

$$\begin{array}{r} 78 \\ 17 \overline{) 1718} \end{array}$$

J. L. Alvarez
(Applicant)

AFFIDAVIT OF PUBLICATION

State of Idaho, County of Custer, ss:

1, MARGARET PARKS...

Publisher of the Challis Messenger,
a weekly newspaper, published at
Challis, Idaho, do solemnly swear
that the notice hereto attached and
made a part hereof, was published
in the regular and entire issue of
the Challis Messenger for 2.....
consecutive weeks, commencing with
the issue dated AUG. 28.....,
19 80 and ending with the issue
dated SEPT. 4....., 19 80..

Margaret Parks

Subscribed and sworn to before
me this 6 day of October.....,
19 80..

Charles M. James
Notary Public, residing at Challis,
Idaho. My commission expires on

April 30, 1983.....

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that
the following application(s)
have been submitted for per-
mit to appropriate the public
waters of the State of Idaho:

34-7251

COOK ELECTRIC INC.

P.O. BOX 1071, TWIN FALLS,
ID 83301

Source: BIG LOST RIVER
tributary to SINKS

Date filed: 08/14/1980

Amount: 100.00 CFS 36000.0
AC-FT

Diversion Point: SENW Sec 12
T 07N R 23E, CUSTER Co.

Use: POWER (100.00 CFS)
from 04/01 to 10/01

Place of Use: SENW Sec 12 T
07N R 23E

Diversion Means: MACKAY
DAM ON MACKAY RESER-
VOIR

34-7253

ALVAREZ, JOSEPH L.

P.O. BOX 151, MACKAY, ID
83251

Source: GROUNDWATER

Date Filed: 08/20/1980

Amount: 0.36 CFS

Diversion Point: SESE Sec 07
T 07N R 24E, CUSTER Co.

Use: IRRIGATION (0.32 CFS)
from 04/01 to 11/01

DOMESTIC (0.04 CFS) from
01/01 to 12/31

Place of Use: SESE Sec 07 T
07N R 24E FOR 16 acres

Diversion Means: WELL &
PUMP

If issued, the permit(s) will
be subject to all prior water
rights. Protests against the
granting of any permit must be
filed with the Director of the
Idaho Department of Water
Resources, 1515 Lincoln Road,
Idaho Falls, Idaho 83401 on or
before SEPTEMBER 15, 1980
C. STEPHEN ALLRED

Director

Pub. 8/28 & 9/04/80

RECEIVED

OCT 10 1980

Department of Water Resources
Eastern District Office

MICROFILMED

14.18
8.51
22.69

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 34-7253

1. Owner: Ingrid Alvarez

Phone No. _____

Current Address: P.O. Box 151 Mackay, ID

83251

2. Accompanied by: Same

EXAM. DATE: 9-7-90

Address: _____

Phone No. _____

Relationship to Permit Holder: Holder

3. Source: groundwater tributary to _____

B. OVERLAP REVIEW

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

☐ Copies Attached

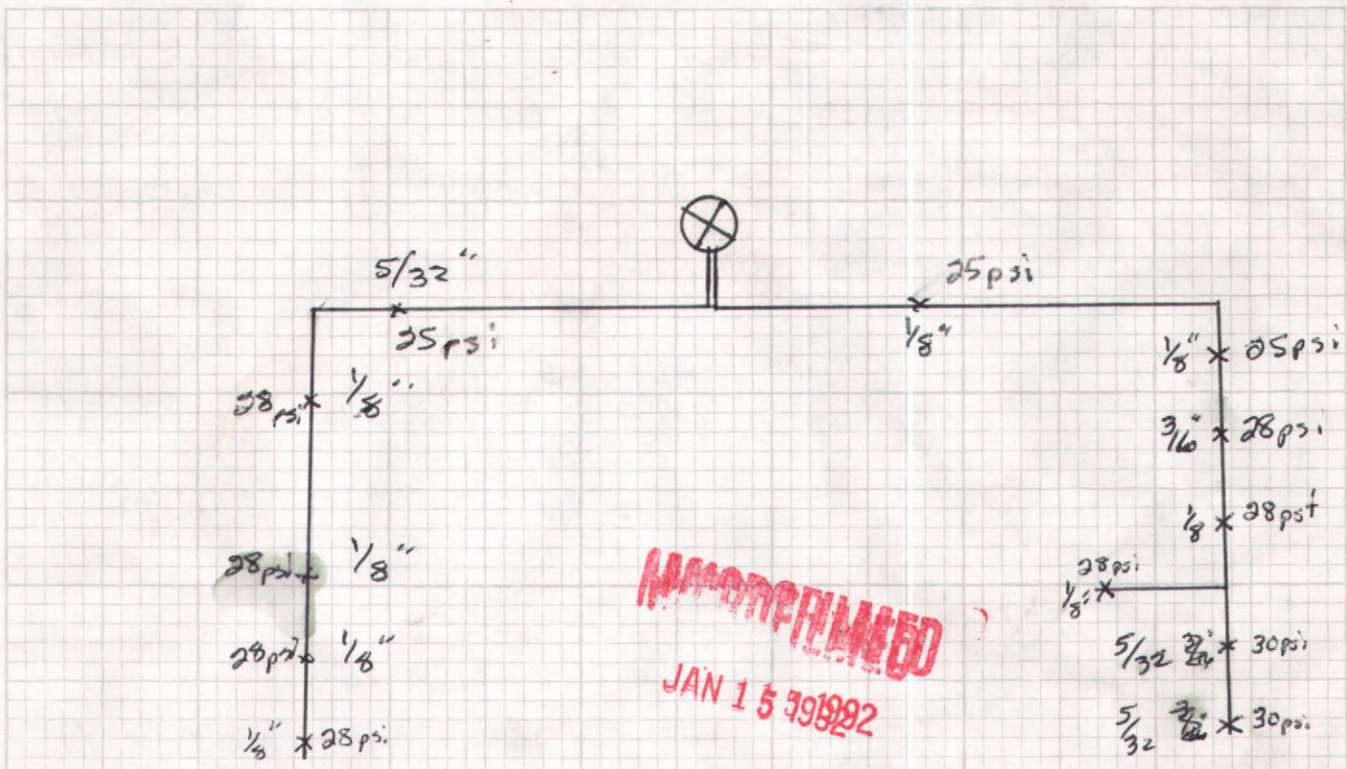
2. Other water rights with same point of diversion: NONE

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____.

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

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater.

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

A-75
R. M. NIELSEN

7 8

34-7253

T-7N

R-24E

T
7
N

R24E

PLACE OF USE DOMESTIC

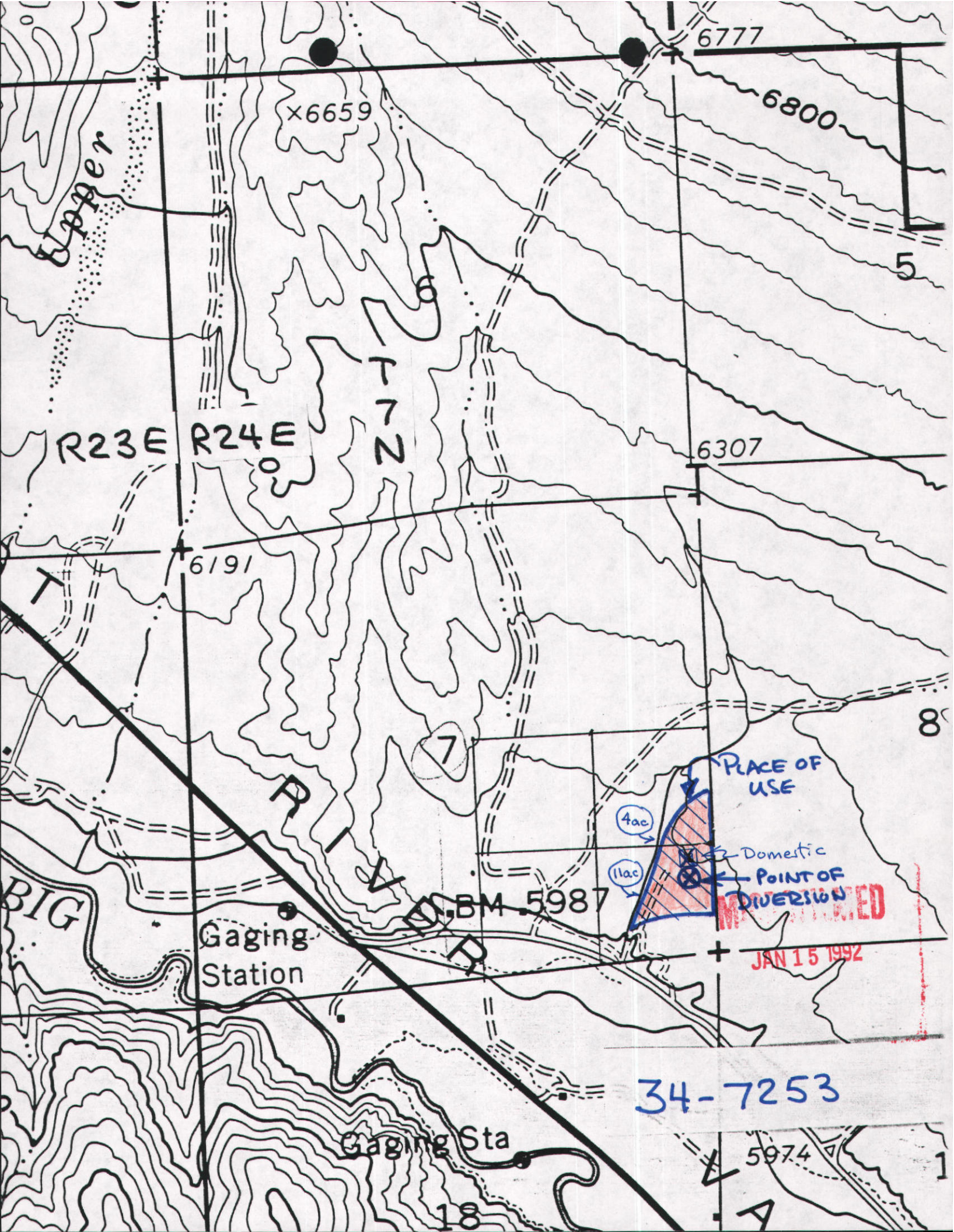
POINT OF DIVERSION

PHOTOFILMED

JAN 15 1992

34-7253

NOT TO SCALE



34-7253



MEG
JAN 15 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 34-07253

Priority: September 22, 1980

Maximum Diversion Rate:

0.15 CFS

Maximum Diversion Volume:

45.6 AF

This is to certify, that JOSEPH L ALVAREZ

PO BOX 151

MACKAY ID 83251

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 20, 1980; and has submitted Proof of Beneficial Use on October 28, 1981. An examination indicates that the works have a diversion capacity of .150 cfs of water from a **GROUNDWATER** source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 11/01	0.15 CFS	45.0 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.15 CFS	45.6 AF

LOCATION OF POINT(S) OF DIVERSION:

SESE , Sec. 7, Township 07N, Range 24E
CUSTER County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07N	24E	7	NESE 4	SESE 11		15
Total number of acres irrigated:						15

PLACE OF USE: DOMESTIC

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	
07N	24E	7	SESE

CONDITIONS/REMARKS:

1. The maximum diversion volume listed within this right is defined as the maximum allowable volume of water that may be diverted annually from the source identified under this right, or limited to the amount that can actually be beneficially used on the above described place of use. This right is further limited to a maximum diversion of water onto the above described place of use of 0.02 cfs per acre or 3.0 acre feet per acre per year when combined with all other appurtenant water rights.
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.

JAN 15 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

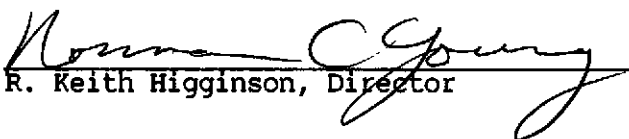
WATER RIGHT NO. 34-07253

CONDITIONS/REMARKS:

5. Domestic use is for 1 home.

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 4TH
day of DECEMBER, 1991.

Acting for


R. Keith Higginson, Director

JAN 15 1992

APPROVED

State of Idaho
Department of Water Resources

RECEIVED
NOV 06 1991

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 34-07253

Department of Water Resources

Date of Priority: September 22, 1980 Maximum Diversion Rate: 0.15 CFS
Maximum Diversion Volume: 45.6 AF

Comes now
PO BOX 151
MACKAY ID 83251

INGRID SCHOLZ
~~JOSEPH E~~ ALVAREZ

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. 34-07253, and requests that the permit be changed as follows:

Source: GROUNDWATER

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	04/01 to 11/01	0.15 CFS	45.0 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.15 CFS	45.6 AF

LOCATION OF POINT(S) OF DIVERSION:

SESE, Sec. 7, Township 07N, Range 24E
CUSTER County

PLACE OF USE: IRRIGATION

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
07N	24E	7	NESE 4	SESE 11		15
Total number of acres irrigated:						15

PLACE OF USE: DOMESTIC

<u>TWN</u>	<u>RGE</u>	<u>SEC</u>
07N	24E	7
SESE		

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 _____ this 4. day of November, 1991.

Ingrid Scholz-Alvarez
(Signature)

JAN 15 1992

State of Idaho
Department of Water Resources

APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 34-07253

FOR DEPARTMENT USE ONLY

Preliminary check by JD Fee = \$20.00

Received by [Signature] Date 11-6-91 #C022244

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, R. Keith Higginson, of the Department of Water Resources hereby approve the above Application for Amendment for Permit No. 34-07253 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.
4. Domestic use is for 1 home.

Witness my hand this 4TH day of DECEMBER, 1991.

Acting for

[Signature]
R. Keith Higginson, Director

JAN 15 1992

4/86

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received 52.00
Date 10-31-86
Receipt # 39925
Receipt by 11/17
Sent to S.O. 11-19-86

RECEIVED

NOV 30 1986

1. Permit No. 34-7253

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE:

☒ I choose to have the department make the field examination of this permit; attached is the examination fee. (If this box is marked, complete items 1 thru 8.)

2. Permit Holder: Ingrid K. Alvarez

3. Post Office Address: P.O. BOX 151, Mackay, Idaho 83251

Telephone No. 588 2847

4. Source of Water: Ground water

5. Extent of Use:

Domestic One (No. of households) Stockwater (No. and type of stock)

Irrigation 8 (acres) Other/Remark

6. Total rate &/or volume for which proof is submitted 0.16 cfs acre-feet

7. Show the date water was first diverted and beneficially used under this permit:

October 1979

8. Person to contact to accompany the department representative during the field examination:

Like above

(Name)

JAN 15 1992

(Address)

(Telephone Number)

☐ I choose to have the field examination conducted by a certified water right examiner. Attached is a statement from the certified examiner I have selected verifying that he has been retained to conduct the examination. (If this box is marked, complete items 1 thru 7.)

Oct. 27 - 86
Date

Ingrid K. Alvarez
Signature of Permit Holder (and title, if appropriate)

copy retained for file

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

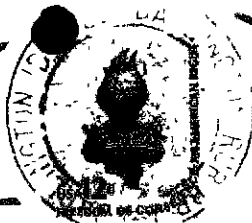
Checks should be made payable to the
Department of Water Resources

No fee is required for single family
domestic use or stockwater use.

J-L. ALVAREZ

P.O. BOX 151

HACKAY IDAHO 83251



RECEIVED



OCT 28 1981

IDAHO DEPARTMENT OF WATER RESOURCES

STATEHOUSE

Department of Water Resources

BOISE, IDAHO 83720

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

APPROVED

To appropriate the public waters of the State of Idaho

1. Name of applicant Joseph L. Alvarez Phone 588-2847

Post office address PO Box 151, Mackay, ID 83251

2. Source of water supply ground water which is a tributary of _____
(as per telecon 8/20/80 EMC)

3. Location of point of diversion is SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 7 Township 7N

Range 24E B.M. Custer County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount .32 for irrigation purposes from April 1 to Nov 1 (both dates inclusive)
(cfs or acre-feet per annum)

Amount .04 for domestic purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per annum)

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

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

5. Total quantity to be appropriated:

a. .36 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. NA Well & pump. (as per telecon 8/20/80) EMC

b. Height of storage dam NA feet, active reservoir capacity _____ acre-feet; total reservoir capacity _____ acre-feet, materials used in storage dam: _____

Period of year when water will be diverted to storage _____ to _____ inclusive.
(Month/Day) (Month/Day)

c. Proposed well diameter is 10 inches; proposed depth of well is 180 feet.

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 — maximum 5 years).

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: SE $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 7 Township 7N

Range 24E B.M.

(2) Amount of power to be generated: _____ horsepower under _____ feet of head.

(3) List number of each kind of livestock to be watered _____

(4) Name of municipality to be served _____, or number of families to be supplied with domestic water 1.

(5) If water is to be used for other purposes describe: _____

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below:

[illegible]

Total number of acres to be irrigated 16

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

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

78

J. L. Alvarez
(Applicant)

Proposed Priority

8/20/80

Received by kw Date 8/20/80 Time 1:10

Preliminary check by EMC ⁸⁻²⁰⁻¹⁹⁸⁰ Fee \$ 45.00

Receipted by kw Date 8/20/80 # 14977

Publication prepared by kw Date 8/21/80

Published in Custer Publishing Co.

Publication dates 8/28 & 9/04/80

Publication approved kw Date 10/14/80

Protests filed by: None

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by RA

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. 34-7253, and said application is hereby approved.

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

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before December 1, 19 81.
- 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. Other:

Witness my hand this 4th day of November, 19 80.

L. Glen Saxton

AFFIDAVIT OF PUBLICATION

State of Idaho, County of Custer, ss:

1, MARGARET PARKS.

Publisher of the Challis Messenger, a weekly newspaper, published at Challis, Idaho, do solemnly swear that the notice hereto attached and made a part hereof, was published in the regular and entire issue of the Challis Messenger for 2 consecutive weeks, commencing with the issue dated AUG 28, 1980 and ending with the issue dated SEPT 4, 1980.

Margaret Parks.

Subscribed and sworn to before me this 6 day of October, 1980.

Calvin M. James.

Notary Public, residing at Challis, Idaho. My commission expires on

April 30, 1983.

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

34-7251

COOK ELECTRIC INC.

P.O. BOX 1071, TWIN FALLS, ID 83301

Source: BIG LOST RIVER tributary to SINKS

Date filed: 08/14/1980

Amount: 100.00 CFS 36000.0 AC-FT

Diversion Point: SENW Sec 12 T 07N R 23E, CUSTER Co.

Use: POWER (100.00 CFS) from 04/01 to 10/01

Place of Use: SENW Sec 12 T 07N R 23E

Diversion Means: MACKAY DAM ON MACKAY RESERVOIR

34-7253

ALVAREZ, JOSEPH L.



Use: IRRIGATION (0.04 CFS) from 04/01 to 11/01

DOMESTIC (0.04 CFS) from 01/01 to 12/31

Place of Use: SESE Sec 07 T 07N R 24E FOR 16 acres

Diversion Means: WELL & PUMP

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho 83401 on or before SEPTEMBER 15, 1980

C. STEPHEN ALLRED
Director
Pub. 8/28 & 9/04/80

RECEIVED

OCT 10 1980

Department of Water Resources
Eastern District Office

MICROFILMED

14.18
8.51
22.69

December 5, 1991

JOSEPH L ALVAREZ
PO BOX 151
MACKAY ID 83251

RE: WATER RIGHT NO. 34-07253

Dear Water Right Holder(s):

Enclosed herewith 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 feel free to contact our office.

Sincerely,

SHARLA CURTIS
Water Resource Agent

SC:blm

Enclosure

100-300000-1000000

October 30, 1991

JOSEPH L ALVAREZ
PO BOX 151
MACKAY ID 83251

RE: WATER RIGHT NO. 34-07253

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. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee by November 7, 1991.

If you do not concur with these findings or if you have any questions, please contact us immediately.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosure

JAN 15 1992

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 34-7253

1 Owner. Ingrid Alvarez

Phone No _____

Current Address: P.O. Box 151 Mackay, ID

83251

2. Accompanied by: Same

EXAM. DATE: 9-7-90

Address: _____

Phone No _____

Relationship to Permit Holder: Holder

3 Source groundwater tributary to _____

B OVERLAP REVIEW

1 Other water rights with same place of use. NONE

☐ Copies Attached

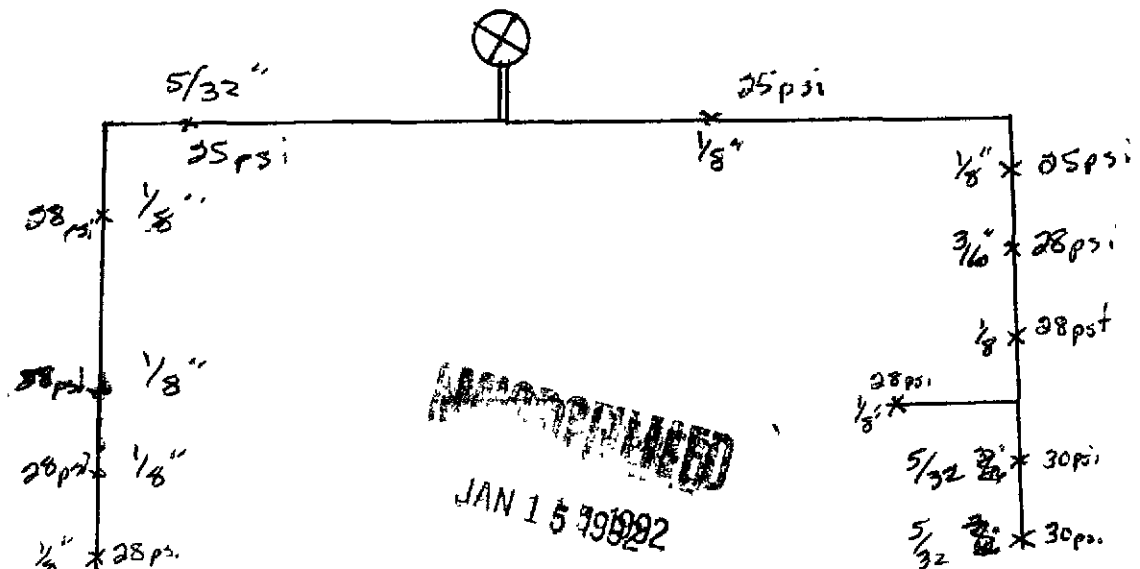
2. Other water rights with same point of diversion: NONE

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____

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

☒ Photo of Diversion and System Attached

(required for all but single household domestic groundwater, and stockwater)

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

System Description (continued)

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

Well, pump, to handlines and Home (Domestic)
Well 180 feet deep. The All sixteen acres did not
appear to be irrigated this year, but have
been in the past.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
—	Submersible	5	UNKNOWN	—	—

*Code to correspond with No on map and aerial photo

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

Ident. No.	Gov't. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
		NE	SE	SE	7	7N	24E	Custer	USGS MAP + on site inspection

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

Indicate Method of Determination

Twp.	Rge.	Sec.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				Totals
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
7N	24E	7													4			11	15

Do not use this space

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Pressure Gauge		Excel			0-100 psi	
Pitot tube						

2. Measurements:

measured pressure of 12 rainbirds on. Aug 28 psi.
 (Ingrid said pump normally operates at 60 psi with four more handlines on system. Pump was to be professionally examined 9-8-90 because of this pressure loss).
 Static H₂O 142 feet

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1 Measured Method

2 Alternate Method for Checking Purposes. $Q = 0.15 \text{ cfs}$

F PUMP EFFICIENCY DATA (Optional)

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

Total Head: (1) + (2) = _____ (3) ; Flow rate: _____ cfs (4)

Water HP (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G VOLUME CALCULATIONS

1. Volume Calculations for Irrigation

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (16 \text{ ac})(3.0) = 48 \text{ af}$

$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.15(214)(1.9835) = 63.7 \text{ af}$

$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 48 \text{ af}$

2. Volume Calculations for Other Uses

Domestic $V = 1.2 \text{ af}$

JAN 15 1992

[illegible]

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4/1	4/1	0.15 cfs	48 afa
Domestic	1/1	12/31	0.04 cfs	1.2
Totals:			0.15 cfs	49.2 afa

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

Field Examiner's Name Scott N King
Signature Scott N King for Scott N. King
Certification Date _____
Field Report Preparation Date _____

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

JAN 15 1992

Calculations:

$$Q = \frac{hp(8.814) \text{ eff}}{\text{lift} + (PSI \times 2.308)}$$

hp = horsepower = 5
 eff = efficiency = 70%
 Lift = 142'
 PSI = 28 psi

$$Q = \frac{5(8.814)(.7)}{142 + (28 \times 2.308)} = 0.149 \text{ cfs}$$

$$Q = 0.15 \text{ cfs}$$

Calculate flow rate for sprinklers

Number of Sprinklers	Size	Pressure	
6	1/8"	28 psi	$Q = 6(2.38 \text{ gpm}) = 14.28 \text{ gpm}$
2	1/8"	25 psi	$Q = 2(2.25 \text{ gpm}) = 4.50$
1	5/32"	25 psi	$Q = 1(3.50 \text{ gpm}) = 3.50$
2	5/32"	30 psi	$Q = 2(3.83 \text{ gpm}) = 7.66$
1	3/16"	28 psi	$Q = 1(5.00 \text{ gpm}) = 5.00$
			$Q_{\text{TOTAL}} = 34.94 \text{ gpm}$

Using Rain Bird #29 performance chart

PSI	1/8"	5/32"	3/16"
28	2.25	2.38	3.50
30	2.47	2.63	3.70
			4.97
			5.47
			5.00

1/8" nozzle

$$\frac{2.47 - 2.25}{30 - 25} = \frac{x}{28 - 25} \quad x = 0.132 \quad Q = 2.25 + 0.132 = 2.38 \text{ gpm}$$

5/32" Nozzle

$$\frac{3.83 - 3.50}{30 - 25} = \frac{x}{28 - 25} \quad x = 0.198 \quad Q = 3.50 + 0.198 = 3.70 \text{ gpm}$$

3/16" Nozzle

$$\frac{5.47 - 4.97}{30 - 25} = \frac{x}{28 - 25} \quad x = 0.3 \quad Q = 4.97 + 0.3 = 5.0 \text{ gpm}$$

$$Q = 14.28 + 4.50 + 3.50 + 7.66 + 5.00 = 34.94 \text{ gpm} = 0.0778 = 0.08 \text{ cfs}$$

$$Q = 0.08 \text{ cfs}$$

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JAN 15 1992

Analysis:

According to permit holder the system normally operates @ 60psi with four more hand lines. System was to be professionally examined because of pressure loss.

The theoretical capacity @ 28psi, $Q = 0.15 \text{ cfs}$. If the pressure is increased to 60psi the theoretical capacity would be 0.11 cfs.

Giving the permit holder the benefit of a theoretical capacity at 28psi. No need for a re-exam.

Recommend:

0.15 cfs Irrigation 4" to 11"

0.04 cfs Domestic 1" to 12"

Keith C Wilson

RECEIVED
JAN 15 1992

A-75 21
R. DANIELSEN

78

34-7253

T-7N

R-24E

T
7
N

R24E

10.3

13.0

12.4

2.9

11.0

10.7

19.8

13.1

15.4

67.9

PLACE OF USE DOMESTIC

POINT OF DIVERSION

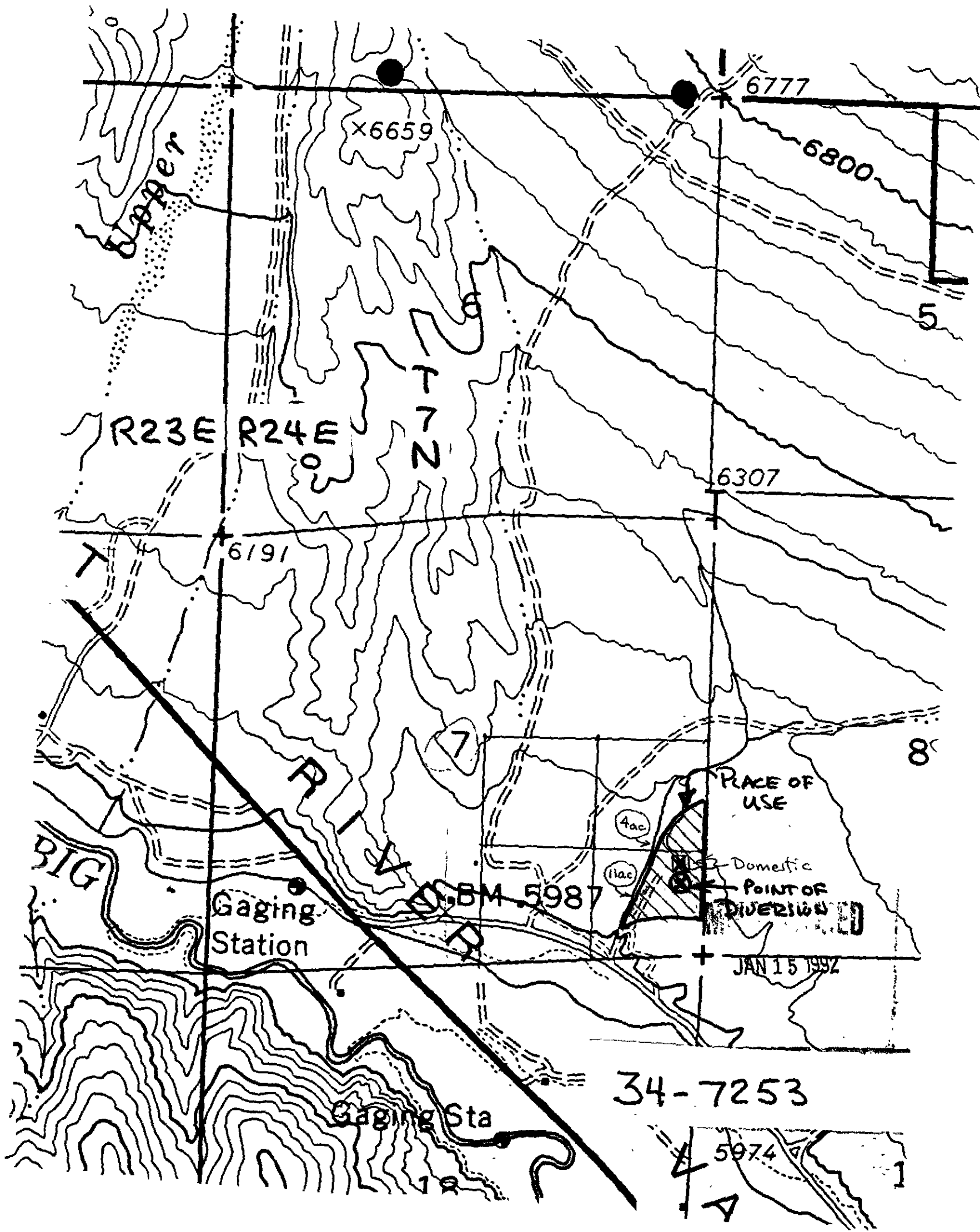
UNRECORDED

JAN 15 1992

78
1817

34-7253

NOT TO SCALE



Department of Water Resources

WELL INSPECTION FORM

If well is associated with water right, provide WR# 34-7253

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

1. Legal Description: TWP 7N, Rge 24E, Sec. 7, SE 1/4 SE 1/4 or Lot _____.

2. Owner: Ingrid Alvarez

Address P.O. Box 151, City _____, St _____

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

4. Access Port: Yes _____ No X Static Water Level: ~
Pressure Gauge: Yes _____ No X Casing Diameter: 10"
Flowing: Yes _____ No X Temperature: ~

5. Are there any obvious construction problems that may be a source for contamination or waste of water: Yes _____ No X

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

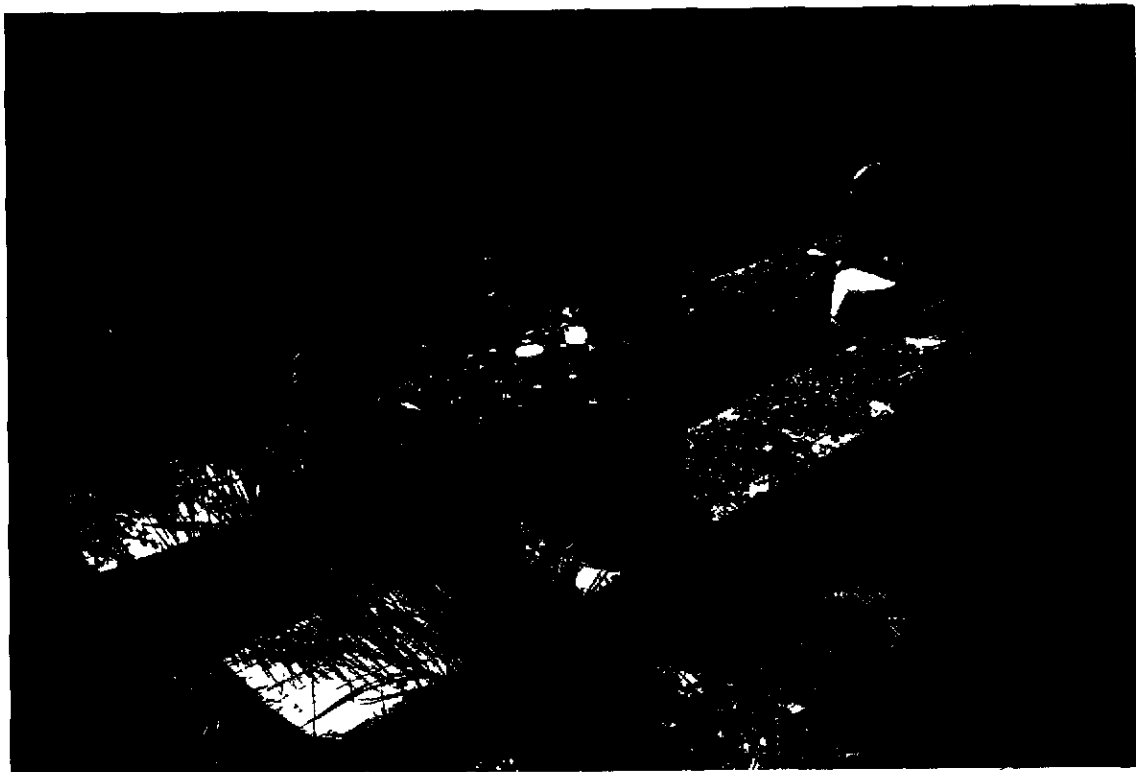
Remarks: _____

JAN 15 1992

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.

[illegible]

34-7253



JAN 15 1932

MEMORANDUM

To: File

RE: Advance Priority Date

From: Jim Johnson

=====

Calculate new priority date because exam fee was received late.

Date of Notice:	30-Jul-86
Due Date: (Notice Date + 60 days)	28-Sep-86
Lapse Date: (Due Date + 1 year)	28-Sep-87
Fee Received:	31-Oct-86

Days Late: (Due Date - Fee Recd. Date)	33
--	----

Priority Date:	20-Aug-80
----------------	-----------

New Priority Date:	22-Sep-80
--------------------	-----------

JAN 15 1992



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

October 22, 1986

150 Shoup — Suite 15
Idaho Falls, Idaho 83402
(208) 525-7161

A. Kenneth Dunn
Director

34-7253
ALVARFZ, JOSEPH L.
P.O. BOX 151
MACKAY, ID 83251

Dear Permit Holder:

On July 29, 1986 this Department sent you a certified letter explaining the recent statutory changes in the licensing procedure that will pertain to the above referenced permit. The new statutes provide the permit holder with a choice of who will perform the licensing field examination. You may either choose a certified water rights examiner from the private sector, or select the Department. If you elect to have the examination done by the Department there is now a fee for this service based on the amount of water being diverted.

The letter advised you had a period of 60 days to notify the Department of your decision. You were to notify the Department by returning the examination fee information form which accompanied the certified letter and the appropriate examination fee, provided you wanted the Department to do the examination. As indicated in the certified letter, failure to return the form and submit the examination fee within the 60 days would cause the priority of your permit to be advanced.

Our records indicate you did not respond within the 60 day period. Starting with September 29, 1986 the priority of your permit will be advanced one day for each day your response is late. Failure to submit a completed examination fee information form, with the examination fee, by July 29, 1987 will result in the permit being lapsed.

As always our staff is available to assist you or answer questions concerning the above matter. For your convenience, we have enclosed another examination fee information form.

Respectfully submitted,

Ernest Carlsen
Assistant Regional Supervisor

EC/md

JAN 15 1987



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720

34-7253
ALVAREZ, JOSEPH L.
P.O. BOX 151
MACKAY, ID 83251

0013494

JUL 30 1986

EXAMINATION FEE NOTICE

Dear Permit Holder:

Department records show that proof of beneficial use has been submitted for the above-referenced permit, but that a field examination has not yet been conducted to determine the extent of beneficial use of the water for licensing purposes.

House Bill 671 (effective April 4, 1986) enacted by the 1986 Idaho Legislature requires the payment of a fee before this department can conduct the field examination needed to issue a license confirming use of water under the permit. This letter is notification that the license examination fee is due within sixty (60) days of the date of this letter. The examination fee information sheet (enclosed) must be returned with the fee.

As an alternative to submitting the fee, the department will accept a field examination report completed by a certified water right examiner from the private sector. If you choose to have the examination done by a certified water right examiner, you need not submit the license examination fee to the department, but you must within sixty (60) days of the date of this letter return to the department, the examination fee information sheet showing appropriate information together with a statement from the certified examiner to verify that you have retained a certified examiner to conduct the field examination. If you choose this alternative, a completed field examination report must be submitted within one year of the date of this letter. You cannot later change your decision to use this alternative and submit the fee needed for the department to conduct the field examination, but you may change to another certified examiner.

Certified water right examiners are licensed engineers, geologists, or land surveyors certified by the department to conduct water right examinations. The procedure for certifying examiners results from the recently enacted HB 671 and is being developed at this time. A listing

JAN 15 1992

of certified water right examiners will be available from this department when examiners have been certified.

If your permitted use, in fact, has already been examined by the department and you have not asked to have the examination repeated, the fee requirement is not applicable to your permit. If you believe this is the case, please contact the department.

The license examination fee is to be based on the amount of water you indicate you have developed, as listed in item 6 on the examination fee information sheet. The amount of water on which the examination fee is based can be less than the permitted amount, if less water has been diverted and beneficially used. The licensed amount of water, however, will not exceed the amount you claim on the examination fee information sheet. The enclosed license examination fee schedule shows a listing of applicable fees.

FAILURE TO SUBMIT WITHIN THE SIXTY (60) DAY PERIOD; THE FEE OR THE STATEMENT THAT A CERTIFIED EXAMINER HAS BEEN RETAINED TO MAKE THE FIELD EXAMINATION, WILL BE CAUSE TO ADVANCE THE PRIORITY OF THE PERMIT ONE DAY FOR EACH DAY THAT THE FEE SUBMITTAL IS LATE.

FAILURE TO SUBMIT THE FEE OR THE COMPLETED FIELD EXAMINATION REPORT WITHIN A YEAR WILL BE CAUSE TO CONSIDER THE PROOF OF BENEFICIAL USE TO BE INCOMPLETE AND TO LAPSE THE PERMIT.

The attached examination fee information sheet and the fee may be submitted to the following department offices.

Northern Region

Idaho Dept. of Water Resources
4055 Government Way
Coeur d'Alene, ID 83814
Phone: 765-4639

Eastern Region

Idaho Dept. of Water Resources
150 Shoup Ave., Suite 15
Idaho Falls, ID 83401
Phone: 525-7161

Southern Region

Idaho Dept. of Water Resources
1041 Blue Lakes Blvd. North
Twin Falls, ID 83301
Phone: 734-3578

Western Region

Idaho Dept. of Water Resources
450 W. State St., (Third Floor)
Boise, ID 83720
Phone: 334-2190

Sincerely,



L. GLEN SAXTON
Chief, Operations Bureau

Enclosures

JAN 15 1992



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

December 8, 1981

RE: Permit No. 34-7453

Joseph L. Alvarez
P.O. Box 151
Mackay, Idaho 83251

Dear Mr. Alvarez:

We acknowledge receipt of the proof of beneficial use card submitted for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this department. We cannot tell just when this examination will be made, but our examiner will try to contact you at the time he makes the examination so that you may show him the system.

If you have any questions regarding the field examination, please contact our eastern regional office.

Very truly yours,

BOBBIE R. STEPHENS
Principal Clerk

cc: IDWR - State Office

208-523-7186

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440
CERTIFIED MAIL

138780

ALVAREZ, JOSEPH L.
P.O. BOX 151
MACKAY, ID 83251

SEPTEMBER 30, 1981

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 34-7253 WAS THAT EVIDENCE OF THE EXTENT OF DEVELOPMENT MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE DECEMBER 01, 1981. (SEE LAST PAGE OF YOUR APPROVED PERMIT). ENCLOSED IS A POST CARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF OF BENEFICIAL USE.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU HAVE NOT PREVIOUSLY RECEIVED AN EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME PROVIDED THE DELAY IS FOR REASONABLE CAUSE AS INDICATED IN SECTION 42-204, IDAHO CODE, AMENDED. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. A REQUEST FOR EXTENSION OF TIME FORM IS ENCLOSED FOR YOUR CONVENIENCE. PLEASE NOTE THAT A FEE OF \$15.00 MUST BE SUBMITTED WITH THIS FORM.

EITHER THE BENEFICIAL USE POST CARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE MENTIONED DATE, OTHERWISE, THE PERMIT WILL LAPSE AND BE OF NO FURTHER FORCE OR EFFECT WITHIN 60 DAYS.

SINCERELY,

RITA FLECK
SR. SECRETARY

ENCLOSURES

RECEIVED
SEP 30 1981



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

C. STEPHEN ALLRED
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

November 26, 1980

Joseph L. Alvarez
P.O. Box 151
Mackey, Idaho 83251

Dear Mr. Alvarez,

RE: Permit No. 34-7253

Enclosed is a copy of your approved Application for Permit. We direct your attention to the conditions of approval as listed on the fourth page.

Sincerely,

DAVID R. TUTHILL, JR.
Supervisor, Water Allocations Section

DRT:mr

Enclosure

MICROFILMED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Grist

APPLICATION NUMBER: 34 7253

CHECK:

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

Field check by: _____

Date: _____

Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT:

✓ Tulwar - Mrs. Alvarez state & well is located on property owned under application
8-19-1980 Grist.

SEND COPIES TO.

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

PROCESSING:

- ☐ Yes ☐ No Platted by: _____ Map No. _____
☐ Yes ☒ No Other rights on same place of use. _____
☒ Yes ☐ No* In form for advertising. _____
Final date for protests: Sept. 15 ✓
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: OCT 10, 1980 ✓
☒ Application published correctly. If not, record action taken: _____
☒ Fee amount, receipt date & number, recorded on application.
☒ Publication dates and paper, recorded on application.
☒ Protests, dates, withdrawal, etc., recorded on application.
☒ Recommendation & initial, recorded on application.
☐ Yes ☒ No Measuring device required.
☒ Yes ☐ No Access port required.
☐ Yes ☒ No Will water be delivered by watermaster? If yes, what district? _____
✓ 8/20/80 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: RDC
STATE OFFICE REVIEW:

Date: 10/14/80

MICROFILMED

SLW/LO3

OIC

☐ See attached sheet for more information.

By: Raby

Date: 10/31/80

September 25, 1980

RE: Application for Permit No. 34-7253 ALVAREZ

Culter Publishing Co.
P.O. Box 403
Challis, Idaho 83226

Gentlemen:

Would you please submit an affidavit of publication and certified bill in connection with the above referenced application(s). The legal notice was to have been published in your paper on August 28 and September 4, 1980.

Your cooperation in this matter is greatly appreciated.

Very truly yours,

KAY WALKER
Secretary

CW:kw

RECEIVED

August 22, 1980

RE: Application for Permit No. 34-7253

Joseph L. Almsrex
P. O. Box 151
Mackay, ID 83251

Dear Mr. Almsrex:

Attached herewith is Departmental Receipt No. 14977 in the amount of \$45.00 for the above referenced application.

Sincerely,

KAY WALKER
Secretary

NOTICE OF APPLICATION FOR WATER RIGHT

Notice is hereby given that the following application(s) have been submitted for permit to appropriate the public waters of the State of Idaho:

If issued, the permit(s) will be subject to all prior water rights. Protests against the granting of any permit must be filed with the Director of the Idaho Department of Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho 83401 on or before SEPTEMBER 15, 1980.

C. STEPHEN ALLRED

Director

Published 8/28 & 9/04/80.

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34-2253

ALVAREZ, JOSEPH L.

P.O. BOX 151, MACKAY, ID 83251

Source: GROUNDWATER

Date Filed: 08/20/1980

Amount: 0.36 CFS

Diversion Point: SESE Sec 07 T 07N R 24E, CUSTER Co.

Use: IRRIGATION	(0.32 CFS)	from 04/01 to 11/01
DOMESTIC	(0.04 CFS)	from 01/01 to 12/31

Place of Use: SESE Sec 07 T 07N R 24E FOR 16 ACRES

Diversion Means: WELL & PUMP.

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