

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08516

Priority: August 10, 1986

Maximum Diversion Rate: 0.16 CFS
Maximum Diversion Volume: 23.4 AF

This is to certify, that STATE OF IDAHO
DEPT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PO BOX 7129
BOISE ID 837200000

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 1, 1986; and has submitted Proof of Beneficial Use on October 11, 1989. An examination indicates that the works have a diversion capacity of .310 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>
IRRIGATION	03/15 to 11/15	0.12 CFS	21.0 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	2.4 AF
	Totals	0.16 CFS	23.4 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSW , Sec. 5, Township 50N, Range 04W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
50N	04W	5	SWNW 0.5	SENW 2.5	NESW 2.5	6
			NWSW 0.5			
Total number of acres irrigated:						6

PLACE OF USE: DOMESTIC

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>
50N	04W	5
		NWSW

CONDITIONS/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 that 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.

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MAY 22 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 95-08516

CONDITIONS/REMARKS:

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. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.
6. Domestic use is for 1 home and 2 rest areas.

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 14th
day of April, 1992

Acting for R. Keith Higginson, Director

UNRECORDED
MAY 22 1992

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MAR 12 1992

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 95-08516

Department of Water Resources

Date of Priority: August 10, 1986

Maximum Diversion Rate: 0.16 CFS
Maximum Diversion Volume: 23.4 AF

Comes now STATE OF IDAHO

DEPT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PO BOX 7129
BOISE ID 837200000

and represents to the Director of the

Idaho Department of Water Resources:

That he is the owner and holder of Permit to appropriate the Public Waters of the State of Idaho No. 95-08516, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.12 CFS	21.0 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	2.4 AF
	Totals	0.16 CFS	23.4 AF

LOCATION OF POINT(S) OF DIVERSION:

NWSW , Sec. 5, Township 50N, Range 04W
KOOTENAI County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
50N	04W	5	SWNW 0.5	SENW 2.5	NESW 2.5	6
			NWSW 0.5			
				Total number of acres irrigated:		6

PLACE OF USE: DOMESTIC

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>
50N	04W	5
		NWSW

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State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 95-08516

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at Coeur d'Alene ID., this 10th day of March, 19 92.

David A. Asper
(Signature)
Dist R/w Supr.

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MAY 22 1992

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 95-08516

FOR DEPARTMENT USE ONLY

Preliminary check by SC Fee ☒ \$20.00

Receipted by dhb Date 3/12/92

#C023486

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 95-08516 with the following;

CONDITIONS/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 that 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. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.5 afa per acre for the lands above.
5. Domestic use is for 1 home and 2 rest areas.

Witness my hand this _____ day of _____, 19____.

Norman C Young

Acting for R. Keith Higginson, Director

MAY 28 1992

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF IDAHO

IN THE MATTER OF PERMIT NO. 95-8516 IN THE)
NAME OF IDAHO TRANSPORTATION DEPARTMENT) 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 September 1, 1989 ; and,

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

WHEREAS, the Department notified the permit holder that the permit lapsed for failure of the permit holder 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,

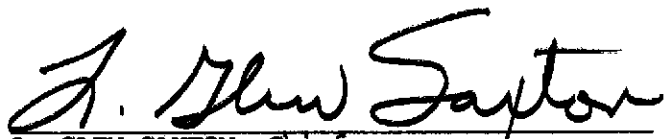
WHEREAS, the permit holder has provided a reasonable showing why the permit should be reinstated by submitting proof of beneficial use on October 11, 1989 ;

IT IS, THEREFORE, HEREBY ORDERED that Permit No. 95-8516 be REINSTATED and the priority advanced to August 10, 1986.

Dated this 10th day of January , 1990.

MICROFILMED

MAR 23 1990


L. GLEN SAXTON, Chief
Water Allocation Bureau

RECEIVED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

For Office Use Only
\$15 FEE Receipted by
Date 9-8-87
Receipt # 44559

SEP 03 1987 REQUEST FOR EXTENSION OF TIME

To provide additional time in which to submit proof
of beneficial use for a water right permit
Department of Water Resources

The Idaho Department of Water Resources will consider this form as a request that the permit holder(s) be granted an additional period of time in which to complete development of a water right under the provisions of Section 42-204, Idaho Code.

Permit No. 95-8516

Name(s) of Permit Holder: Idaho Transportation Department

Post Office Address: P.O. Box D, Coeur d'Alene, ID 83814

Telephone No. 664-8181

Date Proof is Due: September 1, 1987

Describe what work has been completed toward the development of this water right: PLANS AND
(This must be filled out! If no work has been completed, show "none".)

SPECIFICATIONS HAVE MADE. CONTRACT WILL BE AWARDED
IN SEPTEMBER OR OCTOBER.

Costing \$

The permit holder(s) has been unable to complete the remainder of the work for the following reasons:

Project still under development.

Permit holder(s) request an extension to Sept. 1, 19 89.
(1 yr. minimum)

[Signature] ADE
(Signature)*

FEE: \$15.00

*IF OTHER THAN PERMIT HOLDER,
POWER OF ATTORNEY MUST BE SUPPLIED.

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ACTION OF THE DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the above request for extension of time be APPROVED and the time within which to submit proof of beneficial use is extended to September 1, 1989.

Signed this 21st day of September, 19 87.

[Signature]
Chief, Operations Bureau

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

Ident. No. 95-8516

IR-90-1(166)8

Huetter Rest Area

Key No. 3346

To appropriate the public waters of the State of Idaho

APPROVED

1. Name of applicant Idaho Transportation Dept. Phone 664-8181

Post office address P.O. Box D, Coeur d'Alene, ID 83814
groundwater*

2. Source of water supply ~~Rathdrum Aquifer~~* which is a tributary of N/A

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

Sec. 5 Township 50N Range 4W B.M. Kootenai County; additional

*kw 8/11/1986

points of diversion if any:

4. Water will be used for the following purposes:

~~Domestic - P.O.E.~~

Deleted per phone conv. w/Dick Hernandez. RGH 7/1/86

Amount 0.10cfs for 2 Rest Areas purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

~~Domestic -~~

Amount 0.04cfs for Caretaker purposes from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.26cfs for Irrigation purposes from Apr. 1 to November 1 (both dates inclusive)
(cfs or acre-feet per annum)

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

0.30

5. Total quantity to be appropriated is (a) 0.40 and/or (b)
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Two (2) wells at 365', 8" casing,
stainless steel screen, 15 h.p. motor, 90 g.p.m. One existing, and one
be constructed.

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

c. Proposed well diameter is 8 inches; proposed depth of well is 365' 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

1 years (minimum 1 year).

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

- a. Hydropower; show total feet of head and proposed capacity in KW. N/A
- b. Stockwatering; list number and kind of livestock. N/A
- c. Municipal; show name of municipality. N/A
- d. Domestic; show number of households. 2 rest areas, P.O.E., Caretaker (1)
- e. Other; describe fully. _____

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	
50N	4W	5										D 6							6.0

Total number of acres to be irrigated 6.0

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

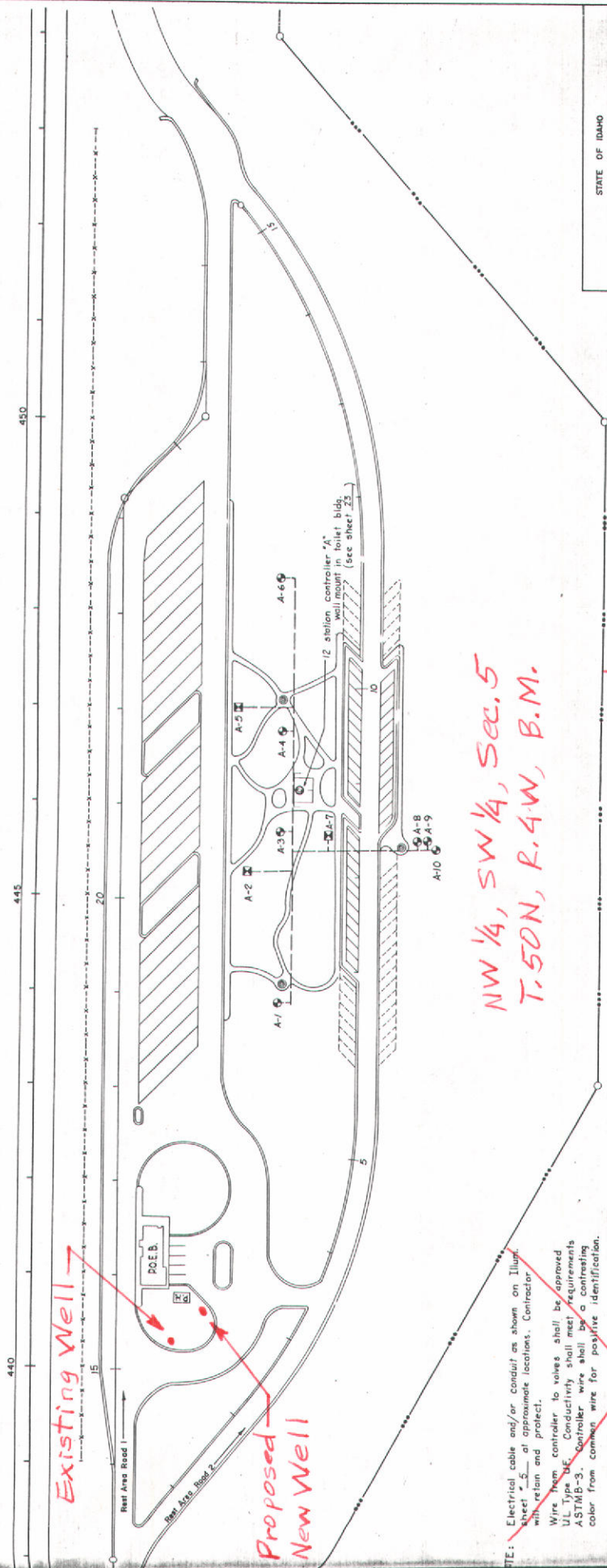
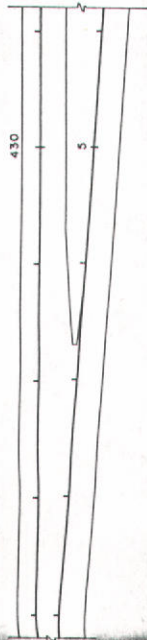
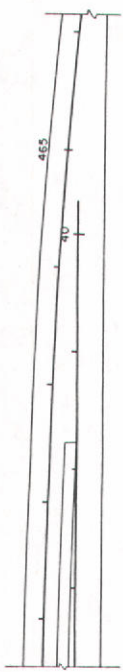
See Permit No. 95-7020.

11. a. Who owns the property at the point of diversion? Idaho Transportation Department
- b. Who owns the land to be irrigated or place of use? Idaho Transportation Department
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. N/A

12. Remarks: Proposed is to construct a new well, equivalent to existing well and plumbed together (see Permit No. 95-7020), to provide capabilities for irrigation of 2 rest areas, and domestic water for remodeled rest area facilities, port-of-entry, and a new caretaker's residence.

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FEDERAL ROAD DISTRICT	STATE	PROJECT NO.	SHEET NO.
8	IDAHO	1-90-H605	21
			10



Existing Well

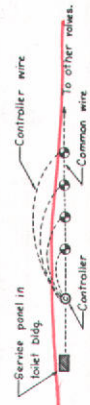
Proposed New Well

NW 1/4, SW 1/4, Sec. 5
T. 50N, R. 4W, B.M.

STATE OF IDAHO
DEPARTMENT OF HIGHWAYS

HUETTER P.O.E. &
REST AREA
~~SPRINKLER-SYSTEM~~
~~ELECTRICAL PLAN~~
EASTBOUND

COPIES 4/1/60 1/60 1/60 1/60



Detail not to scale.

WIRE CHART - Maximum lengths of wire run from automatic controller to valves.

WIRE SIZE AWG*	Number of wires	Maximum wire run
Controller Common	1	1950
" #14	2	975
" #12	3	650
" #10	4	2400
" #8	5	1200
" #6	6	800
" #4	7	520

* For Solenoid Valves, if Thermal Hydraulic valves are used, wire sizes shall be increased to compensate.

NOTE: Electrical cable and/or conduit as shown on Illum. sheet 25 at approximate locations. Contractor will verify and protect.
Wire from controller to valves shall be approved UL Type BE. Conductivity shall meet requirements ASTM-B-3. Controller wire shall be a contrasting color from common wire for positive identification.

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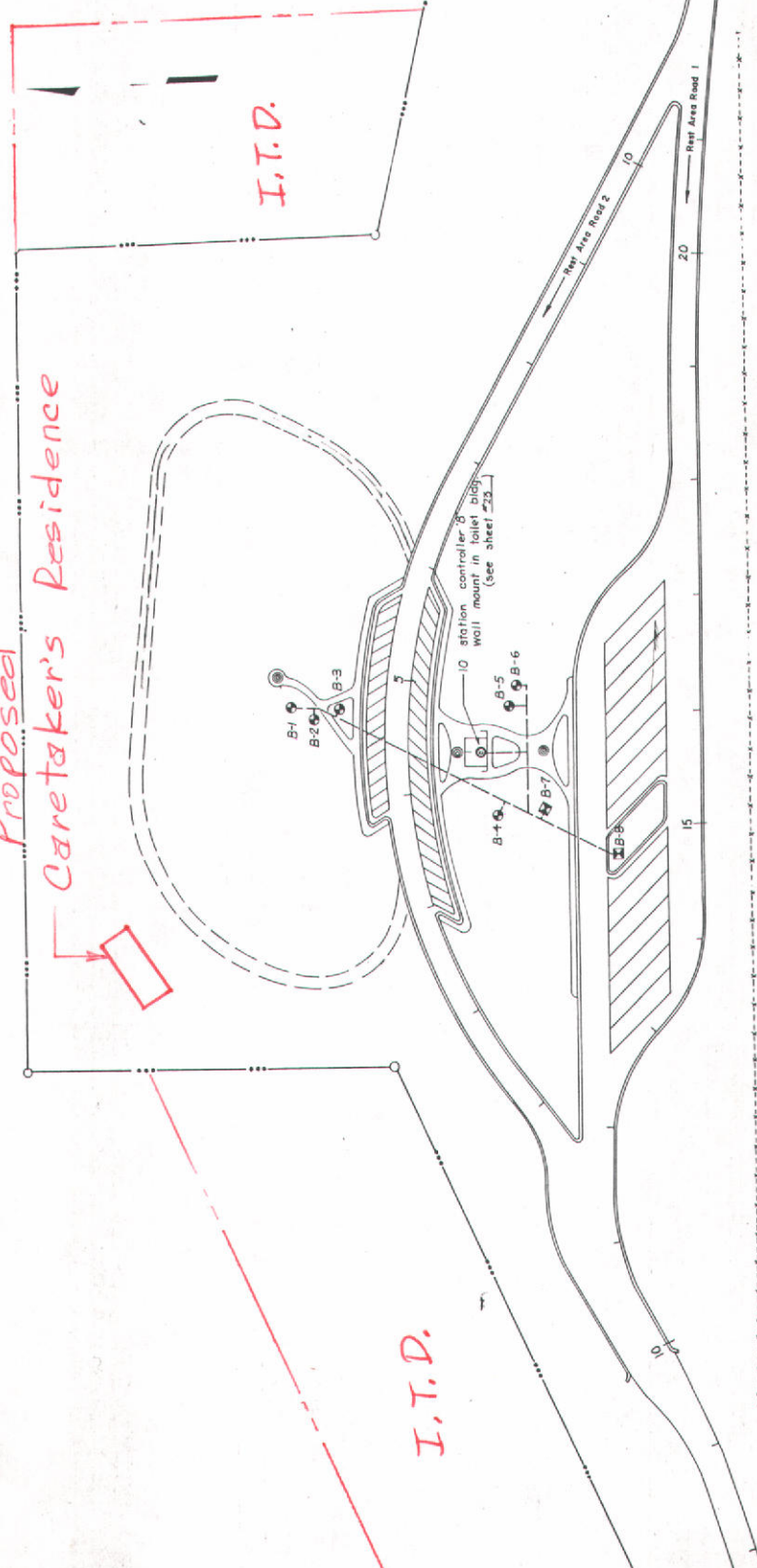
I.T.D.

1-30-1613-21 11

*Proposed
Caretaker's Residence*

I.T.D.

I.T.D.



~~NOTE: Electrical cable and/or conduit as shown on sheet 6 will retain and protect. Wire from controller to valves shall be approved UL Type UF. Conductivity shall meet requirements ASTM B-3. Controller wire shall be a contrasting color from common wire for positive identification.~~

STATE OF IDAHO
DEPARTMENT OF HIGHWAYS

HUETTER REST AREA

**~~SPRINKLER SYSTEM
ELECTRICAL PLAN~~**

WESTBOUND

Typical

Exhibit H
Quantities for
made in conc.
main quantity
1-30-1613-21 11

Course of Plans, Idaho

*NW 1/4, SW 1/4, Sec. 5
T. 50N, R. 4W, B.M.*

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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.

W. B. Road by K. Ewing
(Applicant)

Proposed Priority 7/1/86
Received by RCH Date 6/25/86 Time 4:00 PM Preliminary check by RCH
Fee \$ 45.06 Receipted by [signature] # 38037 Date 7/1/86
Publication prepared by [signature] Date 7/3/86 Published in 7/24/86
Publication approved [signature] Date 8/11/86

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. 95-8516, 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 September 1, 19 87.
- 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:

Witness my hand this 11th day of August, 1986.

[Signature]
Chief, Operations Bureau

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 28 1991

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 9508516

1. Owner: IDAHO TRANSPORTATION DEPT

Phone No. 664-8181

Current Address: Box D. COEUR DALENE, ID. 83814

2. Accompanied by: _____ EXAM. DATE: _____

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: GROUNDWATER tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: NONE 95-07020

☐ Copies Attached

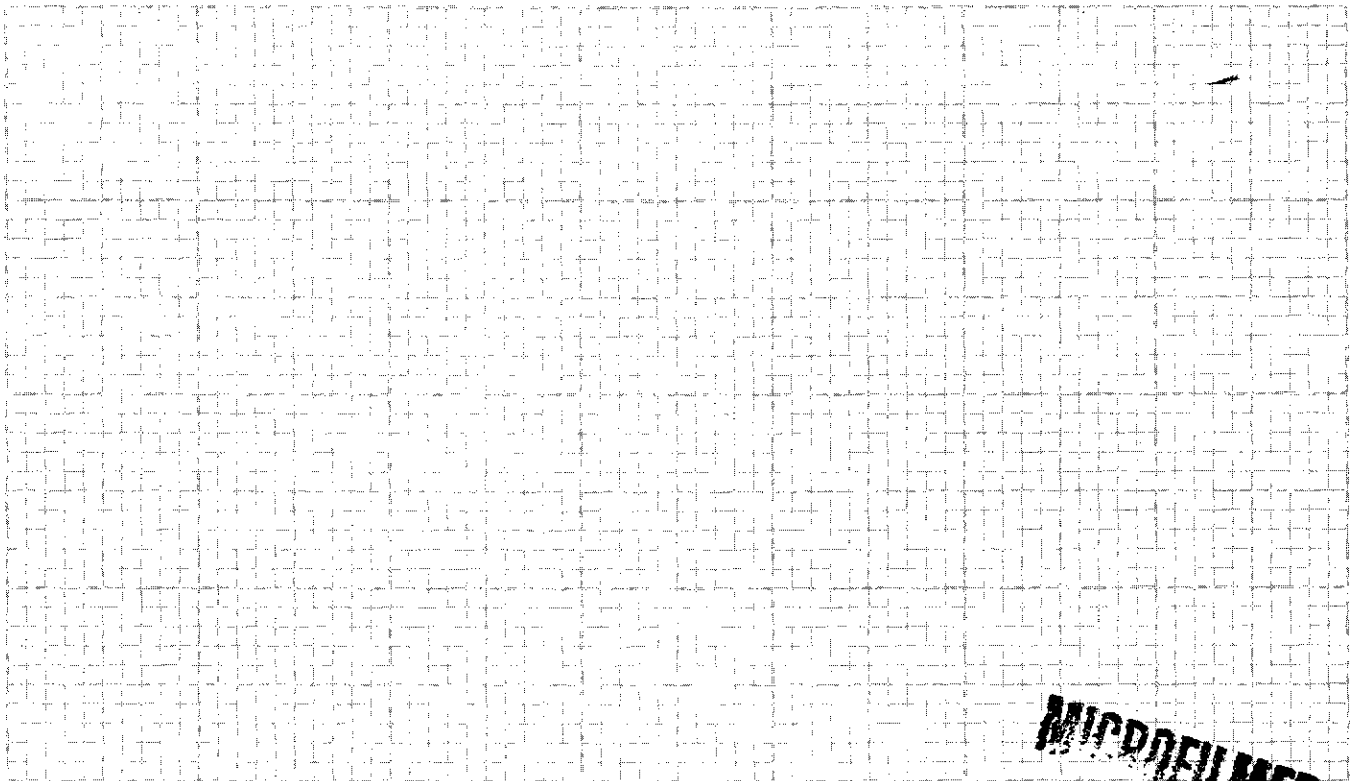
2. Other water rights with same point of diversion: NONE

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

1. **Diversion System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable. ☒ Alternative diagram attached



Scale: 1" = _____

2. ☒ Copy of U.S.G.S. Quadrangle Attached
Showing location(s) of point(s) of diversion and
place(s) of use (required).

☒ Photo of Diversion and System Attached
(required for all but single household domestic groundwater, and stockwater.

☐ Aerial Photo Attached
(required for irrigation of 10 acres or more).

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System Description (continued)

3. Narrative: Description (As operating at time of measurement. Indicate pressure, number of sprinklers, etc.)

AN 8" X 325' WELL w/SWL @ 251', A 3" LINE TO PRESSURE SYSTEM
THEN TO HOME, WELCH STATIONS, (2) REST AREAS & IRRIGATION SYSTEM

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
SUBMERSIBLE	-	15	-	-	3"

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

5. Point(s) of Diversion:

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
			NW	SW	5	50N	4W	KOOTENAI	MAP

6. Place(s) of Use:

Indicate Method of Determination MAP

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
50N	4W	5										D							
									1/2	2.5	2.5	1/2							6

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Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

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

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes:

$$\frac{8.8(15)70\%}{2.3(90)+251} = 0.31 \text{ cfs} \quad \text{SYSTEM CAPACITY}$$

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)

Total Head: (1) + (2) = _____ (3)

: Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)

Meter Input HP: (6) x 1.34 = _____ (7)

Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)

Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 6(3.5) = 21$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 1458 \times 58.3 = 84884$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 21$$

$$(0.3)(365)(1.9835) = 217.2 \text{ AFA MAX.}$$

2. Volume Calculations for Other Uses:

ONE HOME 0.6

2 REST AREAS - OPEN (24 HRS/DAY) (365 DAYS/YEAR.)

N. SIDE 8 COMMODES + 12 COMMODES = 20 COMMODES

2 URINALS + 2 URINALS = 4 URINALS

4 SINKS

S. SIDE 1 FOUNTAIN

8 SINKS

1 FOUNTAIN

= 12 SINKS

= 2 FOUNTAINS

$$\begin{aligned} 7 \text{ GAL/FLUSH} &= 800 \text{ gpd} \\ 2 \text{ GAL/FLUSH} &= 300 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \\ 1 \text{ GAL/FLUSH} &= 100 \text{ gpd} \end{aligned}$$

1.2 AFA

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MAY 22 1992

10

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRRIGATION	3-15	11-15	0.12	21.0
DOMESTIC	1-1	12-31	0.04	2.4
Totals:			0.16	22.4

☐ 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

Field Examiner's Name Tamara K. [Signature]
Signature _____
Certification Date 4/12/91
Field Report Preparation Date 5/21/91



K. Licensing recommendation shall be prepared by an Idaho Department of Water Resources employee on a computer printout attached hereto.

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MAY 22 1992



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MAY 22 1992

COUGAR BAY

State of Idaho
Department Of Water Resources
WELL INSPECTION FORM

If well is associated with water right, provide WR Permit No. 95-08516

Otherwise provide legal description and a sketch map and/or address so that the well can be located easily.

1. Legal Description of Well Location:

Twp. _____ N, Rge. _____ Sec. _____, _____ $\frac{1}{4}$ _____ $\frac{1}{4}$ Gov. Lot _____

2. Owner: _____

Address: _____,

City _____, State _____

3. Casing $\geq$ 12 inches above ground: Yes _____ No _____

4. Access Port:	Y ☒	N _____	Static Water Level:	<u>251</u>
Pressure Gauge:	Y ☒	N _____	Casing Diameter:	<u>8</u>
Flowing:	Y _____	N ☒	Temperature:	<u>✓</u>

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Y _____ N ☒

If answer to Item 5 is Yes, describe in remarks and attach photo.

Remarks : _____

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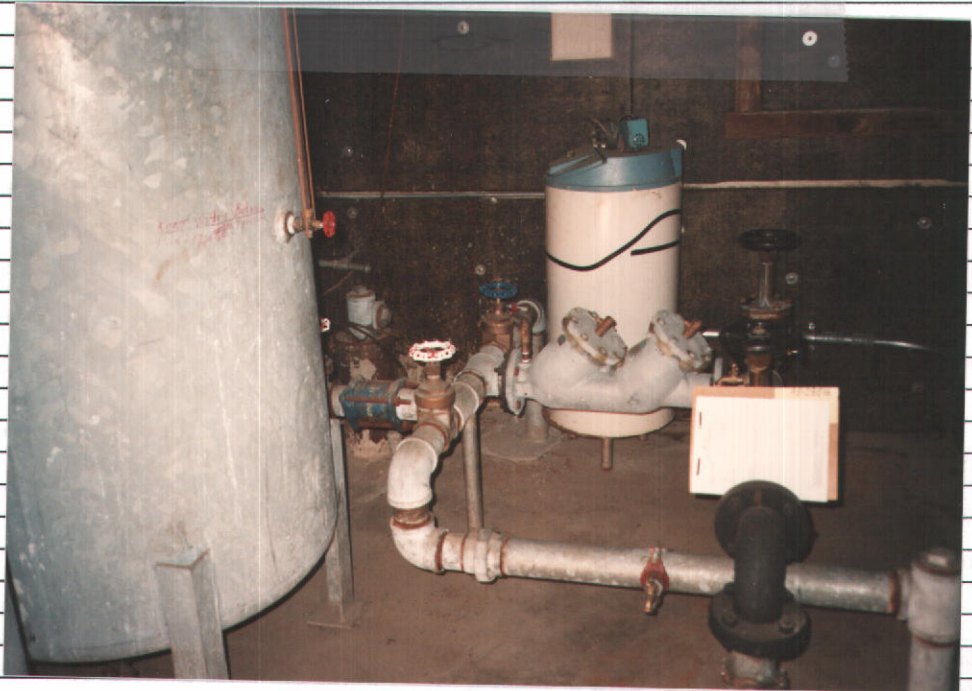
PERMIT # 95-8516

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS

HUETTER REST AREA

*SOUTH SIDE
PUMP HOUSE
INTERIOR*



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PERMIT # 95-8516

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS

HUETTER REST AREA

SOUTH SIDE

BY PUMP HOUSE
LOOKING S60°W
AT WELL HEAD
(SHOWN BELOW LAMP)



ACROSS ROAD FROM
PUMP HOUSE LOOKING
N70°E

VISITOR CENTER &
RESTROOMS



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PERMIT # 95-8516

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
FIELD REPORT SUPPLEMENT

PHOTOGRAPHS

HUETTER REST AREA

NORTH SIDE

IN FRONT OF REST
ROOMS / VISITOR CENTER
LOOKING SOUTH



AT EXIT
LOOKING EAST
CARETAKER TRAILER
IN TREES AT LEFT



MICROFILMED

MAY 22 1992

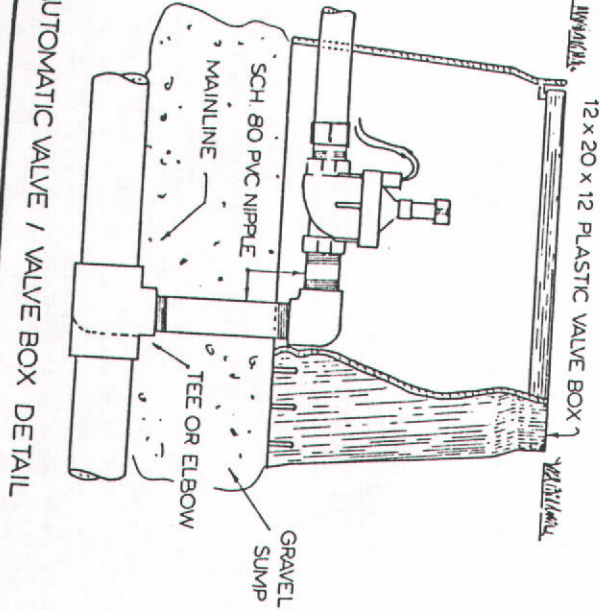
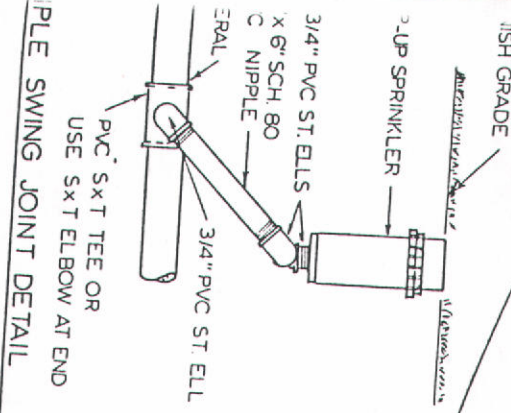
FEDERAL ROAD DISTRICT NO.	STATE	FEDERAL AID PROJECT NO.	TOTAL SHEETS	SHEET NO.
8	IDAHO		40	25

Revised As Const'd. 3-20-89

ROAD CROSSING FOR PUMP-START WIRE AND 24V CONTROL WIRE TO VALVE 'A11' (IN SEPARATE CONDUIT)

2" PVC SLEEVE UNDER CONCRETE

ACTUAL LOCATION 3" GALV MAINLINE



NOTE: REMOVE EXISTING VALVES (A) (B) USE FITTING FOR MAINLINE EXTENSION



IDAHO TRANSPORTATION DEPARTMENT
DIVISION OF HIGHWAYS
HUETTER REST AREA
IRRIGATION PLAN
EASTBOUND SITE

AS BUILT PLAN
AUGUST 1988

MODIFIED
MAY 22 1992

LEGEND and NOTES

SYMBOL	MODEL - DESCRIPTION	QUANTITY
(A)	RAIN BIRD RC-1860AB WALL MT. CONTROLLER	1
(B)	" " " " " "	1
(C)	" " " " " "	1
(D)	HUNTER RGP-360 FULL-CIRCLE SPRINKLER	28
(E)	PGP-ADJ PART	119
(F)	" " " " " "	237
(G)	3" GALV. MAINLINE	EXISTING
(H)	2 1/2" CL200 PVC MAINLINE EXTENSION	390 ft.
(I)	2" CL200 PVC LATERAL	1,500 ft.
(J)	1 1/2" " " " "	400 ft.
(K)	1 1/4" " " " "	1,100 ft.
(L)	3/4" " " " "	1,300 ft.
(M)	NO.14UF 24V CONTROL WIRE IN 1" CONDUIT	9,000 ft.
(N)	1 1/4" SCH 40 GALV WATER TO TRAILER	150 ft.
(O)	5 ft BURY YARD HYDRANT	420 ft.
(P)	WATER CONNECTION FOR TRAILER WITH SHUT-OFF AND DRAIN AT 5 ft DEPTH Ground KEY STOP & WASTE McDONALD MODEL 2702 OR APPROVED EQUAL	1

- TRADE NAMES AND MODEL NUMBERS ARE USED TO ESTABLISH QUALITY AND PERFORMANCE.
- QUANTITY OF MATERIALS SHOWN ARE FOR ESTIMATING ONLY.
- NUMBER NEXT TO EACH SPRINKLER INDICATES NOZZLE SIZE WHICH IS BASED ON RADIUS AND ARC OF COVERAGE. RADIUS AND ARC SHALL BE FIELD ADJUSTED TO MINIMIZE OVERSPRAY ON ROADS, BUILDINGS AND TABLE SLABS.

AS BUILT PLAN
AUGUST 1988

For Review

MICROFILMED
MAY 22 1992

STATE OF IDAHO
DEPARTMENT OF HIGHWAYS

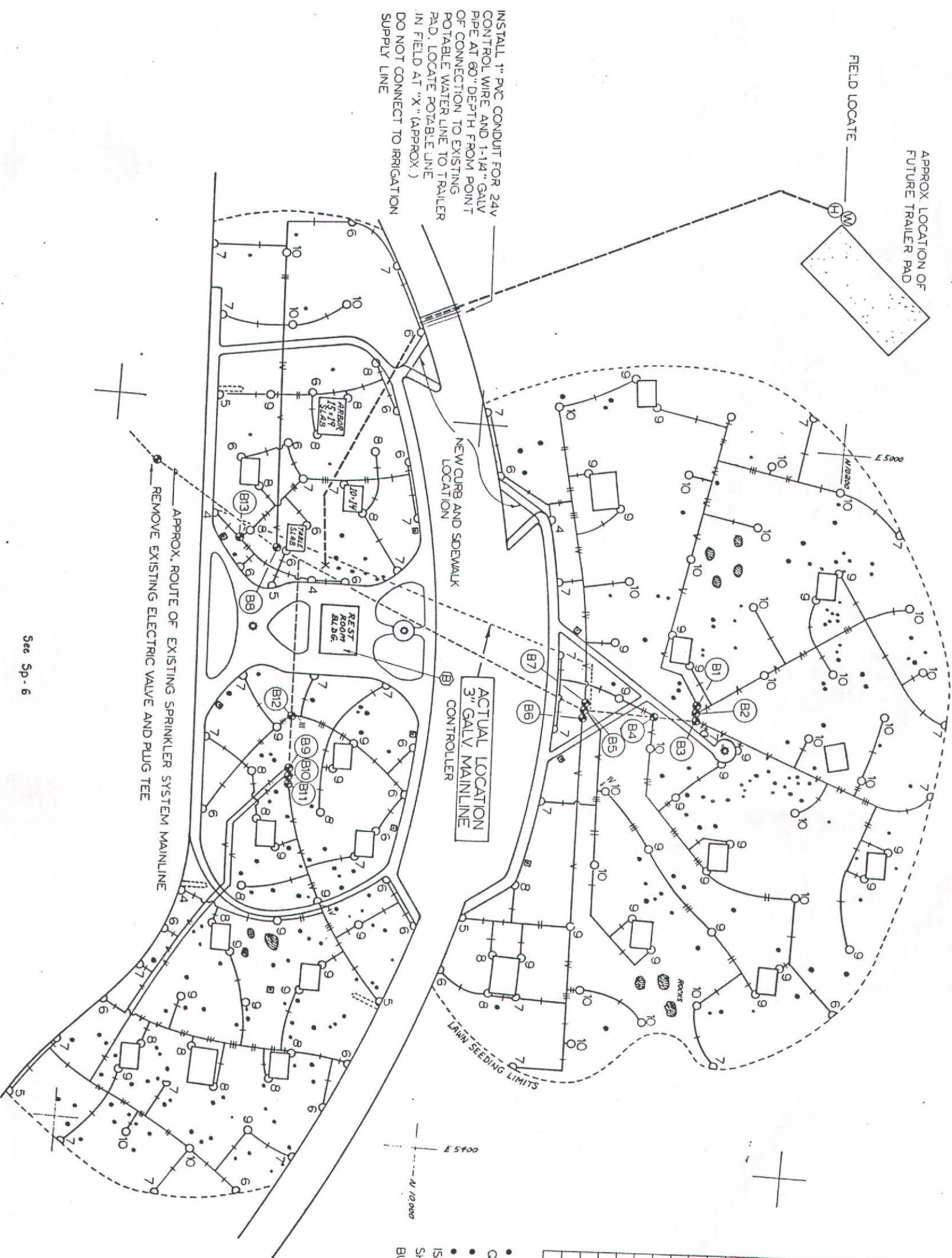
HUETTER REST AREA
IRRIGATION PLAN

WESTBOUND SITE

MARCH 1986
BOISE, IDAHO
SCALE: 1"=30'

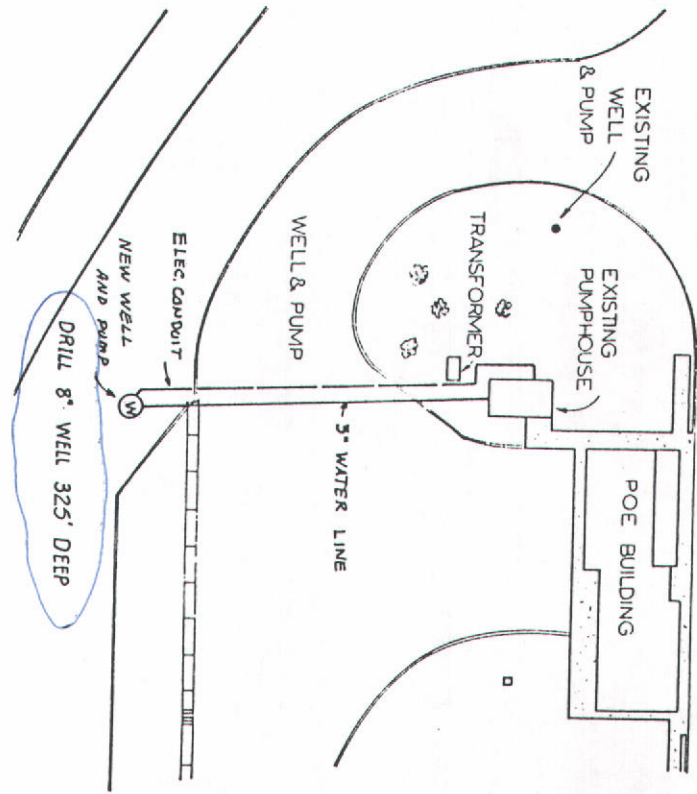
See Sp-6

5 20
0 10 30
SCALE

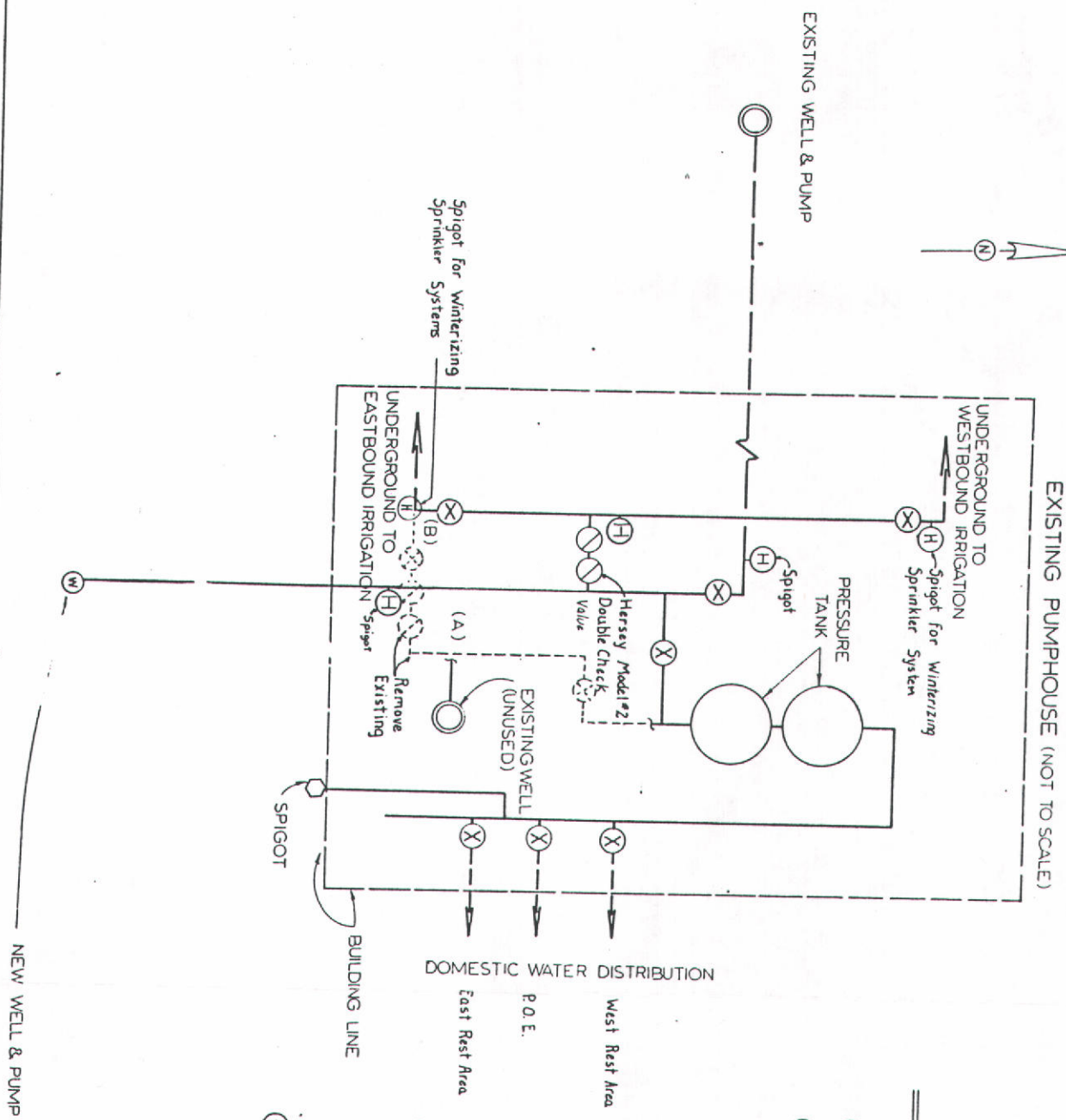


WATER SUPPLY LOCATION

EASTBOUND REST AREA



NOTED
MAY 22 1992



FEDERAL ROAD DISTRICT NO.		STATE	PROJECT NO.	SHEET NO.	SHEET TOTAL
10		IDAHO	3-28-89	40	27

Revised As Const'd 3-28-89

LEGEND & NOTES

- ⊗ — GATE VALVE
- ⊙ — CHECK VALVE
- INSTALL NEW 3\"/>
- INSTALL 3\"/>
- WIRE EXISTING PRESSURE SWITCH TO NEW PUMP STARTER. INSTALL TWO-POLE DISCONNECT SWITCH ON EACH PUMP START CIRCUIT TO ALLOW EITHER PUMP TO SUPPLY TO DEMAND.
- Ⓜ — INSTALL TWO (2) 3/4\"/>

See SP-7
SP-22
SSP-655

STATE OF IDAHO
DEPARTMENT OF HIGHWAYS
HULETTER REST AREA
IRRIGATION PLAN

1/80

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 95-8516

Date: 12/29/89

General Considerations:

☒ Name same as permit
OK Signature the same as permit holder
NO Address change If yes, prepare a data entry
NO Proof received timely
Reinstated

Source of Water:

☒ Surface water
☒ Groundwater
☒ 1. well log in file
☒ 2. drilling permit
☒ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

☒ Rate of diversion appropriate for uses
☒ Is rate or volume and fee appropriate?
☒ Has permit holder indicated when water was first put to a beneficial use?

Measuring Device:

NO Is a measuring device or access port required?
+ Has one been installed?
+ Waiver or modification of measuring device requested

Remarks:

Priority Calculation:

Date proof received Oct 11, 1989 284

Date proof due Sept 1, 1989 - 244

No. of days late = 40

Priority date July 1, 1986 + 188

NEW PRIORITY DATE Aug 10, 1986 = 222

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

RECEIVED
OCT 11 1989

For Office Use Only
Fee Received 50.00
Date 10/12/89
Receipt # C012149
Receipt by D.K.
Reviewed by SS-1/62/90
Sent to region

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 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.

Permit No. 95-8516

Name(s) of Permit Holder: Idaho Transportation Department, Division of Highways

Post Office Address: P.O. Box D

Coeur d'Alene Telephone No. 664-8181

Source of Water: Ground water 2 wells

Extent of Use:

Domestic 1 (number of households) Stockwater (number and type of stock)

Irrigation 6 (acres) Other/Remark 2 Rest Area Buildings & 1 Port of Entry

Total rate and/or volume for which proof is submitted 0.2 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: April 14, 1988

Measuring Device: Required? Yes ☒ No
Installed? Yes ☒ No

Fee enclosed \$
(See License Examination Fee Schedule)

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

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

Bob Ewing 664-8181
(Name) (Telephone Number)

P.O. Box D
Coeur d'Alene, Idaho
(Address)

MICROFILMED

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.

10-5-89
Date

R.L. Ewing District Water Engineer
Signature of Permit Holder (and title, if appropriate)

WELL 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.

1. WELL OWNER

Name State of Idaho
Address Dept of transportation
Owner's Permit No. 95-88-N-13
Water Permit 95-8516

7. WATER LEVEL

Static water level 251' feet below land surface.
Flowing? ☐ Yes ☐ No G.P.M. flow _____
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature _____ °F. Quality _____
Describe artesian or temperature zones below.

2. NATURE OF WORK

- ☒
- New well
- ☐
- Deepened
- ☐
- Replacement
-
- ☐
- Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☒ Pump ☐ Bailer ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
100	254' 11"	20
120	256'	4

3. PROPOSED USE

- ☒
- Domestic
- ☒
- Irrigation
- ☐
- Test
- ☐
- Municipal
-
- ☐
- Industrial
- ☐
- Stock
- ☐
- Waste Disposal or Injection
-
- ☐
- Other _____ (specify type)

4. METHOD DRILLED

- ☐
- Rotary
- ☐
- Air
- ☐
- Hydraulic
- ☐
- Reverse rotary
-
- ☒
- Cable
- ☐
- Dug
- ☐
- Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
<u>1/4</u> inches	<u>8</u> inches	<u>1 1/2</u> feet	<u>305</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ NoHow perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☒ Yes ☐ NoManufacturer's name JohnsonType Telescope Model No. _____Diameter 8 Slot size 40 Set from 305 feet to 320 feet

Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 20 Material used in seal: ☐ Cement grout☒ Bentonite ☐ Puddling clay ☐ _____Sealing procedure used: ☐ Slurry pit ☒ Temp. surface casing☐ Overbore to seal depthMethod of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

Weld

☐ Cemented between strata

Describe access port _____

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
8"	0	30	Coarse Sand + Gravel		
	30	70	Gravel + Cabbles		
	70	261	Coarse Sand + Gravel		
			Water at 247		
	261	325	Coarse Sand		

Set 15' of 40 slot

Screen with 5' of
Tail Pipe on bottom

MAY 27 1988

Department of Water Resources

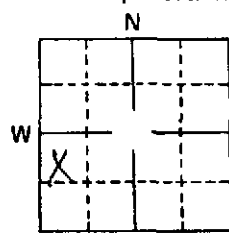
RECEIVED

APR 19 1988

Department of Water Resources
Northern District Office

6. LOCATION OF WELL

Sketch map location must agree with written



Subdivision Name

MAR 23 1990

Lot No.

Block No.

County RootenayNW 1/4 SW 1/4 Sec. 5 T. 50 N. S. R. 4 E. 10

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were
complied with at the time the rig was removed.Firm Name H2O Well Service Firm No. 448Address Hayden Idaho Date 4-18-88

Signed by (Firm Official)

and

(Operator)

Form 235-1
6/87

Drilling Permit No. 95-88-N-13
Water Permit No. 95-8516
Injection Permit No. _____

State of Idaho
Department of Water Resources

DRILLING PERMIT

RECEIVED
MAR 13 1988

(Authorizing Construction of a Well)* Department of Water Resources

1. Applicant IDAHO TRANSPORTATION
2. Address BOYD
COEUR D'ALENE, ID 83814
() Well Owner () Well Operator () Other, specify _____
3. Water right permit no. 95-8516; Injection well permit no. _____
4. Proposed well location 1/4 NW 1/4 Sec 5, Twp. 50N, Rge. 4W, County KOOTENAI,
Sec. 5, Twp. 50N, Rge. 4W, County KOOTENAI,
Lot, block and subdivision _____
5. Proposed use of well: (Check all that apply)
☒ Domestic () Stockwater () Monitoring
☒ Irrigation () Industrial () Municipal
() Injection () Other, Specify _____
6. Well construction information:
() New well () Deepen () Replace
Proposed surface diameter 8 Proposed depth 365'
Anticipated bottom hole temperature:
☒ 85 F or less (Cold water well)
() 85 F to 212 F (Low temp. geothermal well)
() 212 F or more (Geothermal well)
7. Anticipated construction start date _____
8. Well driller (if known) H2O WELL SERVICE
Address HAYDEN LAKE
Date 3/16/88 Applicant's signature John Wheeler #448
Title owner of H2O

MICROFILMED

MAR 23 1990

* After other pre-requisite approvals have been obtained.

12000

☒ Approved () Denied

The approval of this permit authorizes the construction of a well as described on this application subject to the conditions on this permit.

GENERAL CONDITIONS:

1. The well must be constructed in compliance with the applicable statutes, specific conditions of approval shown on the water right permit, injection well permit, transfer or amendment and the rules and regulations of the Department for water appropriation, injection wells and well construction standards.
2. This drilling permit is valid for two (2) months from its date of issuance for the start of construction and is valid for one (1) year from the date of issuance for completion of the well unless an extension has been granted.
3. The permit holder or his representative shall notify the Department ten (10) days prior to the start of construction unless good cause for later notification can be shown.
4. The well shall be constructed by a driller currently licensed in the State of Idaho who must maintain a copy of the drilling permit at the drilling site.
5. Issuance of this drilling permit does not authorize trespass on the land of another party.
6. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.

SPECIFIC CONDITIONS:

Dated this 16 day of March, 1988.

Signed *Robert D. Hayes*
Title **REGIONAL SUPERVISOR**

Received by *KK* Fee *100.00* Date *3/16/88*

Receipt No. *41976* Construction start date *MAR 23 1990*

Construction start extension to _____

Extension approved by _____

STAFF REVIEW SHEET - EXTENSION OF TIME

Permit No. 95-8516Reviewed by [Signature]Date 9-21-1987

BASIC INFORMATION

Y Date stamp received
Y Extension received timely
 (not prior to 6 month before proof due date or after reinstatement period)
Y Fee received and receipted
Y Name and signature same as permit
N Address change (indicate on coding sheet)

BASIS FOR EXTENSION REQUEST

Y Has adequate work been completed to demonstrate due diligence?
Y Has the cost incurred been adequate to demonstrate an intent to complete the project?
N/A Has the permit been involved in litigation?
 a. Swan Falls _____ Dismissed from Swan Falls _____
 Other _____ Identify _____
 b. Is supporting documentation needed to complete the file? _____
 Requested _____
 c. Calculate the period of delay

Date litigation completed _____

Date litigation began _____

Total period of delay = _____

Present proof due date + _____

NEW PROOF DUE DATE = _____

N/A Is delay by a government agency?
 Is supporting documentation needed to complete the file? _____
 Requested? _____

ACTION TAKEN

- *Recommend approval based on due diligence for 2 years*

Special conditions or remarks:

N/A Reinstatement Date extension received _____ = _____
 Proof due date _____ = _____
 No. of days late _____ = _____
 Priority date _____ = + _____
 ADJUSTED PRIORITY DATE _____ = _____

Y Prepare coding sheet
Y Change rolodex cardf

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: QYN

APPLICATION NUMBER: 85-8516

CHECK:

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ Quantity of water and period of use.
☒ Description of diverting works.
☒ Time required for beneficial use of water.
☒ Place of use or acres irrigated.
☒ Map.
☒ Signature.
☒ Fee.
☐ Yes ☒ No Field check required.
☐ Yes ☒ No Critical groundwater area.
☐ Yes ☒ No Request dam safety information. Sent by: _____ Date: _____
☒ Yes ☐ No* In form to receipt.

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

- ☐ Idaho State Health Department.
☐ Idaho Fish and Game Department.
☐ Idaho Department of Lands.
☐ U.S. Bureau of Land Management.
☐ U.S. Forest Service.
☐ Other _____

Copies sent by: _____ Date: _____

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☐ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising. 7/28/86 8/4/86
Final date for protests: _____
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 7/25/86
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☐ Yes ☒ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
7/11/86 8/6/86 Date of priority recommended.
Special conditions of approval or cover letter. _____

see letter of 7/1/86 for justification
of irrigation rate - water will
be utilized as done in parcel which
we allow a greater amount -

By: QYN

Date: 8/4/86

STATE OFFICE REVIEW:

L/L

- ☐ See attached sheet for more information.

By: fw

Date: 8/11/86

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AUG 07 1986
Department of Water Resources