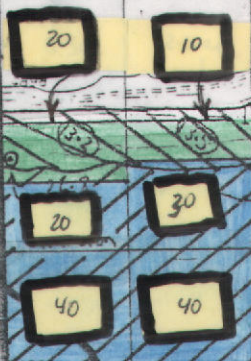


33-7072



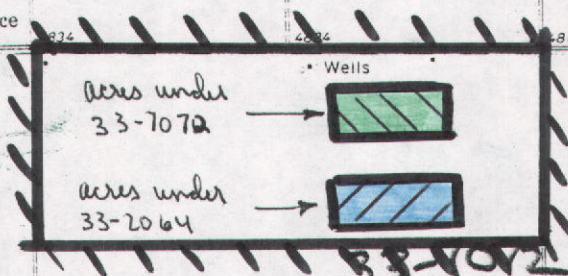
Place of use

Place of use

Point of Diversion

T
6
N

R29E



L I T T L E

L O S T

R I V E R

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29E

3.3 ac

2.6 ac

SEC
15

B-12
L.R. HAWLEY
18-B

40 ac

40 ac.

Point of
Diversion

Place of
Use

T
6
N
R29E

main Line

40 acre

40 acre

33-7072

REPRODUCED

NOV 01 1990

33-7072

Place of
use

Point of
Diversion

T
6
N
R29E

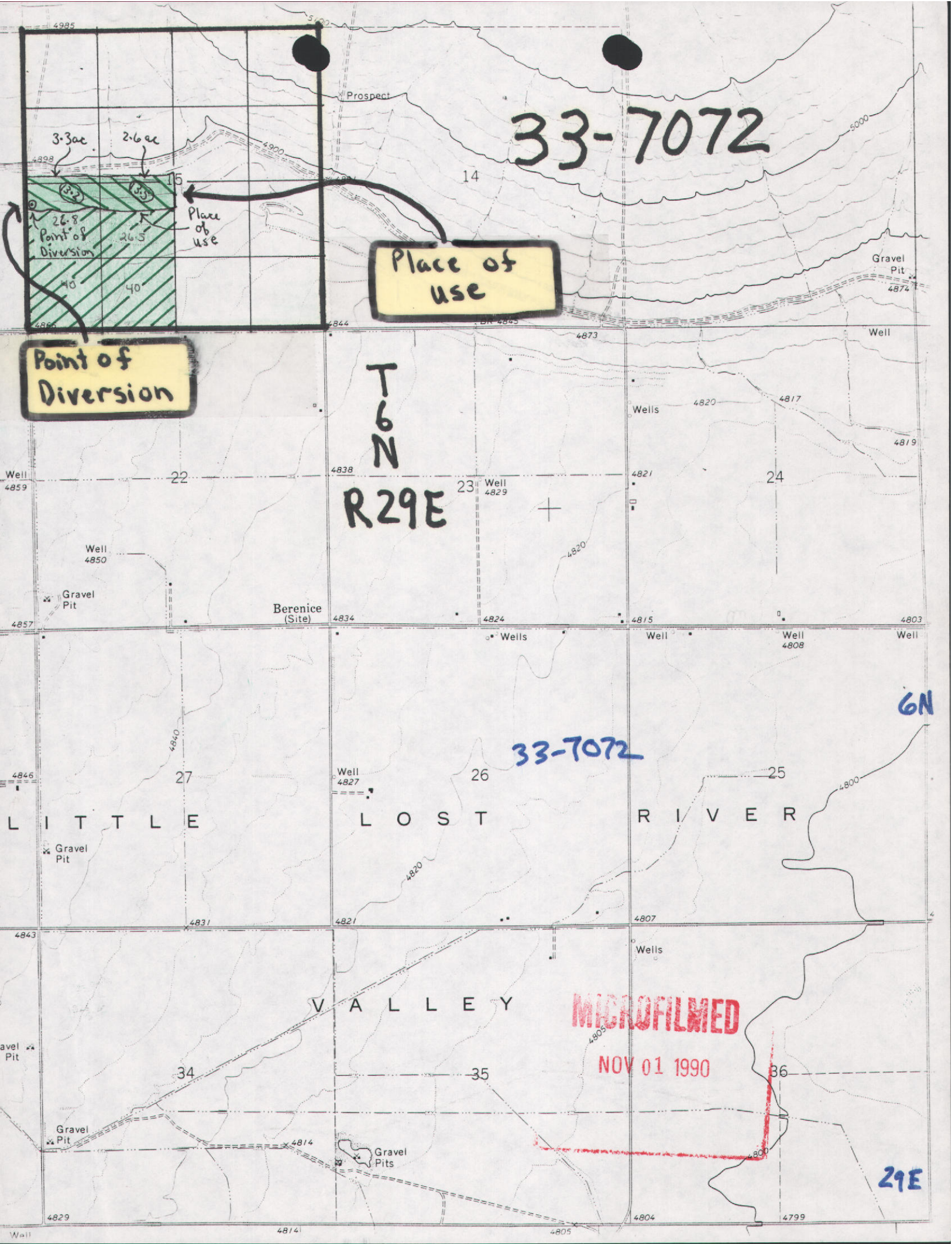
33-7072

6N

29E

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NOV 01 1990





33-7072

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NOV 01 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 33-07072

Priority: April 24, 1980

Maximum Diversion Rate: 0.60 CFS
Maximum Diversion Volume:¹ 90.0 AF

This is to certify, that DONALD ISHAM
P.O. BOX 1036
HOWE, ID 83244

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated April 24, 1980; and has submitted Proof of Beneficial Use on May 31, 1985. An examination indicates that the works have a diversion capacity of 3.990 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	0.60 CFS	90.0 AF

LOCATION OF POINT(S) OF DIVERSION: NWSW , Sec. 15, Township 06N, Range 29E
BUTTE County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
06N 29E 15	NESW 10	NWSW 20		30
Total number of acres irrigated:				30

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. This right when combined with all other rights shall provide no more than .02 cfs per acre nor more than 3.0 afa per acre for the lands above.

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NOV 01 1990

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 33-07072

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 27th
day of OCTOBER, 1990.

Acting for

Norma C. Young
R. Keith Higginson, Director

MICROFILMED

NOV 01 1990

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 Donald Isham Phone 767-3443

Post office address Howe, ID 83244

2. Source of water supply Groundwater which is a tributary of _____

3. Location of point of diversion is NW $\frac{1}{4}$ of SW $\frac{1}{4}$ of Section 15 Township 6N

Range 29E B.M. Butte County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.60 CFS for Irrigation purposes from April 1 to Nov. 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)

5. Total quantity to be appropriated:

a. 0.60 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Well, mainline, wheel lines

b. Height of storage dam _____ 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 16" inches; proposed depth of well is 136 feet.

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

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: _____ $\frac{1}{4}$ of _____ $\frac{1}{4}$ of Section _____ Township _____
Range _____ 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 _____.

(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

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

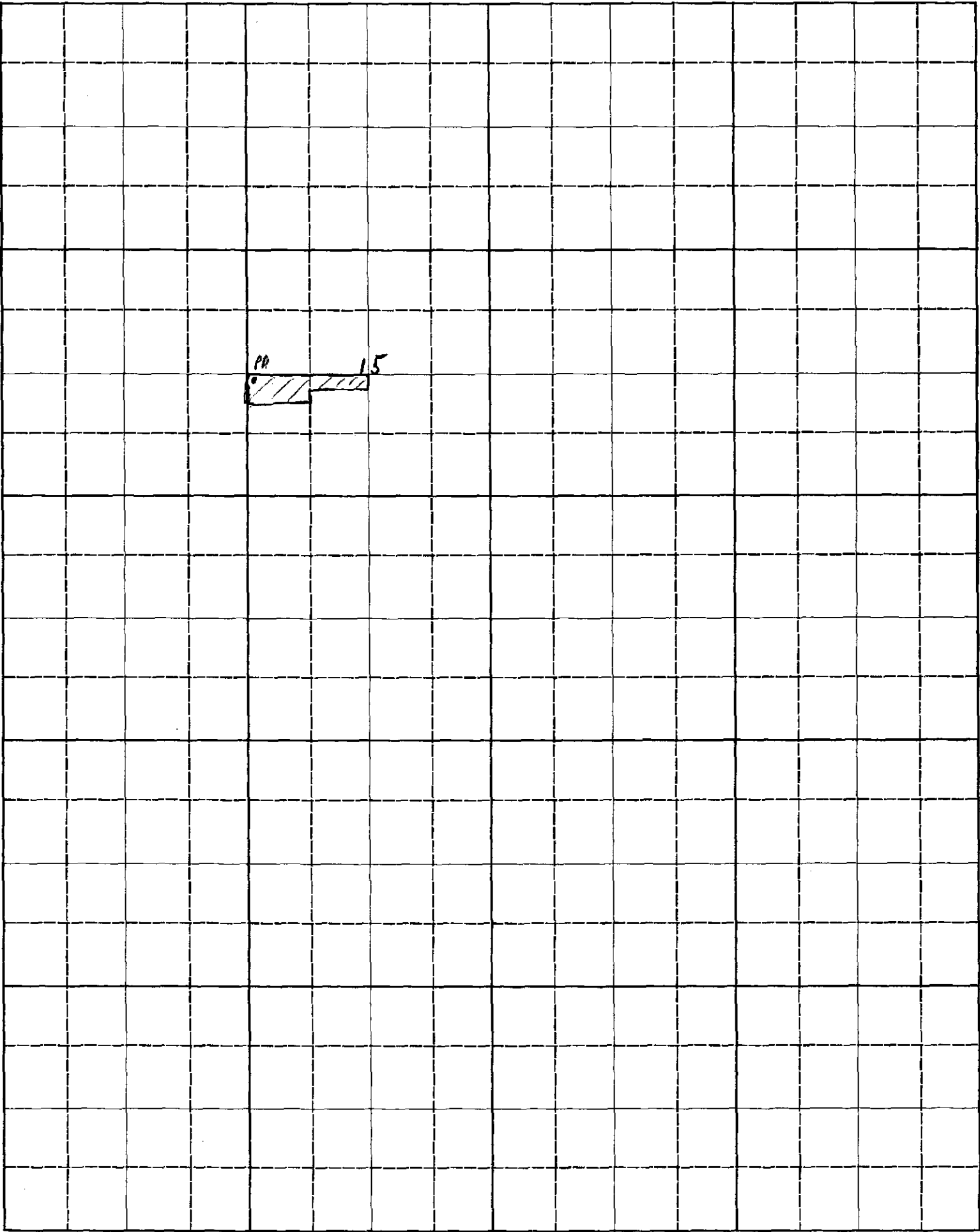
b. Who owns the land to be irrigated or place of use

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the

applicant to make this filing

10. Remarks

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



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.

Ronald M. Shan
(Applicant)

Proposed Priority 4/24/80

Received by gc Date 4/24/80 Time 2:20

Preliminary check by SM Fee \$ 35.00

Received by kw Date 4/24/80 # 13950

Publication prepared by kw Date 5/1/80

Published in Arco Advertiser

Publication dates 5/8 & 5/15/80

Publication approved kw Date 7/16/80

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by BMC RH gm

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. 33-7072, 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 August 1, 19 85.

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: _____

An access port or other device as specified by the Department shall be installed by the permit holder to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.

Witness my hand this 7th day of August, 19 80.

J. Allen Saylor
Chief, Operations Bureau

Affidavit of Publication

I, Leella Cammack.....
of the Arco Advertiser, a weekly newspaper of
general circulation, published weekly at Arco,
Idaho, since March, 1909, do solemnly swear that
a copy of this notice, per clipping attached, was
published weekly in the regular and entire issue
of said newspaper, and not in any supplement
thereof,

for 2..... consecutive weeks, commencing with

the issue dated 5-8-80.....

and ending with the issue dated 5/15/80.....

Leella Cammack

Subscribed and sworn to before me this

1st day of July, 1980.

[Signature]

Notary Public

Residence: Arco, Idaho.

My commission expires....., 19.....

PUBLIC NOTICE

NOTICE OF APPLICATION FOR WATER RIGHT

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

33-7072

ISHAM, DONALD

HOWE, ID 83244

Source: GROUNDWATER

Date Filed: 04-24-1980

Amount: 0.60 CFS

Diversion Point: NWSW Sec 15 T
06N R 29E, BUTTE COUNTY.

Use: IRRIGATION — (0.60 CFS)
from 04-01 to 11-01

Place of Use: NESW NWSW Sec
15 T 06N R 29E FOR 30 ACRES

Diversion Means: WELL &
PIPELINES.

If issued, the permit 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 MAY 26, 1980.

C. STEPHEN ALLRED
Director

Published 5-08 & 5-15-80.

ok kw
7/16/80

RECEIVED

JUL 14 1980

Department of Water Resources
Eastern District Office

MICROFILMED

October 31, 1990

DONALD ISHAM
P.O. BOX 1036
HOWE, ID 83244

RE: WATER RIGHT NO. 33-07072

Dear Water Right Holder(s):

Enclosed herewith is a copy of the Water Right License issued on the above referenced permit.

Sincerely,

JIM JOHNSON
Water Rights Supervisor

JJ:blm

Enclosure

RECEIVED
NOV 01 1990

LICENSE REVIEW CHECKLIST

Permit No. 33-7072

Name/Address change? ok ☒

Priority date Advance? yes no ☒
Memo to advance N/A
Blue sheet inserted N/A
Order to reinstate needed? yes no ☒

Total cfs Limited by fee (permit) ☒
Limited by capacity

Total volume Limited by flow
Chart checked for AF rate/ac ☒ 3.0

Capacity Actual measurement checked ☒
Theoretical checked ☒
If greater than permit, check for other rts

Source Changed? yes no ☒
If so, is memo needed to clarify? N/A

P/D Verify with map ☒ permit ☒
More than one per 1/4? Remember remark
Check p/d overlap ☒

Uses Check irrigation period of use w/ chart ok

P/U Verify with map ☒ permit ☒
> 5 acres irrigated, run overlap ☒

Remarks More than one p/d in 1/4
Description of non-irrig uses
Special overlap condition

Conditions Measuring device
W.Master control
Overlap 229
Water quality
Other

Dates/Misc Water district
App Rec'd date ☒
Proof Rec'd date ☒

Comments/Changes to Examiner's Recommendations:

License ☒ 10-day 30-day

Back of field report signed? ☒
Reviewer S. Curtis Date 10-10-90
Review time 12 minutes

WR-NUMBER	NAME	STG	SOURCE	T	R	S	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	SUM
L3307072	BLAINE COUNTY INVESTME D		DRY CREEK	06N	29E	15													
3300002	BLAINE COUNTY INVESTME D		DRY CREEK	06N	29E	15													
3300003	BLAINE COUNTY INVESTME D		LITTLE LOST RIVER	06N	29E	15													
3300004	BLAINE COUNTY INVESTME D		LITTLE LOST RIVER	06N	29E	15													
3300005	BLAINE COUNTY INVESTME D		LITTLE LOST RIVER	06N	29E	15													
3300006	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300007	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300008	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300009	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300010	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300011	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300012	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300013	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300014	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300015	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3300016	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3302064	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3302069	BLAINE COUNTY INVESTME D		SAWMILL CREEK	06N	29E	15													
3307072	W.T. WILLIAMS INC.		GROUNDWATER	06N	29E	15													
3307072	ISHAM		GROUNDWATER	06N	29E	15													
L3307072	ISHAM		GROUNDWATER	06N	29E	15													
	1986 MAPPING DATA		COUNTY 23 QUAD W 85	06N	29E	15													

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33-2064 irrigator
 remaining acres
 in each 1/4 - no
 overlap
 (see map highlighted
 by examiner's copy
 of the above)

D-37		TOWNSHIP: 06N		RANGE: 29E		SECTION: 15		TRACT: NWSW		LOT:	
S	L	R	ATE	O	S	MAX # RECORDS 4					
E	O	D	WATER	NAME		W	T	PRIORITY	TOTAL		
L	TRACT	T	V	RIGHT NO.	LAST, FIRST	N	G	DATE	SOURCE	DIVERSION	
	NWSW			33-02064	WHEELER, DEAN	O	L	09/15/1952	GROUNDWATER	2.600	
					HAMMOND, RAY L O						
					HAMMOND, RAY L C						
	NWSW			33-07072	ISHAM, DONALD	C	P	04/24/1980	GROUNDWATER	0.600	
	NWSW			33-07174	ISHAM, DONALD	C	P	05/31/1985	GROUNDWATER	3.000	
					ISHAM, KAREN R C						
	NWSW			L33-07072	ISHAM, DONALD	C	L	04/24/1980	GROUNDWATER	0.600	

NO P/u OVERLAP

ENTER=CONTINUE)

(GOLD 7=THIS QUERY)

(MENU _____)

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NOV 01 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

Staff Analysis Sheet
for
Beneficial Use Field Report

33-7072
Permit No.
ESU 11/86

A. Prior to Conducting the Exam, the File Contains:

- ☐ Blank Field Report Form
- ☒ Copy of Permit
- ☒ Copies of any Amendments/Orders with conditions of approval
- ☒ Computer Data Proof Report
- ☒ Copy of U.S.G.S. Quad
- ☒ Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index Kaw 0 9 APR 87 (Initial and date)

Overlap? ☐ yes ☐ no If yes: ☒ copy of exam(s) attached?
Type of Overlap? ☐ Add acres or uses to existing system
☐ Increase rate of flow or volume
☒ Other: 33-2064

Check of P/U index Kaw 0 9 APR 87 (Initial and date)

Overlap? ☐ yes ☐ no If yes: ☐ copy of water right(s) attached?
Type of Overlap? ☐ Increase rate of flow or volume
☐ Add P/D's
☐ Increase number of acres within tracts
☒ Other: 33-2064

Aerial Photo

Required? ☒ yes ☐ no If yes: ☐ copy attached?

Scheduling Letter sent? _____ (Initial and date)

☐ Appointment made and telephone conversation memo attached

B. After Conducting the Exam, the File Contains:

- ☐ Fully completed and signed Field Report Form
- ☐ Photographs of Point of Diversion and Place of Use
- ☐ Corrected Computer Data Proof Report with recommended license information, and date and signature of examiner.

C. Review and Processing:

Exam Completed 7-13-86 Kaw (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent Kaw 8/14/87 (Initial and date)

Exam Reviewed by Manager of Regional Office _____ (Initial and date)

Exam Date Entered in Computer _____ (Initial and date)

Exam sent to State Office _____ (Initial and date)

Copy of Staff Analysis Sheet sent to Manager of Regional Office and Original
Refiled in White File _____ (Initial and date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
JUN 13 1990

A. GENERAL INFORMATION

Permit No. 33-7072
Department of Water Resources
Phone No. 767-3443

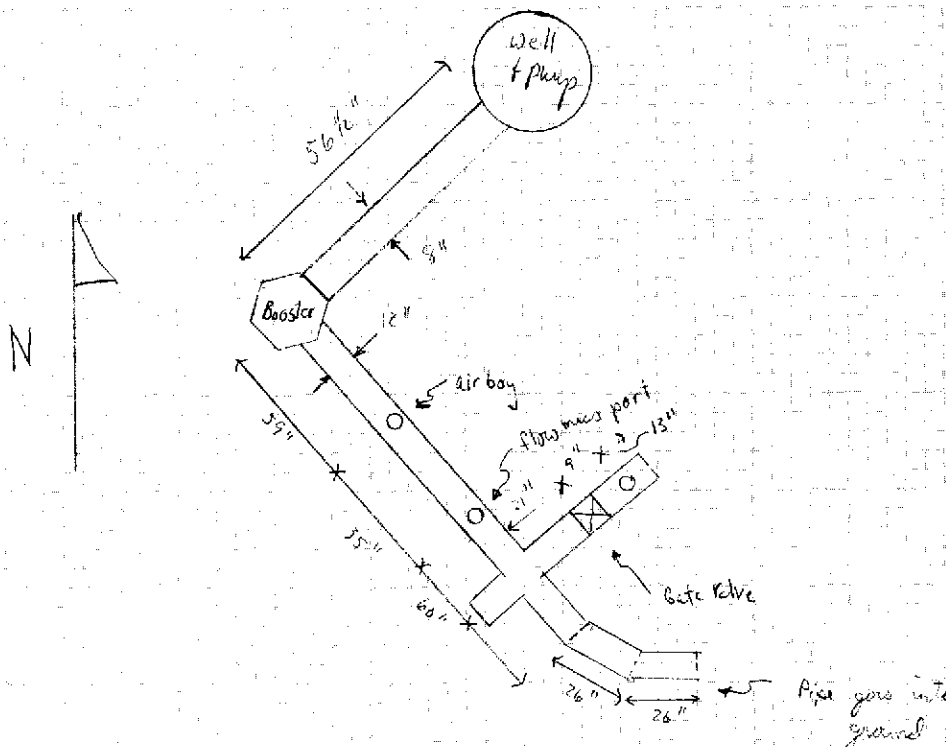
1. Owner: Don Isham
Current Address: Box 1036 Howe ID- 83224
2. Accompanied by: Same EXAM. DATE: 7-13-89
Address: _____ Phone No. _____
Relationship to Permit Holder: Owner
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

1. Other water rights with same place of use: 33-2064 ☐ Copies Attached
2. Other water rights with same point of diversion: 33-2064 ☐ 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



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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 NOV 01 1990 (required for irrigation of 10 acres or more).

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

Bill + pump + booster to 8 1/2 inch hoses 13/64 notes

Arthropods ≈ 30 cases in sect. 15 + ≈ 160 cases in section 21 with same pump

Water level 2 95 ft.

☐ See Remarks on page 4 for continuation

Well or Diversion Identification No.*	Pump	fair banks	75	PT6420	Pomona	—
Booster	Marchion	100	DD-92547-4/4-9	Cornell	19821	14 3/4

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

5. Point(s) of Diversion:

[illegible]

6. Place(s) of Use:

Indicate Method of Determination

[illegible]

Do not use this space

066L 10 AON

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Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Halls Meter	Pitot	Cox		120 587	10"	
Manometer		IDWR			57"	

2. Measurements:

Pressure = 47 psi

Manometer = 41.5 - 21.8 = 19.7

I.D. = 10 1/4"

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

1. Measured Method:

See attached sheet

2. Alternate Method for Checking Purposes:

See attached sheet

F. PUMP EFFICIENCY DATA (Optional)

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

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

Water HP: (3) x (4) ÷ 8.8 = _____ (5)

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

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

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

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

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = (30)(2.5) = 75 \text{ afa}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = (.6)(214)(1.9835) = 254.68 \text{ afa}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 75 \text{ afa}$

2. Volume Calculations for Other Uses:

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NOV 01 1990

0661 10 AON

10-10-01

CONSULTANT SEAL

Field Report Preparation Date

Certification Date

Signature

Field Examiner's Name

J. AUTHENTICATION

☐ Change P.U. as reflected above☐ Change P.D. as reflected above

2. Recommended Amendments

☐ Add P.U., as reflected above ☐ Other☐ Add P.D. as reflected above ☒ None☒ None☐ Other**Totals:**

9.0

5/6

Beneficial Use

1. Recommended Amounts

1. RECOMMENDATIONS

REMARKS AND OVERLAP REVIEW ANALYSIS

I recommend condition ~~«E31»~~ $(0.2 \text{ yd} + 2.5 \text{ cfs})$ due to ~~place of use overlap.~~ K.S.

No place of use overlap - This permit when combined with 33-2064 allows user license to cover all 80 acres in NW SW and NE SW in Section 15.

There is point of diversion overlap with 33-7072 + 33-2064 ~~and 33-2070~~

~~I recommend condition «R17» The maximum combined rate of diversion~~

~~under this right and right 33-2064 and permit 33-2070 shall not exceed 3.2 cfs.~~

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

33-7072

PERMIT NO.

MANOMETER READING TO HALLS Vh

	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
0	0.0	0.8	1.3	1.8	2.2	2.5	2.9	3.3	3.7	4.0
1	4.3	4.5	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2
2	6.3	6.5	6.7	6.9	7.0	7.2	7.3	7.5	7.6	7.7
3	7.9	8.0	8.2	8.3	8.5	8.6	8.7	8.8	9.0	9.1
4	9.3	9.4	9.5	9.6	9.7	9.8	10.0	10.1	10.2	10.3
5	10.4	10.5	10.6	10.7	10.9	11.0	11.1	11.2	11.3	11.4
6	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.3	12.4
7	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4
8	13.5	13.5	13.6	13.7	13.8	13.9	14.0	14.0	14.1	14.2
9	14.3	14.4	14.5	14.5	14.6	14.7	14.8	14.9	15.0	15.0
10	15.1	15.2	15.3	15.4	15.5	15.5	15.6	15.7	15.8	15.9
11	15.9	16.0	16.1	16.2	16.3	16.3	16.4	16.5	16.5	16.6
12	16.7	16.7	16.8	16.9	17.0	17.0	17.1	17.2	17.3	17.3
13	17.4	17.5	17.5	17.6	17.7	17.8	17.8	17.9	18.0	18.1
14	18.1	18.2	18.3	18.3	18.4	18.5	18.5	18.6	18.7	18.7
15	18.8	18.9	18.0	19.0	19.1	19.1	19.2	19.3	19.3	19.4
16	19.5	19.5	19.6	19.6	19.7	19.7	19.8	19.9	19.9	20.0
17	20.1	20.1	20.2	20.2	20.3	20.4	20.4	20.5	20.5	20.6
18	20.7	20.7	20.8	20.9	20.9	21.0	21.0	21.1	21.2	21.2
19	21.3	21.3	21.4	21.4	21.5	21.6	21.6	21.7	21.7	21.8
20	21.9	21.9	22.0	22.0	22.1	22.2	22.2	22.3	22.3	22.4
21	22.4	22.5	22.5	22.6	22.6	22.7	22.7	22.8	22.9	22.9
22	23.0	23.0	23.1	23.1	23.2	23.2	23.3	23.4	23.4	23.5
23	23.5	23.6	23.6	23.7	23.7	23.8	23.8	23.9	23.9	24.0
24	24.0	24.1	24.2	24.2	24.3	24.3	24.4	24.4	24.5	24.5
25	24.6	24.6	24.7	24.7	24.8	24.8	24.9	24.9	25.0	25.0
26	25.1	25.1	25.2	25.2	25.3	25.3	25.4	25.4	25.5	25.5
27	25.6	25.6	25.7	25.7	25.8	25.8	25.9	25.9	26.0	26.0
28	26.1	26.1	26.2	26.2	26.3	26.3	26.4	26.4	26.5	26.5
29	26.6	26.6	26.7	26.7	26.8	26.8	26.9	26.9	26.9	27.0
30	27.0	27.1	27.1	27.2	27.2	27.3	27.3	27.4	27.4	27.5
31	27.5	27.5	27.6	27.6	27.7	27.7	27.8	27.8	27.9	27.9
32	28.0	28.0	28.0	28.1	28.1	28.2	28.2	28.3	28.3	28.4
33	28.4	28.5	28.5	28.5	28.6	28.6	28.7	28.7	28.8	28.8
34	28.9	28.9	29.0	29.0	29.0	29.1	29.1	29.1	29.2	29.2
35	29.3	29.3	29.3	29.4	29.4	29.5	29.5	29.5	29.6	29.6
36	29.7	29.7	29.8	29.8	29.9	29.9	30.0	30.0	30.0	30.1
37	30.1	30.2	30.2	30.3	30.3	30.4	30.4	30.5	30.5	30.5
38	30.6	30.6	30.7	30.7	30.8	30.8	30.8	30.9	30.9	31.0
39	31.0	31.0	31.1	31.1	31.2	31.2	31.2	31.3	31.3	31.4
40	31.4	31.5	31.5	31.5	31.6	31.6	31.7	31.7	31.7	31.8
41	31.8	31.9	31.9	31.9	32.0	32.0	32.1	32.1	32.1	32.2
42	32.2	32.3	32.3	32.3	32.4	32.4	32.4	32.5	32.5	32.5
43	32.6	32.6	32.7	32.7	32.7	32.8	32.8	32.9	32.9	33.0
44	33.0	33.0	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.4
45	33.4	33.5	33.5	33.5	33.6	33.6	33.7	33.7	33.7	33.8
46	33.8	33.9	33.9	33.9	34.0	34.0	34.0	34.1	34.1	34.1
47	34.2	34.2	34.2	34.3	34.3	34.4	34.4	34.4	34.5	34.5
48	34.6	34.6	34.6	34.7	34.7	34.8	34.8	34.8	34.9	34.9

$$Q_{cfs} = \frac{\pi (id)^2}{4} (V_h) / 448.8$$

$$id = 10.25 \quad V_h = 21.7$$

$$Q = \frac{0.78539 (10.25)^2 (21.7)}{448.8}$$

$$Q = 3.99 \text{ cfs (measured)}$$

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

$$Q = \frac{175 (8.814) (.8)}{85 + (47 \times 2.308)}$$

$$Q_{ps} = 6.37 \text{ cfs}$$

13/64 nozzle @ 45psi 100' eff

$$Q = A V \sqrt{2gh} = .0665 d^2 \sqrt{psi} = .0665 (13/64)^2 \sqrt{45}$$

$$Q = (.0184058 \text{ cfs}) \left(\frac{32 \text{ nozzles}}{\text{line}} \right) (8 \text{ lines}) = 4.71 \text{ cfs}$$

Using model 20A

13/64 @ 45psi Q = 7.31 gpm/nozzle

$$Q = \left(\frac{7.31 \text{ gpm}}{\text{nozzle}} \right) \left(\frac{32 \text{ nozzles}}{\text{line}} \right) (8 \text{ lines}) / 448.8 = 4.17 \text{ cfs}$$

Kelly SSO

SIGNATURE

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
LICENSING REPORT

33-7072
PERMIT NO.

$$\text{Old Diversion Rate} = \frac{2.6 \text{ cfs}}{130 \text{ acres}} = .02 \text{ cfs}$$

$$\text{New Rate} = \frac{3.99}{160} = .025 \text{ cfs}$$

33-2064 is licensed @ .02 cfs/acre for 130 acres

$$\text{System Capacity} = 3.99 \text{ cfs}$$

$$\text{@ .02 cfs/acre for 160 acres } Q = 3.2 \text{ cfs}$$

$$Q_{33-2064} + Q_{33-7072} = 2.6 + .6 = 3.2 \text{ cfs}$$

$$Q_{\text{capacity}} > Q_{\text{@ .02 cfs/acre}} \therefore \text{limited by .02 cfs/acre}$$

$$\text{Recommend } Q_{33-7072} = \underline{\underline{0.6 \text{ cfs}}}$$

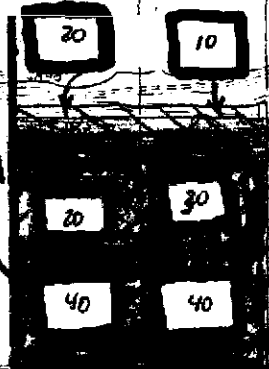
MICROFILMED

NOV 01 1990

Kelly W.D.
SIGNATURE

Page 10 of Page 1

33-7072

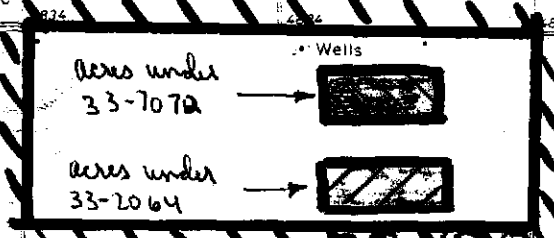


Place of use

Place of use

Point of Diversion

T
6
N
R29E



L I T T L E L O S T R I V E R

MICROFILMED

NOV 01 1990

29E

33 ac

2.6 ac

SEP 5

B-12

L.R. HANDLER

18-B

40 ac

40 ac

Point of
Diversion

Place of
Use

T
N
R29E

40 acre

40 acre

33-7072

6.5 5.6 12.5

01

33-7072

Place of
use

Point of
Diversion

T
6
N
R29E

33-7072

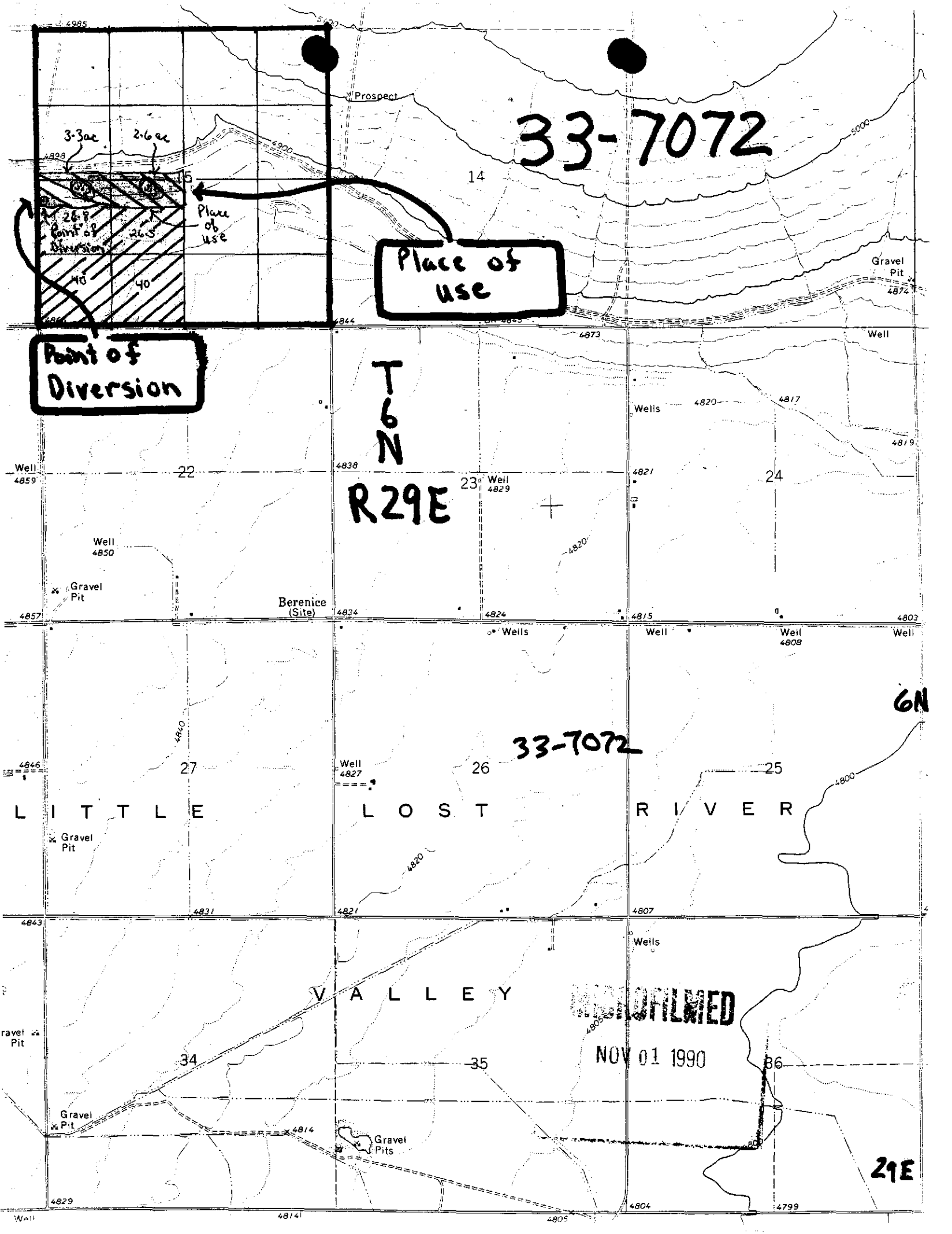
L I T T L E L O S T R I V E R

V A L L E Y

REPRODUCED

NOV 01 1990

29E





33-7072

MICROFILMED

NOV 01 1990

4/86

RECEIVED

AUG 25 1986

Department of Water Resources
Eastern District Office
STATE OF IDAHO

Department of Water Resources
Eastern District Office

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

OK
HWS

For Office Use Only
Fee Received 100.00
Date 7-16-86
Receipt # 39863
Receipt by MD
Sent to S.O. 9-5-86

1. Permit No. 33-7072

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: Donald M Isham

3. Post Office Address: Bx 1036 Howe, Id. 83244
Telephone No. 767-3443

4. Source of Water: Ground

5. Extent of Use:

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

Irrigation ~~300~~ 30 HWS (acres) Other/Remark _____

Permitted amount is for 60 cfs - ENC 8-26-86.

6. Total rate &/or volume for which proof is submitted 5.6 HWS cfs _____ acre-feet

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

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

MICROFILMED

Donald M Isham

NOV 01 1990

(Name)

Bx 1036

Howe Idaho 83244

767-3443

(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.)

July 9 - 86
Date

Donald M Isham
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.



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EASTERN REGION

John V. Evans
Governor

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

A. Kenneth Dunn

DI 33-7072
ISHAM, DONALD
HC 65 BOX 1036
HOWE, ID 83244

June 16, 1986

138786

CERTIFIED MAIL

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. **NO FILMED** you change to another certified examiner.

Certified water right examiners are licensed engineers or geologists 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 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.

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

Sincerely,

Ron D. Carlson

RONALD D. CARLSON
Regional Manager

Enclosure

MICROFILMED

NOV 01 1990

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

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

SEPTEMBER 16, 1985

DONALD ISHAM
HC 65, BOX 1036
HOWE

ID 83244

RE: Permit No. 33-7072

Dear Permit Holder:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this department.

A condition of approval of your original permit required the installation of an access port which, according to the proof card submitted by you, has not been installed. An access port must be installed prior to the time a field examination is made.

A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office by phone at 525-7161 or in person in the third floor State Office Building, 150 Shoup, Idaho Falls, Idaho.

Sincerely,
s/HAROLD W. JONES
Sr. Resource Agent

MICROFILMED

NOV 01 1990

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 completed development under this permit and that water has been applied according to the provisions of the permit for the beneficial use(s) described below:

Permit No. 33-7072

Name(s) of Permit Holder: DONALD ISHAM

Post Office Address: NC 65 Box 1036, Howe, IDAHO

Telephone No. 767-3443

Source of Water: GROUNDWATER

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation 30 (acres)

Other/Remarks _____

Indicate the date water was first diverted and beneficially used ~~under this permit~~: May 1, 1976

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

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

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

DONALD ISHAM (Name) **MICROFILMED**
NC 65 Box 1036 Howe, IDAHO (Address) 767-3443 (Telephone Number)

The above information is a true statement of the extent to which the above numbered permit has been developed.

May 31 - 1985 — date rec'd at region kw
Signature of Permit Holder (and Title, if appropriate) Donald Isham kw

Place
Stamp
Here

**Idaho Department of Water Resources
Statehouse Mail
Boise, ID 83720**

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

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

138013

ISHAM, DONALD
HOWE, ID 83244

PROOF DUE NOTICE

MAY 31, 1985

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 33-7072 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE AUGUST 01, 1985. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A FORM WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU OR A PREVIOUS OWNER OF THIS PERMIT HAVE NOT RECEIVED A PRIOR EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME IF THE DELAY IS FOR REASONABLE CAUSE AS PROVIDED IN SECTION 42-204, IDAHO CODE. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED. AN EXTENSION OF TIME REQUEST FORM IS ENCLOSED FOR YOUR CONVENIENCE.

EITHER THE BENEFICIAL USE FORM OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE DESCRIBED PROOF DUE DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL SEND YOU A LAPSE NOTICE. WITHIN SIXTY (60) DAYS OF THE MAILING OF THE LAPSE NOTICE, THE PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

SINCERELY,

RITA FLECK
SECRETARY/RECORDS MANAGER

ENCLOSURES

MICROFILMED

WATER RIGHT
DATA ENTRY LOG

[illegible]

S T A T E O F I D A H O
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

ISHAM, DONALD
HOWE, ID 83244

AUGUST 12, 1980

RE: PERMIT NO. 33-7072

DEAR PERMIT HOLDER:

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

BE SURE TO NOTE THE SPECIAL CONDITION REQUIRING YOU TO INSTALL A MEASURING DEVICE, OR AN ACCESS PORT TO PROVIDE FOR THE INSTALLATION OF MEASURING EQUIPMENT BY THE DEPARTMENT. ENCLOSED PLEASE FIND A LIST OF MEASURING DEVICE OPTIONS, AND SPECIFICATIONS FOR THE INSTALLATION OF THE ACCESS PORT.

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

SINCERELY,

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

ENCLOSURE

MICROFILMED

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

INITIAL REVIEW BY: Steve

APPLICATION NUMBER: 33 7072
33-7072

CHECK:

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

Field check by: _____
Date: _____
Comments: _____

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT: _____

SEND COPIES TO:

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

Copies sent by: _____ Date: _____

PROCESSING:

- ☒ Yes ☐ No Platted by: Ernest Map No. 60 29E
☒ Yes ☐ No Other rights on same place of use. Basin 33 License 33-2064 covers 50 AC in the N 1/2 SW 1/4 Sec 15 however there is no overlap.
☒ Yes ☐ No* In form for advertising.
☐ Yes ☒ No Final date for protests: May 26
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 7-14-1980. ✓
☒ 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? _____
☒ 4-24-1980. Date of priority recommended.
Special conditions of approval or cover letter. _____

NOTE: Access port required because well will be capable of diverting more than 0.70 cfs under License 33-2064 & Transfer #33-2070

By: Ernest

Date: 7-16-1980

STATE OFFICE REVIEW:

LO3W/OIC and OIC

- ☐ See attached sheet for more information.

By: Robyn

Date: 7-25-80

June 2, 1980

RE: Application for Permit No. 33-7072 ISHAM

Arco Advertiser
Box "C"
Arco, Idaho 83213

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 May 8 and 15, 1980.

Your cooperation in this matter is greatly appreciated.

Very truly yours,

KAY WALKER
Secretary

CW:kw

MICROFILMED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Eastern Region

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

MAY 1, 1980

The Arco Advertiser
Box "C"
Arco, Idaho 83213

Gentlemen:

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

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

Please send the affidavit of publication and publication billings to this office before MAY 26, 1980.

Yours truly,

RONALD D. CARLSON
Supervisor
Eastern Region

Encl.

MICROFILMED

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 MAY 26, 1980.

C. STEPHEN ALLRED

Director

Published 5/08 & 5/15/80.

ADDITIONAL MED

33-7022-

ISHAM, DONALD

HOWE, ID 83244

Source: GROUNDWATER

Date Filed: 04/24/1980

Amount: 0.60 CFS

Diversion Point: NWSW Sec 15 T 06N R 29E, BUTTE Co.

Use: IRRIGATION (0.60 CFS) from 04/01 to 11/01

Place of Use: NESW NWSW Sec 15 T 06N R 29E FOR 30 ACRES

Diversion Means: WELL & PIPELINES.

MICROFILMED