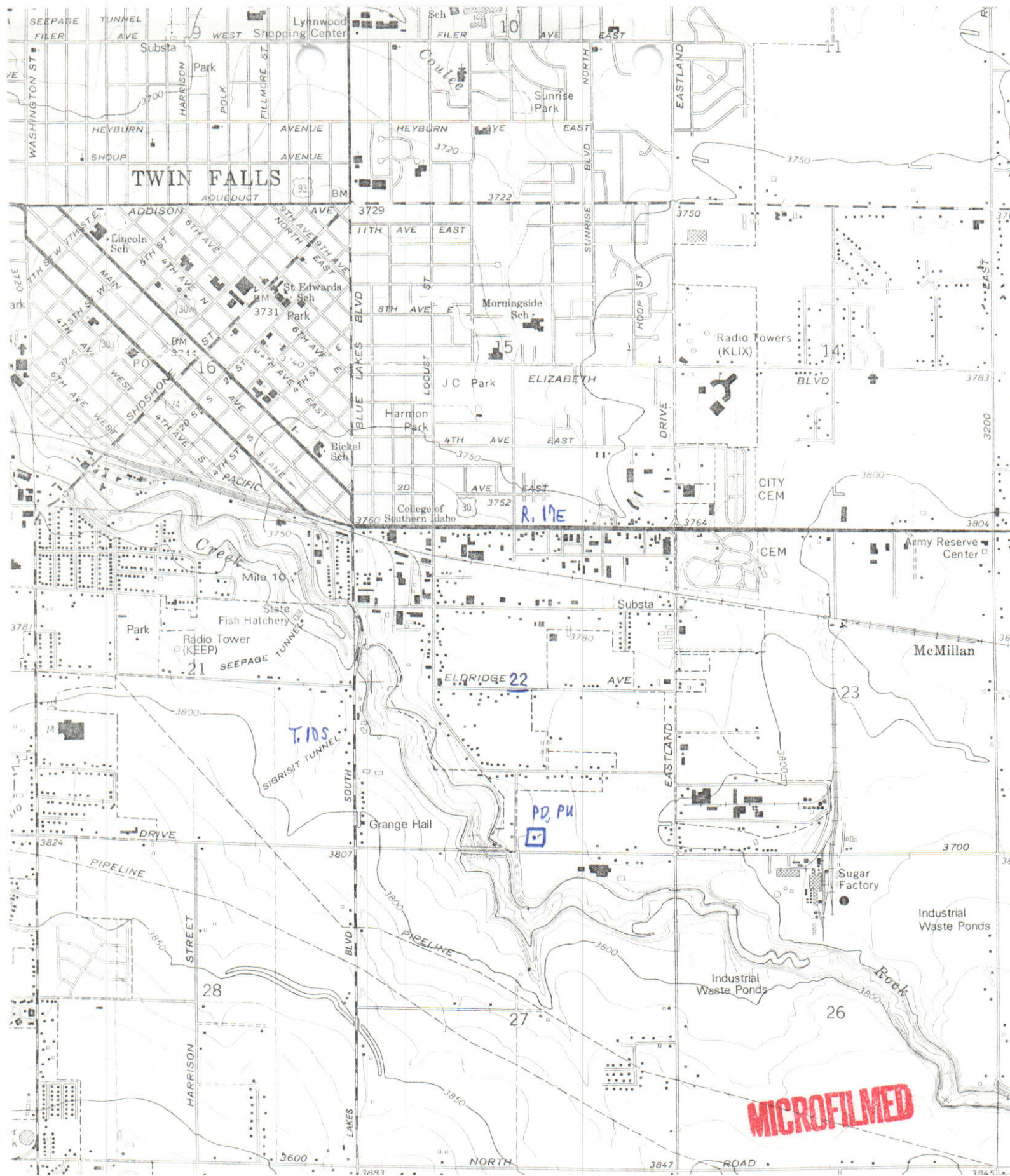
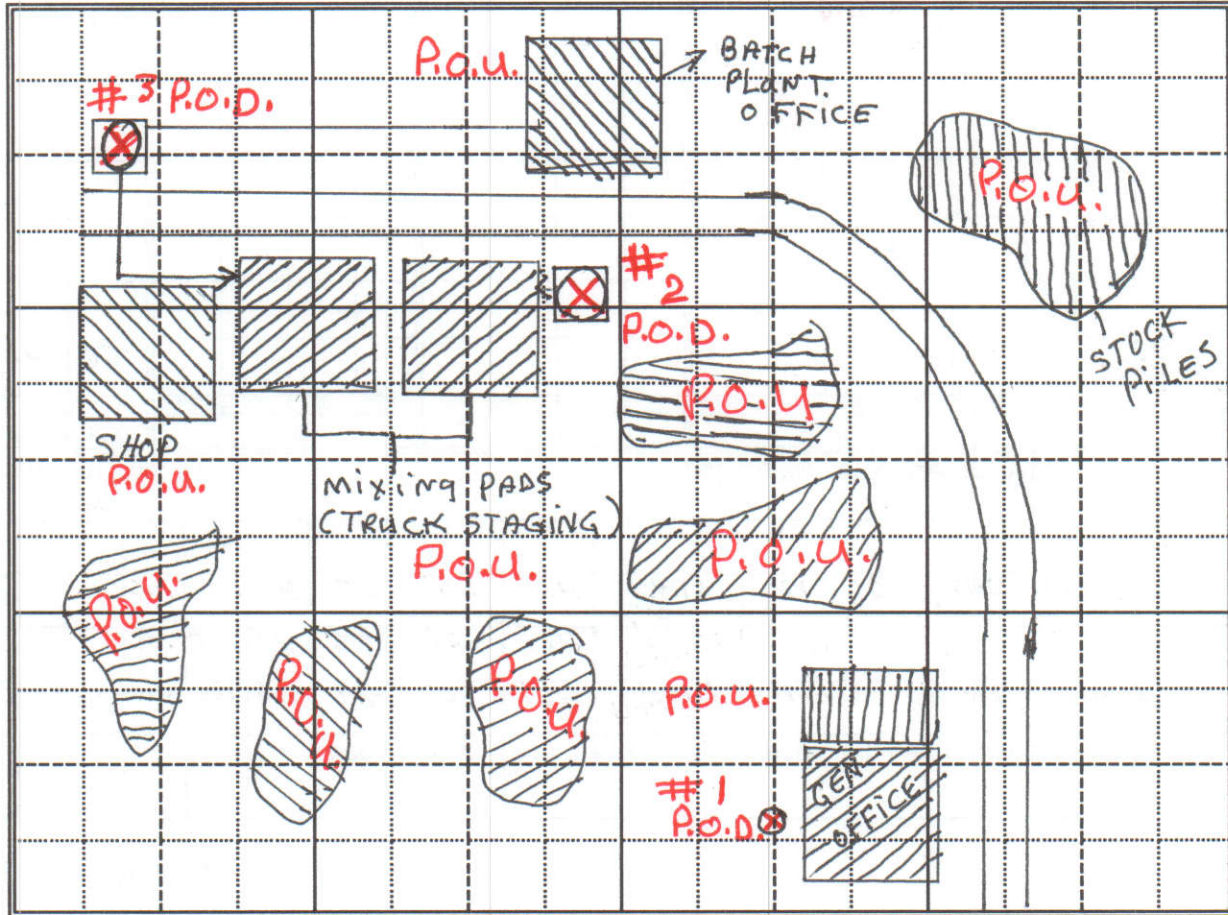




3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NOT TO SCALE

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	unk	30	unk	SUBMERSIBLE	
	unk	30	unk	SUBMERSIBLE	
	GEN Elect	1.5	2/C 3095 L	STA-Rite	

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

09 1980



WELL # 1

→ P.O.D.



P.O.U.
1



→ P.O.U.
1

RECEIVED

AUG 09 1996



WELL #2
— P.O.D

WELL #3

P.O.D. ←



BATCH MIXING
PADS
(TRUCK STAGING)
P.O.D.
→

MICROTECH INC

AUG 09 1996



BATCH plant
— OFFICE

MAILED 50

AUG 09 1996

Aggregate
Cooling
+
Dust
Abatement
P.O.U



State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 47-08023

Priority: February 7, 1986

Maximum Diversion Rate:

0.20 CFS

Maximum Diversion Volume:

3.5 AF

This is to certify, that KLOEPFER INC

PO BOX 840

PAUL ID 83347-0840

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated January 17, 1986; and has submitted Proof of Beneficial Use on March 22, 1991. An examination indicates that the works have a diversion capacity of 1.820 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
COMMERCIAL	01/01 to 12/31	0.20 CFS	3.5 AF

LOCATION OF POINT(S) OF DIVERSION:

SWSE , Sec. 22, Township 10S, Range 17E
TWIN FALLS County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

10S 17E 22

SWSE

CONDITIONS OF APPROVAL AND REMARKS

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Three points of diversion are located within SWSE, S22, T10S, R17E.
6. Commercial use is for a concrete mix plant and two offices.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. Witness the seal and signature of the Director, affixed at Boise, this 13TH day of JULY, 1996.


acting for KARL J. DREHER, Director

AUG 09 1996

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 47-8023 IN THE
NAME OF KLOEPER INC

)
) ORDER OF REINSTATEMENT
)
)

WHEREAS, the Department issued the above-captioned permit with the condition that proof of construction of works and application of water to beneficial use (proof of beneficial use) be submitted on or before March 1, 1991; and,

WHEREAS, the Department has notified the permit holders by certified mail that proof was due and instructed the permit holders of the steps to be taken to submit the proof of beneficial use; and,

WHEREAS, the Department has notified the permit holders that the permit lapsed for failure of the permit holders to submit the proof of beneficial use; and,

WHEREAS, Section 42-218a of the Idaho Code provides that a permit may be reinstated upon a showing of reasonable cause within sixty days of the date of the notice of lapsing; and,

WHEREAS, the permit holders have provided a reasonable showing why the permit should be reinstated by submitting an acceptable proof of beneficial use on February 22, 1991;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 47-8023 be REINSTATED and the priority advanced to February 7, 1986.

Dated this 15th day of April, 1991.

MICROFILMED

AUG 05 1991


L. GLEN SAXTON, Chief
Water Allocation Bureau

RECEIVED
MAR 22 1991

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Department of Water Resources

PROOF OF BENEFICIAL USE

The Idaho Department of Water Resources will consider this form as a statement that the permit holder(s) has/have completed all development that will occur under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below. This form must be accompanied by a license examination fee or a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 47-08023 Telephone No. 208-438-5078

2. Name(s) of Permit Holder(s): Kloepfer Inc.

3. Post Office Address: P.O.Box 840, Paul, Idaho 83347

4. Source of Water: _____

a. If ground water, well driller's name: Unknown Date drilled: _____

b. Pump horsepower: _____ Pressure (psi): _____ Dynamic pumping level (ft.): _____

5. Extent of Use:

Domestic _____ (No. of households) Irrigation _____ (No. of acres)

Stockwater _____ (No. and type of stock) Other Commercial, using water to
mix concrete, drinking water, and bathroom facilities at the shop.

6. Total rate and/or volume for which proof is submitted 0.20 cfs _____ acre/feet

7. Refer to the approval conditions on your permit and respond accordingly:

Measuring device: Required? Yes ☒ No Installed? Yes ☐ No

OR

Flow Measurement Port: Required? Yes ☒ No Installed? Yes ☐ No

8. Fee Enclosed: \$ 50.00 (See License Examination Fee Schedule)

9. Person to contact to accompany the Department representative during the field examination:

Fred Kloepfer

208-438-5078

Name

Telephone No.

Box 840, Paul, Idaho 83347

Address

10. The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

MICROFILMED

AUG 05 1991

3-20-91

Date

[Signature]
Signature (and title if on behalf of a company or organization)

Fred P. Kloepfer - President

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Kloepfer, Inc. Phone 438-4525

Post office address Box 87, Paul, ID 83347

2. Source of water supply Groundwater which is a tributary of 3 points

3. Location of point of diversion is SW $\frac{1}{4}$ of SW $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot

Sec. 22 Township 10S Range 17E B.M. Twin Falls County; additional

points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.20 cfs for Commercial purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 0.20 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. 3 wells & pumps

b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.

c. Proposed well diameter is 8 inches; proposed depth of well is 200 feet.

d. Is ground water with a temperature of greater than 90°F being sought? No

7. Time required for the completion of the works and application of the water to the proposed beneficial use is
5 years (minimum 1 year).

MICROFILMED

MICROFILMED

8. Description of proposed uses (if irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. _____
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- e. Other; describe fully. Commercial use for mixing concrete. Also for bathroom & drinking water in office & shop.

9. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
10S	17E	22															C		

Total number of acres to be irrigated _____

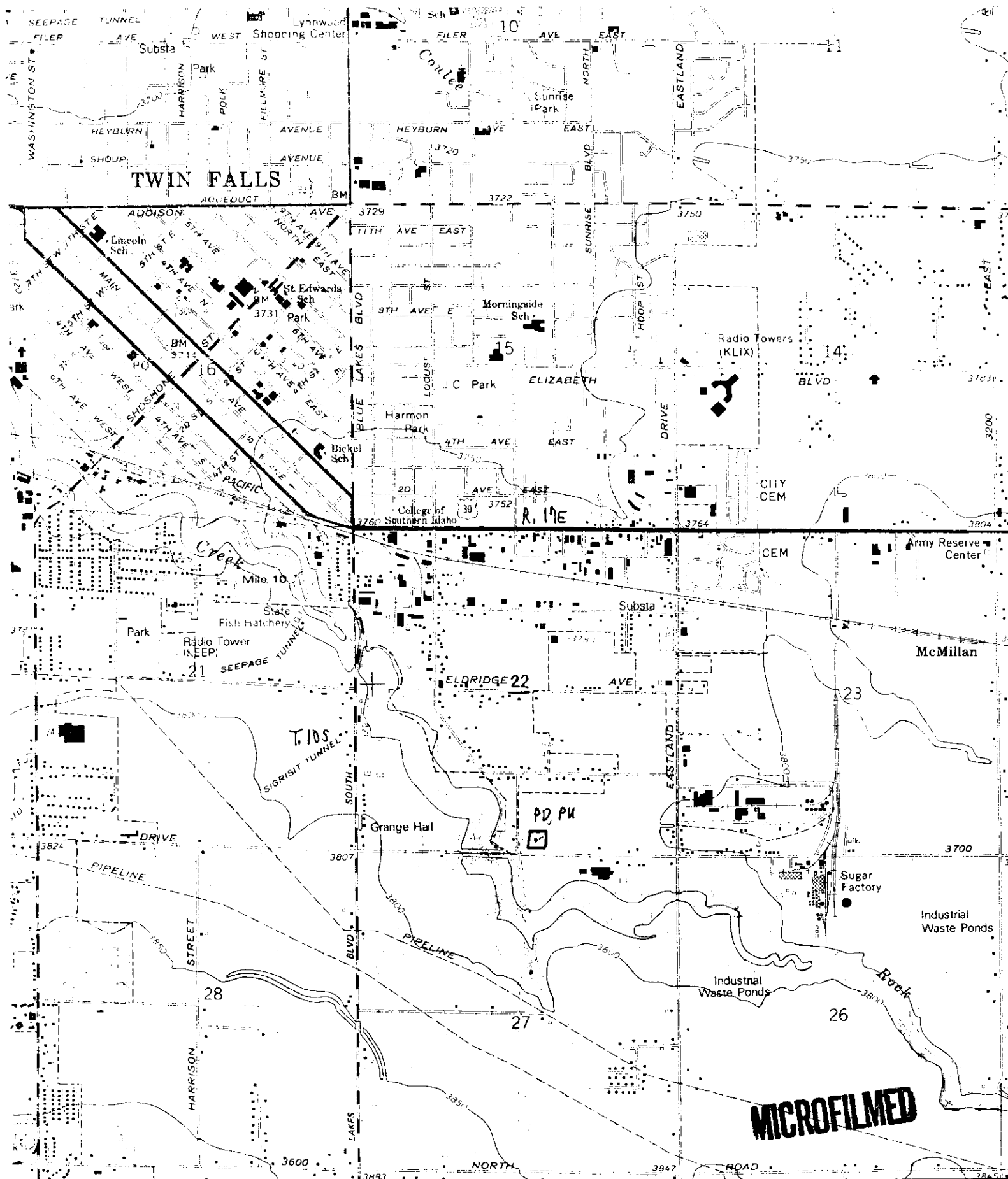
10. Describe any other water rights used for the same purposes as described above. _____

11. a. Who owns the property at the point of diversion? Applicant

b. Who owns the land to be irrigated or place of use? "

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: Maximum use for mixing concrete is 9000 gal/day; average is about 3000 gpd.



A full-page sheet of white graph paper featuring a uniform grid of thin black lines. The grid consists of 20 columns and 20 rows, creating a total of 400 small squares. The lines are evenly spaced and extend across the entire page, leaving no margins or additional markings.

David L. Brown North Bay
(Applicant)

Proposed Priority 1/17/86

MICROFILMED

Received by JS Date 1-17-86 Time 12:30 pm Preliminary check by LF

Fee \$ 30.00 Received by JS # 40010 Date 1-17-86

Publication prepared by maria Date 1/22/86 Published in times news

Publication approved maria Date 1/29/86

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 47-8023, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before March 1, 19 91.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. The water right acquired under this permit if for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this permit and shall not give rise to any right or claim against any future rights to the use of water, other than hydropower, within the State of Idaho initiated later in time than the priority of this permit.

e. Other: Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 5th day of March, 1986.

J. Glen Saxton
Chief, Operations Bureau

NOTICE OF
APPLICATION FOR
WATER RIGHT

The following applica-
tion(s) have been filed to
appropriate the public
waters of the State of
Idaho:

47-8023

KLOEPFER, INC.
BOX 87, PAUL, ID 83347
Source: GROUND
WATER
Diversion Pt: SWSWSE
Sec 22 T 10S R 17E

Use: Commercial (0.2
CFS)
Date Filed: 01/17/1986
In: SWSE Sec 22 T 10S R
17E

The permit(s) will be
subject to all prior water
rights. Protests must be
filed with the Director,
Dept. of Water
Resources, Southern
Region, 1041 Blue Lakes
Blvd. N. Twin Falls,
Idaho 83301 on or before
FEBRUARY 17, 1986.

KEN DUNN
Director
PUBLISH: Thursdays,
January 30, and Febru-
ary 6, 1986.

Affidavit of Publication

STATE OF IDAHO.
COUNTY OF TWIN FALLS } ss.

FEB 12 1986 NO 15917

I, Belinda Jean Capps ~~Department of Water Resources~~
~~Southern Region~~ being duly sworn up-
oath, depose and say that I am Bruce Clerk of the TIMES-NEWS,
published daily, at Twin Falls, Idaho, and do solemnly swear that a copy of
the notice of advertisement, as per clipping attached, was published in the regular and
entire issue of said newspaper, and not in any supplement thereof, for Two
consecutive Weeks, commencing with the issue dated
January 30, 1986, and ending with the issue dated
February 6, 1986.

And I do further certify that said newspaper is a consolidation, effective February 16,
1942, of the Idaho Evening Times, published theretofore daily except Sunday, and the Twin
Falls News, published theretofore daily except Monday, both of which newspapers prior to
consolidation had been published under said names in said city and county continuously and
uninterruptedly during a period of more than twelve consecutive months, and said TIMES-
NEWS, since such consolidation, has been published as a daily newspaper except Saturday,
until July 31, 1978, at which time said newspaper began daily publication under said name
in said city and county continuously and uninterruptedly.

And I further certify that pursuant to Section 60-108 Idaho Code, Thursday of each week
has been designated as the day on which legal notice by law or by order of any court of com-
petent jurisdiction within the state of Idaho, to be published weekly, will be published; and
that at the head of the editorial column of said combined newspapers, and in each issue there-
of, Thursday is announced as the day on which said legal notices will be published.

Belinda Jean Capps
Subscribed and sworn to before me on this 7th day of
February, 1986.

MICROFILMED

Kenneth Kruze
Notary Public in and for the County of Twin Falls,
State of Idaho, residing at Twin Falls, Idaho



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

July 15, 1996

KLOEPFER INC
PO BOX 840
PAUL ID 833470840

RE: WATER RIGHT NO. 47-08023

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

A handwritten signature in black ink, appearing to be 'Jim Johnson', with a horizontal line extending to the right.

JIM JOHNSON, Manager
Water Right Permits Section

JJ:rl

Enclosure

AUG 09 1996

MEMORANDUM

DATE: July 10, 1996
TO: File No. 47-08023
FROM: Cindy Zimmerman
SUBJECT: Review of Beneficial Use Field Report

~~~~~

The following adjustments<sup>1</sup> were made on the field report to reflect department standards on rounding volume to the nearest 1/10th and to correct mathematical errors:

G. Volume Calculations.

1. General office, 3 employees, plus lawn =  $(50 \text{ gpd} \times 260 \text{ d/y}) \div 325,850$   
=  $13000 \div 325,850$   
=  $0.04 \approx \underline{\mathbf{0.1}}$  AF.
2. Batch plant & employees, and dust abatement  
=  $[(3855 \text{ gpd} \times 260 \text{ d/y}) + (1000 \text{ gpd} \times 90 \text{ d/y})] \div 325,850$   
=  $(1,002,300 + 90,000) \div 325,850$   
=  $3.35 \approx \underline{\mathbf{3.4}}$  AF.
3. Maximum annual volume =  $0.1 + 3.4$   
=  $\underline{\mathbf{3.5}}$  AF.

H. Recommendations.

1. Recommended amounts:

|                |               |                   |                      |
|----------------|---------------|-------------------|----------------------|
| Beneficial Use | Period of Use | Rate of diversion | Annual Volume        |
| Commercial     | 1/1-12/31     | 0.18              | <u><b>3.5</b></u> AF |

<sup>1</sup>Adjustments made are **bolded and underlined.**

AUG 09 1996

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

**RECEIVED**  
AUG 03 1995

Department of Water Resources

**A. GENERAL INFORMATION**

Permit No. 47-08023

1. Owner: KLOPFER CONCRETE INC Phone No. 438-4525

Current Address: P.O. Box 87 PAUL ID 83347

2. Accompanied by: STEVE EXAM DATE: 7-12-95

Address: Same Phone No. —

Relationship to Permit Holder: Batch Manager

3. Source: Groundwater tributary to —

**B. OVERLAP REVIEW**

1. Other water rights with the same place of use: None

2. Other water rights with the same point of diversion: None

**C. DIVERSION AND DELIVERY SYSTEM**

**1. Point(s) of Diversion:**

| Ident No. | Gov't Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County     | Method of Determination/Remarks |
|-----------|-----------|-----|-----|-----|------|------|------|------------|---------------------------------|
|           |           | SW  | SW  | SE  | 22   | 10S  | 17E  | TWIN FALLS | USGS QUAD map                   |
|           |           | SW  | SW  | SE  | 22   | 10S  | 17E  | TWIN FALLS | " "                             |
|           |           | SW  | SW  | SE  | 22   | 10S  | 17E  | TWIN FALLS | USGS QUAD map                   |
|           |           |     |     |     |      |      |      |            |                                 |

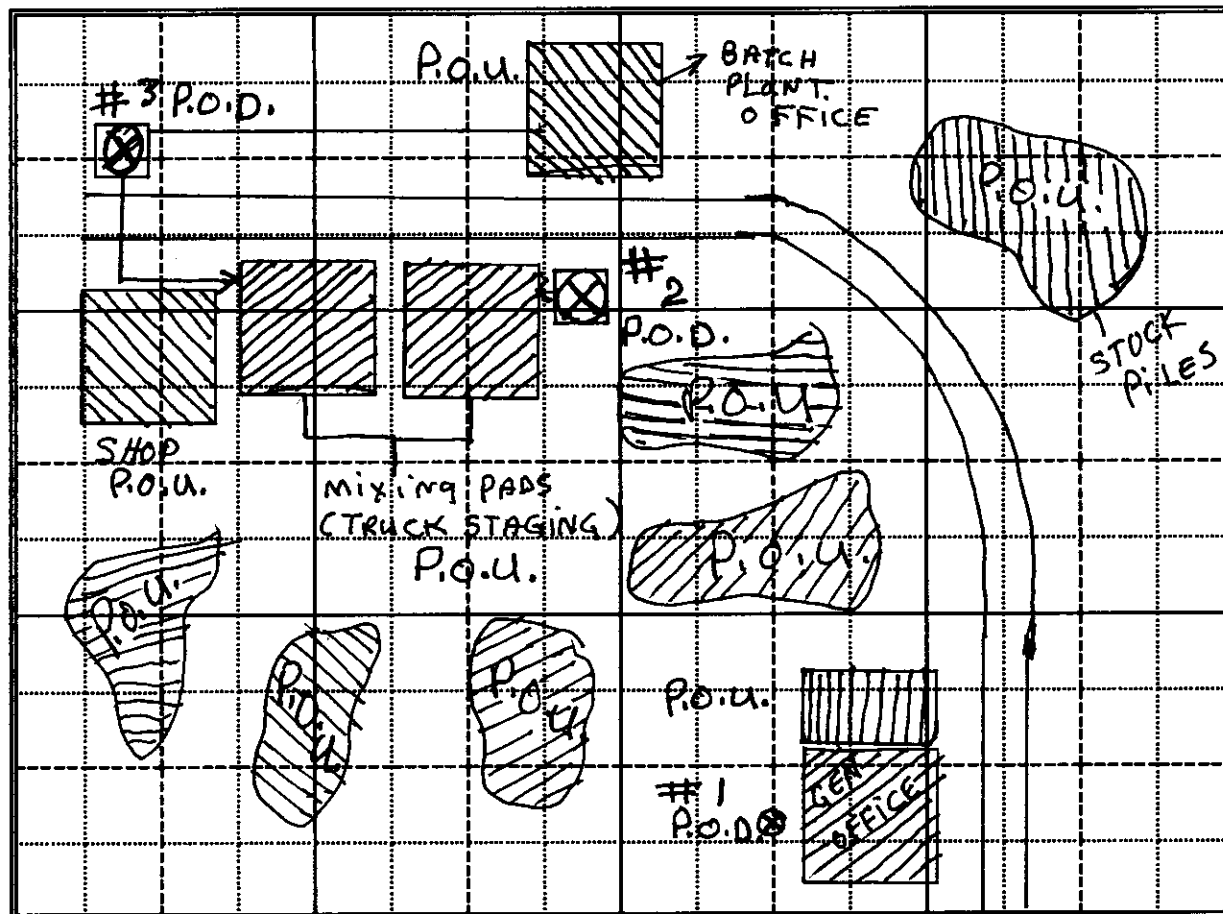
**2. Place(s) of Use:**

Indicate Method of Determination

| TWP | RGE | SEC | NE |    |    |    | NW |    |    |    | SW |    |    |    | SE |    |         |    | Totals |
|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|----|--------|
|     |     |     | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW | SE | NE | NW | SW      | SE |        |
| 10S | 17E | 22  |    |    |    |    |    |    |    |    |    |    |    |    |    |    | SW<br>C |    | C      |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |
|     |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |        |

AUG 09 1996

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = NOT TO SCALE

\_\_\_\_ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

\_\_\_\_ Aerial Photo Attached (required for irrigation of 10+ acres)

\_\_\_\_ Photo of Diversion and System Attached

4.

| Well or Diversion Identification No.* | Motor Make | Hp  | Motor Serial No. | Pump Make   | Pump Serial No. or Discharge Size |
|---------------------------------------|------------|-----|------------------|-------------|-----------------------------------|
|                                       | unk        | 30  | unk              | SUBMERSIBLE |                                   |
|                                       | unk        | 30  | unk              | SUBMERSIBLE |                                   |
|                                       | GEN Elect  | 1.5 | 2/C 3095 L       | STA-RITE    |                                   |

\*Code to correspond with No. on map and aerial photo

#### D. FLOW MEASUREMENTS

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|------|-----------|------------|------|-------------|
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |

2. Measurements:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

09 1900

#### E. NARRATIVE/REMARKS/COMMENTS

NOTE: THE THREE (3) WELLS INDICATED ON THE APPROVED PERMIT  
ACTUALLY SPLIT INTO TWO (2) SEPARATE SYSTEMS.

WELL #1 is an 8" well 200' deep with a dynamic Pumping  
Level of 25<sup>ft</sup>. H<sub>2</sub>O is diverted to a local Pressure  
tank which operates @ 35 PSI. H<sub>2</sub>O is then diverted to  
an outside faucet where a 50 X 70<sup>ft</sup> Lawn is irrigated  
with a standard garden hose and sprinkler. H<sub>2</sub>O is  
also diverted to two (2) Bathrooms with a total of  
4 fixtures. THESE restrooms are used By the GEN  
Public & 3 Fulltime employees.

Wells 2 & 3 are Both 10" wells 400<sup>ft</sup> Deep with  
Dynamic Pumping levels @ 29<sup>ft</sup>. each. These are  
Low-Pressure type 30 HP SUBMERSIBLE Pumps that are  
CONNECTED IN series. H<sub>2</sub>O is diverted to mixing  
Pads, To THE BATCH PLANT OFFICE, AND TO A 1" PVC  
LINE THAT TRAVELS THROUGHOUT THE YARD supplying  
H<sub>2</sub>O for aggregate cooling & dust abatement.  
Hoses are connected to 1" PVC AND ARE Placed  
on top of STOCKPILES of Sand + gravel. THE  
BATCH PLANT OFFICE supports 1 restroom w 3 fixtures  
For 2 employees (Full Time)

Have conditions of permit approval been met? ☒ yes ☐ no



AUG 09 1996

## F. FLOW CALCULATIONS

\_\_\_\_ Additional Computation Sheets Attached

Measured Method: *THEORETICAL*

Well #1-

$$\frac{8.8 \times 1.5 \times .70}{25 + (35 \times 2.31)} = .08 \text{ cfs sys cap.}$$

Wells 2+3

$$\frac{8.8 \times 60 \times .70}{29 + (80 \times 2.31)} = \frac{369}{214} = 1.7 \text{ cfs sys cap.}$$

## G. VOLUME CALCULATIONS

### 1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

### 2. Volume Calculations for Other Uses:

Well #1.

Front Office + Lawn  $50 \text{ gpd} \times 260 \text{ days}$   
 $13,000 \text{ gpy} = .04 \text{ afa}$

Wells 2+3

BATCH plant use  $3750 \text{ gpd} \times 260$   
 $= 975000 \text{ gpy} = 2.99 \text{ afa}$

AGGREGATE cooling  $1000 \text{ gpd} \times 90$   
 $90000 \text{ gpy} = .30 \text{ afa}$

employee use  $105 \text{ gpd} \times 260$   
 $27300 \text{ gpy} = .08 \text{ afa}$

## H. RECOMMENDATIONS

### 1. Recommended Amounts

| Beneficial Use | Period of Use |       | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|----------------|---------------|-------|------------------------------|--------------------------|
|                | From          | To    |                              |                          |
| Well 1 Comm    | 01-01         | 12-31 | .02                          | 1.08 afa *               |
| Well 2's Comm  | 01-01         | 12-31 | .18                          | 3.3 afa *                |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
| Totals:        |               |       | .2 cfs                       | 3.7 afa *                |

### 2. Recommended Amendments

☐ Change P.D. as reflected above    ☐ Add P.D. as reflected above    ☒ None  
☐ Change P.U. as reflected above    ☐ Add P.U. as reflected above    ☐ Other

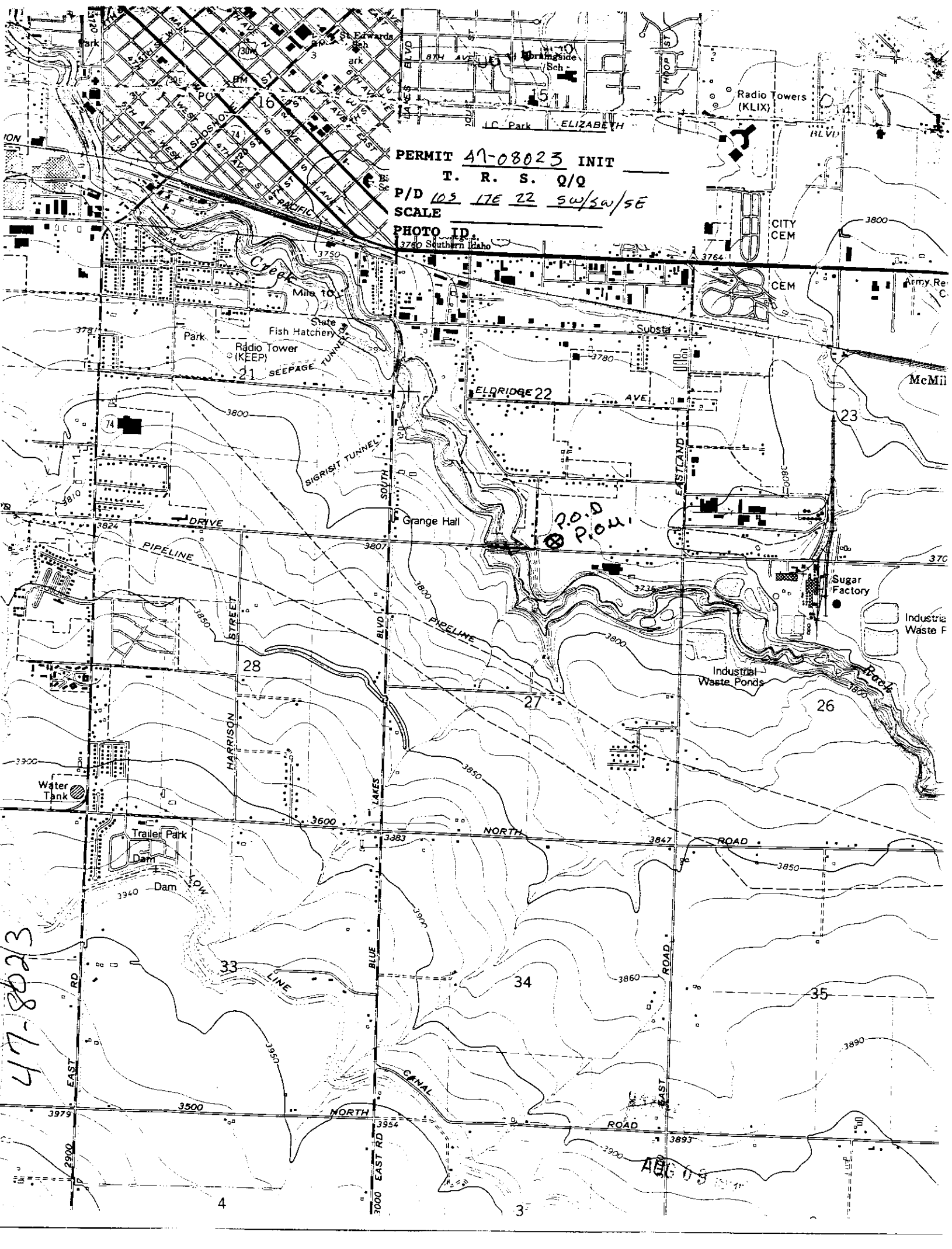
## I. AUTHENTICATION

Field Examiner's Name Dallas Taylor Date 07-12-95

Reviewer \_\_\_\_\_ Date \_\_\_\_\_

SEAL

\* Adjustments made during the review of this right for license approval.  
 See memo for additional information. 7/10/96 CR



## WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water,  
within 30 days after the completion or abandonment of the well.

RECEIVED

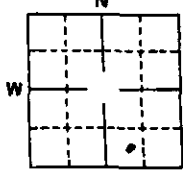
APR 13 1986

| <b>1. WELL OWNER</b><br>Name <u>KLOPPER CONCRETE</u><br>Address <u>PAUL IDAHO</u><br>Owner's Permit No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>7. WATER LEVEL</b><br>Static water level <u>25</u> feet below land surface<br>Flowing? <input type="checkbox"/> Yes <input type="checkbox"/> No G.P.M. flow _____<br>Artesian closed-in pressure _____ p.s.i.<br>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug<br>Temperature _____ of. Quality _____<br>Describe artesian or temperature zones below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------|---------------|-------------------|---------------------|-----------------|----------------|--------------|--------------|------------|----------------|--------------|--------------|------------|------------|----------------|--------------|------------|------------|------------------------------------------------------------------|-----------------|----|--------------------|------------|------------|--------------------|------------|------------|--------------------|------------|-----------------|--|--|----|----|-----------------|---|--|----|----|-----------------|--|--|----|----|-----------------|---|--|----|----|----------------|--|--|----|----|-----------------|---|--|----|----|-----------------|--|--|----|----|-----------------------|---|--|----|-----|-----------------|--|--|-----|-----|------------------|--|--|-----|-----|------------------|---|--|-----|-----|-----------------|--|--|-----|-----|----------------|---|--|-----|-----|----------------|--|--|-----|-----|-----------------------|---|
| <b>2. NATURE OF WORK</b><br><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement<br><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>8. WELL TEST DATA</b><br><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailor <input type="checkbox"/> Air <input type="checkbox"/> Other _____<br><table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td><u>ADPTX 40</u></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Discharge G.P.M. | Pumping Level         | Hours Pumped  | <u>ADPTX 40</u>   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| Discharge G.P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Pumping Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Hours Pumped     |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| <u>ADPTX 40</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| <b>3. PROPOSED USE</b><br><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal<br><input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection<br><input type="checkbox"/> Other _____ (specify type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>9. LITHOLOGIC LOG</b> <table border="1"><thead><tr><th rowspan="2">Bore<br/>Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th rowspan="2">Water<br/>Yes?</th></tr><tr><th>From</th><th>To</th></tr></thead><tbody><tr><td>10</td><td>0</td><td>4</td><td>topsoil &amp; clay</td><td></td></tr><tr><td></td><td>4</td><td>5</td><td>small boulders</td><td></td></tr><tr><td></td><td>5</td><td>18</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>18</td><td>22</td><td>gray lava loose</td><td></td></tr><tr><td>8</td><td>22</td><td>25</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>25</td><td>28</td><td>gray lava loose</td><td>X</td></tr><tr><td></td><td>28</td><td>35</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>35</td><td>40</td><td>gray lava loose</td><td>X</td></tr><tr><td></td><td>40</td><td>60</td><td>gray lava hard</td><td></td></tr><tr><td></td><td>60</td><td>67</td><td>gray lava loose</td><td>X</td></tr><tr><td></td><td>67</td><td>72</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>72</td><td>74</td><td>gray lava solid loose</td><td>X</td></tr><tr><td></td><td>74</td><td>109</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>109</td><td>150</td><td>brown lava solid</td><td></td></tr><tr><td></td><td>150</td><td>154</td><td>brown lava loose</td><td>X</td></tr><tr><td></td><td>154</td><td>159</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>159</td><td>163</td><td>gray lava soft</td><td>X</td></tr><tr><td></td><td>163</td><td>171</td><td>gray lava hard</td><td></td></tr><tr><td></td><td>171</td><td>200</td><td>gray lava clay &amp; talc</td><td>X</td></tr></tbody></table> | Bore<br>Diam.    | Depth                 |               | Material          | Water<br>Yes?       | From            | To             | 10           | 0            | 4          | topsoil & clay |              |              | 4          | 5          | small boulders |              |            | 5          | 18                                                               | gray lava solid |    |                    | 18         | 22         | gray lava loose    |            | 8          | 22                 | 25         | gray lava solid |  |  | 25 | 28 | gray lava loose | X |  | 28 | 35 | gray lava solid |  |  | 35 | 40 | gray lava loose | X |  | 40 | 60 | gray lava hard |  |  | 60 | 67 | gray lava loose | X |  | 67 | 72 | gray lava solid |  |  | 72 | 74 | gray lava solid loose | X |  | 74 | 109 | gray lava solid |  |  | 109 | 150 | brown lava solid |  |  | 150 | 154 | brown lava loose | X |  | 154 | 159 | gray lava solid |  |  | 159 | 163 | gray lava soft | X |  | 163 | 171 | gray lava hard |  |  | 171 | 200 | gray lava clay & talc | X |
| Bore<br>Diam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  | Material              | Water<br>Yes? |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | To               |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                | topsoil & clay        |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5                | small boulders        |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 18               | gray lava solid       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 22               | gray lava loose       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 25               | gray lava solid       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 28               | gray lava loose       | X             |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 35               | gray lava solid       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 40               | gray lava loose       | X             |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 60               | gray lava hard        |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 67               | gray lava loose       | X             |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 72               | gray lava solid       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 74               | gray lava solid loose | X             |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 109              | gray lava solid       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 150              | brown lava solid      |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 150                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 154              | brown lava loose      | X             |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 154                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 159              | gray lava solid       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 159                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 163              | gray lava soft        | X             |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 163                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 171              | gray lava hard        |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 171                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 200              | gray lava clay & talc | X             |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| <b>4. METHOD DRILLED</b><br><input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary<br><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| <b>5. WELL CONSTRUCTION</b><br>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____<br><table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>1/4</u> inches</td><td><u>8 5/8</u> inches</td><td><u>+ 1</u> feet</td><td><u>23</u> feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table><br>Was casing drive shoe used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Was a packer or seal used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Perforated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch<br>Size of perforation _____ inches by _____ inches<br><table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table><br>Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Manufacturer's name _____<br>Type _____ Model No. _____<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Gravel packed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Size of gravel _____<br>Placed from _____ feet to _____ feet<br>Surface seal depth <u>23</u> Material used in seal: <input checked="" type="checkbox"/> Cement grout<br><input type="checkbox"/> Bentonite <input type="checkbox"/> Puddling clay <input type="checkbox"/> _____<br>Sealing procedure used: <input type="checkbox"/> Slurry pit <input checked="" type="checkbox"/> Temp. surface casing<br><input checked="" type="checkbox"/> Overbore to seal depth<br>Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent<br>Weld<br><input type="checkbox"/> Cemented between strata<br>Describe access port <u>through top of well seal</u> | Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Diameter         | From                  | To            | <u>1/4</u> inches | <u>8 5/8</u> inches | <u>+ 1</u> feet | <u>23</u> feet | _____ inches | _____ inches | _____ feet | _____ feet     | _____ inches | _____ inches | _____ feet | _____ feet | _____ inches   | _____ inches | _____ feet | _____ feet | Number                                                           | From            | To | _____ perforations | _____ feet | _____ feet | _____ perforations | _____ feet | _____ feet | _____ perforations | _____ feet | _____ feet      |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | From             | To                    |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| <u>1/4</u> inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <u>8 5/8</u> inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <u>+ 1</u> feet  | <u>23</u> feet        |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet       | _____ feet            |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet       | _____ feet            |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet       | _____ feet            |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | To               |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _____ feet       |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _____ feet       |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | _____ feet       |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| <b>6. LOCATION OF WELL</b><br>Sketch map location <u>must</u> agree with written location.<br><table border="1"><tr><td>N</td><td></td><td></td><td></td></tr><tr><td>W</td><td></td><td></td><td>E</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>S</td><td></td><td></td><td></td></tr></table><br>County <u>twin falls</u><br><u>SW</u> 1/4 <u>SE</u> 1/4 Sec. <u>22</u> , T. <u>10</u> N., R. <u>17</u> E.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                       |               | W                 |                     |                 | E              |              |              |            |                |              |              |            |            | S              |              |            |            | <b>10.</b><br>Work started <u>4-5-86</u> finished <u>4-14-86</u> |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  | E                     |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |
| <b>11. DRILLERS CERTIFICATION</b><br>I/We certify that all minimum well construction standards were complied with at the time the rig was removed.<br>Firm Name <u>HERMAN COUCH WELLS DRILLING INC</u><br><u>340 weuna vista dr</u><br>Address <u>Burley Idaho</u> Date <u>4-14-86</u><br>Signed by (Firm Official) <u>Herman Couch</u><br>and<br>(Operator) <u>Herman Couch</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |                       |               |                   |                     |                 |                |              |              |            |                |              |              |            |            |                |              |            |            |                                                                  |                 |    |                    |            |            |                    |            |            |                    |            |                 |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                 |   |  |    |    |                |  |  |    |    |                 |   |  |    |    |                 |  |  |    |    |                       |   |  |    |     |                 |  |  |     |     |                  |  |  |     |     |                  |   |  |     |     |                 |  |  |     |     |                |   |  |     |     |                |  |  |     |     |                       |   |

## WE DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources  
within 30 days after the completion or abandonment of the well.

APR 15 1996

| <b>1. WELL OWNER</b><br>Name <u>KLOEFER CONCRETE</u><br>Address <u>PAUL IDAHO</u><br>Owner's Permit No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>7. WATER LEVEL</b><br>Static water level <u>29</u> feet below land surface.<br>Flowing? <input type="checkbox"/> Yes <input type="checkbox"/> No G.P.M. flow _____<br>Artesian closed-in pressure _____ p.s.i.<br>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug<br>Temperature _____ °F. Quality _____<br>Describe artesian or temperature zones below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------|--------------|----------------|---------------|---|-----------|--------------|--------------|------------|------------|--------------|--------------|------------|--------------------|--------------|--------------|------------|-----------------------|--------|------|----|--------------------|------------|------------|--------------------|--------------------------------|------------|--------------------|------------|----------------------|--|--|-----|----------------------------|--|--|-----|---------------------|--|--|-----|---------------------|---|--|-----|---------------------|--|--|-----|--------------------|---|--|-----|--------------------|--|--|-----|----------------------------|--|--|--|------------------------|---|--|-----|---------------------|--|--|-----|--------------------|---|--|-----|---------------------|--|--|-----|----------------------------|---|--|-----|--------------------|--|
| <b>2. NATURE OF WORK</b><br><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement<br><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8. WELL TEST DATA</b><br><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Air <input type="checkbox"/> Other _____<br><table border="1"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td>apprx 200</td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Discharge G.P.M.               | Pumping Level    | Hours Pumped | apprx 200      |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| Discharge G.P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pumping Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Hours Pumped                   |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| apprx 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| <b>3. PROPOSED USE</b><br><input type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal<br><input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection<br><input type="checkbox"/> Other _____ (specify type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>9. LITHOLOGIC LOG</b> <table border="1"><thead><tr><th>Bore<br/>Diam.</th><th>Depth<br/>From To</th><th>Material</th><th>Water<br/>Yes N</th></tr></thead><tbody><tr><td>18</td><td>0</td><td>2 topsoil</td><td></td></tr><tr><td></td><td>2</td><td>5 boulders</td><td></td></tr><tr><td></td><td>5</td><td>25 gray lava solid</td><td></td></tr><tr><td>10</td><td>25</td><td>29 orange clay &amp; lava</td><td></td></tr><tr><td></td><td>29</td><td>67 gray lava hard</td><td></td></tr><tr><td></td><td>67</td><td>69 brown lava with clay &amp; talc</td><td>x</td></tr><tr><td></td><td>69</td><td>109 brown lava solid</td><td></td></tr><tr><td></td><td>109</td><td>133 brown &amp; red lava solid</td><td></td></tr><tr><td></td><td>133</td><td>160 gray lava solid</td><td></td></tr><tr><td></td><td>160</td><td>163 gray lava loose</td><td>x</td></tr><tr><td></td><td>163</td><td>190 gray lava solid</td><td></td></tr><tr><td></td><td>190</td><td>192 gray lava soft</td><td>x</td></tr><tr><td></td><td>192</td><td>281 gray lava hard</td><td></td></tr><tr><td></td><td>281</td><td>340 brown &amp; gray lava soft</td><td></td></tr><tr><td></td><td></td><td>with clay &amp; water talc</td><td>x</td></tr><tr><td></td><td>340</td><td>344 gray lava solid</td><td></td></tr><tr><td></td><td>344</td><td>361 gray lava soft</td><td>x</td></tr><tr><td></td><td>361</td><td>365 gray lava solid</td><td></td></tr><tr><td></td><td>365</td><td>394 gray lava soft &amp; loose</td><td>x</td></tr><tr><td></td><td>394</td><td>396 gray lava hard</td><td></td></tr></tbody></table> | Bore<br>Diam.                  | Depth<br>From To | Material     | Water<br>Yes N | 18            | 0 | 2 topsoil |              |              | 2          | 5 boulders |              |              | 5          | 25 gray lava solid |              | 10           | 25         | 29 orange clay & lava |        |      | 29 | 67 gray lava hard  |            |            | 67                 | 69 brown lava with clay & talc | x          |                    | 69         | 109 brown lava solid |  |  | 109 | 133 brown & red lava solid |  |  | 133 | 160 gray lava solid |  |  | 160 | 163 gray lava loose | x |  | 163 | 190 gray lava solid |  |  | 190 | 192 gray lava soft | x |  | 192 | 281 gray lava hard |  |  | 281 | 340 brown & gray lava soft |  |  |  | with clay & water talc | x |  | 340 | 344 gray lava solid |  |  | 344 | 361 gray lava soft | x |  | 361 | 365 gray lava solid |  |  | 365 | 394 gray lava soft & loose | x |  | 394 | 396 gray lava hard |  |
| Bore<br>Diam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Depth<br>From To                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Material                       | Water<br>Yes N   |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 topsoil                      |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5 boulders                     |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 25 gray lava solid             |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29 orange clay & lava          |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 67 gray lava hard              |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 69 brown lava with clay & talc | x                |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 109 brown lava solid           |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 109                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 133 brown & red lava solid     |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 133                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 160 gray lava solid            |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 160                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 163 gray lava loose            | x                |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 163                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 190 gray lava solid            |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 190                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 192 gray lava soft             | x                |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 192                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 281 gray lava hard             |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 281                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 340 brown & gray lava soft     |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | with clay & water talc         | x                |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 340                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 344 gray lava solid            |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 344                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 361 gray lava soft             | x                |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 361                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 365 gray lava solid            |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 365                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 394 gray lava soft & loose     | x                |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 394                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 396 gray lava hard             |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| <b>4. METHOD DRILLED</b><br><input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary<br><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| <b>5. WELL CONSTRUCTION</b><br>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____<br><table border="1"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>1/2 inches</td><td>10 3/4 inches</td><td>1</td><td>22</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table><br>Was casing drive shoe used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Was a packer or seal used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Perforated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch<br>Size of perforation _____ inches by _____ inches<br><table border="1"><thead><tr><th>Number</th><th>From</th><th>To</th></tr></thead><tbody><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ perforations</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table><br>Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Manufacturer's name _____<br>Type _____ Model No. _____<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Gravel packed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Size of gravel _____<br>Placed from _____ feet to _____ feet<br>Surface seal depth <u>22</u> Material used in seal: <input checked="" type="checkbox"/> Cement grout<br><input type="checkbox"/> Bentonite <input type="checkbox"/> Puddling clay <input type="checkbox"/> _____<br>Sealing procedure used: <input type="checkbox"/> Slurry pit <input type="checkbox"/> Temp. surface casing<br><input checked="" type="checkbox"/> Overbore to seal depth<br>Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent<br>Weld _____<br><input type="checkbox"/> Cemented between strata<br>Describe access port <u>through top of well seal</u> | Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Diameter                       | From             | To           | 1/2 inches     | 10 3/4 inches | 1 | 22        | _____ inches | _____ inches | _____ feet | _____ feet | _____ inches | _____ inches | _____ feet | _____ feet         | _____ inches | _____ inches | _____ feet | _____ feet            | Number | From | To | _____ perforations | _____ feet | _____ feet | _____ perforations | _____ feet                     | _____ feet | _____ perforations | _____ feet | _____ feet           |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | From                           | To               |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| 1/2 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10 3/4 inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                              | 22               |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _____ feet                     | _____ feet       |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _____ feet                     | _____ feet       |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | _____ feet                     | _____ feet       |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | To                             |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _____ feet                     |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _____ feet                     |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| _____ perforations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | _____ feet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | _____ feet                     |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |
| <b>6. LOCATION OF WELL</b><br>Sketch map location must agree with written location.<br><br>Subdivision Name _____<br>Lot No. _____ Block No. _____<br>County <u>TWIN FALLS</u><br><u>SW</u> x <u>SE</u> 1/4 Sec <u>22</u> , T. <u>10</u> , R. <u>17</u> , E. <u>4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>10.</b> Work started <u>3-21-86</u> finished <u>4-4-86</u><br><b>11. DRILLERS CERTIFICATION</b><br>I/We certify that all minimum well construction standards were complied with at the time the rig was removed.<br>Firm Name <u>HERMAN COUCH WELL DRILLING</u><br><u>340 Wauna Vista Dr</u><br>Address <u>BURLEY IDAHO</u> Date <u>4-6-86</u><br>Signed by (Firm Official) <u>Sherman Couch</u> 09 1996<br>and<br>(Operator) <u>Sherman Couch</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                  |              |                |               |   |           |              |              |            |            |              |              |            |                    |              |              |            |                       |        |      |    |                    |            |            |                    |                                |            |                    |            |                      |  |  |     |                            |  |  |     |                     |  |  |     |                     |   |  |     |                     |  |  |     |                    |   |  |     |                    |  |  |     |                            |  |  |  |                        |   |  |     |                     |  |  |     |                    |   |  |     |                     |  |  |     |                            |   |  |     |                    |  |

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**WELL DRILLER'S REPORT**USE TYPEWRITER OR  
BALLPOINT PENState law requires that this report be filed with the Director, Department of Water Resources  
within 30 days after the completion or abandonment of the well.

APR 15 1986

| <b>1. WELL OWNER</b><br>Name <u>KLOEFFER CONCRETE</u><br>Address <u>1417 IDAHO</u><br>Owner's Permit No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>7. WATER LEVEL</b><br>Static water level <u>29</u> feet below land surface.<br>Flowing? <input type="checkbox"/> Yes <input type="checkbox"/> No G.P.M. flow _____<br>Artesian closed-in pressure _____ p.s.i.<br>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug<br>Temperature _____ °F. Quality _____<br><small>Describe artesian or temperature zones below.</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------|-----------------|-------------------|----------------------|---------------|----------------|--------------|--------------|------------|----------------|--------------|--------------|------------|------------|---------------|--------------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|--|----|----|------------------------|---|--|----|----|-----------------|--|--|----|----|----------------|--|--|----|----|-------------------------|---|--|----|-----|-----------------|--|--|-----|-----|------------------------|--|--|-----|-----|------------------|--|--|-----|-----|-----------------|--|--|-----|-----|-----------------------|---|--|-----|-----|----------------|--|--|-----|-----|-----------------|---|--|-----|-----|-----------------|--|--|-----|-----|-----------------|---|--|-----|-----|----------------|--|--|-----|-----|------------------|--|--|-----|-----|--------------------------|---|--|-----|-----|------------------|--|--|-----|-----|--------------------------------------------------------------------|---|--|-----|-----|----------------|--|--|-----|-----|----------------|--|--|-----|-----|----------------|---|--|-----|-----|----------------|--|
| <b>2. NATURE OF WORK</b><br><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement<br><input type="checkbox"/> Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>8. WELL TEST DATA</b><br><input checked="" type="checkbox"/> Pump <input type="checkbox"/> Bailer <input type="checkbox"/> Air <input type="checkbox"/> Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Discharge G.P.M.</th><th>Pumping Level</th><th>Hours Pumped</th></tr></thead><tbody><tr><td>200</td><td>235</td><td>2</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></tbody></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Discharge G.P.M. | Pumping Level                                                      | Hours Pumped    | 200               | 235                  | 2             |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| Discharge G.P.M.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Pumping Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hours Pumped     |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 235                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| <b>3. PROPOSED USE</b><br><input type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal<br><input checked="" type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection<br><input type="checkbox"/> Other _____ (specify type)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>9. LITHOLOGIC LOG</b> <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th rowspan="2">Bore<br/>Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th rowspan="2">Water<br/>Yes/No</th></tr><tr><th>From</th><th>To</th></tr></thead><tbody><tr><td>12</td><td>0</td><td>3</td><td>topsoil &amp; clay</td><td></td></tr><tr><td></td><td>3</td><td>7</td><td>lava boulders</td><td></td></tr><tr><td>10</td><td>7</td><td>29</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>29</td><td>37</td><td>brown lava &amp; clay soft</td><td>x</td></tr><tr><td></td><td>37</td><td>55</td><td>brown lava hard</td><td></td></tr><tr><td></td><td>55</td><td>67</td><td>gray lava hard</td><td></td></tr><tr><td></td><td>67</td><td>70</td><td>brown lava loose (talc)</td><td>x</td></tr><tr><td></td><td>70</td><td>105</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>105</td><td>112</td><td>brown &amp; red lava solid</td><td></td></tr><tr><td></td><td>112</td><td>129</td><td>brown lava solid</td><td></td></tr><tr><td></td><td>129</td><td>154</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>154</td><td>161</td><td>gray &amp; red lava loose</td><td>x</td></tr><tr><td></td><td>161</td><td>186</td><td>gray lava hard</td><td></td></tr><tr><td></td><td>186</td><td>189</td><td>gray lava loose</td><td>x</td></tr><tr><td></td><td>189</td><td>197</td><td>gray lava solid</td><td></td></tr><tr><td></td><td>197</td><td>199</td><td>gray lava loose</td><td>x</td></tr><tr><td></td><td>199</td><td>233</td><td>gray lava hard</td><td></td></tr><tr><td></td><td>233</td><td>268</td><td>brown lava solid</td><td></td></tr><tr><td></td><td>268</td><td>283</td><td>brown lava (talc &amp; clay)</td><td>x</td></tr><tr><td></td><td>283</td><td>314</td><td>brown lava solid</td><td></td></tr><tr><td></td><td>314</td><td>340</td><td>brown &amp; gray lava firm<br/>with some decomposed<br/>lava. &amp; lava ash</td><td>x</td></tr><tr><td></td><td>340</td><td>362</td><td>gray lava firm</td><td></td></tr><tr><td></td><td>362</td><td>365</td><td>gray lava hard</td><td></td></tr><tr><td></td><td>365</td><td>391</td><td>gray lava soft</td><td>x</td></tr><tr><td></td><td>391</td><td>400</td><td>gray lava hard</td><td></td></tr></tbody></table> | Bore<br>Diam.    | Depth                                                              |                 | Material          | Water<br>Yes/No      | From          | To             | 12           | 0            | 3          | topsoil & clay |              |              | 3          | 7          | lava boulders |              | 10         | 7          | 29                                                                                                                                                                                                                                                                                                                                                                                 | gray lava solid |  |  | 29 | 37 | brown lava & clay soft | x |  | 37 | 55 | brown lava hard |  |  | 55 | 67 | gray lava hard |  |  | 67 | 70 | brown lava loose (talc) | x |  | 70 | 105 | gray lava solid |  |  | 105 | 112 | brown & red lava solid |  |  | 112 | 129 | brown lava solid |  |  | 129 | 154 | gray lava solid |  |  | 154 | 161 | gray & red lava loose | x |  | 161 | 186 | gray lava hard |  |  | 186 | 189 | gray lava loose | x |  | 189 | 197 | gray lava solid |  |  | 197 | 199 | gray lava loose | x |  | 199 | 233 | gray lava hard |  |  | 233 | 268 | brown lava solid |  |  | 268 | 283 | brown lava (talc & clay) | x |  | 283 | 314 | brown lava solid |  |  | 314 | 340 | brown & gray lava firm<br>with some decomposed<br>lava. & lava ash | x |  | 340 | 362 | gray lava firm |  |  | 362 | 365 | gray lava hard |  |  | 365 | 391 | gray lava soft | x |  | 391 | 400 | gray lava hard |  |
| Bore<br>Diam.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                  | Material                                                           | Water<br>Yes/No |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | From                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | To               |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 3                | topsoil & clay                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7                | lava boulders                                                      |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 29               | gray lava solid                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 37               | brown lava & clay soft                                             | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 55               | brown lava hard                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 67               | gray lava hard                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 70               | brown lava loose (talc)                                            | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 105              | gray lava solid                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 105                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 112              | brown & red lava solid                                             |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 112                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 129              | brown lava solid                                                   |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 129                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 154              | gray lava solid                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 154                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 161              | gray & red lava loose                                              | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 161                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 186              | gray lava hard                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 186                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 189              | gray lava loose                                                    | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 189                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 197              | gray lava solid                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 197                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 199              | gray lava loose                                                    | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 199                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 233              | gray lava hard                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 233                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 268              | brown lava solid                                                   |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 268                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 283              | brown lava (talc & clay)                                           | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 314              | brown lava solid                                                   |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 314                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 340              | brown & gray lava firm<br>with some decomposed<br>lava. & lava ash | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 340                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 362              | gray lava firm                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 362                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 365              | gray lava hard                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 365                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 391              | gray lava soft                                                     | x               |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 391                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 400              | gray lava hard                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| <b>4. METHOD DRILLED</b><br><input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary<br><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>10.</b><br>Work started <u>3-1-86</u> finished <u>3-17-86</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| <b>5. WELL CONSTRUCTION</b><br>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____ <table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th>Thickness</th><th>Diameter</th><th>From</th><th>To</th></tr></thead><tbody><tr><td><u>1/2</u> inches</td><td><u>10 3/4</u> inches</td><td><u>1</u> feet</td><td><u>19</u> feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr><tr><td>_____ inches</td><td>_____ inches</td><td>_____ feet</td><td>_____ feet</td></tr></tbody></table><br>Was casing drive shoe used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Was a packer or seal used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Perforated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch<br>Size of perforation _____ inches by _____ inches<br>Number _____ perforations _____ feet _____ feet<br>_____ perforations _____ feet _____ feet<br>_____ perforations _____ feet _____ feet<br>Well screen installed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Manufacturer's name _____<br>Type _____ Model No. _____<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Diameter _____ Slot size _____ Set from _____ feet to _____ feet<br>Gravel packed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Size of gravel _____<br>Placed from _____ feet to _____ feet<br>Surface seal depth <u>19</u> Material used in seal: <input checked="" type="checkbox"/> Cement grout<br><input type="checkbox"/> Bentonite <input type="checkbox"/> Pudding clay <input type="checkbox"/> _____<br>Sealing procedure used: <input type="checkbox"/> Slurry pit <input checked="" type="checkbox"/> Temp. surface casing<br><input checked="" type="checkbox"/> Overbore to seal depth<br>Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent<br>Weld _____<br><input type="checkbox"/> Cemented between strata<br>Describe access port <u>through top of seal</u> | Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Diameter         | From                                                               | To              | <u>1/2</u> inches | <u>10 3/4</u> inches | <u>1</u> feet | <u>19</u> feet | _____ inches | _____ inches | _____ feet | _____ feet     | _____ inches | _____ inches | _____ feet | _____ feet | _____ inches  | _____ inches | _____ feet | _____ feet | <b>11. DRILLERS CERTIFICATION</b><br>I/We certify that all minimum well construction standards were<br>complied with at the time the rig was removed.<br>Firm Name <u>SHERMAN COUCH WELL DRILLING</u><br>340 Watna Vista Dr<br>Address <u>BURLEY IDAHO</u> Date <u>3-17-86</u><br>Signed by (Firm Official) <u>Sherman Couch</u> 09 1986<br>and<br>(Operator) <u>Sherman Couch</u> |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| Thickness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | From             | To                                                                 |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| <u>1/2</u> inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>10 3/4</u> inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <u>1</u> feet    | <u>19</u> feet                                                     |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _____ feet       | _____ feet                                                         |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _____ feet       | _____ feet                                                         |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | _____ inches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | _____ feet       | _____ feet                                                         |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |
| <b>6. LOCATION OF WELL</b><br>Sketch map location must agree with written location.<br><div style="text-align: center;">N<br/>W      E<br/>S</div> <div style="display: flex; justify-content: space-between;"><div>Subdivision Name _____</div><div>Lot No. _____ Block No. _____</div></div><br>County <u>twin falls</u><br><u>SW</u> 1/4 <u>SE</u> 1/4 Sec. <u>22</u> , T. <u>10</u> S. R. <u>17</u> E.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                                                                    |                 |                   |                      |               |                |              |              |            |                |              |              |            |            |               |              |            |            |                                                                                                                                                                                                                                                                                                                                                                                    |                 |  |  |    |    |                        |   |  |    |    |                 |  |  |    |    |                |  |  |    |    |                         |   |  |    |     |                 |  |  |     |     |                        |  |  |     |     |                  |  |  |     |     |                 |  |  |     |     |                       |   |  |     |     |                |  |  |     |     |                 |   |  |     |     |                 |  |  |     |     |                 |   |  |     |     |                |  |  |     |     |                  |  |  |     |     |                          |   |  |     |     |                  |  |  |     |     |                                                                    |   |  |     |     |                |  |  |     |     |                |  |  |     |     |                |   |  |     |     |                |  |



WELL # 1

→ P.O.D.



P.O.U.  
# 1

←



→

P.O.U.  
# 1

AUG 09 1996



— WELL #2  
P.O.D



WELL #3

P.O.D. ←

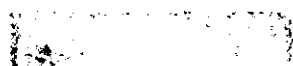


BATCH MIXING  
PLANTS  
→ (TRUCK STAGING)  
P.O.D.

AUG 00 1996

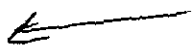


BATCH plant  
— OFFICE



AUG 09 1936

Aggregate  
Cooling  
+  
Dust  
Abatement  
P.O.U





State of Idaho

## DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

47-8023

CECIL D. ANDRUS  
GOVERNOR

R. KEITH HIGGINSON  
DIRECTOR

### MEMORANDUM

DATE: JULY 31, 1992 139368

TO: WATER RIGHT HOLDERS AND APPLICANTS IN TWIN FALLS  
LOW-TEMPERATURE GEOTHERMAL MORATORIUM AREA

FROM: NORM YOUNG

RE: EXTENSION OF MORATORIUM

Enclosed is a copy of an order extending the order designating the Twin Falls Low-Temperature Geothermal Moratorium Area. I appreciated the attendance of many of the users at the public information meeting on this matter held in Twin Falls last week. I understood those in attendance favored an extension of the moratorium, and some of the users were encouraging that the size of the area be increased and that additional actions be taken to protect artesian pressures. I indicated at the meeting that the moratorium would be extended without modification to keep its continuity and that IDWR will schedule as time and resources permit a review of the following matters:

- Expansion of the area.
- The need for repair or reconstruction of wells in and adjacent to the area.
- Evaluate the adequacy of the agreement to manage pumpage to prevent withdrawal in excess of the average rate of recharge or to maintain artesian pressures in the public interest.
- Review need for and adequacy of monitoring programs.

With respect to monitoring, the data recorded by the USGS from the well at the Nazarene Church is an important part of the information now being collected. The Church will soon be finished and will be using water from the well. Data from an unused well is more reliable for evaluating aquifer conditions. USGS and IDWR are evaluating alternatives for replacing this source of data. If you are aware of a well that is finished into the low-temperature geothermal aquifer and is not being used, please call Loren Holmes, IDWR Regional Manager at Twin Falls, a call at 736-3033.

AUG 09 1996

April 17, 1991

KLOEPFER INC.  
P.O. BOX 840  
PAUL, ID 833470000

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 47-08023

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. Enclosed is an order advancing the priority of the permit since the proof was received after the proof due date. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

If you have questions concerning this matter, please feel free to contact the SOUTHERN Regional Office in Twin Falls at (208)734-3578.

Sincerely,

Rita Fleck  
Secretary/Records Manager

c: IDWR - Region

Enclosure

RECEIVED  
AUG 05 1991

# WARNING

CANCELLED OR LAPSED

This permit has been officially CANCELLED or LAPSED.

Ninety days following the date of official action this file will be DESTROYED.

March 6, 1991

KLOEPFER INC.  
P.O. BOX 87  
PAUL, ID 833470000

LAPSE NOTICE

RE: PERMIT NO. 47-08023

Dear Permit Holder:

You are hereby notified that under the provisions of Section 42-218A, Idaho Code, the above referenced permit has lapsed and is of no further force nor effect. The department provided the proper forms to you in our proof due notice dated December 31, 1990. No further construction or additional development is authorized under this permit unless it is reinstated.

The permit can only be reinstated if you submit an acceptable proof of beneficial use or an acceptable request for extension of time to the department within sixty (60) days of the mailing of this lapse notice. An acceptable proof of beneficial use submittal must include the examination fee or a completed field examination report. A request for extension of time must be accompanied by a fifteen dollar (\$15) fee.

Enclosed again for your use are a proof of beneficial use form and a request for extension of time form. Please note that only one extension of time can be granted unless the project has not been completed because of lack of a necessary approval by a government agency or by litigation which may bring title to the water in question.

L. GLEN SAXTON  
Chief, Water Allocation Bureau

LGS:rf

Enclosures

RECEIVED  
AUG 05 1991

CERTIFICATION OF MAILING

Thereby certify that on 3-8-91  
a copy/an original of this document was  
deposited in the United States mail,  
postage prepaid addressed to the  
individual(s) named above.

138917

December 31, 1990

KLOEPFER INC.  
P.O. BOX 87  
PAUL, ID 833470000

PROOF DUE NOTICE

RE: PERMIT NO. 47-08023

Dear Permit Holder:

One of the conditions of approval of the above referenced water permit was that proof of the extent of your beneficial use must be submitted to this office on or before March 1, 1991. (See last page of your approved permit or your last approved extension request.) Enclosed is a form which when accompanied by the license examination fee or a complete field examination report prepared by a certified water right examiner may be used to submit the required proof.

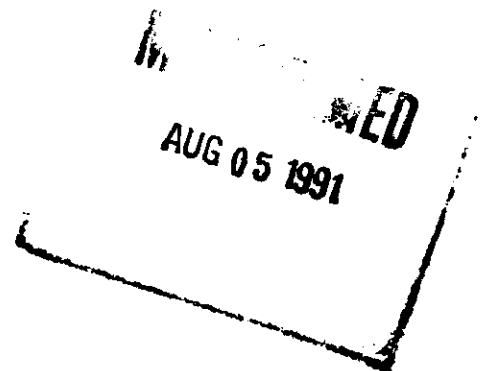
If you have not fully completed your project, and you or a previous owner of this permit have not received a prior extension of time, you may request an extension of time if the delay is for reasonable cause as provided in Section 42-204, Idaho Code. If you have been prevented from proceeding by a governmental agency or by litigation which might bring title to the water in question, more than one extension of time can be granted. An extension of time request form is enclosed for your convenience.

Either an acceptable proof of beneficial use submittal or an acceptable request for an extension of time must be received by this department on or before the above described proof due date. If neither is received, the department will send you a lapse notice. Within sixty (60) days of the mailing of the lapse notice, the permit will no longer be of any force nor effect.

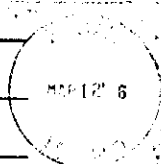
SINCERELY,

Rita Fleck  
Secretary/Records Manager

Enclosures



Klopp, Inc  
Box 87  
Paul, ID



PLACE  
STAMP  
HERE

MICROFILMED

AUG 05 1991



RECEIVED

MAR 13 1986

IDAHO DEPARTMENT OF WATER RESOURCES  
STATEHOUSE  
BOISE, IDAHO 83720

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
COMMENCEMENT OF WORKS

Permit No. 47-8023

Name(s) of Permit Holder(s): Kloepfer Inc

Post Office Address: P.O. Box 85

Paul, Idaho Phone No. 438-4525

☒ I hereby certify that construction of diversion works for the above referenced permit began on March 05, 1986 (date) **RECEIVED AUG 05 1991** understand that I must continue to develop the water system with due diligence to maintain a valid permit.

☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control\*:

\*Note: A financing difficulty is not an acceptable reason.

3-12-86  
Date

[Signature]  
Signature of Permit Holder

STATE OF IDAH  
DEPARTMENT OF WATER RESOURCES

- - - - -

STATEHOUSE  
BOISE, IDAHO 83720  
(208) 334-4440  
MARCH 06, 1986

KLOEPFER, INC.  
BOX 87  
PAUL, ID 83347

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 47-8023

DEAR PERMIT HOLDER:

ENCLOSED IS A COPY OF YOUR APPROVED APPLICATION FOR PERMIT. WE DIRECT YOUR ATTENTION TO THE CONDITIONS OF APPROVAL ON THE FOURTH PAGE.

PLEASE NOTE THE REQUIREMENT THAT AS A PERMIT HOLDER YOU MUST COMMENCE THE EXCAVATION OR CONSTRUCTION OF DIVERTING WORKS WITHIN ONE YEAR OF THE DATE THE PERMIT WAS ISSUED, AND YOU MUST PROCEED DILIGENTLY UNTIL THE PROJECT IS COMPLETED. THE ENCLOSED BLUE CARD MUST BE COMPLETED AND RETURNED TO THIS OFFICE AS SOON AS YOU COMMENCE CONSTRUCTION, NO LATER THAN ONE YEAR FROM THE DATE THE PERMIT WAS APPROVED.

WE HAVE ENCLOSED A FORM ENTITLED "INSTRUCTIONS FOR PROOF OF BENEFICIAL USE". PLEASE READ THE INSTRUCTIONS CAREFULLY SINCE YOU MUST TAKE FURTHER ACTION TO DEVELOP THIS PERMIT INTO A LICENSE.

SINCERELY,

DAVID R. TUTHILL, JR., P.E.  
SUPERVISOR, WATER ALLOCATION SECTION

DRT: SC  
ENCLOSURES

**MICROFILMED**

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
Southern Region

---

1041 Blue Lakes Blvd N.  
Twin Falls, Idaho 83301  
(208) 734-3578

JANUARY 22, 1986

Times News  
P. O. Box 548  
Twin Falls, Idaho 83301

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. We have allowed ample time for you to submit a galley proof to this office for review before the first publication date. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before FEBRUARY 17, 1986.

Yours truly,

Mary A. Newby  
Secretary

Encl.

**MICROFILMED**

NOTICE OF APPLICATION FOR WATER RIGHT

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

47-8023

KLOEPFER, INC.

BOX 87, PAUL, ID 83347

Source: GROUNDWATER

Diversion Pt: SWSWSE Sec 22 T 10S R 17E

Use: COMMERCIAL (0.2 CFS)

Date Filed: 01/17/1986

In: SWSE Sec 22 T 10S R 17E

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Southern Region, 1041 Blue Lakes Blvd. N. Twin Falls, Idaho 83301 on or before FEBRUARY 17, 1986

KEN DUNN, Dir.

Published 1/30 & 2/6/1986.

MICROFILMED

14:41

**NOTICE OF  
APPLICATION FOR  
WATER RIGHT**

The following applica-  
tion(s) have been filed to  
appropriate the public  
waters of the State of  
Idaho:

KLOEPFER, INC.  
BOX 87, PAUL, ID 83347  
Source: GROUND  
WATER

Diversion Pt: SWSWSE  
Sec 22 T 10S R 17E  
Use: Commercial (0.2  
CFS)

Date Filed: 01/17/1986  
In: SWSE Sec 22 T 10S R  
17E

The permit(s) will be  
subject to all prior water  
rights. Protests must be  
filed with the Director,  
Dept. of Water  
Resources, Southern  
Region, 1041 Blue Lakes  
Blvd. N. Twin Falls,  
Idaho 83301 on or before  
FEBRUARY 17, 1986.  
KEN DUNN  
Director

PUBLISH: **Thursdays,**  
January 30, and Febru-  
ary 6, 1986.

*ok  
muy  
1/29/86*