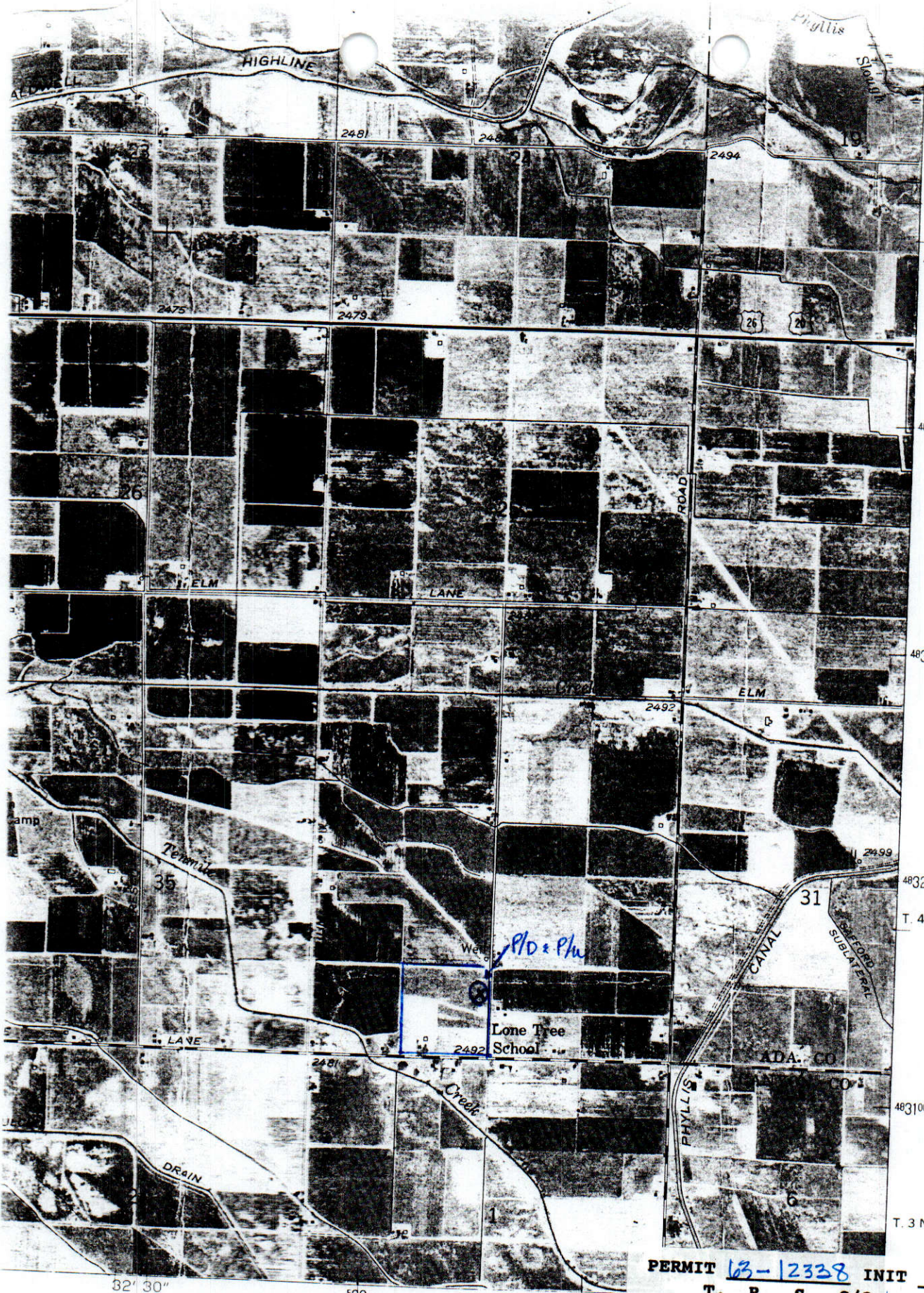




T4N
T3N

PERMIT 123-12338 INIT igl
T. R. S. Q/Q
P/D 4N 2W 36 SESW
SCALE _____
PHOTO ID. X-6

NO govt lots
AL-86 5/29/96
9 1996

1 MILE
1000 FEET
METER

Obtained
from
Bureau of
Land
Management
Bureau of
Reclamation
Bureau of
Indian Affairs
Bureau of
Geography
Bureau of
Census
Bureau of
Economic
Analysis
Bureau of
Energy
Bureau of
Environmental
Protection
Bureau of
Health
Bureau of
Housing
Bureau of
Labor
Bureau of
Marine
Bureau of
Metals
Bureau of
Mineral
Bureau of
National
Security
Bureau of
Oceanic
Bureau of
Recreation
Bureau of
Science
Bureau of
Social
Bureau of
Statistics
Bureau of
Transportation
Bureau of
Veterans
Bureau of
Weather
Bureau of
Wildlife
Bureau of
Yards
Bureau of
Zoning

Closed System
RECEIVED
FEB 27 1998

Department of Water Resources

Mint Still

Condensers (More than one)

Pressure
Regulating
Control
Recycling
Line

PRV

Flow
Meter

Boiler

(Steam)

VAT

oil &
water
Vapor

liquid
oil &
water

(Hot)

Flow Meter

Mint
oil
drum

Separators

Infiltration
Pond

Well

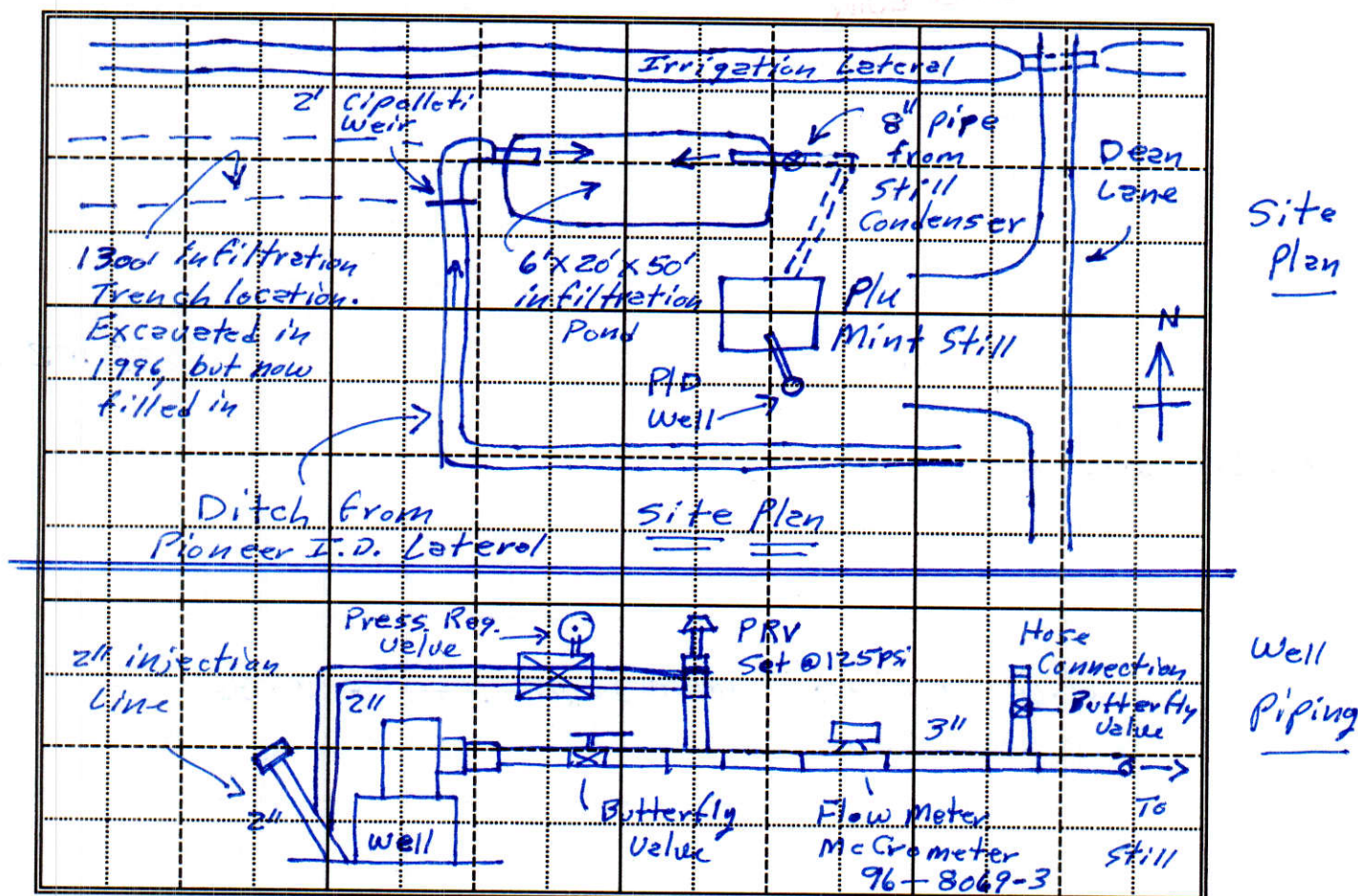
Mint
Leaves

MICROFILMED
JUN 03 1999

DT
2-25-98

WOODARD 63-12338

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



Scale: 1" = No 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
	Franklin	25	Model	Grunfos	Model
			8211F120		375S250-4

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

D. FLOW MEASUREMENTS

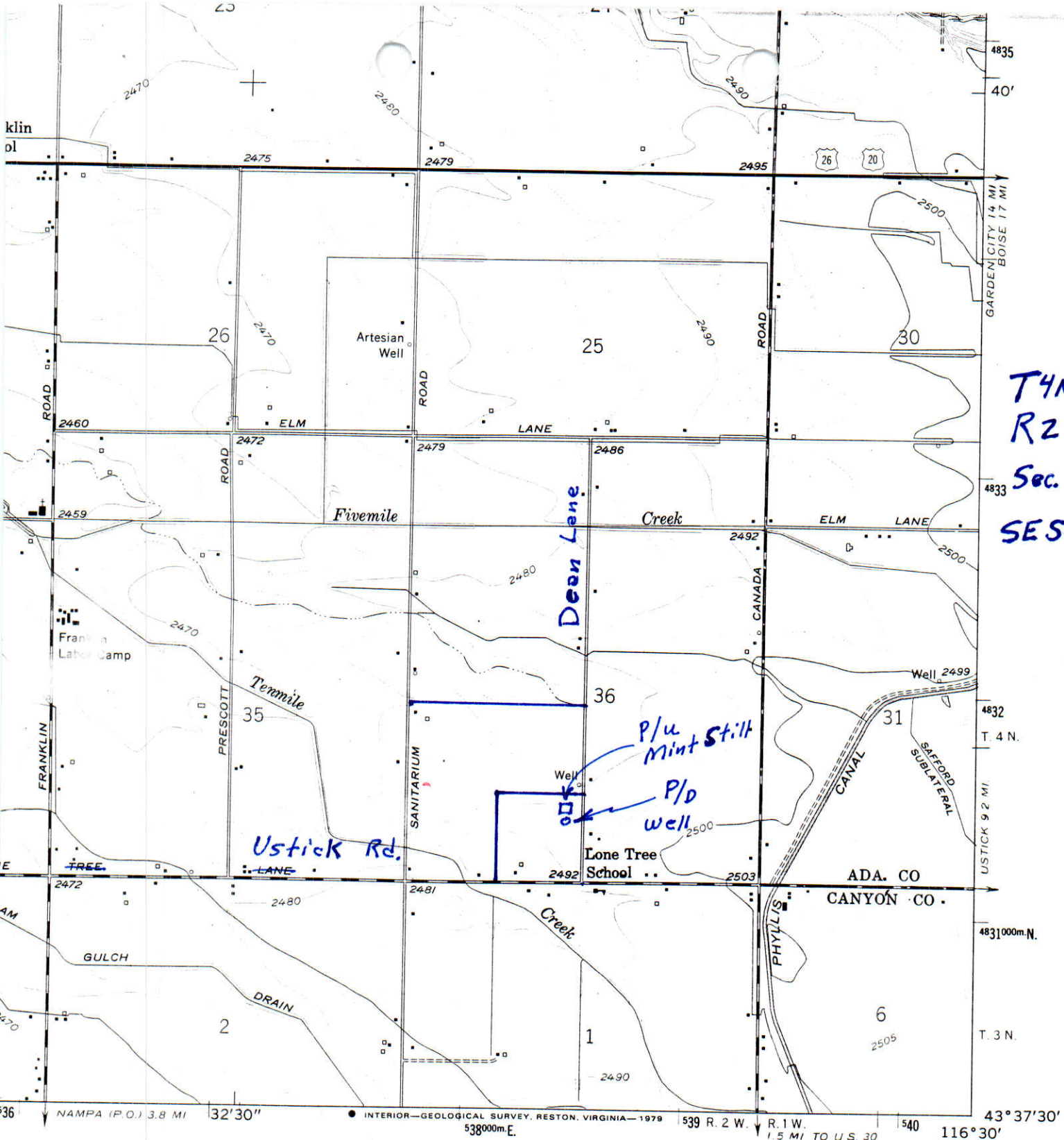
1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter at well	3"	McCoy-Meter	96-8069-3			
2' Cipolletti Weir	for	irrigation ditch.				

2. Measurements: None - Still was not operating

MICROFILMED

JUN 6 3 1999



T4N
R2W
Sec. 36
SESW

Dean Lane

P/u Mint Still

P/d well

Ustick Rd.

No Gov. Lots

ROAD CLASSIFICATION

- Heavy-duty —————
- Medium-duty —————
- Light-duty —————
- Unimproved dirt - - - - -

- U. S. Route
- State Route
- Interstate Route

MICROFILMED
JUN 13 1999

63-12338

MIDDLETON, IDAHO
N4337.5-W11630/7.5

1958
PHOTOREVISED 1971
AMS 2671 II NE-SERIES V893

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

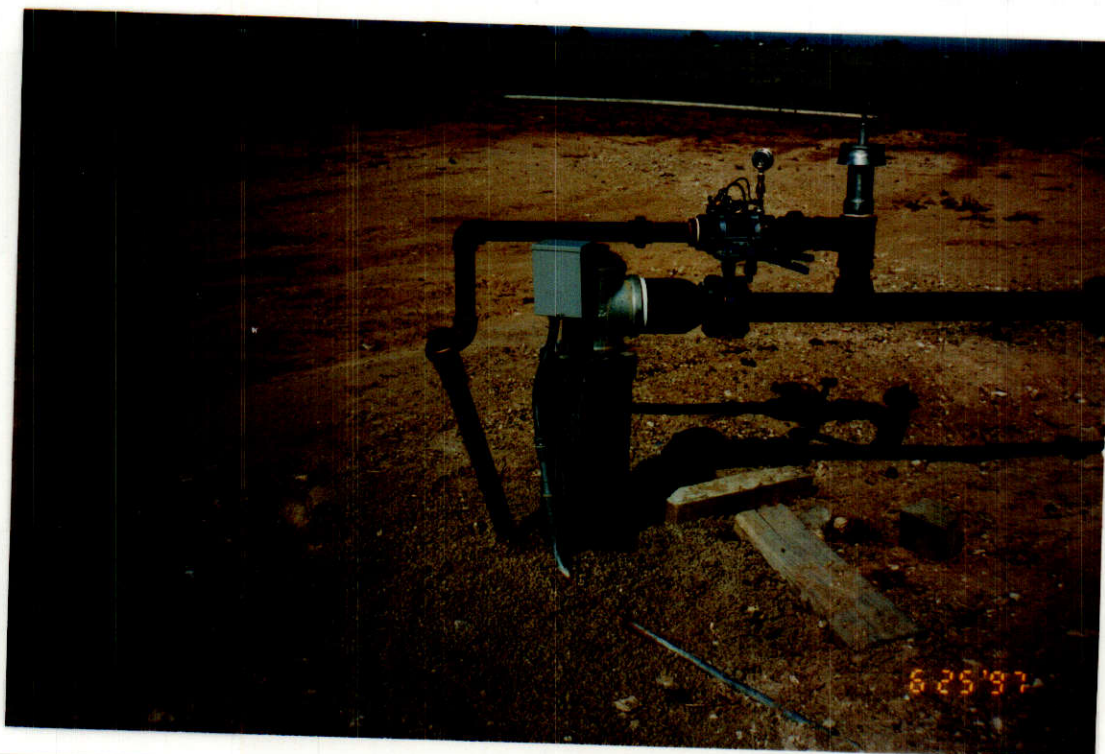
9. REMARKS:

Well is used for mint still. Excess water from still is injected back into ~~the~~ well through a 2" steel return pipe.

Jan Tamm Water Rights Examiner
Signature of Dept. Representative & Title

6-25-97
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



MICROFILMED

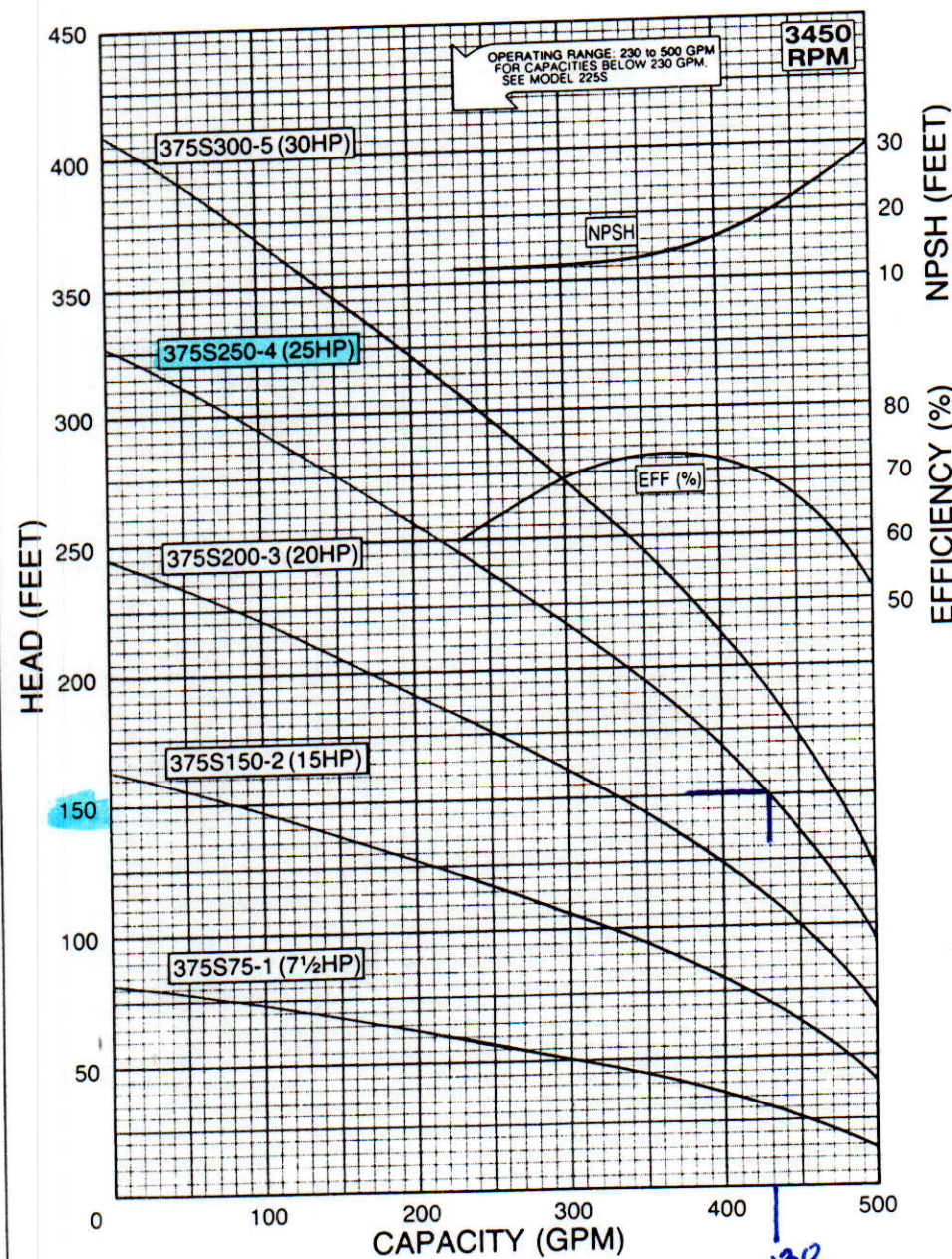
JUN 03 1998

GRUNDFOS

375 GPM

MODEL 375S

PERFORMANCE CURVES



FLOW RANGE
230 to 500 GPM

PUMP OUTLET
4" NPT



DIMENSIONS AND WEIGHTS

MODEL NO.	HP	MIN. WELL SIZE (INCHES)	LENGTH (INCHES)	MAX. WIDTH (INCHES)	APPROX. UNIT SHIPPING WT. (LBS.)
375S75-1	7½	8	44 7/8	7 1/8	153
375S150-2	15	8	53 1/8	7 1/8	181
375S200-3	20	8	60	7 1/8	197
375S250-4	25	8	66 7/8	7 1/8	226
375S300-5	30	8	73 3/4	7 1/8	245

NOTES:

Specifications are subject to change with notice.

See Deep Set models for higher head.

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JUN 03 1999

63-12338

1 of 3

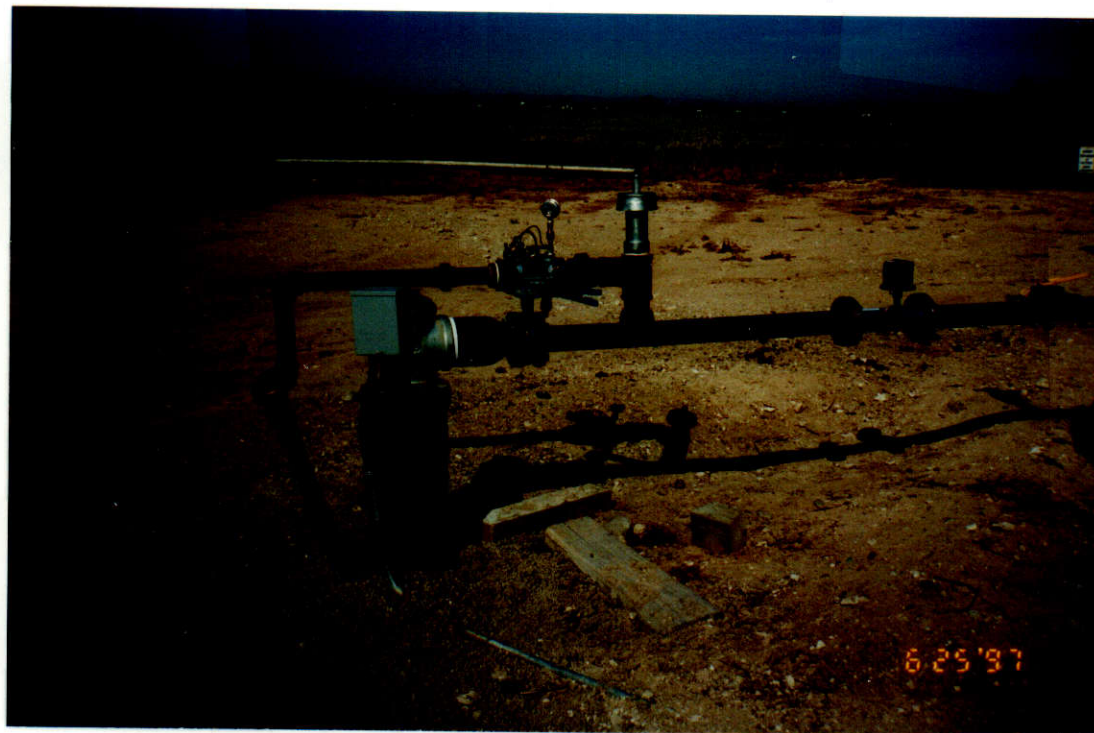
P/O

Well

Note flow
meter (Blue),
and 2" injection
pipe.

View

Looking
West.



P/u

Mint Still.

Infiltration
Pond at
left.

View

Looking
Southeast.



RE FILMED

03 1999

63-12338



P/u
Infiltration
Pond

8" pipe in
foreground
is from
mint still
condensers.

8" pipe in
background
is from
irrigation
ditch.

View
Looking
West

Note 1300' infiltration ditch, which
was filled in in Oct. 1996.



P/u
Infiltration
Pond
8-15-96

During
mint
still
operation.

Inflow is
from 8"
pipe from
condensers.

REFILMED

1999
63-12338

8-15-96 Photo
by Steve Woodward.

3 of 3

P/O

Plu

Well in
foreground
and

Mint
Still

View
Looking
North



Place of
Measurement

2' Cipolletti
Weir in
irrigation
ditch
from
Pioneer
I. D.
Lateral.

(For
Mitigation)

63-12338



MICROFILMED

JUN 03 1999

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
 County of Canyon) SS.

Carolyn Spath

of Nampa, Canyon County, Idaho, being first duly sworn, deposes and says:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was over the age of eighteen years, and not a party to the above entitled action.
2. That I am the Principal Clerk of the Idaho Press-Tribune, a daily newspaper published in the City of Nampa and Caldwell, in the County of Canyon, State of Idaho; that the said newspaper is in general circulation in the said County of Canyon, and in the vicinity of Nampa and Caldwell, and has been uninterruptedly published in said County during a period of seventy-eight consecutive weeks prior to the first publication of the notice, a copy of which is hereto attached.
3. That the notice, of which the annexed is a printed copy, was published in said newspaper
Twice

— in the regular and entire issue of said paper, and was printed in the newspaper proper, and not in a supplement.

4. That said notice was published the following dates:
June 5, 12, 1996

Carolyn Spath

STATE OF IDAHO)

COUNTY OF CANYON)

On this 12th day of June
 in the year of 1996, before me, a Notary Public, personally appeared Carolyn Spath, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he/she executed the same.

Janet Lusk
 Notary Public for Idaho
 Residing at Nampa
 MY COMMISSION EXPIRES
 JUNE 21st, 1997

NOTICE OF APPLICATION FOR WATER RIGHT
 The Following application(s) have been filed to appropriate the public waters of the State of Idaho:

WOODARD, STEPHEN E
 18139 DEAN LN
 NAMPA, IDA 83687-8135
 Source: GROUNDWATER
 Diversion Pt: SESW Sec 36 T 04N R 02W in CANYON County.
 Use: COMMERCIAL (0.500 CFS)
 Total Diversion (0.500 CFS)
 Date Filed: 5/15/1996
 In: CANYON County
 T04N R02W S36 SESW

Water bearing zone to be appropriated is to level of first confining layer, about 100'.
 Use to be mitigated by reducing existing irrigation and returning pumped water to water bearing zone.
 Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Western Region, 2735 Airport Way, Boise, Idaho 83705 together with a protest fee of \$25.00 on or before JUNE 24, 1996. The protestant must also send a copy of the protest to the applicant.
 KARL J. DREHER, Director
 June 5, 12, 1996

3885

RECEIVED
 JUN 25 1996

WATER RESOURCES
 WESTERN REGION

AUG 09 1996

WELL DRILLER'S REPORT

State law requires that this report be filed with the State Reclamation Engineer
within 30 days after completion or abandonment of the well.

1. WELL OWNER

Name Frank HillisAddress Rt 2 Pampa

Owner's Permit No. _____

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

- ☒ Domestic ☐ Irrigation ☐ Test
☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

- ☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 6 inches Total depth 199 feetCasing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>250</u> inches	<u>6</u> inches	<u>0</u> feet	<u>172</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☐ Yes ☒ No

How perforated? ☐ Factory ☐ Knife ☐ Torch

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet

7. WATER LEVEL

Static water level 13 feet below land surfaceFlowing? ☐ Yes ☒ No G.P.M. flow _____

Temperature _____ °F Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped
_____	_____	_____
_____	_____	_____
_____	_____	_____

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
6"	0'	8'	top soil - hard pan		
	8	33	sand & gravel		
	33	73	coarse yellow sand		
	73	77	hard yellow clay		
	77	94	yellow sand		
	94	106	white sand		
	106	115	sandy yellow clay		
	115	138	fine brown sand		
	138	154	sand & some joint clay		
	154	160	hard yellow clay		
	160	171	sand & some joint clay		
	171	188	yellow clay		
	188	199	sand with joint clay		

RECORDED

AUG 09 1996

State of Idaho
Department of Water Resources
Water Right License
WATER RIGHT NO. 63-12338

Priority: May 15, 1996

Maximum Diversion Rate: 0.33 CFS

Maximum Diversion Volume: 13.1 AF

This is to certify, that STEPHEN E WOODARD

18139 DEAN LN

NAMPA ID 83687-8135

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 15, 1996; and has submitted Proof of Beneficial Use on May 20, 1997. An examination indicates that the works have a diversion capacity of 0.960 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	07/01 to 10/01	0.33 CFS	13.1 AF
------------	----------------	----------	---------

LOCATION OF POINT(S) OF DIVERSION: SESW , Sec. 36, Township 04N, Range 02W
CANYON County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

04N 02W 36

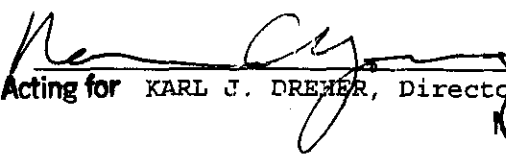
SESW

CONDITIONS OF APPROVAL AND REMARKS

1. Each year the right holder shall divert 11.5 acre feet of surface water received from Pioneer Irrigation District into a recharge pond. The right holder shall also divert all unconsumed groundwater diverted under this right into the recharge pond. Diversion of water into the recharge pond shall be managed such that no water flows from the pond. The right holder shall maintain records showing dates and amounts of Pioneer Irrigation District water and groundwater diverted into the recharge pond.
2. A measuring device of a type approved by the Department shall be permanently installed and maintained at the point of diversion from the well and at the inlet to the recharge pond.
3. Commercial use is for a mint still.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be administered in accordance with Idaho law and applicable rules of the Department of Water Resources. Signed and sealed this 30TH day of

APRIL, 1999.

Acting for  KARL J. DREHER, Director

MICROFILMED

JUN 03 1999

STATE OF IDAHO
 DEPARTMENT OF WATER RESOURCES

RECEIVED

PROOF OF BENEFICIAL USE MAY 20 1997

The Idaho Department of Water Resources considers this form 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, when necessary, or be accompanied by a completed field examination report prepared by a certified water right examiner who has been appointed by the department.

1. Permit No. 63-12338 Telephone No. (208) 466-6008
2. Name(s) of Permit Holder(s): Stephen E. Woodard
3. Mailing Address: 18139 Dean Lane Nampa, ID 83687
4. Source of Water: Groundwater If GROUNDWATER (well), Date Drilled: mo. 7 yr. 96
- a. Well Driller: Pete Cope Drilling Co., Inc. Drilling Permit Number: 63-96-W-0479
- b. **OPTIONAL:**
 Pump Horsepower: 25 Pressure (psi): 55 Dynamic pumping level (ft): 25

5. Use(s) (as authorized by the water right permit):

Domestic (No. of households): _____ Stockwater (No. and type of stock): _____

Irrigation (No. of acres): _____ Other: Commercial

 6. Total rate of diversion and/or volume for which proof is submitted: 0.50 cfs OR _____ acre fee:

7. Measuring Device Requirement: (refer to the approval conditions on your permit and respond accordingly)

(This question is not optional. Please check either yes or no. Proofs returned not checked accordingly, will be considered incomplete)

Measuring Device: Is a measuring device required? Yes X or No _____
 Has the measuring device been installed? Yes X or No _____

Flow Measurement Port: Is a flow measurement port required? Yes _____ or No X
 Has the measurement port been installed? Yes _____ or No X

 8. Fee Enclosed: \$ 100 (See Fee Schedule on back of the instructions for filing proof of beneficial use)

9. Person to contact to accompany the Department representative during field examination of the water system.

Name: Steve Woodard Telephone Number: (208) 466-6008

Address: 18139 Dean Lane Nampa, ID 83687

10. The information given on this form 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.

 Signature of permit holder: Stephen E. Woodard
 (include your title, if on behalf of company or organization)

 Date: 2/24/97

JUN 25 1997

State of Idaho
Department of Water Resources
Permit To Appropriate Water
NO. 63-12338

Proposed Priority: May 15, 1996

Maximum Diversion Rate:

0.50 CFS

This is to certify, that **STEPHEN E WOODARD**
18139 DEAN LN
NAMPA ID 83687-8135

has applied for a permit to appropriate water from: **GROUNDWATER**

and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
COMMERCIAL	07/01 to 10/01	0.50 CFS

LOCATION OF POINT(S) OF DIVERSION: SESW , Sec. 36, Township 04N, Range 02W
CANYON County

PLACE OF USE: COMMERCIAL

TWN RGE SEC

04N 02W 36

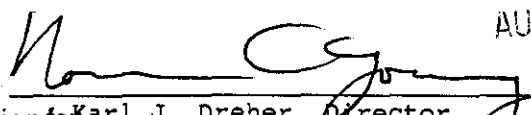
SESW

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before August 1, 1997.
2. Subject to all prior water rights.
3. Each year the right holder shall divert 11.5 acre feet of surface water received from Pioneer Irrigation District into a 1300 foot seepage ditch. The right holder shall also divert all unconsumed groundwater diverted under this approval into the seepage ditch. Diversion of water into the seepage ditch shall be managed such that no water flows from the ditch. The right holder shall maintain records showing dates and amounts of Pioneer Irrigation District water and groundwater diverted into the seepage ditch.
4. A measuring device of a type approved by the Department shall be permanently installed and maintained at the point of diversion from the well and at the head of the seepage ditch.
5. Groundwater shall be diverted within 100 feet from the surface or above the first confining layer, whichever occurs first.
6. The Director retains the jurisdiction over the use of water under this right to adjust the diversion of water into the seepage ditch and any reporting thereof.
7. Commercial use is for a mint still.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

30TH day of JULY, 1996.


Acting to Karl J. Dreher, Director

AUG 05 1996

Ident. No. 63-12338

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name: STEPHEN E WOODARD
Address: 18139 DEAN LN
NAMPA ID 836878135

208-466-6008

2. Source: GROUNDWATER Trib. to:
3. Location of Point of Diversion: SESW Sec. 36, Township 04N, Range 02W
CANYON County

4. Water will be used for the following purposes:

Purpose	From	To	CFS	(or)	AF
COMMERCIAL	07/01	10/01	0.500		

5. Total quantity to be appropriated is:
0.500 CFS (and/or) AF

6. Proposed diverting works:

- Description of ditches, flumes, pumps, headgates, etc.
WELL, PIPELINE TO STILL; WITHDRAWALS TO BE MITIGATED (SEE PLAN)
- 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.
- Proposed well diameter is 12 inches; proposed depth of well is 100
feet.
- Is groundwater with a temperature greater than 85F being sought? NO
- If well is already drilled, when?
Drilling Firm
Well was drilled for

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

8. Place of Use: COMMERCIAL

TWN RGE SEC
04N 02W 36

SESW

RECEIVED
AUG 09 1986

9. a. Who owns the property at the point of diversion?
APPLICANT
b. Who owns the land to be irrigated or place of use?
APPLICANT
c. If the property is owned by a person other than the applicant,
describe the arrangement enabling the applicant to make this filing.

10. Remarks:

Water bearing zone to be appropriated is to level of first
confining layer, about 100'. Use to be mitigated by reducing
existing irrigation and returning pumped water to water bearing
zone.

11. Map of proposed point of diversion and place of use attached? [☒]

BE IT KNOWN that the undersigned hereby makes application for permit to
appropriate the public waters of the State of Idaho as herein set forth.

See original
Applicant

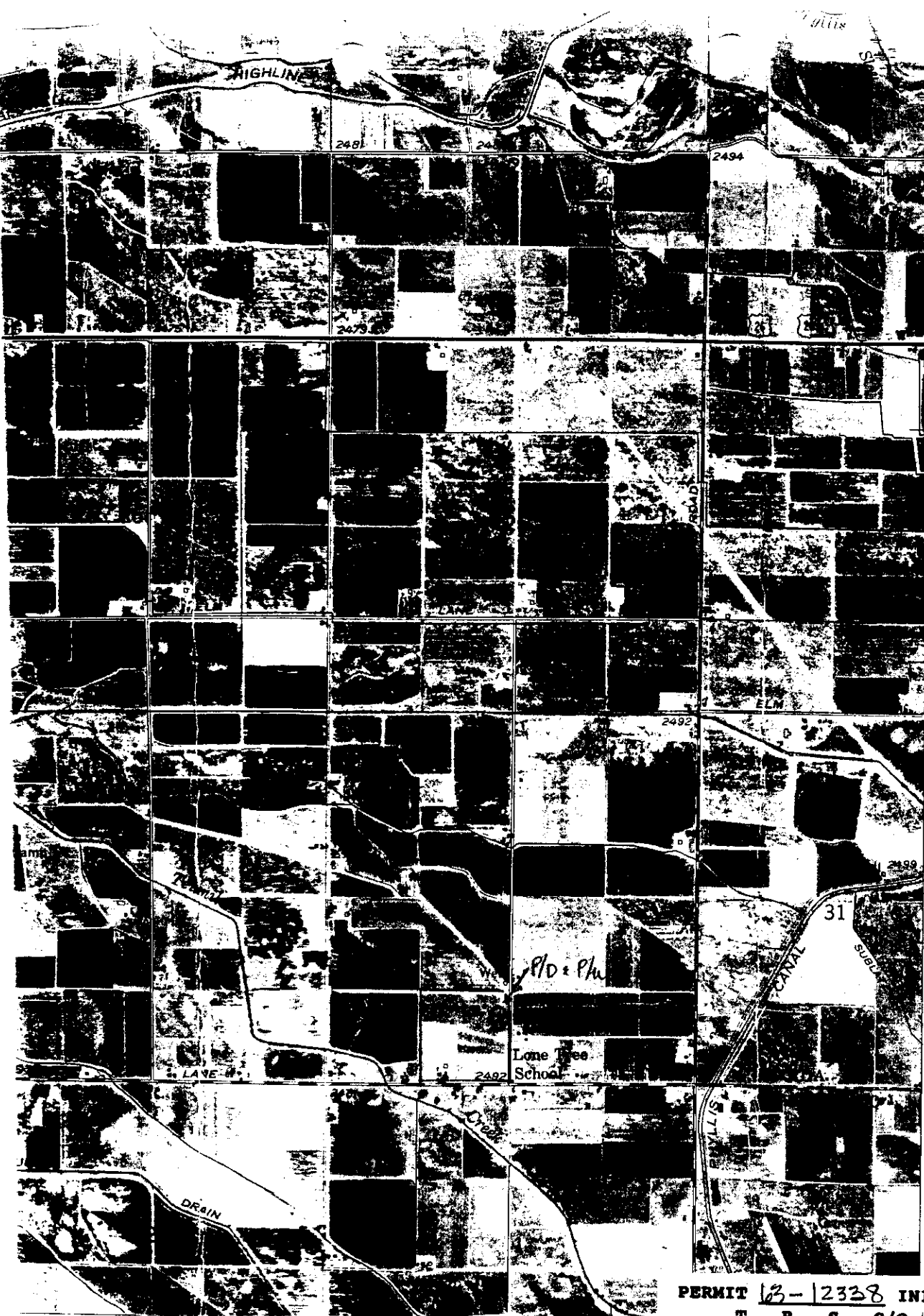
Received by FL for CJH Date 5/15/96 Time 3:30 Preliminary check by FL

Fee \$ 100.00 Receipted by CJH #W020863 Date 5/15/1996

Publication prepared by AT Date 5-29-96 Published in Press-Tribune

Publication approved AT Date 7-3-96

RECEIVED
MAY 19 1996



T4N
T3N

PERMIT 123-12338 INIT *if*
T. R. S. Q/Q
P/D 4N 2N 36 SE SW
SCALE
PHOTO ID. X-6

*NO govt lots
-82 5/29/66*

1 MILE
100 FEET
METER

Obtained
Idaho

Ident. No. 63.12338

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

1. Name of Applicant Stephen Woodard Phone 208.466.6008
Mailing address 18139 Dean Ln Nampa ID 83687
2. Source of water supply ground water which is a tributary of _____
3. Location of point of diversion is Township 4N Range 2W Sec. 36 in the _____ 1/4,
SE 1/4, SW 1/4, Govt. Lot _____, B.M., Canyon County;
additional points of diversion if any: _____
4. Water will be used for the following purposes:
Amount .5 for COMMERCIAL purposes from 7/1 to 10/1 (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)
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) .5 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Describe type and size of devices used to divert water from the source well, pipe
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet
 - c. Proposed well diameter is 12 inches; proposed depth of well is 100 feet
 - d. Is ground water with a temperature of greater than 85°F being sought? _____
 - e. If well is already drilled, when? _____; Drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
 - a. Hydropower; show total feet of head and proposed capacity in KW. 100000
 - b. Stockwatering; list number and kind of livestock. _____
 - c. Municipal; show name of municipality. _____ AUG 09 1996
 - d. Domestic; show number of households. _____
 - e. Other; describe fully. COMM = MINT STILL

ORIGINAL
App.



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

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

May 3, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

STEPHEN E WOODARD
18139 DEAN LN
NAMPA ID 83687-8135

RE: WATER RIGHT NO. 63-12338

Dear Water Right Holder(s):

The Department of Water Resources (the Department) has issued the enclosed license confirming that a water right has been established in accordance with the permit referenced above. The license is a preliminary order issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action of the Department unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

If you have any questions, please call me at 208-327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:klt

Enclosure

MICROFILMED

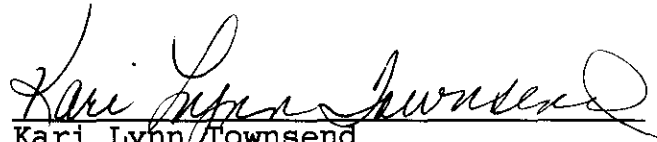
JUN 03 1999

CERTIFICATE OF MAILING

I hereby certify that on the 3rd day of **May, 1999**, I mailed a true and correct copy, postage prepaid, of the foregoing **PRELIMINARY ORDER (Approved License)** to the person(s) listed below:

Water Right No. 63-12338

STEPHEN E WOODARD
18139 DEAN LN
NAMPA ID 83687-8135


Kari Lynn Townsend
Secretary

MICROFILMED

JUN 03 1999

Responding to Preliminary Orders Issued by the Idaho Department of Water Resources

The Idaho Department of Water Resources (Department) issues water right permits, licenses, and transfers as preliminary orders pursuant to section 67-5243, Idaho Code. A preliminary order can and will become a final order without further action of the department unless a party petitions for reconsideration or files an exception and/or brief as further described below:

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the Department within fourteen (14) days of the service date of the order. The Department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See section 67-5243(3), Idaho Code.

EXCEPTIONS AND BRIEFS

Within twenty-one (21) days after (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from a preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding. Otherwise, a preliminary order will become a final order of the Department.

If any party appeals or takes exceptions to a preliminary order, opposing parties shall have twenty-one (21) days to respond to any party's appeal. Written briefs in support of or taking exceptions to the preliminary order shall be filed with the Department. The Department retains the right to review the preliminary order on its own motion.

ORAL ARGUMENT

If the Department grants a petition to review a preliminary order, the Department shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Department will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Department orders otherwise, all oral arguments will be heard in Boise, Idaho.

MICROFILMED

Page 1 JUN 03 1999

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Department in connection with a preliminary order shall be served on all other parties to the proceedings in accordance with Rules of Procedure 302 and 303.

FINAL ORDER

The Department will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Department may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its issuance if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) the petition for reconsideration is disposed of, or
- (b) the petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

B/U FIELD EXAM REVIEW

By Cindy LonPermit #: 63-12338 Name: Woodward Date: 4/28/99 ✓ Lots ✓

NAME	Chng	Same	Or Address Change?
SOURCE		✓	Clarify source _____ Prelim. Order to Void - Source change.
P/D		✓	Amendment Needed? Addn'l 1/4? _____ Legal _____ P39 Same 1/4? _____ W32 _____ P45 Overlap(s) <u>none</u>
P/U		✓	Amendment Needed? _____ P41 Overlap(s) <u>Pioneer Water for mitigation otherwise no other right for this use.</u> (Gov't use special ¶s) _____ *P/D & P/U Amend? P37
		✓	Permit/proof fee limits <u>0.50</u> / <u>0.50</u>
		✓	Measured Quantity = <u>none</u> cfs Theoretical Quantity = <u>0.96</u> cfs <u>per pump curve = 430 gpm = 0.96 cfs; limited by permit holder's letter of 4/2/99 to 150 gpm = 0.33 cfs.</u> (HP) $\frac{8.8 \times 0.70 \times 25}{15 + (2.31 \times 60)} = 1.00$ cfs & use pump curve
	✓	✓	Recommended capacity <u>0.96</u> cfs <u>0.33</u> cfs
		✓	Season: (<u>1</u>) <u>7/1-10/1</u> = <u>40</u> days Total Calculations: <u>0.33 cfs x 40 days x 1.9835 = 13.1 AF</u>
	✓		Flow limit: _____ cfs x _____ days/yr. x 1.9835 = _____ AF <u>Recommended volume</u> <u>13.1</u> AF
USES		✓	Same Nature of Use? _____ P46 Amendment Needed? _____
REMARKS		✓	Multiple p/d's in same 1/4? Use W32 _____ <u>① Comm use / still ② Permit cond. #3 ③ Permit cond. #4</u>
CONDITIONS			Measuring Device (R43) or Lockable Controlling Works (R02) _____ Watermaster Control (R04) - WD # _____ Irrigation rate/annual volume overlap _____ GW irrigation replaces surface water (050) _____ GW irrigation supplements surface water (065) _____ Water Quality _____ Other _____

PRIORITY App Rcd 5/15/96 Due 8/1/97 Rcd 5/21/97
 Receipt# C038943 Fee OK? (Yes) No \$ 100
 Order to Reinstate Needed? Yes No Done? _____ Advanced to: _____
 Priority 5/15/96 Examined 6-25-97

COMMENTS: flow limited by mint. still capacity of 150 gpm. per permit holder's letter of 4/2/99.

USE	CFS	VOLUME
<u>Commercial</u>	<u>0.33</u>	<u>13.1</u>
<u>TOTAL</u>	<u>0.33</u>	<u>13.1</u>

SRBA Overlap none
 LICENSE
 #1 AMEND: _____/P38
 #2 AMEND: (R)P42/(C)P47

MEMORANDUM

DATE: April 28, 1999
TO: File No. 63-12338
FROM: Cindy Lou Zimmermann
SUBJECT: Review of Beneficial Use Field Report

On April 21, 1999, the permit holder wrote a letter clarifying the maximum rate of flow for the mint still. Using that information and information contained in the field report, the following adjustments¹ were made:

- F. Flow Calculations.
a. Commercial use, per permit holder = 150 gpm = **0.33** cfs.
- G. Volume Calculations.
a. Commercial use.
 $V_{D.R.} = \text{rate} \times \text{days} \times 1.9835 = 0.33 \times (40 \times \frac{1}{2}) \times 1.9835 = \underline{\underline{\mathbf{13.1}}}$ AF.

- H. Recommendations.
1. Recommended amounts:
- | Beneficial Use | Period of Use | Rate of diversion | Annual Volume |
|----------------|---------------|------------------------|-----------------------|
| Commercial | 7/1-10/1 | <u>0.33</u> cfs | <u>13.1</u> AF |
| | Totals: | <u>0.33</u> cfs | <u>13.1</u> AF |

Examiner: Dan Tomich
Examined: June 25, 1997

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JUN 03 1999

¹ Adjustments are **bolded and underlined.**

RECEIVED

APR 27 1999

Department of Water Resources

April 21, 1999

Stephen E. Woodard
18139 Dean Lane
Nampa, ID 83687

Shelley Walter Keen
Department Of Water Resources
1301 North Orchard Street
P. O. Box 83720
Boise, ID 83720-0098

RE: Water Right 63-12338

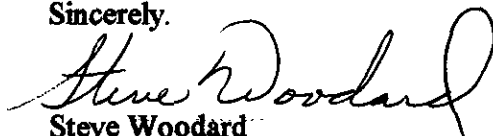
In response to your letter of April 9, I will address the infiltration structures first. The original proposal contained a pond and the 1300 feet of seepage ditch. Not knowing either the actual well withdrawal rates or the infiltration rate of the soil profile, the combination pond and ditch were thought necessary. During operation in 1996 it was discovered that the well water was colder than estimated and the amount used in cooling was less than that used in the design. Having dug the pond 10 feet deep into a sixteen foot deep layer of large gravel and sand made the seepage ditch unnecessary. In actual operation the still requires a maximum of 150 GPM for cooling and the pond intake rate is near that amount. The pond never filled up and overflowed into the seepage ditch. This also is the case with recharge from Pioneer irrigation surface water. I am enclosing a photograph of the pond taken in 1997 after eight hours of operation during the fourth week of harvest. There have been times when the pond has filled to about pipe level but was empty the next morning.

During the original permitting process the Department was concerned about removing water from the Boise River Aquifer. The well depth was limited to the shallow aquifer and the intent was that what water was removed would be returned. In the operation of the mint still, we have found that about ten percent of the water pumped is not returned through the pond. This loss is through leaks, water used for equipment cleaning, and evaporation. Since construction, the operation has pumped 18.54 acre feet and of that amount returned to the aquifer 16.7 acre feet. I have also placed from surface sources 24.3 acre feet in 1997 and 1998. I wonder if this is the intent of the Department or if this condition of the permit can be changed to just replacing the actual water removed from the aquifer? I didn't question this requirement at the time of issuance because of the urgency for construction.

The attached log of dates and times of recharge include 1998. The rate of inflow is 0.46 cfs. I am figuring 26 hours per acre foot. It is measured across a two foot Cipoletti weir.

If you have further questions please contact me at 208-466-6008.

Sincerely,


Steve Woodard

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JUN 03 1999

RE: 63-12338

Water diverted to infiltration pond at a rate of 0.46 cfs

September 13-17 1996	96 hours	
September 19-22 1996	96 hours	
September 26-29 1996	96 hours	Total 11 acre feet
April 12, 1997	24 hours	
April 28	36 hours	
May 10	48 hours	
May 16	36 hours	
May 23	48 hours	
June 4	21 hours	
September 7	24 hours	
September 21	48 hours	Total 12.3 acre feet
April 18, 1998	48 hours	
May 30	48 hours	
June 10	48 hours	
June 18	48 hours	
June 26	48 hours	
July 6	48 hours	
July 17	24 hours	Total 12 acre feet
April 16-18, 1999	72 hours	

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JUN 03 1999



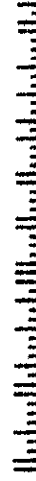
Steve Woodard
18139 Dean Lane
Nampa ID 83687



Shelley Walter Keen
Dept of Water Resources
1301 North Orchard Street
P.O. Box 83720
Boise, ID 83720-0098

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JUN 03 1999
Photos

83720-0098





State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

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

April 9, 1999

DIRK KEMPTHORNE
GOVERNOR

KARL J. DREHER
DIRECTOR

STEPHEN E WOODARD
18139 DEAN LANE
NAMPA ID 83687

RE: Water Right 63-12338

Dear Mr. Woodard:

In June of 1997 a Department of Water Resources (IDWR) field examiner conducted an inspection to verify the extent of your development under water appropriation permit 63-12338. The inspection is required to determine if you have met the requirements for obtaining a water right license.

Under the terms of your permit, you are required to divert 11.5 acre feet from the Pioneer Irrigation District into a seepage ditch each year. You are also required to maintain records of the dates and amounts of Pioneer Irrigation District water diverted into the seepage ditch. These requirements are intended to address the concern that discontinuing the surface water diversions in the Treasure Valley is having a detrimental impact on the local groundwater supply.

I am conducting the licensing review of your permit, and I need to confirm that you have complied with the terms and conditions of your permit. The field examiner reported that you established an infiltration pond instead of a seepage ditch. He also reported that you have a system to divert Pioneer Irrigation District water into the infiltration pond, but he did not see water flowing in the system. Therefore, I am writing to ask that you send me copies of your records showing the dates and amounts of Pioneer Irrigation District water you diverted into the infiltration pond 1996 and 1997. I would also be interested in knowing why you opted for an infiltration pond rather than a seepage ditch. I will look for your reply within 30 days.

If you have any questions, please contact me at 208-327-7946.

Respectfully,

Shelley Walter Keen
Water Rights Supervisor

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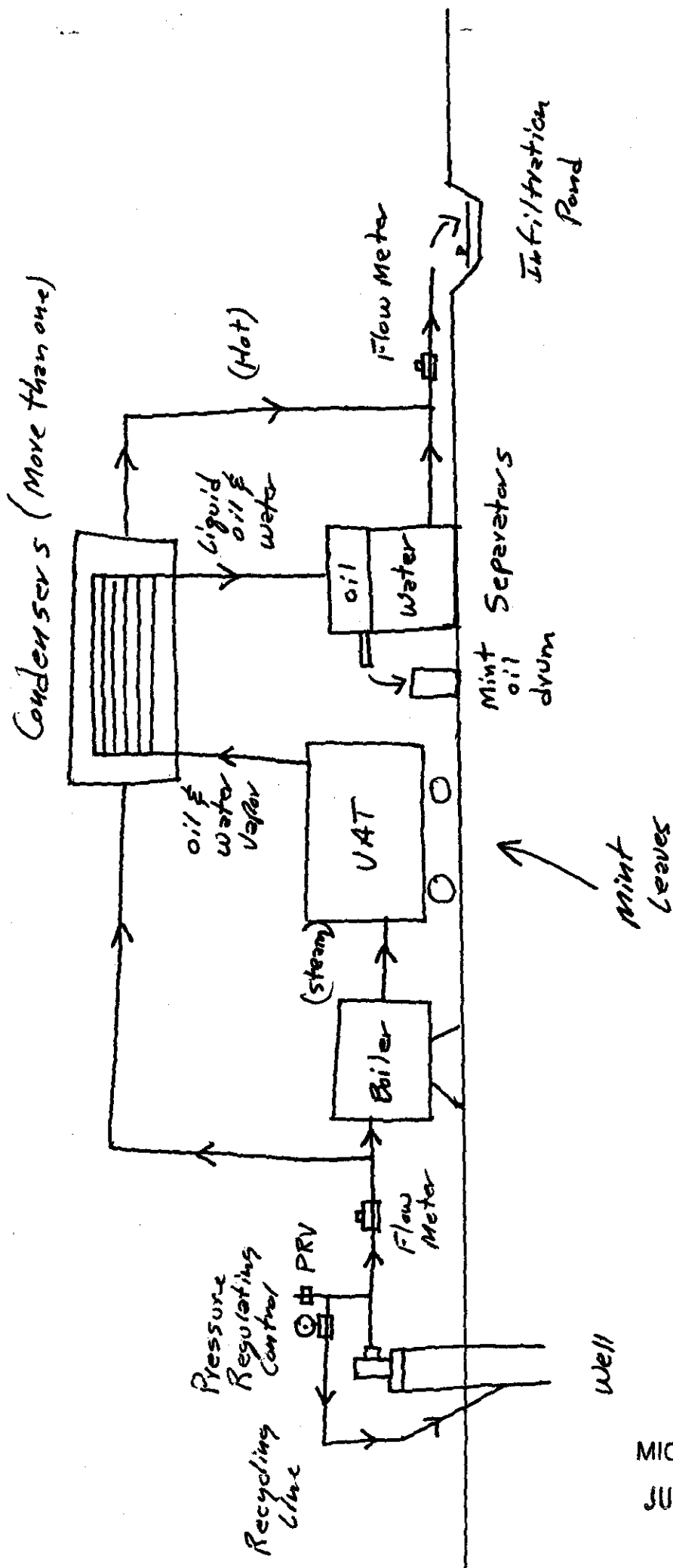
JUN 03 1999

Closed System
RECEIVED

FEB 27 1998

Department of Water Resources

Mint Still



MICROFILMED
JUN 03 1999

WOODARD 63-1233B

DT
2-25-98

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JAN 27 1998
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-12338

1. Owner: Stephen E. Woodward Phone No. (208) 466-6008

Current Address: 18139 Dean Lane, Nampa, ID 83687-8135

2. Accompanied by: Stephen Woodward EXAM DATE: 6-25-97

Address: (Same) Phone No. (Same)

Relationship to Permit Holder: (Same)

3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 63-02529, 63-02891 { Pioneer I. D. water used in Mitigation Plan

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
			SE	SW	36	4N	2W	Canyon	Site Visit, Map

2. Place(s) of Use:

Indicate Method of Determination Site Visit, Map

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
4N	2W	36																	

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JUN 03 1999

~~None = Still was not operating~~

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Flow Meter at Well	311	McGraw-Hill	96-8069-3			
Z' C. Poller's Weir	for	for	for	for		

•

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

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	Franklin	25	Model	Grunfos	Model
			8211F120		3955250-4

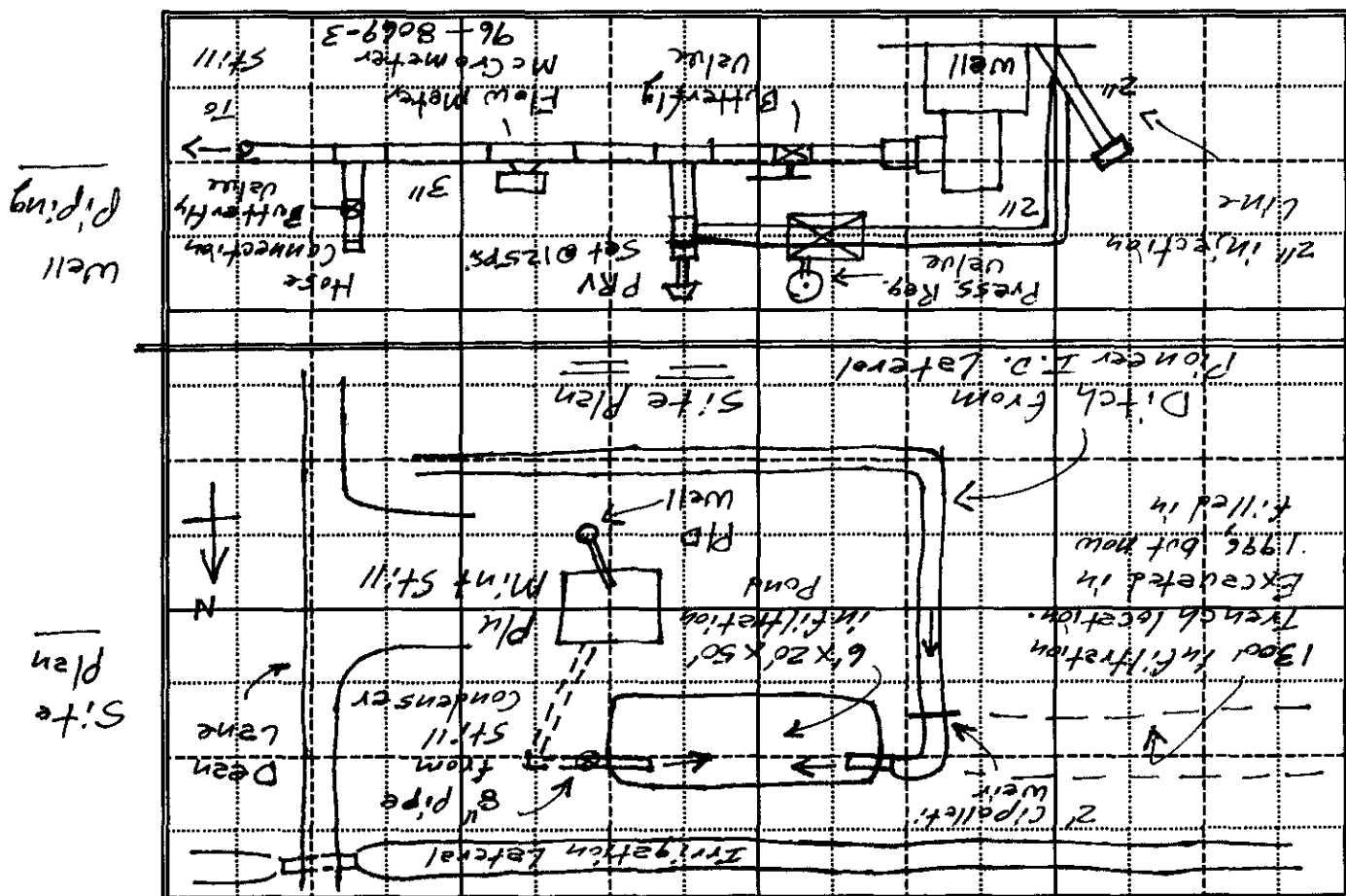
•

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

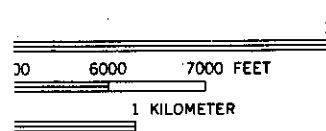
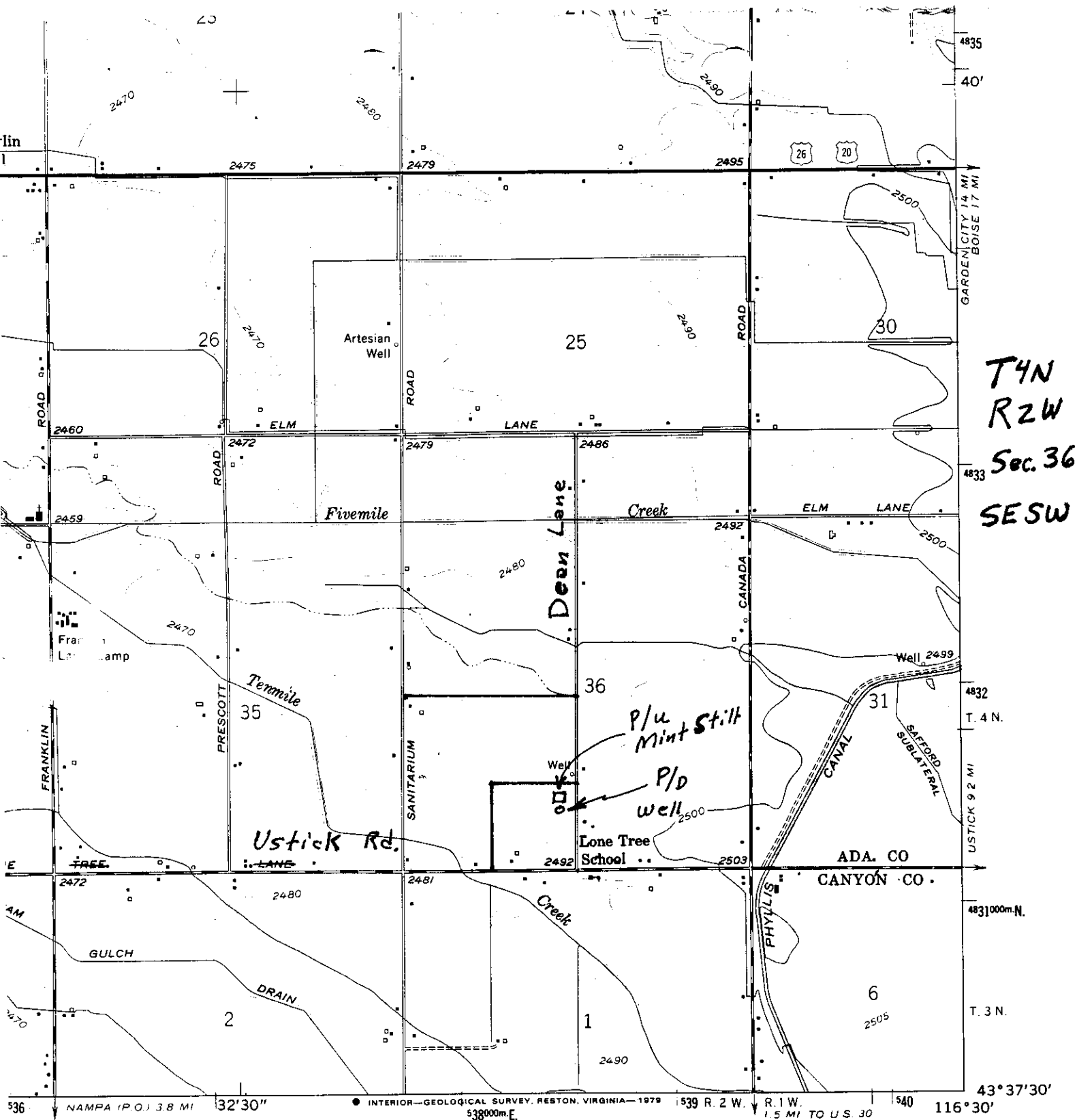
Aerial Photo Attached
(required for irrigation of 10+ acres)

Photo of Diversion and System Attached

Sol: $T = \frac{1}{N_0} \sum_{i=1}^N x_i^2$



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



No Gov. Lots

ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———
Medium-duty ——— Unimproved dirt ———

U.S. Route State Route
Interstate Route



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JUN 10 1999

63-12338
MIDDLETON, IDAHO
N4337.5—W11630/7.5

1958
PHOTOREVISED 1971
AMS 2671 II NE—SERIES V893

URS
1929
STANDARDS
5, OR RESTON, VIRGINIA 22092
AVAILABLE ON REQUEST

IDAHO DEPARTMENT OF WATER RESOURCES

WELL INSPECTION FORM

1. DRILLING PERMIT NO: 63-96-W-0479-000 OTHER APPLICABLE NO: 63-12338
2. OWNER: Stephen E. Woodward Phone: (208) 466-6008
Address: 18139 Dean Lane, Nampa, ID 83687-8135
3. WELL LOCATION: Twp 4N, Rge. 2W, Sec. 36, SE 1/4 SW 1/4
County Canyon (Provide sketch map and photo on reverse.)
4. DRILLER: Pete Cope Drilling Co., Inc. Lic. No. 213
When Drilled? _____
5. WELL CONSTRUCTION:
Casing Diameter 16/10 inches Water tight cap? ☒ Yes ☐ No Access Port: ☒ Yes ☐ No
Casing $\geq$ 12 inches above ground? ☒ Yes ☐ No - Describe _____
Depth of Casing 81 ft. Method Drilled Reverse Circulation
Condition of Well Casing: ☒ Good ☐ Fair ☐ Poor Describe _____
Control Valve? ☒ Yes ☐ No Pressure Gauge: ☒ Yes ☐ No
Condition of Piping and Valving Good
Auger to a depth of _____ ft. Evidence of Annular Seal ☒ Yes ☐ No
Are there obvious construction problems that may be a source for contamination or waste of water?
☐ Yes ☒ No (Describe in Remarks and Attach Photo - On Reverse)
6. HYDROLOGIC INFORMATION:
Depth to Static Water 10 ft. Water Temperature Cold °F
Flowing Artesian ☐ Yes ☒ No Pressure: _____ (psi)
Water Sample Taken? ☐ Yes ☒ No If yes, describe purpose _____
Water Quality Measurements/Observations (Describe) _____
7. WELL USE:
☐ Domestic ☐ Irrigation ☐ Stock
☐ Test ☐ Municipal ☐ Industrial
☐ Abandoned ☐ Waste Disposal/Injection ☐ Not Used
☐ Other: Commercial - Mint Still

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NOV 03 1999

8. POSSIBLE CONTAMINATION SOURCES:

Is there evidence of Chemigation? ☐ Yes ☒ No

If yes, is there a check-valve present? ☐ Yes ☐ No

Is there a possible source of contamination nearby? ☐ Yes ☒ No

If yes, what Type? _____

How far away from the well is this source? _____

9. REMARKS: Well is used for Mint Still. Excess water
from still is injected back into ~~the~~ well
through a 2" steel return pipe.

Dan Tomich Water Rights Examiner
Signature of Dept. Representative & Title

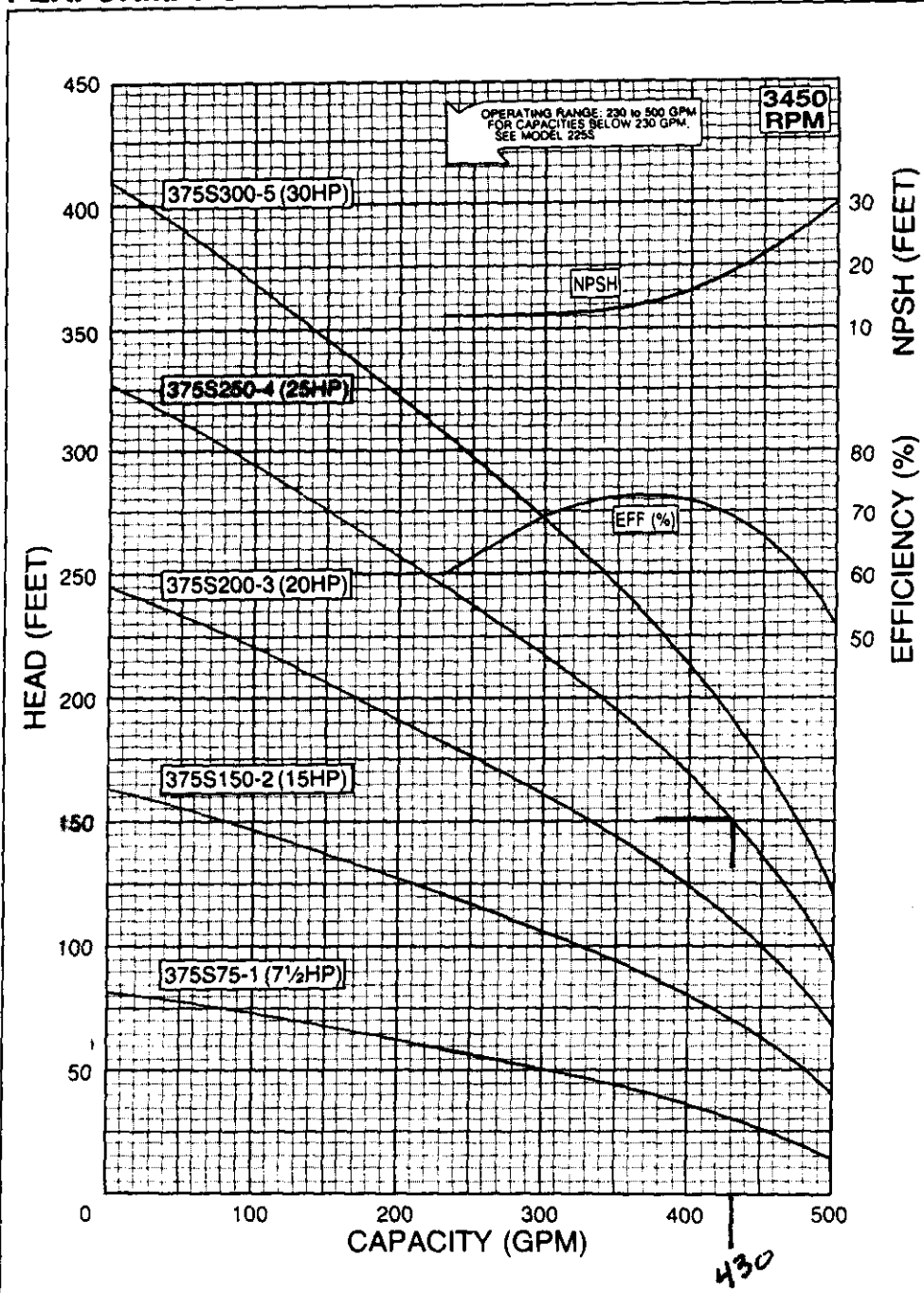
6-25-97
Inspection Date

PHOTOS, DRAWINGS, OTHER ATTACHMENTS:



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JUN 03 1999

GRUNDFOS**375 GPM****MODEL
375S****PERFORMANCE CURVES**FLOW RANGE
230 to 500 GPMPUMP OUTLET
4" NPT**DIMENSIONS AND WEIGHTS**

MODEL NO.	HP	MIN. WELL SIZE (INCHES)	LENGTH (INCHES)	MAX. WIDTH (INCHES)	APPROX. UNIT SHIPPING WT. (LBS.)
375S75-1	7½	8	44 7/8	7 1/8	153
375S150-2	15	8	53 1/8	7 1/8	181
375S200-3	20	8	60	7 1/8	197
375S250-4	25	8	66 7/8	7 1/8	226
375S300-5	30	8	73 3/4	7 1/8	245

NOTES:

Specifications are subject to change with notice.

See Deep Set models for higher head.

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JUN 03 1999

63-12338



P.O. BOX 1005
NAMPA, IDAHO 83653-1005
(208) 466-7376
#3377

7962 6-20-96

SALES ORDER
NO. _____

SOLD TO

Steve Woodland

18139 Main Lane

Nampa 83651

DATE

880-1112

REMARKS

25 HP Franklin #8211F120

(6" x 21) ~~54"~~ Setting 63 plus Bowls Motor 108'

Grundfos 3755

340 GPM @ 200 TDH

QTY.	NUMBER	DESCRIPTION			
------	--------	-------------	--	--	--

$$\begin{aligned} \text{TDH} &= 60 \text{ psi} + 10' \\ &= 150' \pm \end{aligned}$$

$$\text{Pump Capacity} = 430 \text{ GPM} = \underline{\underline{0.96 \text{ cfs}}}$$

$$\text{eff.} = 68\%$$

$$\text{NPSH} = 20'$$

$$\text{Note: } Q = \frac{(8.8)(25 \text{ HP})(70\%)}{60 \text{ psi} + 10'} = \underline{\underline{1.04 \text{ cfs}}}$$

(Theoretical)

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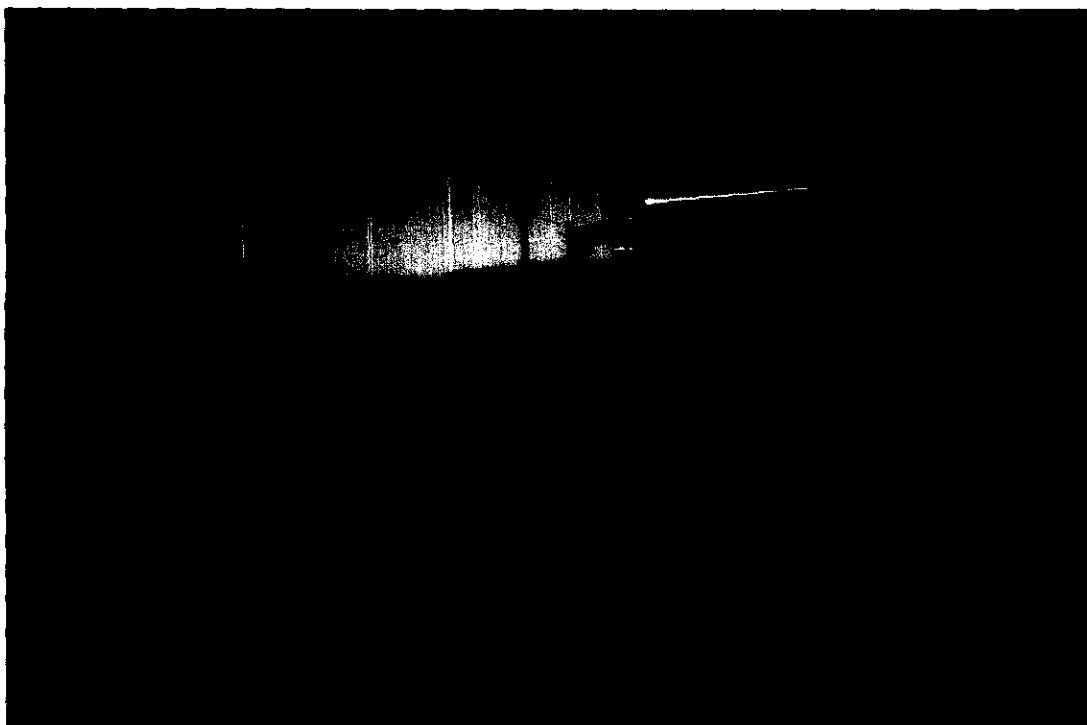
JUN 03 1999

63-12338



Note w
Meter (Blue),
and 2"
injection
Pipe.

View
Looking
West.



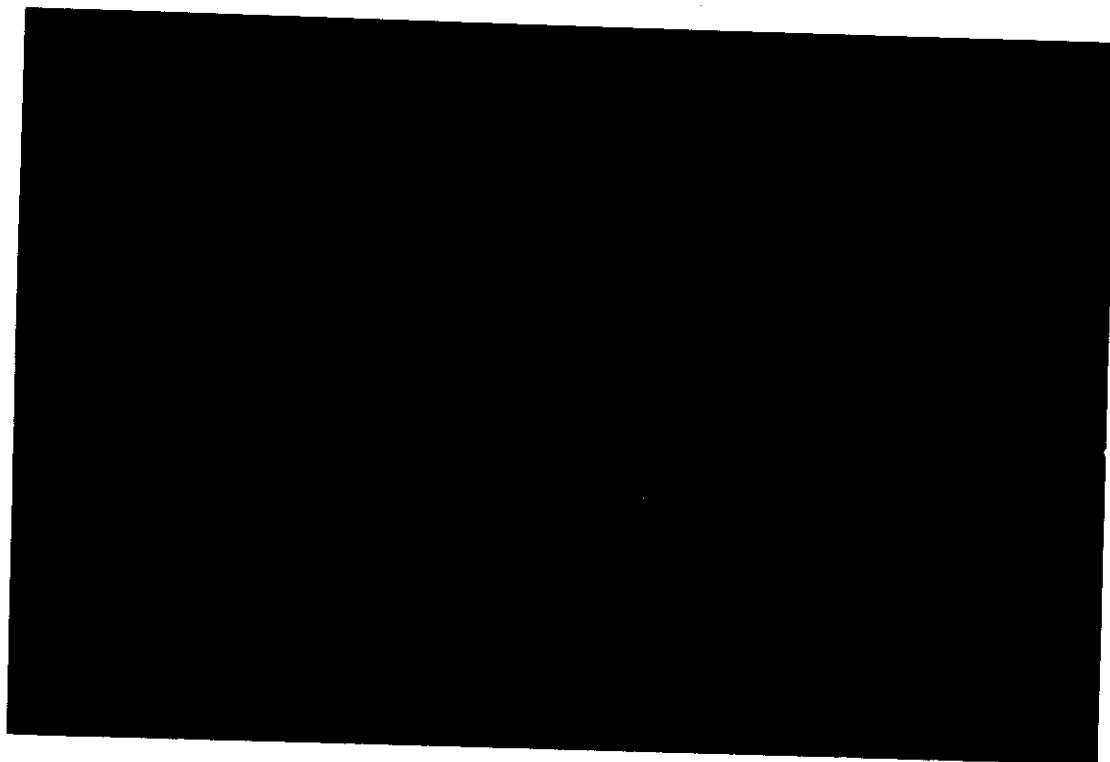
P/u
Mint Still.
Infiltration
Pond at
left.

View
Looking
Southeast.

RE FILMED

3 3 1999

63-12338



P/u
Infiltration
Pond

8" pipe in
foreground
is from
Mint Still
Condensers.

8" pipe in
background
is from
irrigation
ditch.

View
looking
West

Note 1300' infiltration ditch, which
was filled in in Oct. 1996.



P/u
Infiltration
Pond
8-15-96

During
Mint
Still
operation.

Inflow is
from 8"
pipe from
Condensers.

FILMED

8-15-96 Photo
by Steve Woodard.

1999
63-12338

3 of 3

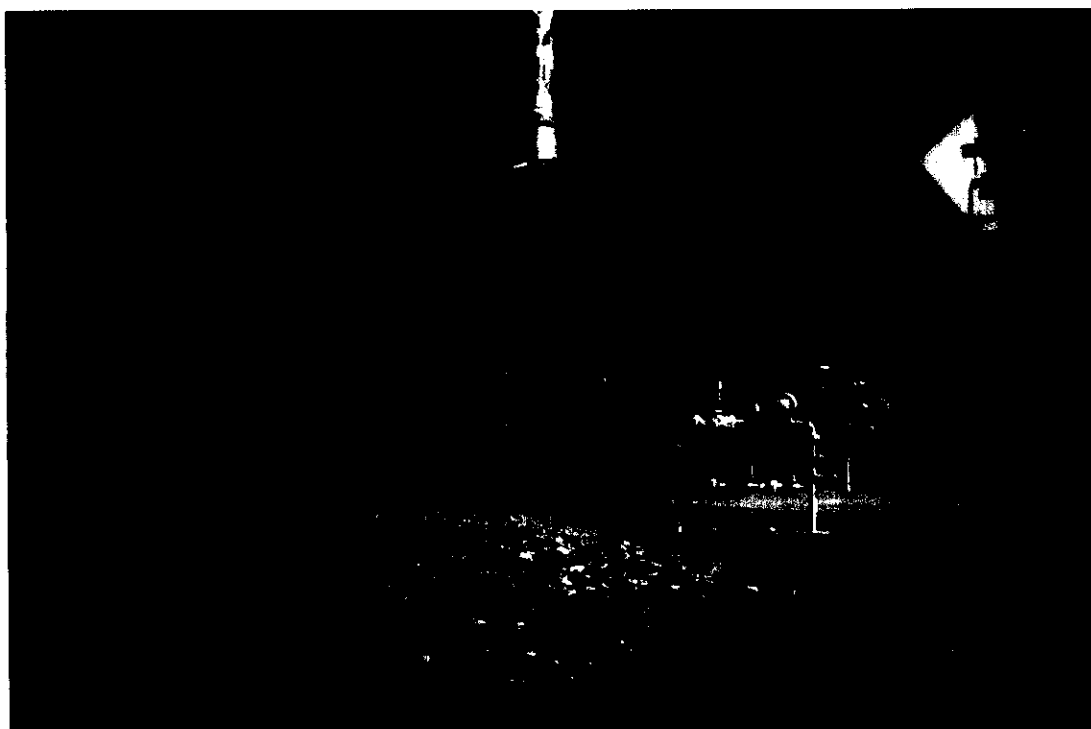
P/D

Plu

Well in
foreground
and

Mint
Still

View
Looking
North



Place of
Measurement

2' Cipolletti
weir in
irrigation
ditch
from
Pioneer
I. D.
Lateral.

(For
Mitigation)

63-12338



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JUN 03 1999

E. NARRATIVE/REMARKS/COMMENTS

1. This permit is for a well to furnish water for a mint Still, and a mitigation plan for the use of groundwater. The well is 100' deep, ^{above the first confining layer} as required by Condition 5, and is equipped with a flow meter required by Condition 4. Well static water is at 10'; drawdown is about 5'.
2. The well pump is oversized compared to the demand of the still, and the system has an operating pressure of 60 PSI with a pressure regulating valve. This value is adjusted to ~~met~~ meet the demand of the still, with excess water being returned to the well and injected through a 2" steel pipe.
3. The mitigation plan includes an infiltration pond about 6' deep, and a ditch from a Pioneer I.D. lateral. Irrigation water is conveyed to the pond in the ditch and is measured by a 2' Cipolletti weir. Water from the mint still condensers ~~is~~ is also conveyed to the pond through an 8" pipe.
4. The original mitigation plan under Condition 3 included a 1300' infiltration ditch to the west of the still. The ditch was dug in 1996, but was not used and filled in after it was decided to replace it with the infiltration pond. The pond, as reported by the owner, is capable of infiltrating all the water ^{for} mitigation.
5. The time period for operation of the mint still varies from year to year, depending on the time of harvest and quantity of harvest. For 1997, the still will probably operate from July 20 to Sept. 20.

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

6. The mint still normally uses about 100-110 GPM.
7. The ~~infiltration~~ ^{PROFILMED} pond was excavated to a depth of about 6' to a zone of highly permeable sand/gravel/cobble. For the ^{JUN 03 1998} still operation, the water conveyed to the pond infiltrated rapidly with very little ponding.

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: *None - Still was not operating. Max. div. Rate:*

1) $TDH = 10' + 60 \text{ psi} = 150'$. From Grundfos Pump Performance Curve; $Q = 430 \text{ GPM} = 0.96 \text{ cfs} > 0.50 \text{ cfs}$ in Permit.

2) Theoretical Cal.: $Q = \frac{(8.8)(25 \text{ HP})(70\%)}{10' + (60 \text{ psi}) \left(\frac{34'}{14.7 \text{ psi}} \right)} = 1.04 \text{ cfs} > 0.50 \text{ cfs}$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

*Allow 0.50 cfs**

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

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

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

2. Volume Calculations for Other Uses:

Mint Still - Commercial.

25 shown during 1996

The still actually uses about 100-110 GPM - the rest of the pumped water is returned to the well and injected.

$\text{Vol.} = (110 \text{ GPM}) \left(\frac{40 \text{ Days}}{\text{Ann.}} \right) \left(\frac{12 \text{ Hrs.}}{\text{Day}} \right) \left(\frac{60 \text{ min}}{\text{Hr.}} \right) \left(\frac{\text{AF}}{325,850 \text{ Gal.}} \right) = 9.72 \text{ AFA}$

*Use 10.0 * ~~30.0~~ AFA*

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
<i>Commercial</i>	<i>07/01</i>	<i>10/01</i>	<i>0.50 *</i>	<i>~~30.0~~ 10.0 *</i>
Totals:			<i>0.50 *</i>	<i>~~30.0~~ 10.0 *</i>

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

Condition 3:

The 1300' seepage ditch for infiltration was replaced by a 6' x 20' x 50' pond - which infiltrates all the mitigation water.

I. AUTHENTICATION

Field Examiner's Name *Jan Zornich* Date *1-13-98*

Reviewer _____ Date _____

MICROFILMED
JUN 03 1999



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
June 17, 1997**

STEPHEN E WOODARD
18139 DEAN LANE
NAMPA ID 83687

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-12338

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. 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.

Please be advised that Section 42-248, Idaho Code, which became affective on July 1, 1996, requires you or the owner of this water right to maintain current ownership and address records on file with the department. Please contact any office of the department for the proper form to file a change of ownership of a water right and/or a change in the address of the owner. Failure to maintain current records with the department could result in the assessment of a monetary penalty.

If you have questions concerning the field examination, contact the **WESTERN** Regional Office in Boise, at (208)334-2190.

Sincerely,

JULIE L. YARBROUGH
Senior Secretary

C: IDWR - Region

MICROFILMED
JUN 25 1997



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 31, 1996

STEPHEN E WOODARD
18139 DEAN LN
NAMPA ID 83687-8135

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 63-12338

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. Please be sure to thoroughly review the "Conditions of Approval and Remarks" listing on the permit.

Enclosed is 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 licensed water right. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed, you should complete and submit this form immediately.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosures

AUG 09 1996

MEMORANDUM

Date: July 22, 1996
From: Jim Johnson
To: Cindy
Subject: Conditions on Permit

=====

Instead of using the condition starting with Use of water...

Please use the following

The right holder shall divert 11.5 acre feet annually surface water received from Pioneer Irrigation District into a 1300 foot seepage ditch. The right holder shall also divert all non-consumed groundwater diverted under this approval into the seepage ditch. Diversion of water into the seepage ditch shall be managed such that no water flows from the ditch. The right holder shall maintain records showing dates and amounts of Pioneer Irrigation District water and groundwater diverted into the seepage ditch.

A measuring device of a type approved by the Department shall be permanently installed and maintained at the point of diversion from the well and at the head of the seepage ditch.

Groundwater shall diverted within 100 feet from the surface or above the first confining layer which ever occurs first.

The Director retains the jurisdiction over the use of water under this right to adjust the diversion of water into the seepage ditch and any reporting thereof.

RECEIVED
JUL 27 1996

M & S FARMS, Inc.

18139 Dean Lane
Nampa, Idaho 83687

July 19, 1996

To: Jim Johnson
Idaho Department of Water Resources

Re: Mitigation plan for Woodard application 63-12338

Jim:

In response to our phone conversation of July 18, I have come up with the following numbers. The proposal identifies 11.5 acre feet associated with the 2.5 acres no longer farmed. I propose to enter this into the shallow aquifer over a period of 92 days from April 15 to July 15 at a rate of not less than 28 GPM or 3.1 miners inches. The reentry would be through the same system as described in the original plan. The water would come from the Pioneer Irrigation District delivery system. If for some reason the total is not reached by July 15, the flow would be resumed from September 15 to October 15 at a rate sufficient to meet the required total.

Thanks for your help in expediting this water right.

Steve Woodard

AUG 09 1996

URGENT -- REQUEST FOR EXPEDITED

PROCESSING APPLICATION 63-12338

STEVE LESTER -- 7/15/96

Applicant has worked diligently to obtain guidance from IDWR for basin 63 mitigation plan that would be acceptable. His latest plan of 6/26/96 appears to do the trick. File information has been reviewed to various degrees from the Director's office down through the Regional office in a couple of iterations.

Applicant anticipates need for pumping by late July for mint harvest processing. He obtained expedited drilling permit on 7/2/96 towards that end.

Glen has suggested a couple of conditions of approval that capture the following thoughts:

- 1) Dept. accepts the conceptual framework of the latest mitigation plan - the only way water can leave the mitigation ditch is through the bottom of the ditch.
- 2) Dept. reserves the right to require additional mitigation upon a proper finding.

Regional suggestions about conditions of approval include the following (concur with Glen's thoughts, also):

- 1) A measuring device acceptable to the dept. must be installed & maintained in such a manner that flows from the well into the ditch can be accurately measured (suggest weir in ditch as most cost-effective -- cover letter?).
- 2) The owner must provide the means for the dept. to inspect the operation in the early & late portions of each season of use to determine if mitigation plan appears to be working. Any inspection must be done during a time when water is being discharged into the mitigation ditch (want to be sure water is not leaving the ditch in non-approved ways, e.g. spilling over banks; if can be satisfied in first year that plan is working out, will not need to inspect after that unless changes are made).

AUG 09 1996

CONVERSATION MEMORANDUM

DATE 7/1/96
FILE 63-12338

NAME OF PARTY GLEN Saxton
EMPLOYEE Steve Lester

RE: Mitigation Plan & Request for Expedited D.P.

He discussed issues with Norman + Director. Do not want to encourage injection wells as the (only?) mitigation plan.

Current plan of 6/26/96 looks acceptable. OK to issue d.p. with standard covenants.

Conditions on W.R. (if d.p. it seems appropriate) should include concepts:

- 1) assumes mitigation plan of 6/26 is implemented
- 2) Dept. reserves right to require other mitigation efforts based on findings

I called Applicant to let him know can pick up d.p. tomorrow morning.

AUG 09 1996



State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

FAX TRANSMITTAL COVER SHEET

FAX # (208) 334-2348

DATE: 6/28/96

TO: Glen + Norm

FROM: Steve L.

DOCUMENT DESCRIPTION: 63-12338 Mitigation -
Rec'd this fax & forwarding to you for comments. If
possible, can you call me Monday 7/1 (or email msg. would
fine) with your thoughts

See 6/26/96 ltr
from Applicant
Thanks, SL

TOTAL PAGES SENT: 01 + COVER SHEET

CONTACT: _____

thoughts:
if infiltration starts 3' < LSD -
when would H2O reach zone from which it's
AUG 09 1996 been pumped? Meanwhile - impact on other pumpers?
how ~~low~~ would we know that it reaches this
zone - via well logs? estimates from same?
is there a way to condition a use to find out
these answers?

CONVERSATION MEMORANDUM

DATE 6/26/96
FILE 63-12338

NAME OF PARTY Glen Saxton
EMPLOYEE Steve Latta

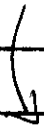
RE: Mitigation Plan & Drilling Permit -

S.O. has cc of current mitigation plan (w/o the well log copies, though). This is the 4/22/96 plan.

Per Glen's + Norm's review:

Need more assurance that water will reach
the zone from which it actually is appropriated.
Cannot issue expedited d.p. at this time.

I will call applicant & pass this on.



Called a mobile # 880-1112

& told him a this. Discussed possible
injunctive well appl. as an option -

AUG 09 1996

M & S Farms, Inc.
18139 DEAN LANE
NAMPA, ID 83687
(208) 466-6008 FAX (208) 466-2421

FAX

To: State Dept. Water Resources

Date 6/26/96

Attention: Steve Lester *✓*

From: Steve Woodard

Message:

Pages (including cover) 2

Please look this over. Does it address
the questions raised?
Thanks.

FAXED THIS TO 966N + NORM
ON 6/28/96.
-JL 7/1/96

MICROFILMED

AUG 09 1996

63-12338
Attachment B
(2 pgs.)

M & S FARMS, Inc.

18139 Dean Lane
Nampa, Idaho 83687

June 26, 1996

To: Steve Lester
Idaho Department of Water Resources

Re: Mitigation plan for Woodard application 63-12338

Steve:

The mitigation plan suggested in my April 22, 1996 can be adapted to decrease the likelihood that water would escape the "loop" advocated by the state office. The infiltration capacity of the 1300 feet of ponds in option two could be increased by digging a 3 foot trench 1300 feet long. The three foot depth would place the water below the topsoil and fractured hardpan into the sandy clay.

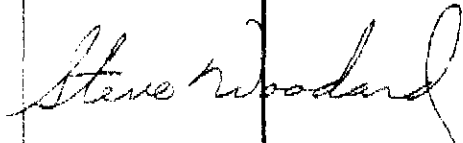
I believe that the infiltrated water will be available for reuse based on my experience with the drainage wells located in section 36 by the Pioneer Irrigation District. In section 36 Pioneer operates 3 drainage well located about 1/2 mile apart. During 1995 one of these wells was not operated until after September 1. At that time the water table was such that water was standing in areas over 1/4 mile from the well. After it operated for a week, the water table was drawn down so that farm field work could be accomplished. Based on this experience (it has occurred more than just in 1995), I believe the infiltrated water will move toward the new well to give the "loop" requested by state office. The Pioneer wells are all 100 feet or less. Logs are not available in IDWR files or from the irrigation district because of their age.

Since my proposed use during the moratorium is one of the first, I would like to propose that the plan as presented be approved on condition that it can be modified. If actual operation proves the plan is inadequate, then additional measures can be taken. (For example, an injection well application now that would be through the comment period by the time we knew if it was actually needed.)

Perhaps some biographical information would be helpful in evaluating my plan. I am a 1974 graduate of the University of Idaho College of Engineering with a BS in Agricultural Engineering. I passed the EIT in 1974.

I am willing to work with the Department in the development of a mitigation plan. I'm willing to provide a pilot project that can become a model for future applicants.

Thank you for your consideration. Time is of critical importance.



RECEIVED
AUG 09 1996

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO)
) SS.
County of Canyon)

Carolyn Spath

of Nampa, Canyon County, Idaho, being first duly sworn, deposes and says:

1. That I am a citizen of the United States of America, and at all times hereinafter mentioned was over the age of eighteen years, and not a party to the above entitled action.
2. That I am the Principal Clerk of the Idaho Press-Tribune, a daily newspaper published in the City of Nampa and Caldwell, in the County of Canyon, State of Idaho; that the said newspaper is in general circulation in the said County of Canyon, and in the vicinity of Nampa and Caldwell, and has been uninterruptedly published in said County during a period of seventy-eight consecutive weeks prior to the first publication of the notice, a copy of which is hereto attached.
3. That the notice, of which the annexed is a printed copy, was published in said newspaper
Twice

— in the regular and entire issue of said paper, and was printed in the newspaper proper, and not in a supplement.

4. That said notice was published the following dates:
June 5, 12, 1996

Carolyn Spath

STATE OF IDAHO)
)
COUNTY OF CANYON)

On this 12th day of June
in the year of 1996, before me, a Notary
Public, personally appeared Carolyn Spath,
known or identified to me to be the person whose
name subscribed to the within instrument, and being
by me first duly sworn, declared that the statements
therein are true, and acknowledged to me that he/she
executed the same.

RECEIVED

JUN 25 1996

WATER RESOURCES
WESTERN REGION

AUG 09 1996

Jeanne Lusk

Notary Public for Idaho
Residing at Nampa
MY COMMISSION EXPIRES
JUNE 21st, 1997

WELL DRILLER: PLEASE COMPLETE FOR VERBALS

IDWR Employee Issuing Verbal: Verbal Issued Date: Time:

Appl. Pending

State of Idaho
Department of Water ResourcesAPPLICATION FOR DRILLING PERMIT
(FOR THE CONSTRUCTION OF A WELL)1. Applicant (please print): Stephen E. Woodard2. Mailing Address: 18139 DEAN LN.City & State Nampa ID Zip Code 83687-8135 Telephone 466-6008☒ Well Owner ☐ Well Operator ☐ Contractor or Other, specify 3. Proposed Well Location: Twp. 4N, Rge. 2W, Sec. 36, SE 1/4 SW 1/4Gov't Lot No. County CanyonStreet Address of Well Site c 1/4 mi. N. & Westside on DEAN City Nampa
Give at least name of road + Distance to Road or LandmarkLot, block and subdivision

4. Proposed Use of Well:

- ☐
- DOMESTIC: The use of water for homes, organization camps, public campgrounds, livestock (1,000 head or less) and for any other purpose in connection therewith, including irrigation of up to 1/2 acre of land, if the total use is not in excess of 13,000 gpd; or any other uses, if the total use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

Domestic does not include water for multiple ownership subdivisions, mobile home parks, commercial or business establishments, unless the use does not exceed a diversion rate of 0.04 cfs and a diversion volume of 2500 gpd.

NON-DOMESTIC: ☐ Irrigation ☐ Municipal ☐ Industrial
☐ Stock ☐ Test ☒ Other Commercial (mint still)
(Over 1,000 Head) (Describe)☐ INJECTION☐ MONITORING: A well bore schematic and map is required for each blanket permit.
No. of proposed wells:

5. Well Construction Information:

A. ☒ New well ☐ Modify ☐ ReplaceB. Proposed Casing Diameter 12" Proposed Maximum Depth 100'C. Anticipated bottom hole temperature:
☒ 85°F or less (Cold Water Well) ☐ 85°F to 212°F (Low Temp. Geo. Well) ☐ 212°F or more (Geothermal Well)6. Construction Start Date: ASAP - Requesting expedited drilling to be prepared for7. Anticipated Well Driller: PETE COPE WELLS DRILLING Lic. No. 0

NOTE: The actual well driller must be identified prior to drilling.

8. Applicant's Signature Stephen E. Woodard Date 6/24/96Title OWNER

(Owner, Firm Representative, Other)

AUG 09 1996

ACTION OF DEPARTMENT OF WATER RESOURCES

This Permit is APPROVED

Date

7/1/96

If approved, this permit authorizes the construction or modification of a well subject to the following conditions. READ CAREFULLY!

GENERAL CONDITIONS:

1. This drilling permit is valid for two (2) months from the above approval date for the start of construction and is valid for one (1) year from the approval date for completion of the well unless an extension has been granted.
2. This permit does not constitute an approval of the District Health Department or the Idaho Department of Health and Welfare which may be required before construction of this well. All wells must be drilled a minimum distance of 100 feet from a drain field. Domestic and Public Water Supply wells must be drilled a minimum of 50 feet and 100 feet respectively from a septic tank.
3. 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.
4. Approval of this drilling permit does not authorize trespass on the land of another party.
5. This permit does not constitute other local, county, state or federal approvals which may be required for construction of a well.
6. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
7. If a bottom hole temperature of 85° or greater is encountered, well construction shall cease and the well driller and the well owner shall contact the Department immediately.

SPECIFIC CONDITIONS:

8. Use of this well is not authorized unless the department approves pending water right application # 13-12338.
9. This expedited drilling permit is authorized on the assumption that the well owner's mitigation plan ^{concepts} of 6/26/96 will be implemented. The Director reserves the right to require additional mitigation beyond the 6/26/96 plan based upon a finding that identifies such a need.
10. The total depth of this well shall not exceed 100 ft without prior approval of the Department.

Steve Lester
Signature of Authorized Department RepresentativeDeputy Regional Manager
TitleReceipt No. 92Received by W021089Fee \$200

Date

6/24/96EXTENSION OF DRILLING PERMIT

Extension approved by

Date

This extension expires:

AUG 09 1996

CONVERSATION MEMORANDUM

DATE 6/24/96FILE 63-12338NAME OF PARTY Steve WoodardEMPLOYEE Steve LatorRE: REQUEST FOR EXPEDITED DRILLING PERMIT

Applicant called today to see if can get expedited drilling permit once protest deadline has passed without protests (6/24 = protest deadline).

Step 1 - file \$200 d.p. app. with expedited request (can use this memo as the request).

Step 2 - discuss with RBW conditions.

Step 3 - Forward to S.O. - Glen's area with Region's recommendation.

HE will stop by between now & Wed 6/26 to file d.p.

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State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190

FAX (208) 334-2348

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

Completed
FAX TRANSMITTAL COVER SHEET

FAX # (208) 334-2348

DATE:

6/21/96

TO:

Shelley

FROM:

Steve

RE → 63-12338

DOCUMENT DESCRIPTION:

"COVER MEMO" & Applicant's current mitigation plan (dated 5/22). Then Appl. 63-12338 was filed. 5/22 plan = 2 pg. letter w/ 7 pgs. of well logs. That plan is 2nd version per Mr. Woulard's efforts w/ dept. staff to see if looked possible to get approval permits.

TOTAL PAGES SENT:

01

+ COVER SHEET

CONTACT:

RECEIVED

AUG 09 1996

Protest deadline = 6/24/96 ; none filed yet.

Ed Squiers of United Water was sent comment letter on 5/30 per his request - no reply from him yet.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
FAX (208) 334-2348

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

May 30, 1996

ED SQUIRES
UNITED WATER IDAHO
PO BOX 7488
BOISE ID 83707

Re: Application for Water Right No. 63-12338 in the Name of
Stephen E. Woodard

Dear Ed:

Enclosed is a copy of the above referenced application for
water right.

Please review the application and return any comments you might
have within two weeks. If you have questions or need
information, feel free to contact this office.

Sincerely,

DAVID R. TUTHILL, JR., P.E.
Manager, Western Regional Office

DRT:st

Enclosure: Copy of Application

RECEIVED
AUG 09 1996
AUG 09 1996

MEMORANDUM

RECEIVED
APR 26 1996

Department of Water Resources

TO: FROM: Jim Johnson

FROM: TO Dave Tuthill

DATE: April 24, 1996

RE: Proposal by M&S Farms, Inc.

Attached is a proposed mitigation plan prepared by Steve Woodard of M&S Farms which provides additional information for a ground water development proposal that was recently considered by the state office. Mr. Woodard has not yet filed an application for permit, but wants a reaction as to what we will be requiring for mitigation before he files.

I have reviewed the information that has been provided, and based on (1) the limited extent of the proposed use, (2) the limitation of well depth to 100 feet, and (3) the proposal to develop a recharge pond, it appears to me that we could consider issuing a highly-conditioned water right for this project. Your thoughts?

Dave

Is 100' shallow enough? recharge is a must,
a pond may work. Has application been filed?

Think about what conditions would be needed

Jim

RECEIVED

9 1996

RECEIVED

MAY 09 1996

WATER RESOURCES
WESTERN REGION

Mitigation plan now
refined - see Attach. B
for details. -R 7/1/96

63-12338
ATTACHMENT A
(10 pgs.)

RECEIVED

APR 24 1996

WATER RESOURCES
WESTERN REGION

M & S FARMS, Inc.

18139 Dean Lane
Nampa, Idaho 83687

April 22, 1996

APPLICANT: Steve Woodard
Ph 466-6008 or 880-1112

REQUEST: to divert 200 GPM of groundwater to produce steam and condense steam in a mint still. Period of operation will be not more than 40 days between July 1 and October 1. An operating day will be 12 hours. Total use will be less than 18 acre feet per year.

LOCATION: SE SW Sec 36, T4N, R2W. Approximately 1000 feet north and 200 feet west of the intersection of Ustick Road and Dean Lane in Canyon County.

DIVERSION: well 100 feet in depth (or nearest confining layer), 20 inch diameter hole, 12 inch casing, 20 feet of screen and filter sand packing. To reduce the possibility of pumping sand, the 12 inch casing is being used to reduce the velocity of water entering the casing. A six inch submersible pump will be used. Tentative contractor is Riverside Inc. of Parma. Joe Jones, who drilled a number of wells in the area while with Pete Cope Drilling, believes the required flow can be produced from the strata above 100 feet.

AVAILABILITY: The attached well logs show the water bearing strata found in Sec 36.

- A Pioneer Irrigation well is about 400 feet from the proposed site. This well is 84 feet deep and produces approximately 800 GPM. No drillers log is available. Information supplied by Pioneer Irrigation District.
- The Lewis McKellip well is about 600 feet from proposed site. It was drilled for a mint still in 1980 and is no longer used for that purpose. This log indicates a confining layer at 123 feet. It was drilled 278 feet looking for soft water.
- Other confining layers at 103, 106, and 115 feet.
- Flows indicated in 6 inch wells less than 100 feet are 100 GPM
- static levels range from 7 to 25 feet
- logs indicate water bearing layers begin from 3 to 25 feet

FACILITY: A mint still to process the crop from 600 acres of mint. Still will consist of a 400 horsepower boiler, four steam condensers, and a "redistill" unit. From 30 to 50 GPM is required per condenser. The amount is dependent on water temperature. Preliminary design indicates that less than 50 GPM will be necessary. After initial start up, all boiler feed water will come from the discharge side of the condensers. All water used by the "redistill" will also come from the condenser discharge. Water lost from the process is

AUG 09 1996

63.12338

anticipated to be 720 gallons per 12 hour operating period. Cooling water volume is controlled by automatic temperature sensors to insure water is not wasted. ~~The remaining water used will be available for return to the shallow groundwater aquifer through surface irrigation or infiltration through ponds.~~ The process will not alter the quality of the water but will raise its temperature.

SOIL PROFILE: The area of construction has a soil profile consisting of 18 inches of silt loam, 18 inches of fractured hardpan (fractured by deep plowing and subsoiling), 12 inches of sandy clay, 24 inches of coarse material, then rocks and sand below six feet.

MITIGATION: ~~Approximately 2.5 acres of ground currently irrigated through the Pioneer Irrigation District will not be farmed.~~ This will leave 11.5 acre feet of water unused in the Boise River Basin. The crop to be harvested by this facility was processed by another still that will be reducing it's groundwater use by an amount equal to this withdrawal. Two options for recharge of the shallow aquifer are:

- 1) placing the water in the surface irrigation system. This system recharges the shallow aquifer as evidenced by wet spots in fields and the presence of two irrigation district drainage wells within 1 mile of the site. The water "lost" to evaporation and plant use would be made up by the reduction of irrigated acreage mentioned above.
- 2) construction of an infiltration pond 40 feet by 50 feet three feet deep. Overflow from this pond could enter a series of shallow ponds 12 feet wide by 1,300 feet long. Any water leaving this system would flow in an unlined ditch an additional 4,250 feet to a tributary of Five Mile Creek. Here too evaporation loss would be accounted for by reduced irrigated acreage.

Reuse of the cooling water would require a process to reduce its temperature to between 50 and 60 degrees Fahrenheit.

Please note that flow differences from the previous proposal occur because analysis of the system showed that not all condensers would be drawing water 100% of the operating day.

RECEIVED

AUG 09 1996

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 Leon Swenson
Address 18822 Dean Ln. Nampa, ID
Drilling Permit No. 63-92-C-161
Water Right Permit No. 63-11794

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)

3. PROPOSED USE

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

4. METHOD DRILLED

- ☒ Rotary ☒ Air ☐ Auger ☐ Reverse rotary
☐ Cable ☐ Mud ☐ Other _____
(backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____
Thickness Diameter From To
.250 inches 10 inches + 2 feet 194 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 ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation? _____ inches by _____ inches

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

Well screen installed? ☒ Yes ☐ No
Manufacturer Roscoe Moss Type Shutter
Top Packer or Headpipe 192
Bottom of Tailpipe 200

Diameter 8" Slot size 1/8" Set from 200 feet to 240 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 ☐ _____

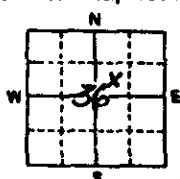
Sealing procedure used: ☐ Slurry pit
☒ Temp. surface casing ☐ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded
☐ Solvent Weld ☐ Cemented between strata

Describe access port Top of Well

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name 1906

Lot No. _____ Block No. _____

County CANYON

Address of Well Site 18822 Dean Ln. Nampa.
(give at least name of road)

SW 1/4 NE 1/4 Sec. 36 T. 4 N ☒ or S ☐
R. 2 E ☐ or W ☒

7. WATER LEVEL

Static water level 25 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.

8. WELL TEST DATA

☐ Pump ☐ Bailor ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
400-500		1

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
10"	1	2	Top Soil		
"	2	4	Hard Pan		
"	4	8	Sandy Clay		
"	8	33	Sand & Gravel		
"	33	38	Clay & Pea Gravel		
"	38	57	Clay & Pea Gravel		
"	57	64	Sandy Clay		
"	64	81	Sand wet only		
"	81	87	Clay		
"	87	92	Sand v. coarse	X	
"	92	95	Clay		
"	95	103	Sand finer	X	
"	103	113	Clay		
"	113	117	Sand		
"	117	165	Sandy Clay		
"	165	178	Clay		
"	178	180	Sandy Clay		
"	180	190	Clay/little sand		
"	190	195	Sand	X	
"	195	201	Sand	X	
"	201	208	Clay		
"	208	210	Clay soft/Sand	X	
"	210	214	Clay		
"	214	216	Sand	X	
"	216	226	Clay		
"	226	228	Sand	X	
"	228	233	Clay		
"	233	240	Sand a lot	X	

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Department of Water Resources
Western Regional Office

10.

Work started 9/2/92 finished 9/8/92

11. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Adamson Pump & Drilling Firm No. 457
Address Nampa, ID Date 9/9/92

Signed by Drilling Supervisor Dave Adamson

and Dave Adamson
(Operator)
(If different than the Drilling Supervisor)

DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORTState 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 SORENSEN, FORREST
Address 18663 DEAN LANE
NAMPA, ID 83687
Drilling Permit No. 63-93-W-0656
Water Right Permit No. _____**7. WATER LEVEL**Static water level 14 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
-
- ☐
- Well diameter increase
- ☐
- Modification
-
- ☐
- Abandoned (describe abandonment or modification procedures
-
- such as liners, screen, materials, plug depths, etc. in lithologic
-
- log, section 9.)

8. WELL TEST DATA☐ Pump ☐ Baller ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
100	60	2

3. PROPOSED USE

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

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
9"	0	4	TOPSOIL	NO	
9"	4	5	HARDPAN	NO	
9"	5	20	BRN CLAY	NO	
9"	20	35	GRAVEL	YES	
9"	35	40	BRN CLAY	NO	
6"	40	50	BRN CLAY	NO	
6"	50	55	BRN SAND	YES	
6"	55	65	BRN CLAY	NO	
6"	65	68	BRN SAND	YES	
6"	68	70	BRN CLAY	NO	
6"	70	80	BRN SAND	YES	

4. METHOD DRILLED

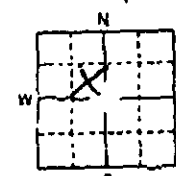
- ☒
- Rotary
- ☒
- Air
- ☐
- Auger
- ☐
- Reverse rotary
-
- ☐
- Cable
- ☐
- Mud
- ☐
- Other _____
-
- (backhoe, hydraulic, etc.)

5. WELL CONSTRUCTIONCasing schedule: ☒ Steel ☐ Concrete ☐ Other _____
Thickness _____ Diameter _____ From _____ To _____
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feet
_____ inches _____ inches _____ feet _____ feetWas casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☒ Yes ☐ No
Perforated? ☐ Yes ☒ No
How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
Size of perforation? _____ inches by _____ inchesNumber _____ From _____ To _____
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feet
_____ perforations _____ feet _____ feetWell screen installed? ☒ Yes ☐ No
Manufacturer WESCO STAINLESS STEEL
Type 64 FEET
Top Packer or Headpipe _____
Bottom of Tailpipe _____Diameter 5" Slot size 20 Set from 71 feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
Placed from _____ feet to _____ feetSurface seal depth 40 Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☐ _____Sealing procedure used: ☒ Slurry pit
☐ Temp. surface casing ☒ Overbore to seal depth
Method of joining casing: ☐ Threaded ☒ Welded
☐ Solvent Weld ☐ Cemented between strata

Describe access port _____

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County CANYONAddress of Well Site 18663 DEAN LANE
(give at least name of road)T. 4 or S. ☒
SE 1/4 NW 1/4 Sec. 36 R. 2 E ☐ or W ☒**10.**Work started 7/6/93 finished 7/6/93**11. DRILLER'S CERTIFICATION**I/We certify that all minimum well construction standards were
complied with at the time the rig was removed.Firm Name SOS WELLDRIILLING No. 212Address 4145 N. BLACKCAT ROAD 7/10/93MERIDIAN, IDAHO 83642

Signed by Drilling Supervisor _____

and
(Operator) George Post
(If different than the Drilling Supervisor)

MEMORANDUM

Jim J. [signature]

TO: GLEN *MS*
FROM: NORM *NCS*
SUBJECT: PROPOSED GROUND WATER USE FOR MINT STILL
DATE: April 9, 1996

I think the mitigation approach is appropriate. The proposed diversion rate is significant. The impact on the aquifer is dependent upon getting the water back to the aquifer to offset the pumped amount. The initial proposal to rely upon ditch losses and let the remainder find its way into the Boise River drainage is not adequate. A plan to recharge all return flow and to offset losses is needed. Tuthill's concept to keep the diversion to the upper aquifer may be consistent with Karl's thought that the recharge should benefit the same part of the aquifer from which the water is pumped.

63-12338

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Attachment B

MEMORANDUM

To: Norman C. Young
From: L. Glen Saxton *LS*
RE: PROPOSED GROUNDWATER DIVERSION FOR MINT DISTILLING
Date: April 8, 1996

I agree with Jim Johnson's analysis that the department should consider approving a groundwater application for permit in the Boise River drainage due to its insignificant consumption of water even though the rate of diversion would be substantially larger than 0.04 cfs.

The moratorium appears to provide for such an exception in the paragraph which states the following:

9. The moratorium does not prevent the Director from reviewing on a case-by-case basis an application which if otherwise would not be approved under terms of this moratorium, if, ...

b) the Director determines that the development and use of the water pursuant to an application will have no effect on prior surface or ground water rights, because of its location, insignificant consumption of water or mitigation provided by the applicant to offset injury to other rights.

Please advise me of your comments so we can soon get back to Steve Lester concerning this matter.

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MEMORANDUM

Date: April 8, 1996
From: Jim Johnson
To: Glen Saxton
Subject: Groundwater Appropriations in Basin 63

=====

Attached is a letter from M&S Farms Inc. that Steve Lester faxed to me. The farm operator, Mr. Woodard, wants to use groundwater for processing peppermint and spearmint plants. See the letter for details.

Also attached is a E mail message I received from Steve Lester relating to this matter. Dave T. suggested that Steve forward his proposal to the State Office for initial reaction.

I am forwarding this to you for your comments and perhaps you will want to pass it on to Norm for his comments.

My reaction to Mr. Woodard proposed use is that the Department should approve the application if it was filed. The reason for my proposal is because the proposed use is so small it would not have any measurable impact on other water rights or the aquifer.

To illustrate how small the affect is, consider the volume of a single domestic use with a 1/2 acre lawn and garden.

Annual Consumptive use for lawn and garden is = 1.75 acre feet, or 570,237 gallons/year.

The annual volume consumed by Mr. Woodward's appropriation would be approximately be = 0.14 acre feet or 47,000 gallon/year.

The annual consumptive volume is only 8 percent of the volume consumed by irrigation of 1/2 acre. In other words, it would take 92 operations like Mr. Woodard's to equal the affect of one domestic use.

Provisions of section 42-111 require an application for permit for Mr. Woodard's use because the instantaneous diversion rate will exceed 0.04 cfs. I don't see any need, due to its deminious affect, for special conditions to further identify or to restrict water used under the appropriation.

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State of Idaho
DEPARTMENT OF WATER RESOURCES

Western Region, 2735 Airport Way, Boise, Idaho 83705-5082 - (208) 334-2190
 FAX (208) 334-2348

PHILIP E. BATT
 GOVERNOR

KARL J. DEHEER
 DIRECTOR

FAX TRANSMITTAL COVER SHEET

FAX # (208) 334-2340

DATE: 4/3/96

TO: Jim Johnson

FROM: Steve Lester

DOCUMENT DESCRIPTION:

M & S Farm / Steve Woodard: WELL

$$\frac{300 \text{ ft}}{\text{hr}} \times \frac{60 \text{ min}}{1 \text{ hr}} \times \frac{12 \text{ hr}}{24 \text{ hr}} = 90 \text{ min}$$

≈ 26 AF total use or

325,850 g/af

or 2/3 AF/day

almost 100% of pumpage will go to earth ditch after mix use.

TOTAL PAGES SENT: 1 + COVER SHEET

CONTACT:

See my mail msg. just sent to you c
this. Thanks.

-SL

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From: DWR80::SLESTER 3-APR-1996 13:29:50.43
To: DWR03::JJOHNSON
CC: SLESTER
Subj: M & S FARMS (STEVE WOODARD) REQUEST, BASIN 63

Jim, I am faxing you a 1 page item prepared by S. Woodard. He wants to use a well for mint uses in basin 63 but faces the > .04 cfs limit for getting new permit unless can show mitigation etc. He brought this plan in to get dept. impression of whether or not he's on track or not in addressing the "delay" issue. I ran this by DRT and he suggested a condition that limits a well to 100' or less depth to be sure pumps from shallowest aquifer. Then, the discharge into ditch with seepage & returns to creek/river might be able to be viewed as a more or less balanced deal from conjunctive mngt. point of view, DRT said.

DRT asked me to forward this proposal to you to get an idea of how S.O. would view. Of course, we can't know any definite answer without going through the appl./protest etc. process but maybe can get an initial reaction from Norm/Glen/you.

Mr. Woodard has been working hard to come up with something - no luck in transfer concept to date so he's trying the new permit route. Asked for a quick response if possible since time is running out on him for this year.

Please take a look & talk it over & let me know what the S.O. perspective is. Then I can pass that on to him. Menawhile, I will call him & tell him what we are doing.

Let me know if need more information. Thanks for your help.

--Steve

AUG 09 1996

M & S FARMS, Inc.

18139 Dean Lane
Nampa, Idaho 83687

April 1, 1996 *

Proposed construction of groundwater diversion of 300 GPM by construction of 12 inch well 100 to 200 feet deep.

Use:

Boiler feed water and condenser cooling water. The facility will recover essential oil from peppermint and spearmint plants. The flow requirement will range from 200 to 300 gallon per minute. Rate will depend on the water temperature. Nearby well temperatures indicate cooling requirement to be about 200 GPM.

Operation during the period July 1 to October 1. Maximum operating time will be 40 days for 12 hour periods. Water lost in the process is anticipated to be 720 gallons per 12 hrs of operation.

The remaining diversion will be returned via a dirt ditch 5,550 feet long and 18 inches deep. Slope of the ditch averages 2 feet per 1000 feet. Any water not absorbed in the ditch will enter a tributary of Five Mile Creek. Since the largest use is heat transfer the water quality will not be affected.

The area of the proposed groundwater diversion has supplemental irrigation wells in which static level is 20 to 30 feet. The area soil profile is 18 inches of silt loam, 18 inches of fractured hard pan, 12 inches of sandy clay, 24 inches of coarse material, then coarse gravel and sand below six feet.

The groundwater in the area is recharged by irrigation and water flow in the canal valley canal system. Since the water will not be consumed and will be allowed to recharge the aquifer, the quantity of water in the Boise River Aquifer will not be reduced any more than the 2500 gallons per day allowed new wells.

I CAN FOLLOW UP WITH
HIM PER YOUR RESPONSE

↓ JL
Steve Woudard
466-6008 (h)
880-1112 (cellular)

Office Visit
JL
AUG 09 1996

63-12338

WOODARD, STEPHEN E
18139 DEAN LN
NAMPA, ID 836878135

Source: GROUNDWATER

Diversion Pt: SESW Sec 36 T 04N R 02W in CANYON County.

Use: COMMERCIAL (0.500 CFS)
 Total Diversion: (0.500 CFS)

Date Filed: 5/15/1996

In: CANYON County
 T04N R02W S36 SESW

Water bearing zone to be appropriated is to level of first
confining layer, about 100'. Use to be mitigated by reducing
existing irrigation and returning pumped water to water bearing
zone.

11-11-1996

AUG 09 1996