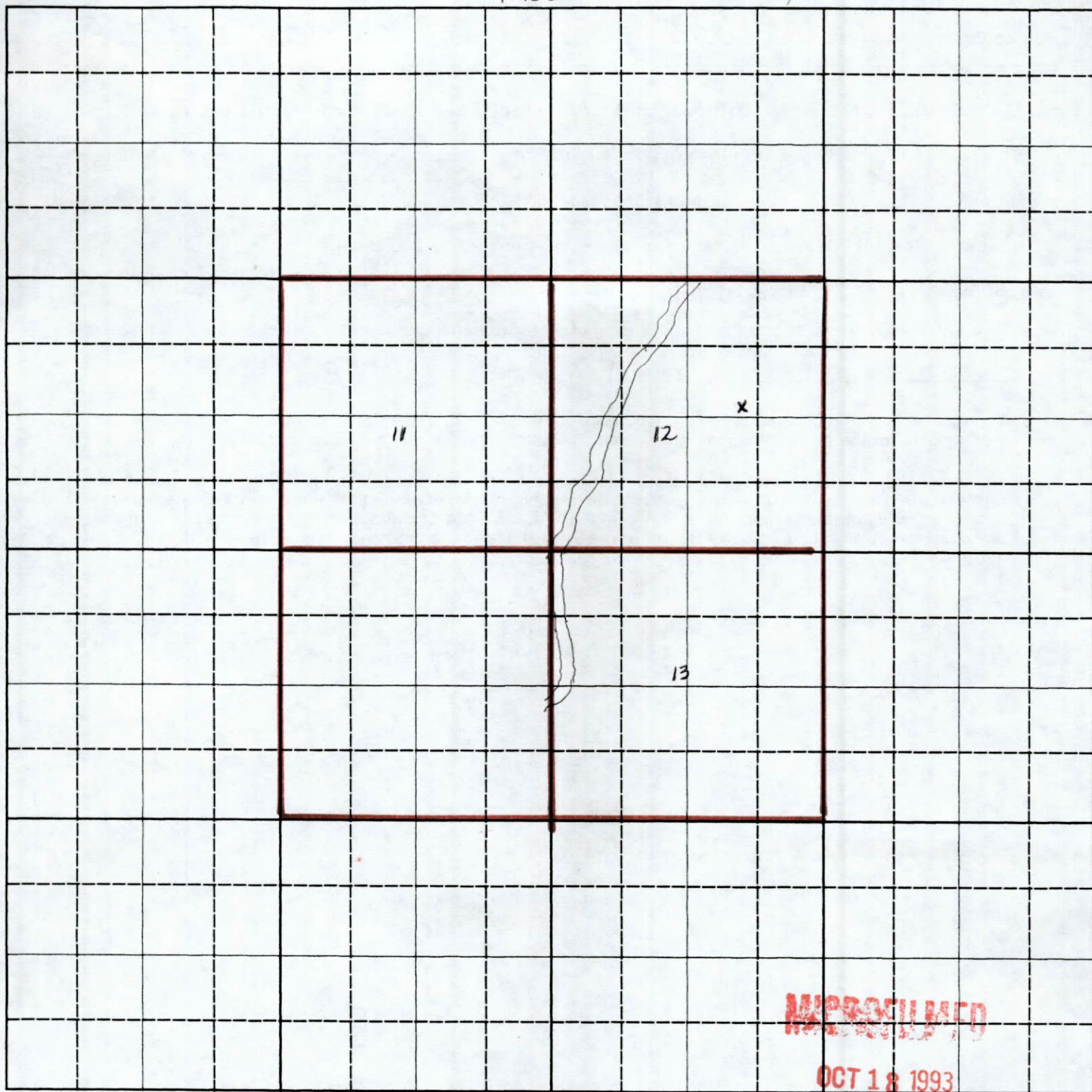


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

R42E

exact location!



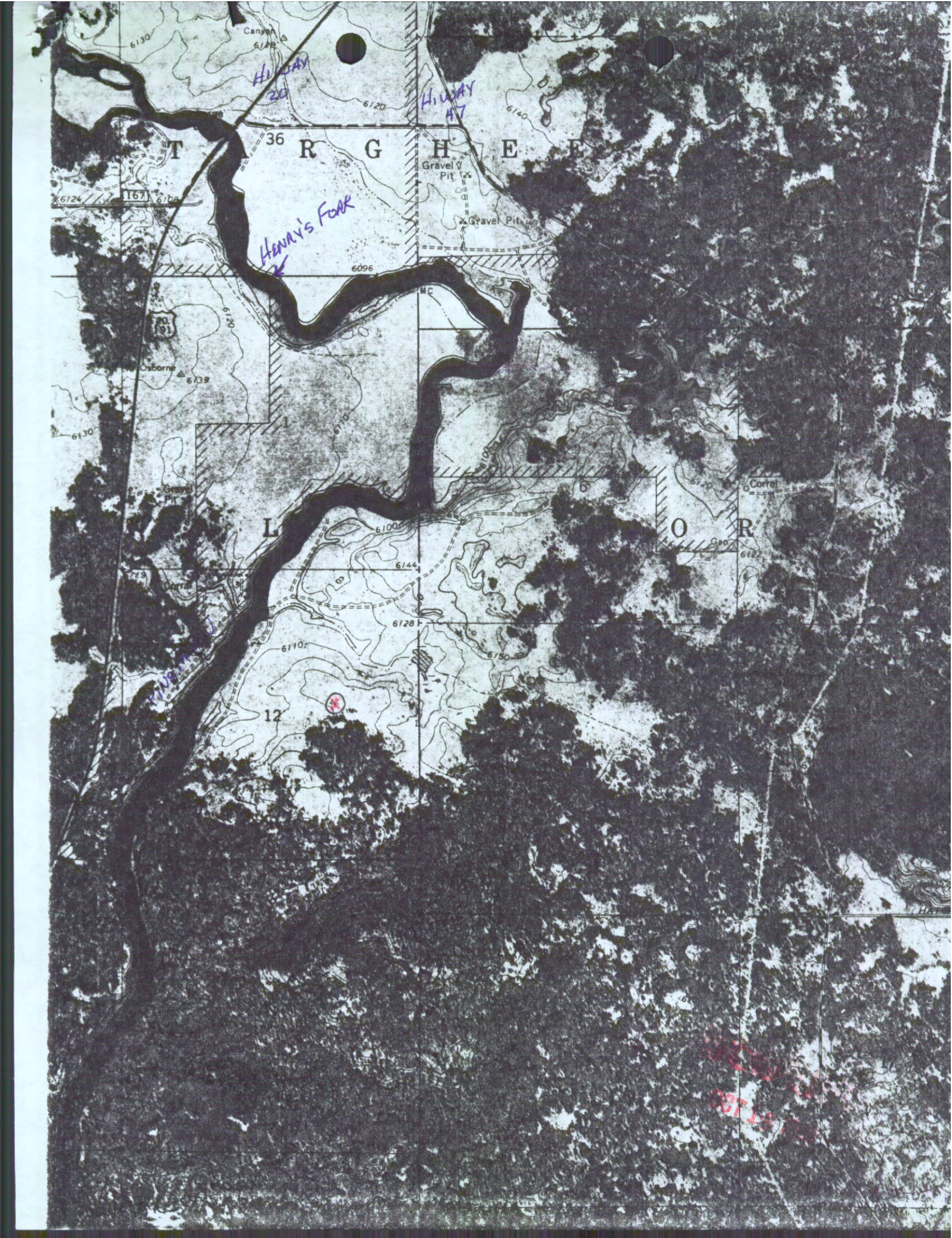
Scale: 2 inches equal 1 mile.

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.

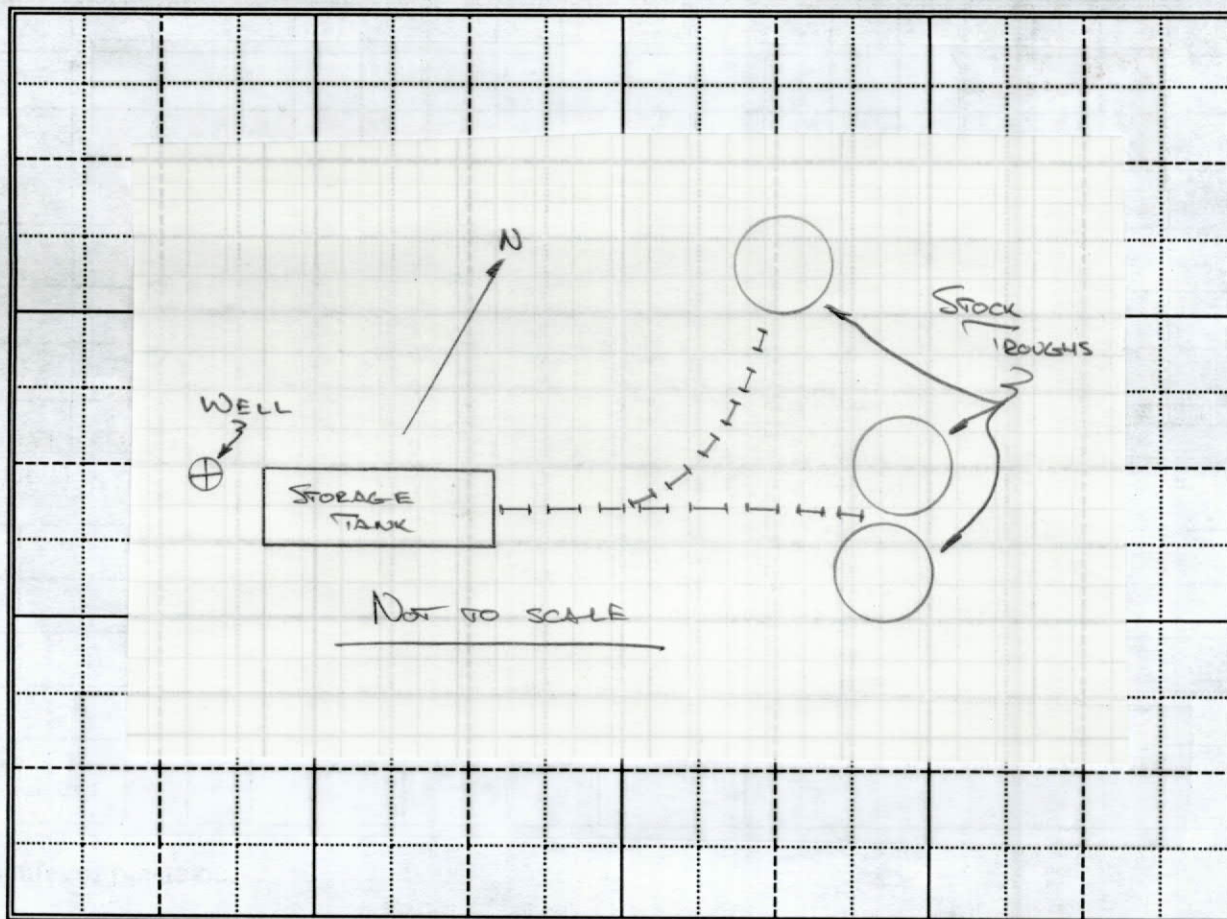
USDA - Forest Service

James H. Laswell
(Applicant)

(for) GRAY F. RENYOLDS, Regional Forester



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



Scale: 1" = _____

____ 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	1 1/2	282 3008110		

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements: STATIC H₂O @ 60' FROM WELL LOG, ATTACHED

AUG 08 1995

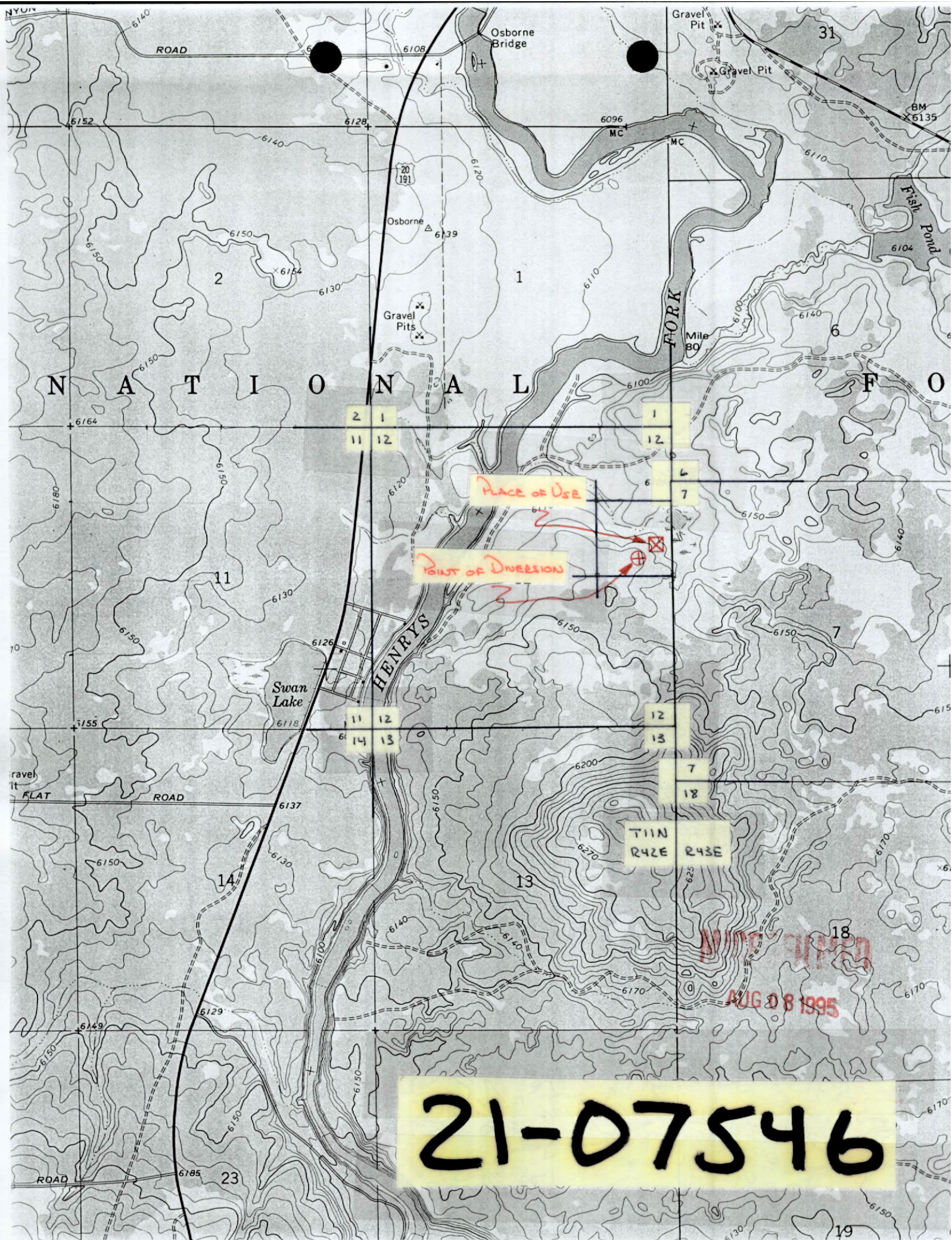




Fig. 1 - Point of diversion with storage tank.



Fig. 2 - Place of use showing stocktroughs and storage tank at top of knoll.

21-07546
FILMED
AUG 08 1995

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 21-07546

Priority: August 2, 1993

Maximum Diversion Rate:
Maximum Diversion Volume:

0.04 CFS
0.7 AF

This is to certify, that US DEPT OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST ANTHONY ID 83445-0208

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 2, 1993; and has submitted Proof of Beneficial Use on November 10, 1993. An examination indicates that the works have a diversion capacity of 0.060 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>
STOCKWATER	06/20 to 10/10	0.04 CFS	0.7 AF

LOCATION OF POINT(S) OF DIVERSION:

SESENE, Sec. 12, Township 11N, Range 42E
FREMONT County

PLACE OF USE: STOCKWATER

TWN RGE SEC

11N 42E 12

SENE

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 which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Stockwater use is for 841 range cattle.
6. Water used under this right also includes water for wildlife.

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 25TH day of July, 1995.

RECEIVED

Acting for

KARL J. DREHER, Director

8-1995

State of Idaho
Department of Water Resources

RECEIVED

JUL 24 1995

Department of Water Resources

APPLICATION FOR AMENDMENT

(For Licensing Purposes)

WATER RIGHT NO. 21-07546

Date of Priority: August 2, 1993

Maximum Diversion Rate:

0.04 CFS

Maximum Diversion Volume:

0.7 AF

Comes now

US DEPT OF AGRICULTURE

FOREST SERVICE

TARGHEE NATIONAL FOREST

PO BOX 208

ST ANTHONY ID 83445-0208

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. 21-07546, 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>
STOCKWATER	06/20 to 10/10	0.04 CFS	0.7 AF

LOCATION OF POINT(S) OF DIVERSION: SESENE, Sec. 12, Township 11N, Range 42E
FREMONT County

PLACE OF USE: STOCKWATER

TWN RGE SEC

11N 42E 12

SENE

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 St. Anthony, Idaho, this 17th day of July, 1995.

RECEIVED

AUG 08 1995

United States of America (Forest Service)

Greg B. Reese
(Signature)

for DALE N. BOSWORTH
Regional Forester

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 21-07546

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = 50.00 Receipted by JW # C033252 Date 7-25-95

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, Karl J. Dreher, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 21-07546 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 which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Stockwater use is for 841 range cattle.
6. Water used under this right also includes water for wildlife.

Witness my hand this 25th day of July, 1995.

Karl J. Dreher
Acting for KARL J. DREHER, Director

APPROVED
AUG 08 1995

08/89
RECEIVED

For Office Use Only
Amt. of Fee \$ N.A.
Date 11-10-93
Receipt No. _____
Received by _____

NOV 10 1993

Department of Water Resources
Eastern District Office

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

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

Permit No. 21-07546 Telephone No. 624-3151

Name(s) of Permit Holder(s): (USDA - FOREST SERVICE) United States of America

Post Office Address: TARGHEE NATIONAL FOREST
Box 208, ST. ANTHONY, ID 83445

Source of Water: WELL

If ground water, well driller's name: ANDREWS WELL DRILLING Date drilled: AUG 20, 93

Extent of Use:
Domestic _____ (No. of households) Irrigation _____ (No. of acres)
Stockwater ✓ (No. and type of stock) Other _____

786 HEAD OF CATTLE

Total rate and/or volume for which proof is submitted .02 cfs _____ acre/feet

Show date water was first diverted and beneficially used under this permit: OCTOBER 2, 93

One of the following may be a condition of approval of your permit:

Measuring device: Required? Yes ✓No Installed? Yes ✓No

OR

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

Fee Enclosed: \$ -0- (See License Examination Fee Schedule)

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

JACK COLWELL 652-7442
Name Telephone No.

P.O. Box 858, Ashton, ID 83420
Address

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.

11/5/93 United States of America (USDA - Forest Service)
Date Signature (and title if on behalf of a company or organization) William P. L'Amour
for Gray F. Reynolds, Regional Forester **RECEIVED** JAN 10 1994

State of Idaho

Department of Water Resources

LICENSE EXAMINATION FEE SCHEDULE

(c.f.s. = cubic feet per second
AF = acre feet)

cfs	AF	Fee
0 - 0.04	0 - 4	\$ 0
.05 - 0.20	5 - 20	50.00
.21 - 1.0	21 - 100	100.00
1.01 - 2.0	101 - 200	125.00
2.01 - 3.0	201 - 300	150.00
3.01 - 4.0	301 - 400	175.00
4.01 - 5.0	401 - 500	200.00
5.01 - 6.0	501 - 600	225.00
6.01 - 7.0	601 - 700	250.00
7.01 - 8.0	701 - 800	275.00
8.01 - 9.0	801 - 900	300.00
9.01 - 10.0	901 - 1000	325.00
10.01 - 11.0	1001 - 1100	350.00
11.01 - 12.0	1101 - 1200	375.00
12.01 - 13.0	1201 - 1300	400.00
13.01 - 14.0	1301 - 1400	425.00
14.01 - 15.0	1401 - 1500	450.00
15.01 - 16.0	1501 - 1600	475.00
16.01 - 17.0	1601 - 1700	500.00
17.01 - 18.0	1701 - 1800	525.00
18.01 - 19.0	1801 - 1900	550.00
19.01 - 20.0	1901 - 2000	575.00
20.01 & over	2001 & over	600.00

Checks should be made payable to the
Department of Water Resources

No fee is required for single ownership
domestic use or stockwater use of
less than 13,000 gallons per day.

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 21-07546

Proposed Priority: August 2, 1993 Maximum Diversion Rate: 0.04 CFS

This is to certify, that US DEPT OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST ANTHONY ID 834450208

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>
STOCKWATER	06/20 to 10/10	0.04 CFS

LOCATION OF POINT(S) OF DIVERSION: SESWNE , Sec. 12, Township 11N, Range 42E
FREMONT County

PLACE OF USE: STOCKWATER
TWN RGE SEC

11N 42E 12 SWNE

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before October 1, 1994.
2. Subject to all prior water rights.
3. Stockwater use is for 841 range cattle.

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

20th day of September, 1993.

R. Keith Higginson
for R. Keith Higginson, Director

APPROVED

OCT 18 1993

RECEIVED

Form 202
6/85

SEP 10 1993

21-7546

Ident. No. _____

Department of Water Resources

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant USDA - Forest Service Phone (208) 624-3151
Post office address Targhee National Forest, P.O. 208, St. Anthony, ID 83445
2. Source of water supply groundwater which is a tributary of N/A
3. Location of point of diversion is SE $\frac{1}{4}$ of SW $\frac{1}{4}$ of NE $\frac{1}{4}$, Govt. Lot _____
Sec. 12 Township 11N Range 42E B.M. Fremont County; additional
points of diversion if any: _____
4. Water will be used for the following purposes:
Amount 0.04 cfs for water for livestock purposes from JUNE 20 to OCT. 10 (both dates inclusive)
(cfs or acre-feet per annum) Stockwater
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 0.04 cfs and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
 - a. Description of ditches, flumes, pumps, headgates, etc. Pump to 10,000-gallon tank with
buried water line, then to 3 troughs
 - b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet; period of year when water will be diverted to storage:
_____ to _____ inclusive.
 - c. Proposed well diameter is 8 inches; proposed depth of well is ~250 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).

OCT 18 1993

8. Description of proposed use: Irrigation only, go to item 9):

- a. Hydropower; show total feet of head and proposed capacity in KW. _____
- b. Stockwatering; list number and kind of livestock. 841 cattle
- c. Municipal; show name of municipality. _____
- d. Domestic; show number of households. _____
- 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	
11N	42E	12			5														

Total number of acres to be irrigated _____

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

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

12. Remarks: Application for drilling permit accompanies this.

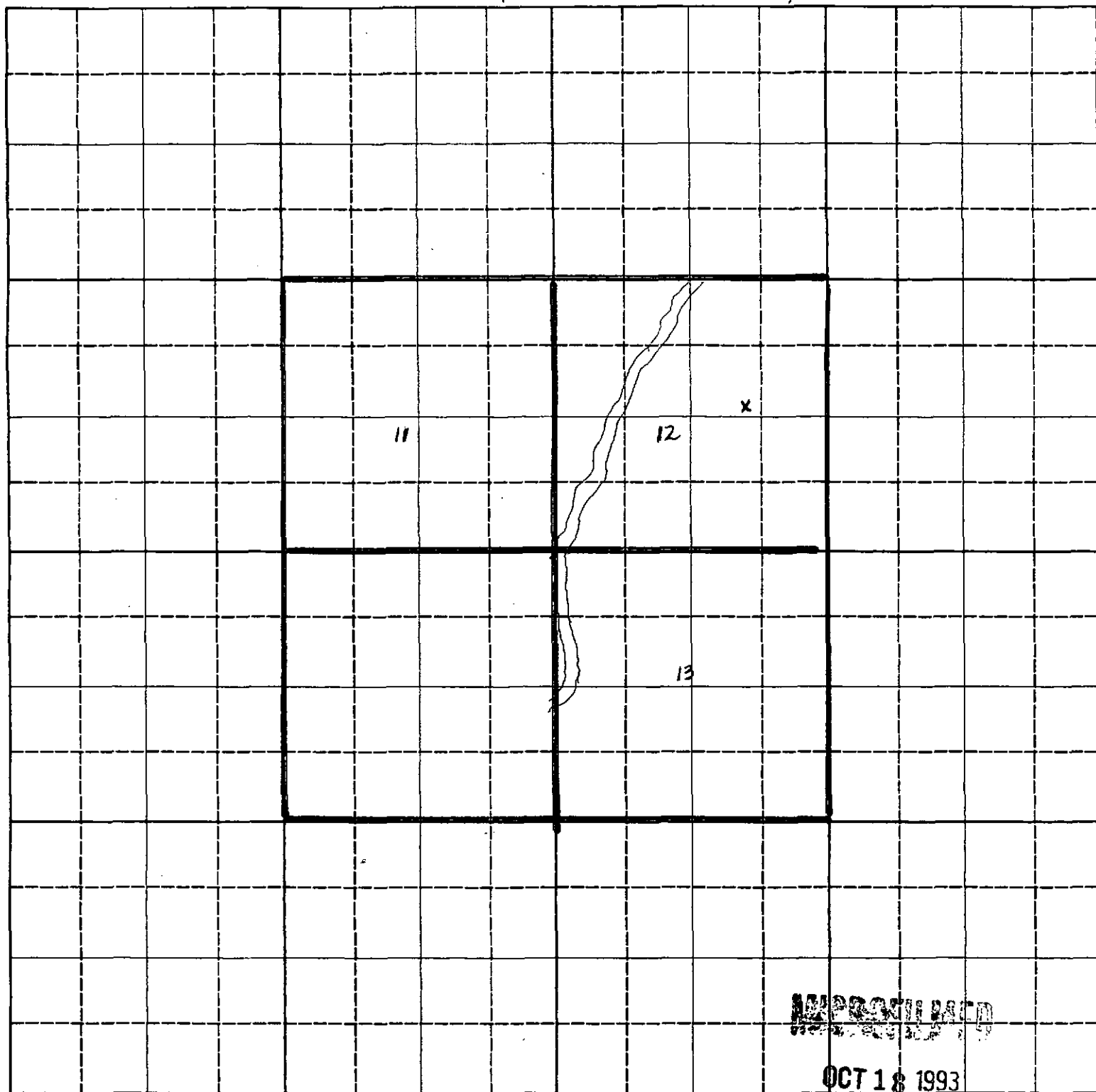
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OCT 18 1993

13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.

R42E

exact location!



Scale: 2 inches equal 1 mile.

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.

USDA - Forest Service

James H. Lawrence
(Applicant)

(for) GRAY F. RENYOLDS, Regional Forester

Received by WM Date 8/2/93 Time 2:04pm Preliminary check by ck

Fee \$ 30.85 Received by HWT # E018980 Date 8-2-93

Publication prepared by LB Date 8-20-93 Published in Herald Chronicle

Publication approved LB Date 9-8-93

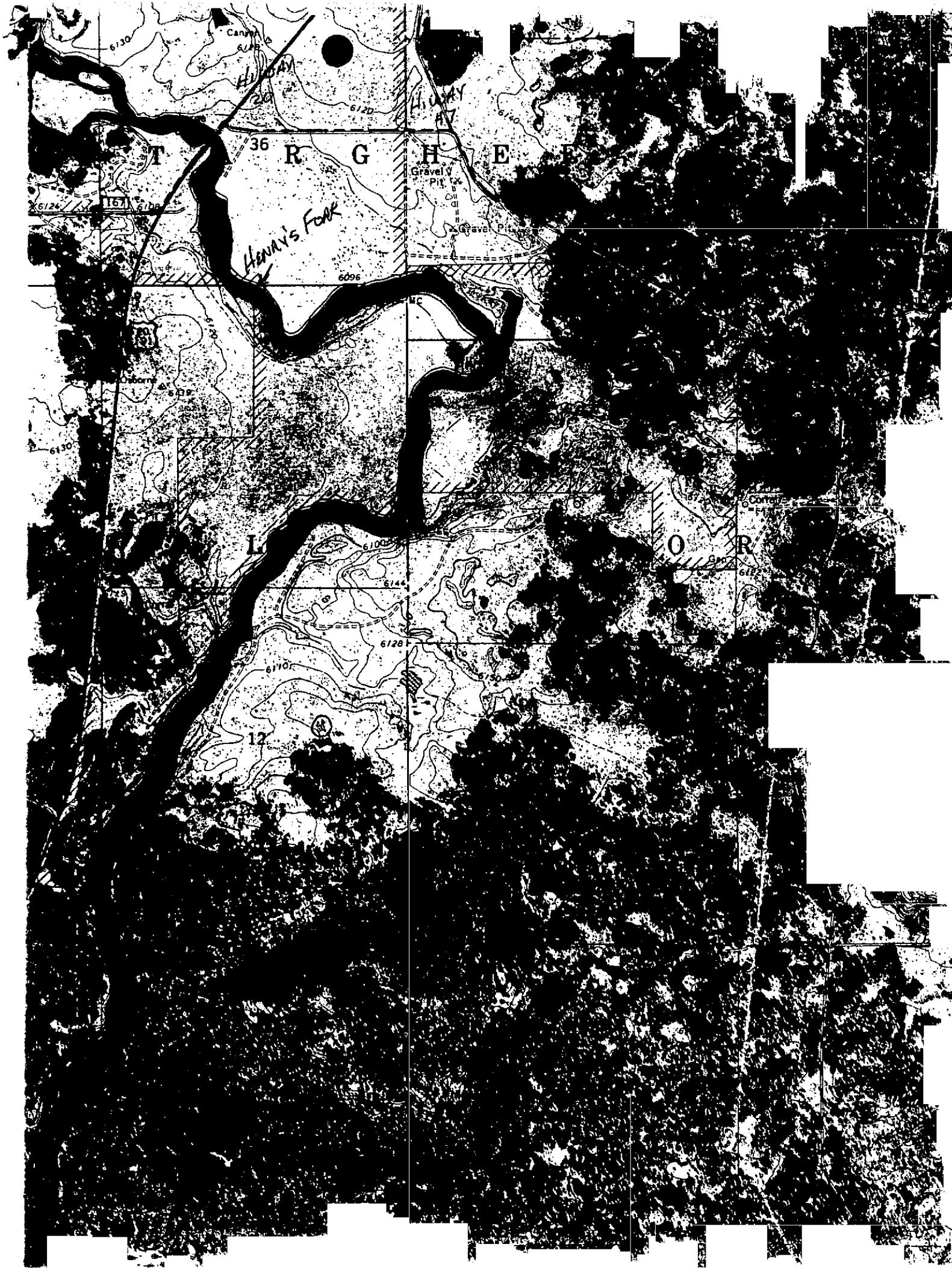
ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

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

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 _____, 19 ____.
 - 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:

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OCT 18 1993





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 27, 1995

US DEPT OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST ANTHONY ID 834450208

RE: WATER RIGHT NO. 21-07546

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit along with a copy of your approved Application for Amendment.

Should you have any questions regarding these documents, please contact me.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED

AUG 08 1995



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 5, 1995

US DEPT OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST ANTHONY ID 834450208

RE: WATER RIGHT NO. 21-07546

Dear Water Right Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed Application for Amendment contains information that will be included on the license when it is issued. The amendment reflects a change in the location of the point(s) of diversion and the place(s) of use description. Please review carefully and if you concur, sign the amendment and return with the \$50.00 filing fee within 60 days.

The last page of the Application for Amendment form contains a list of CONDITIONS/REMARKS proposed for the license when it is issued. These conditions/remarks may be modified upon further administrative review.

If you do not concur, or if you have any questions about this information, please contact me as soon as possible. My telephone number is (208) 327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED

AUG 08 1995

Cindy Zimmerman

Permit #: 21-7546 Name: USFS-Targhee Date: 6/2/95

Chng OK

NAME ✓ Or Address Change?

SOURCE ✓ Clarify source _____
Prelim. Order to Void - Source change.

P/D ✓ Amendment Needed? SESENE -P39,P38
Overlap(s) _____

P/U ✓ Amendment Needed? SENE -P41,P38
Overlap(s) _____
*P/D & P/U Amend? P37,P38 (See list for feds.)

RATE ✓ Permit/fee limits: 0.04 / 0.04
 ✓ Meas Q= Theo Q= 0.06 Recommended: 0.04

(HP) $\frac{8.8 \times 0.70 \times 1.5}{\frac{60}{24} + (2.31 \times 40)} = \frac{9.24}{152.4} = 0.06 \text{ cfs}$
Combined rated exceed capacity N/A

VOLUME ✓ Season of Use: 6/20-10/10 days 112
Calculations: _____

Flow limit: $\frac{0.04 \times 112 \times 1.9835}{24} = 0.74 \text{ AF}$
Comb rates + capacity/allowable

USES ✓ Same Nature of Use? _____ -P46
 Amendment Needed? _____

REMARKS Multiple p/d's in $\frac{1}{4}$?
 Irrigation water overlap (WB3) (If gw use sw)
✓ Other W02/84/Rc

CONDITIONS Measuring (R01)/Locking (R02) Devices
 Watermaster Control (R04) - WD # _____
 Irrigation rate/volume overlap
 Water Quality/Other

PRIORITY Correct fee submitted? Yes/No Receipt # _____
Order to Reinstate Needed? Yes/No Done? _____
Advance(d)? Yes/No Advance(d) to: _____
App Rcd 8/2/93 Priority 8/2/93 Examined 5/27/94

COMMENTS:

RECOMMENDED
Stock/841 RC

CFS
0.04

DIV VOL
0.74

Adjustment Memo
SRBA Claim filed _____
LICENSE: P49
#1 AMEND LTR: P46 or P39/P41/P37 & P38/P48
#2 AMEND LTR: P42/P47

TOTAL

0.04

0.74

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
DEC 11 1994
Department of Water Resources

A. GENERAL INFORMATION

Permit No. 21-07546

USDA - Forest Service
Targhee National Forest
P.O. Box 208, Saint Anthony, ID 83445-0208

Phone: (208) 624-3151

2. Accompanied by: — EXAM DATE: 5-27-1994

Address: — Phone No. —

Relationship to Permit Holder: —

3. Source: GROUNDWATER tributary to —

B. OVERLAP REVIEW

1. Other water rights with the same place of use: —

2. Other water rights with the same point of diversion: —

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	SE	NE	12	11N	42E	FREMONT	USGS, ONSITE, NAAP, OQ

2. Place(s) of Use:

Indicate Method of Determination SAME

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
11N	42E	12				S													

AUG 08 1995

AUG 08 1995

1410

2. Measurements: Static 40' 6" from Well Log, Attached

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

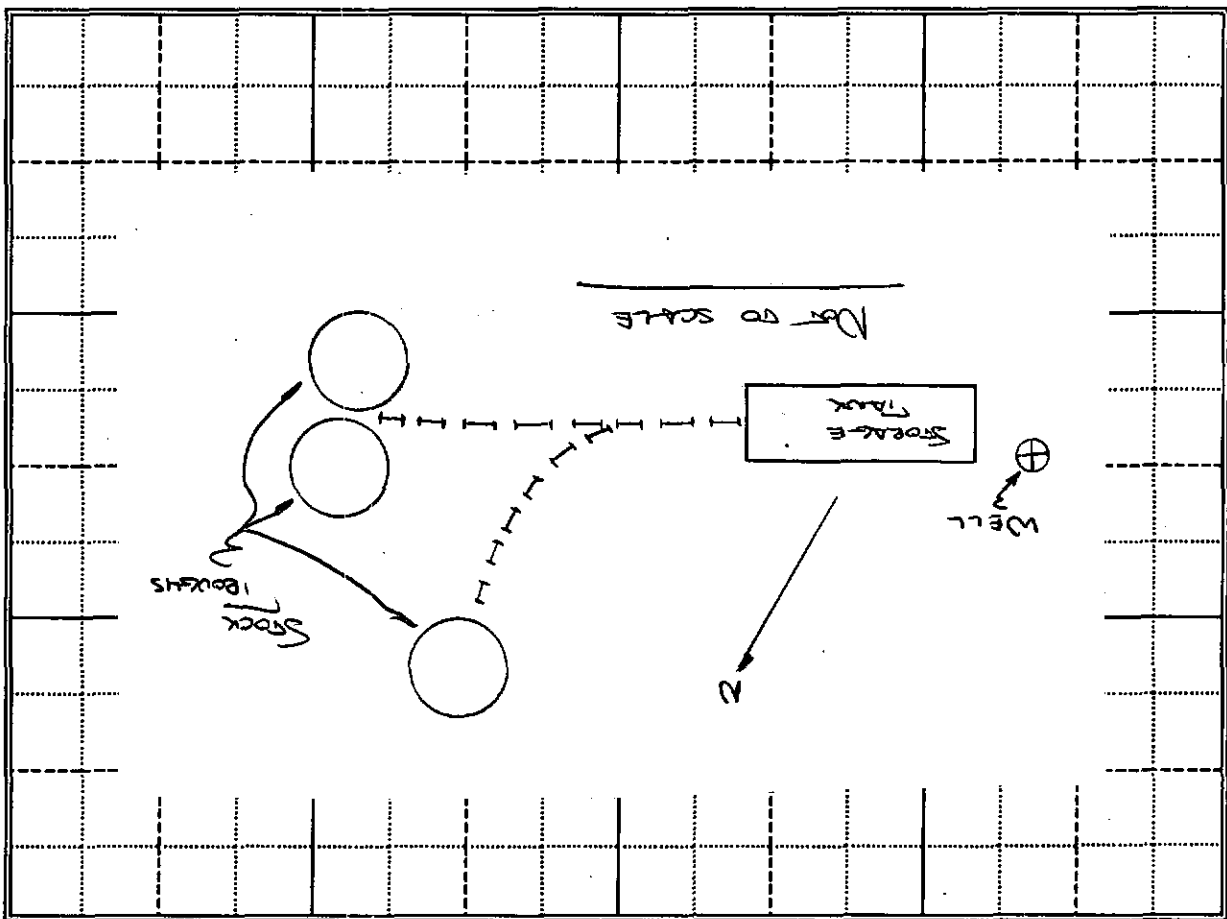
D. FLOW MEASUREMENTS

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

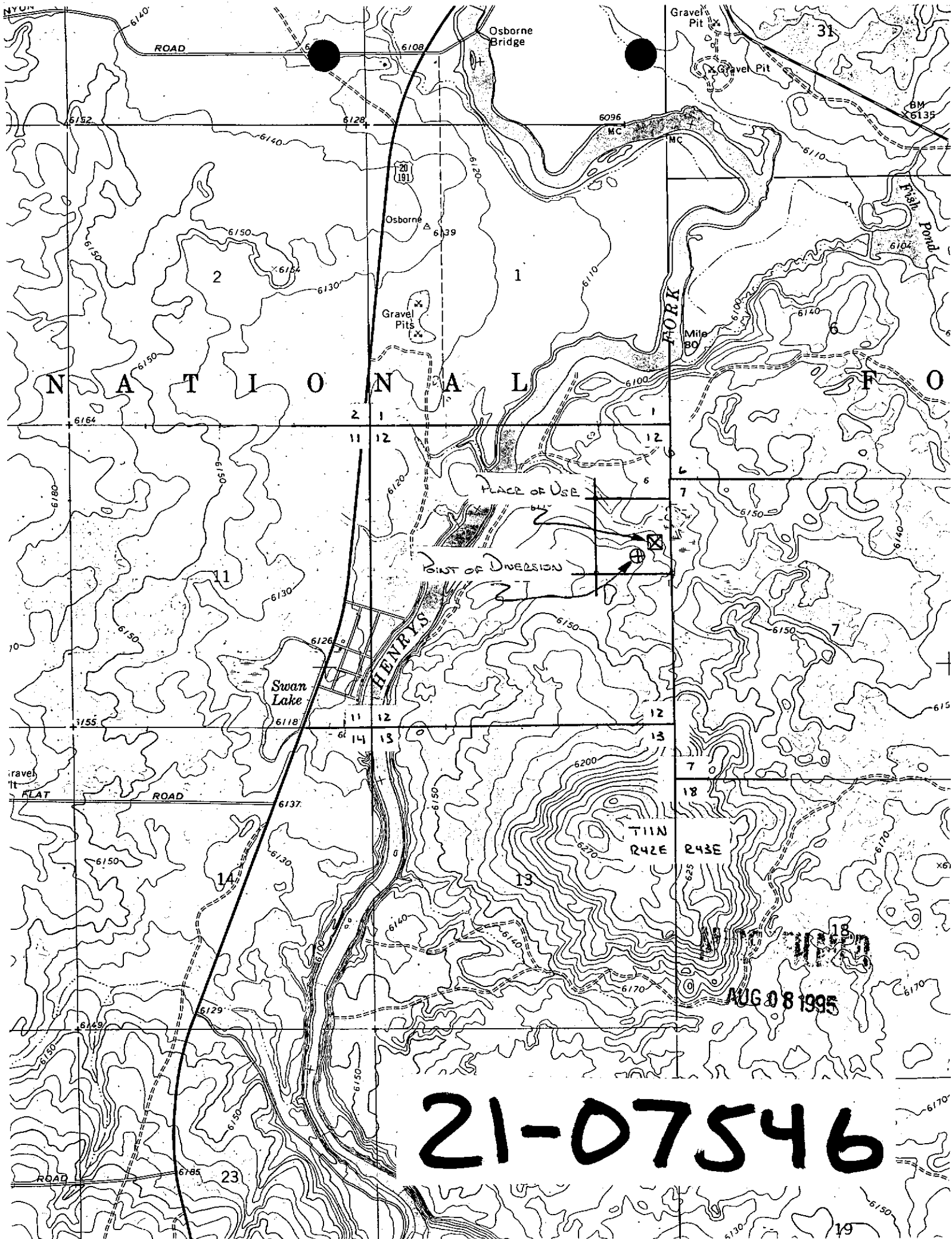
Well or Diversion Identification No. *	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
	FAMULIN	1 1/2	282 2008110		

4.

Scale: 1" = _____
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 _____



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



21-07546

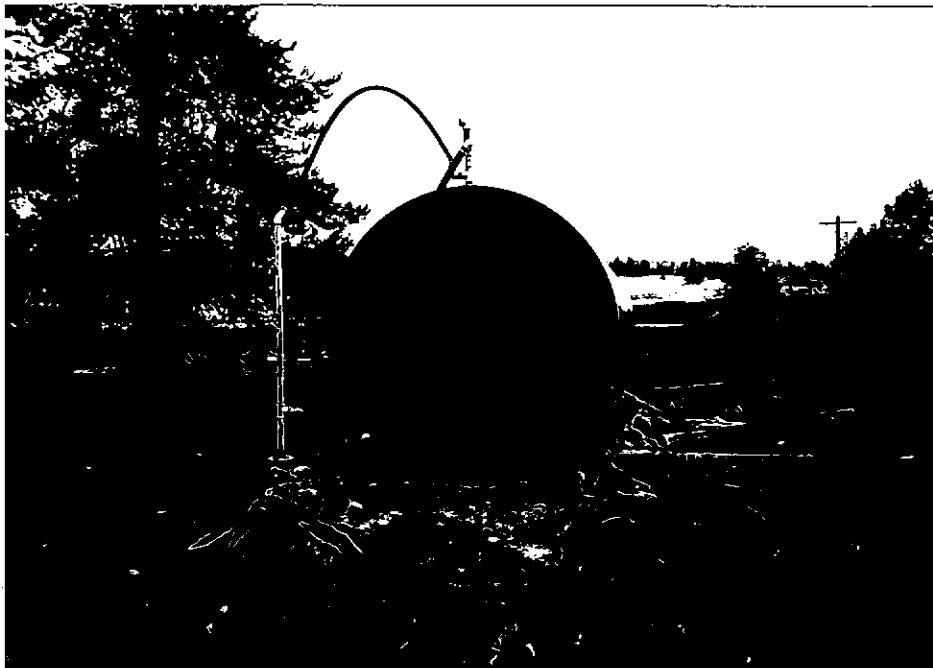


Fig. 1 - Point of diversion with storage tank.



Fig. 2 - Place of use showing stocktroughs
and storage tank at top of knoll.

21-07546
FILMED
AUG 08 1995

1. DRILLING PERMIT NO. 21-93 - E-054 -
Other DWR No. 21-7546

2. OWNER:

Name USDAFS - ASHTON RANGER DIST.
Address P.O.BOX 858
City ASHTON State ID Zip 83420

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.



T. 11N North ☒ or South ☐
 R. 42E East ☒ or West ☐
 Sec. 12 $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$
10 acres 10 acres 160 acres
 Gov't Lot _____ County **FREMONT**

Address of Well Site _____

(Give at least Direction + Distance to Road or Landmark)

Lot No. _____ Block No. _____ Subd. Name _____

4. PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☒ Other **STOCK**

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT	METHOD
Material	From	To	Sacks or Pounds	
	0	106	188#	CEMENT
			400#	BENTONITE

Was drive shoe seal tested? ☐ YES ☐ NO How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Casting	Liner	Steel	Plastic	Welded	Threaded
6	+1	106	.250	x		☒	☐	☐	☐
						☐	☐	☐	☐
							☐	☐	☐
							☐	☐	☐

Final location of shoes _____

Top Packer or Headpipe _____ Bottom Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations Method _____

☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/Pipe Size	Casting	Under
						☐	☐
						☐	☐
						☐	☐
						☐	☐

10. WELL TESTS:

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Depth	Time
EST 30GPM			1 hr.

Temperature of water _____ Was a water analysis done? Yes ☐ No ☒

By whom? _____

Water Quality (odor, etc.) good

Bottom Hole Temperature _____

11. STATIC WATER LEVEL:

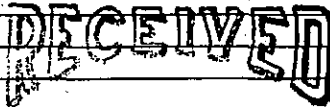
60 ft. below surface Depth artesian flow found _____

Artesian pressure _____ lb. Describe access port _____

Describe Controlling Devices: _____

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	GPM	SW
8	0	5	BASALT FIRM GRAY		
	5	6	CLAY BROWN DRY		
	6	26	BASALT HARD GRAY		
	26	33	BASALT BROKEN GRAY		
	33	61	BASALT FIRM GRAY		
	61	80	BASALT BROKEN GRAY SOME WTR		
	80	84	BASALT FIRM GRAY		
	84	92	CLAY & CINDERS & RED SAND		
	92	105	BASALT FIRM GRAY		
6	05	12	BASALT HARD GRAY		
	12	15	BASALT BROKEN GRAY WATER		
	15	28	BASALT HARD GRAY		
	28	30	BASALT BROKEN GRAY WATER		
	30	48	BASALT HARD GRAY		
	48	50	BASALT BROKEN GRAY		
	50	57	CINDERS WATER		
	57	58	BASALT BROKEN GRAY WATER		



OCT 18 1993

Department of Water Resources
Eastern District Office

Date: Started 8/18/93 1/2 Completed 8/20/93

13. DRILLER'S CERTIFICATION

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

ANDREW WELL DRILLING SERVICES, INC. Firm No. 5

Firm Official [Signature] Date 10/13/2013

and *[Signature]*

(Sign once if Firm Official & Operator)

E. NARRATIVE/REMARKS/COMMENTS

WELL, SUB. PUMP TO STORAGE TANK TO ABS PIPELINE TO THREE
STOCKWATER TROUGHS FOR USE BY 841 RANGE CATTLE.

IN USE 6-20 THRU 10-10 -> 112 DAYS/YEAR

VARIOUS SPECIES OF WILDLIFE WILL ALSO MAKE USE OF DEVELOPMENT.

* AMEND AS SHOWN.

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

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F. FLOW CALCULATIONS

Measured Method:

$$Q_{meas} = \frac{1.54P(R \cdot 2.14)(0.7eff)}{60' + (2.308 \times 40.028)} = 0.06 cfs$$

Limited by permit to 0.04 cfs

INDU and for 841 average capacity = 0.20 cfs

Assume 40 psi

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{ir} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{ir} \text{ and } V_{or} =$$

2. Volume Calculations for Other Uses:

Assume 2 ac/day diversion

$$0.04 cfs \times 112 \text{ days} \times 1.9835 \times 2ac/24hr = 0.74 \text{ ac-ft}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use

Streamwater

From

6-20

To

10-10

Rate of Diversion

Q (cfs)

0.04

Annual Volume

V (afa)

0.74

Totals:

0.04

0.74

2. Recommended Amendments

☒ Change P.D. as reflected above

☐ Add P.D. as reflected above

☐ None

Reviewer Scott Curcio

Date 11/28/94

Field Examiner's Name Debra

Date 11-28-94

I. AUTHENTICATION

AUG 08 1995

WASH STATE

Additional Computation Sheets Attached

December 1, 1993

US DEPT OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST ANTHONY ID 834450208

PROOF ACKNOWLEDGMENT LETTER

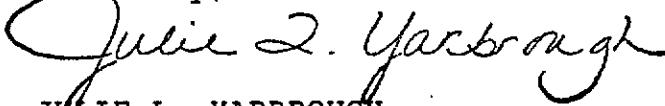
RE: PERMIT NO. 21-07546

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.

If you have questions concerning this matter, please feel free to contact the EASTERN Regional Office in Idaho Falls at (208)525-7161.

Sincerely,



JULIE L. YARBROUGH
Senior Secretary

c: IDWR - Region

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JAN 10 1994



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

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

September 20, 1993

US DEPT OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST ANTHONY ID 83445-0208

PERMIT APPROVAL NOTICE

RE: PERMIT NO. 21-07546

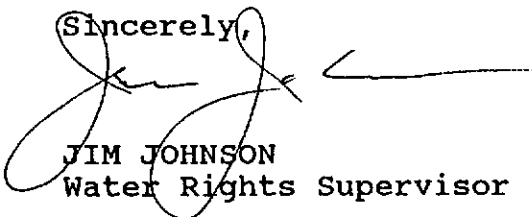
Dear Permit Holder(s):

Enclosed is a copy of your approved application for permit. Please be sure to thoroughly review the "CONDITIONS/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. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed you should complete and submit this form immediately.

You should be aware that you are located within a drainage basin where surface water diversions are regulated by a watermaster. It is possible that diversion of groundwater under your permit may cause a reduction of surface water flow. Siting your well as far as possible from surface water channels and casing your well so that groundwater tributary to surface water flows are not diverted will reduce the potential for the watermaster to regulate your water use.

Sincerely,



JIM JOHNSON
Water Rights Supervisor

JJ:dc

Enclosures

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Drilling Permit No. _____
 Water Right Permit No. _____
 Injection Permit No. _____

21-93E-054
 21-7546

Department of Water Resources

State of Idaho
 Department of Water Resources

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AUG 02 1993

Department of Water Resources
 Eastern District Office

APPLICATION FOR DRILLING PERMIT

Applicant (please print) USDA - Forest Service

Mailing Address Targhee National Forest, P.O. 208, St. Anthony, ID 83445

Telephone (208)624-3151

(☒) Well Owner () Well Operator () Other, specify _____

Proposed well location SW 1/4 NE 1/4, or Gov't Lot No. _____

Sec. 12, Twp. 11 N, Rge. 42 E, County FREMONT

Street Address of Well Site _____

Lot, block and subdivision _____

Proposed use of well:

(☒) Domestic: The use of water for homes, organization camps, public campgrounds, livestock 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: Any beneficial use not included within the definition of domestic.

() Injection

() Monitoring - A well bore schematic and map is required for each well.
 No. of proposed wells: _____

Well construction information:

A. (☒) New well () Deepen () Replace - See Condition 9

B. Proposed Surface Diameter 8" Proposed Maximum Depth ~250'

C. Anticipated bottom hole temperature:

(☒) 85°F or less (Cold water well)
 () 85°F to 212°F (Low temp. geothermal well)
 () 212° or more (Geothermal well)

3. Construction Start Date JULY 93

7. Anticipated Well Driller _____

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

USDA - Forest Service

3. Applicant's signature [Signature] Date 7/28/93

Title (for) GRAY F. RENYOLDS, Regional Forester

(Owner, Firm Representative, Other)

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ACTION OF THE DEPARTMENT OF WATER RESOURCES

Permit is

Approved

Date

8/18/93

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

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 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.
3. 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.
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. Approval 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.
7. This drilling permit does not represent a right to divert and use the water of the State of Idaho.
8. 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.
9. If this permit is for a replacement well, the well being replaced must be abandoned in accordance with Department Rules and Regulations.

SPECIFIC CONDITIONS:

If application for permit 21-7546 is protested construction &/or use of the well drilled under this permit must cease until the protest is resolved.

Dennis M. Dunn

Signature of Authorized Department Representative

Sr. Water Resource Agent

Title

Receipt No. FO18980

Received by HWT

Fee 35⁰⁰/₁₀₀

Date 8-2-93

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EXTENSION OF DRILLING PERMIT

Extension approved by _____

Approval Date _____

This extension is good for 60 days beyond the above extension approval date.

St. Anthony, Idaho
Ashton, Idaho

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO
County of Fremont

I, Terry F. Weatherston
being first duly sworn, depose and say,
that I am the printer of THE FREMONT
COUNTY HERALD-CHRONICLE, a semi-weekly
newspaper printed and published in
Fremont County, Idaho; and I do solemnly
swear that the NOTICE OF WATER RIGHT
a copy of which notice appears attached
hereto, was published in the regular and
entire issue of said newspaper, and not
in any supplement issue thereof
for TWO consecutive issues, the
first publication having been made on
AUGUST 19, 1993

and the last publication having been
made on AUGUST 26, 1993

Further, that said newspaper is one
of general circulation in said county;
that it is a legal newspaper, conforming
to legal specifications under Idaho
statutes; that it has at least two
hundred bona fide subscribers living
within the county of publication; and
that it has been continuously and
uninterruptedly published in said county
during a period of seventy-eight
consecutive weeks prior to the first
publication of said notice.

Terry F. Weatherston

STATE OF IDAHO)
COUNTY OF MADISON)

In this 27TH day of AUGUST
in the year of 1993, before me, a Notary
Public, personally appeared Terry
Weatherston, 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 executed the
same.

Lois O. Roth

Notary Public for Idaho
Residing at Rexbury, Idaho
My commission expires: MAY 18, 1999

NOTICE OF APPLICATION
FOR WATER RIGHT

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

21-07539
US DEPT. OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST. ANTHONY, ID 83445
Source: GROUNDWATER
Diversion Pt: SWNWNW Sec 18 T 12N
R 44E in FREMONT County.
Use: STOCKWATER (.020 CFS) Total
Diversion: (.020 CFS)
Date Filed: 8/2/1993
In: FREMONT County T12N R44E S18
NWNW

21-07546
US DEPT. OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST. ANTHONY, ID 83445
Source: GROUNDWATER
Diversion Pt: SESWNW Sec 12 T 11N
R 42E in FREMONT County.
Use: STOCKWATER (.040 CFS) Total
Diversion: (.040 CFS)
Date Filed: 8/2/1993
In: FREMONT County T11N R42E S12
SWNE

The permit(s) will be subject to all prior
water rights. Protests must be filed with
the Director, Dept. of Water Resources,
Eastern Region, 900 N Skyline, Idaho
Falls, Idaho 83402 on or before
SEPTEMBER 6, 1993.

R. KEITH HIGGINSON

Director

Publ. Aug. 19 and 26, 1993HC.

NOT RECORDED

OCT 18 1993

US DEPT OF AGRICULTURE
FOREST SERVICE
TARGHEE NATIONAL FOREST
PO BOX 208
ST ANTHONY, ID 83445

Source: GROUNDWATER

Diversion Pt: SESWNE Sec 12 T 11N R 42E in FREMONT County.

```
Use: STOCKWATER          ( .040 CFS)
      Total Diversion: ( .040 CFS)
```

Date Filed: 8/ 2/1993

In: FREMONT County
T11N R42E S12 SWNE

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OCT 18 1993

The permit(s) will be subject to all prior water rights. Protests must be filed with the Director, Dept. of Water Resources, Eastern Region, 900 N Skyline, Idaho Falls, Idaho 83402 on or before SEPTEMBER 6, 1993.

R. KEITH HIGGINSON, Director

Published: 8/19/1993 & 8/26/1993

RECORDED

OCT 18 1993