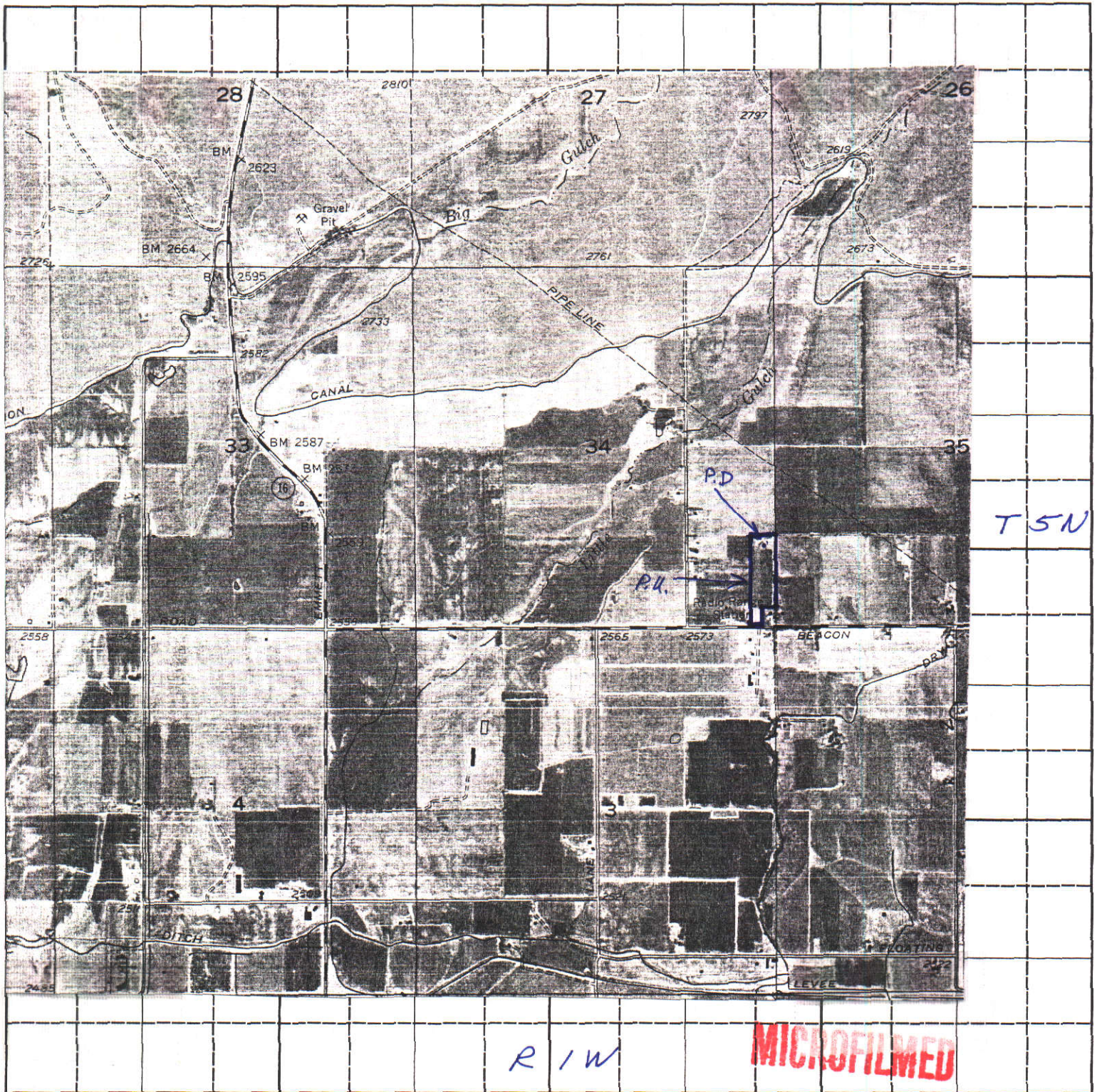


13. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile.

OCT 20 1989

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.

Arthur F. Henderson
(Applicant)

X

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
DEC 13 1990

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-10841

1. Owner: ARTHUR HENDERSON

Phone No. 286-7070

Current Address: 6404 BEACON LIGHT RD., EAGLE, IDAHO 83616

2. Accompanied by: MRS. HENDERSON

EXAM. DATE: 4/24/90

Address: SAME

Phone No. _____

Relationship to Permit Holder: WIFE

3. Source: GROUNDWATER tributary to _____

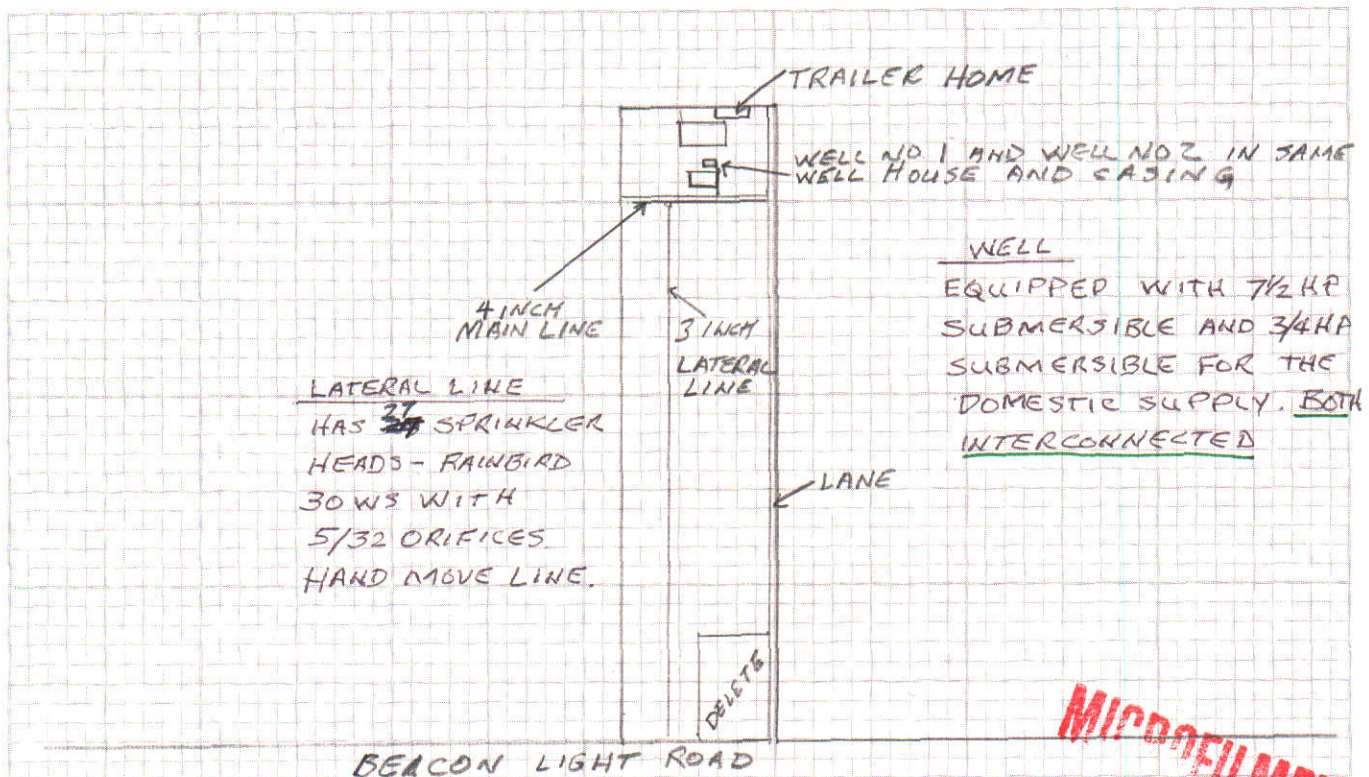
B. OVERLAP REVIEW

1. Other water rights with same place of use: 63-02406, 63-02858, 63-02942, 63-03296, 63-04079 AND 63-08289 ☐ Copies Attached

2. Other water rights with same point of diversion: 63-02858, 63-02942, 63-03296, 63-04079 AND 63-08289 ☐ 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" = 400'

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

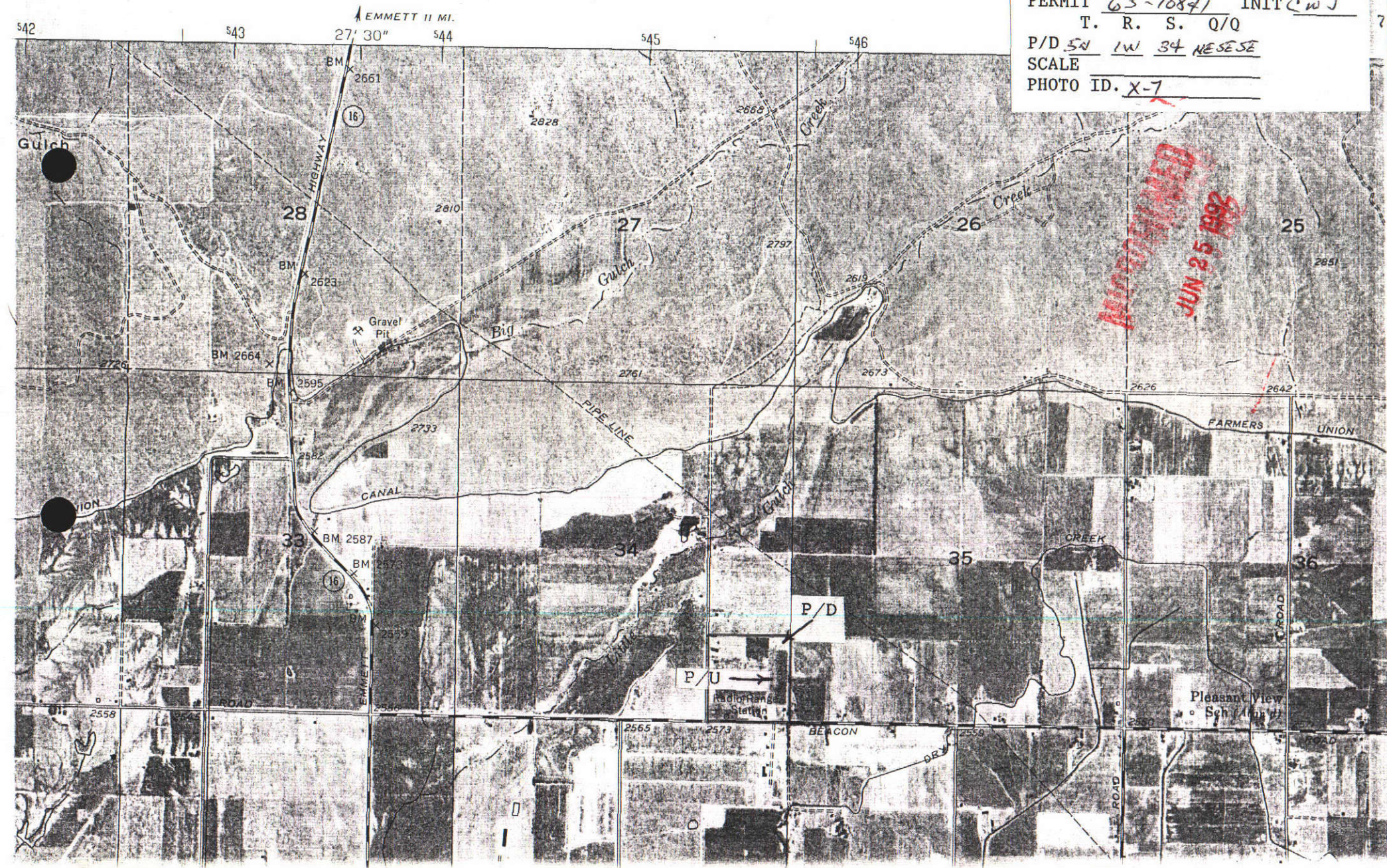
☐ Aerial Photo Attached (required for irrigation of 10 acres or more).

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

RESOURCES

RIW

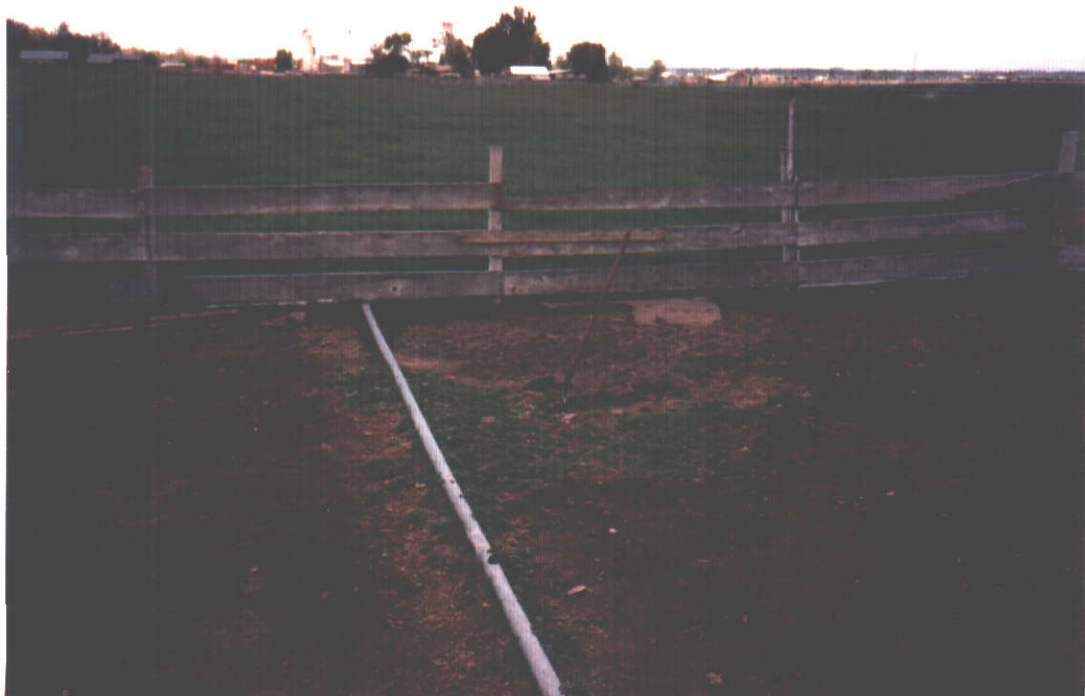
PERMIT 63-10841 INIT CWJ
T. R. S. Q/Q
P/D SW 1W 34 NESESE
SCALE
PHOTO ID. X-7



PERMIT NO. 63-10841 PHOTO #1
8-INCH WELL INSIDE 4 FT BY 6 FT WELLHOUSE, EQUIPPED
WITH A $7\frac{1}{2}$ HP PUMP ON LEFT AND A $3\frac{1}{4}$ HP PUMP ON
THE RIGHT (BOTH SUBMERSIBLE).



PHOTO #2
VIEW LOOKING SOUTH FROM NEAR WELL HOUSE, 3-INCH
SUPPLY LINE FROM WELL.



RECEIVED
JUN 25 1992

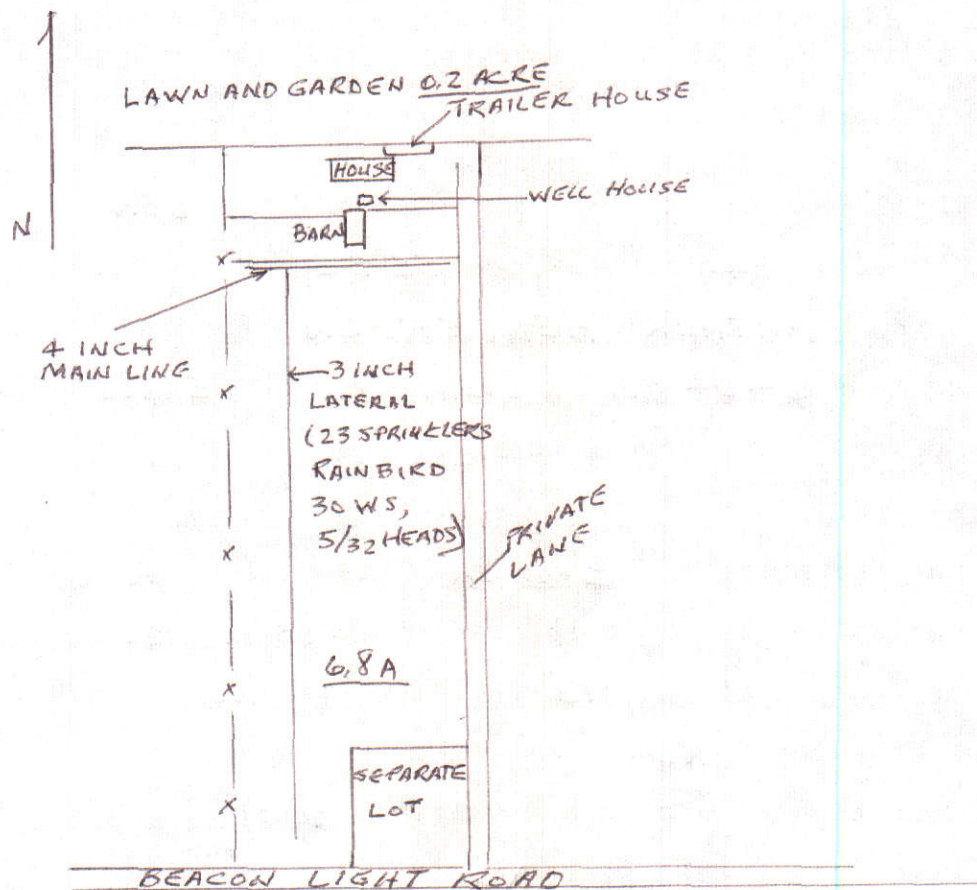
PERMIT NO. 63-10841 PHOTO #3
VIEW LOOKING SOUTH ALONG SPRINKLER LINE WITH 27
RAINBIRD 30 WS HEADS, 5/32 ORIFICES, PRESSURE 25 PSI.



MICROFILMED
JUN 25 1992

SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



Inspected by CLIFTON JOHNSON

Date APRIL 24, 1990

FILED
JUN 25 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-10841

Priority: June 13, 1989

Maximum Diversion Rate: 0.18 CFS
Maximum Diversion Volume: 32.1 AF

This is to certify, that ARTHUR F HENDERSON
6404 BEACON LIGHT RD
EAGLE ID 83616

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated June 13, 1989; and has submitted Proof of Beneficial Use on December 6, 1989. An examination indicates that the works have a diversion capacity of .340 cfs of water from a GROUNDWATER source, and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.14 CFS	31.5 AF
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF
	Totals	0.18 CFS	32.1 AF

LOCATION OF POINT(S) OF DIVERSION:

SESE , Sec. 34, Township 05N, Range 01W
ADA County

PLACE OF USE: IRRIGATION
TWN RGE SEC

05N 01W 34

ACRES

SESE 7

ACRES

ACRES

TOTAL

7

Total number of acres irrigated:

7

PLACE OF USE: DOMESTIC, same as IRRIGATION use

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 limited to the amount that can actually be beneficially use 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 4.5 afa per acre for the lands above.

RECEIVED

JUN 25 1992

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 63-10841

CONDITIONS/REMARKS:

6. 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 23RD
day of JUNE, 1992.

Acting for R. Keith Higginson, Director

JUN 25 1992

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 63-10841

Proposed Priority: June 13, 1989

Maximum Diversion Rate:

0.20 CFS

This is to certify, that **ARTHUR F. HENDERSON**
6404 BEACON LIGHT RD.
EAGLE, ID 83616

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>
IRRIGATION	03/15 to 11/15	0.16 CFS
DOMESTIC	01/01 to 12/31	0.04 CFS
	Totals	0.20 CFS

LOCATION OF POINT(S) OF DIVERSION: NESESE Sec. 34, Township 05N, Range 01W
ADA 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>
05N	01W	34	SESE	8		8
Total number of acres irrigated:						8

PLACE OF USE: DOMESTIC, same as IRRIGATION use

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **November 1, 1990**.
2. Subject to all prior water rights.
3. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
4. The rate of diversion of water for irrigation under this permit and all other water rights on the same land shall not exceed 0.02 cubic feet per second for each acre of land.
5. Domestic use is for 1 home.

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

5th day of October, 1989

MICROFILMED

OCT 26 1989

for R. Keith Higginson, Director

Form 202
8/85

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT**

Department of Water Resources
Western Regional Office

To appropriate the public waters of the State of Idaho

1. Name of applicant Arthur F. Henderson Phone (208) 286-7070

Post office address 6404 Beacon Light Road, Eagle, ID 83616

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

3. Location of point of diversion is NE $\frac{1}{4}$ of SE $\frac{1}{4}$ of SE $\frac{1}{4}$, Govt. Lot _____

Sec. 34 Township 5N Range 1W B.M. Ada County; additional

points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.16 for Irrigation purposes from 3-15 to 11-15 (both dates inclusive)
(cfs or acre-feet per annum)

Amount 0.04 for Domestic purposes from 1-1 to 12-31 (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 is (a) 0.20 and/or (b) _____
cubic feet per second acre feet per annum

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Existing well with
2 pumps 7.5 HP submersible for irrigation
1.5 HP submersible for domestic Drilled approx. 1971

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 110' 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).

MICROFILMED

OCT 30 1989

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

- Hydropower; show total feet of head and proposed capacity in KW. _____
- Stockwatering; list number and kind of livestock. _____
- Municipal; show name of municipality. _____
- Domestic; show number of households. 1 Household
- Other; describe fully. _____

9. Description of place of use:

- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- 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	
5N	1W	34																8	8
		34																D	

Total number of acres to be irrigated 8

10. Describe any other water rights used for the same purposes as described above. None

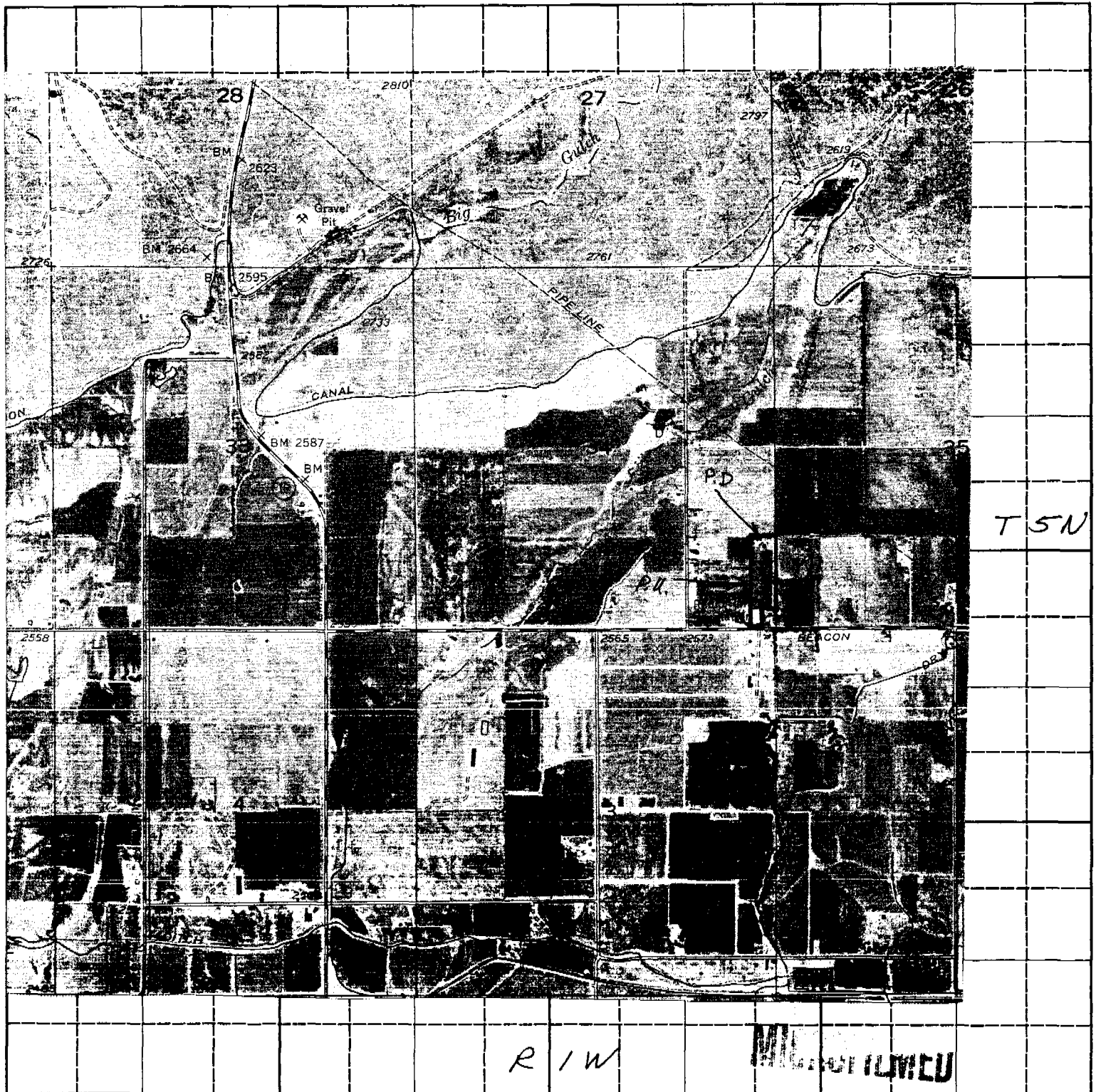
- Who owns the property at the point of diversion? Applicant
- Who owns the land to be irrigated or place of use? Applicant
- If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing. _____

12. Remarks: _____

MICROFILMED

OCT 20 1989

13. 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.

OCT 20 1989

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.

Arthur F. Henderson
(Applicant)

X

Received by CF Date 6-13-89 Time 6:00 A.M. Preliminary check by GG
Fee \$ 30.00 Receipted by CF # 0007435 Date 6-13-89
Publication prepared by GG Date 7-26-89 Published in ID Statesman
Publication approved st Date 8-24-89
8/3 & 8/10/89

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:

MICROFILMED

OCT 20 1989

AUG 11 1989

Statesman

P.O. BOX 40, BOISE, IDAHO 83707

Department of Water Resources
Western Regional Office

LEGAL ADVERTISING INVOICE

Amount Due

218.04

Account Name Idaho Department of Water Resources (Western)				Account Number #47628	
Address 2735 Airport Way			City/State Boise, ID		Zip 83705
Ordered By Gail Garrett	P.O. Number	Rate NT	Run Dates 1989 August 3, 10		
Identification Applications for Water Rights			Estimated Inches		Real Inches
Number of Affidavits Requested 1					Legal Number #3268

NOTICE OF APPLICATION
FOR WATER RIGHT

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

63-10819
Wilson, E. Clyde
2815 Laurelhurst Dr.
Boise, ID 83705
Source: Groundwater
Diversion Pt: NWNW Sec 34 T
02N R 01E

Use: Irrigation (.150 CFS)
Use: Domestic (.020 CFS)
Date Filed: 6/19/1989
In: T02N R01E S34 NWNW
5.0 ACRES TOTAL

63-10836
Davis, Oneta M.
Davis, Hugh
5715 Winfield Ct.
Boise, ID 83703
Source: Groundwater
Diversion Pt: NENW Sec 15 T
04N R 01E

Use: Irrigation (.030 CFS)
Date Filed: 6/28/1989
In: T04N R01E S15 NENW
1.0 ACRES TOTAL

63-10837
Moore, Leslie L.
Moore, Erlinda N.
10759 Highlander Cir.
Boise, ID 83709
Source: Groundwater
Diversion Pt: SWSNE Sec
34 T 03N R 01E
Use: Irrigation (.020 CFS)
Date Filed: 6/30/1989
In: T03N R01E S34 SENE
0.5 ACRES TOTAL

63-10841
Henderson, Arthur F.
6404 Beacon Light Rd.
Eagle, ID 83616
Source: Groundwater
Diversion Pt: NESESE Sec 34
T 05N R 01W
Use: Irrigation (.160 CFS)
Use: Domestic (.040 CFS)
Date Filed: 6/13/1989
In: T05N R01W S34 SESE
8.0 ACRES TOTAL

63-10842
Robbins, Annetta Dale
1925 Vinnell
Boise, ID 83709
Source: Groundwater
Diversion Pt: SENW Sec 24 T
03N R 01E
Use: Irrigation (.020 CFS)
Use: Domestic (.020 CFS)
Date Filed: 7/07/1989
In: T03N R01E S24 SENW
1.0 ACRES TOTAL

63-10848
Maple Hill Subdivision Corp.
P.O. Box 2036
Boise, ID 83701
Source: Groundwater
Diversion Pt: NENE Sec 14 T
03N R 01E
Use: Irrigation (.100 CFS)
Use: Diversion to Storage
(.100 CFS)
Aesthetic Storage (6.00 AF)
Date Filed: 7/11/1989
In: T03N R01E S14 NENE
3.5 ACRES TOTAL

63-10849
Queenland Acres Inc.
485 W. Overland
Meridian, ID 83642
Source: Groundwater
Diversion Pt.: SWNE Sec 34 T
02N R 01W
Use: Irrigation (1.880 CFS)
Date Filed: 7/11/1989
In: T02N R01W S34 SWNE
SENW NWSE
94.0 ACRES TOTAL

63-10853
Sterling Landscape Co.
c/o Lynne Sterling
1081 N. Mitchell
Boise, ID 83704
Source: Groundwater
Diversion Pt: SENW Sec 11 T
03N R 01E
Use: Irrigation (.140 CFS)
Use: Domestic (.020 CFS)
Date Filed: 7/21/1989
In: T03N R01E S11 SENW
4.5 ACRES TOTAL

63-10854
Sterling Landscape Co.
c/o Lynne Sterling
1081 N. Mitchell St.
Boise, ID 83704
Source: Groundwater
Diversion Pt: NWNE Sec 11 T
03N R 01E
Use: Irrigation (.030 CFS)
Use: Domestic (.030 CFS)
Date Filed: 7/21/1989
In: T03N R01E S11 NWNE
1.0 ACRES TOTAL

63-10855
Baker, Thompson A.
Baker, Sandra L.
2335 Springwood Dr.
Meridian, ID 83642
Source: Groundwater
Diversion Pt: NENW Sec 17 T
03N R 01E

Use: Irrigation (.020 CFS)
Date Filed: 7/14/1989
In: T03N R01E S17 NENW
0.5 ACRES TOTAL

63-10859
Johnston, Carl M.
5630 Randolph Dr.
Boise, ID 83705
Source: Groundwater
Diversion Pt: SWSW Sec 17 T
03N R 02E
Use: Irrigation (.060 CFS)
Use: Domestic (.040 CFS)
Date Filed: 7/20/1989
In: T03N R02E S17 SWSW
2.0 ACRES TOTAL

63-10862
Boise Water Corp.
P.O. Box 7488
Boise, ID 83701
Source: Groundwater
Diversion Pt: NWSE Sec 26 T
03N R 02E
Use: Municipal (1.670 CFS)
Date Filed: 7/18/1989

63-10863
Carpenter, William M.
1406 N. 11 St.
Boise, ID 83702
Source: Groundwater
Diversion Pt: Lot 2 (NWSWNE)
Sec 23 T 04N R 01E
Use: Irrigation (.150 CFS) ing duly
Use: Stockwater (.020 CFS) Idaho
Use: Domestic (.040 CFS) a
Date Filed: 7/13/1989 nd
In: T04N R01E S23 Lot 2 (SWNE)
5.0 ACRES TOTAL
63-10864
Nasman, Eddie J. ionths
Nasman, Carol A. hed
2442 E. Bergeson Ln.
Boise, ID 83706
Source: Groundwater
Diversion Pt: Lot 3 (SWNW) Sec 30 T 03N R 03E
Use: Irrigation (.020 CFS)
Date Filed: 7/17/1989
In: T03N R03E S30 Lot 3 (SWNW) 89
0.5 ACRES TOTAL
The permit(s) will be subject to
all prior water rights. Protests
must be filed with the Director,
Dept. of Water Resources, West-
ern Region, 2735 Airport Way,
Boise, Idaho 83705 on or before
AUGUST 21, 1989.
R. KEITH HIGGINSON
Director
Pub. Aug. 3, 10, 1989 3268

ust 19 89

for Idaho, Residing at Boise, Idaho

June 23, 1992

ARTHUR F HENDERSON
6404 BEACON LIGHT RD
EAGLE ID 83616

RE: WATER RIGHT NO. 63-10841

Dear Water Right Holder(s):

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

Sincerely,

PAMELA SKAGGS
Water Resource Agent

PS:cz

Enclosure

RECEIVED
JUN 25 1992

May 12, 1992

ARTHUR F HENDERSON
6404 BEACON LIGHT RD
EAGLE ID 83616

RE: WATER RIGHT NO. 63-10841

Dear Water Right Holder(s):

Enclosed is a draft copy of the license proposed to be issued on the above referenced water right.

This right is currently being reviewed by this office for licensing. The enclosed preliminary copy is subject to change upon further administrative review.

We ask that you review the proposed license and if you do not concur with the information, please let us know within 10 days.

Sincerely,

PAMELA SKAGGS
Technical Records Specialist

PS:cz

Enclosure

RECEIVED
JUN 25 1992

LICENSE REVIEW CHECKLIST

Permit # 63-10841

Date 05-07-92
28

	Yes	No	
NAME	☐	☒	Address Change?
PRIORITY DATE	☐	☒	Advance?
	☐	☒	Memo to Advance
	☐	☒	Order to Reinstate Needed?
TOTAL CFS	☐	☒	Incorrect Fee for rate recommended?
	☐	☒	Disagree with Actual Measurement? .04 cfs (DOM)
	☒	☐	Sprinklers = .21 cfs $7 \times .02 = .14$ cfs (IRR-Allowable)
	☐	☒	Disagree with Theoretical? $7.5 \times 8.8 \times (7) = .30$ (#2) = .04
	☐	☒	Limited by Capacity? .34 cfs 60' H (2.31 x 40)
TOTAL VOLUME			Rate/ac <u>4.5</u> AFA Irr. Season <u>D</u>
			<u>3-15 to 11-15</u> Standard Irr. Season
	☒	☐	<u>Same Per Permit</u> Season Recommended
	☐	☒	Disagree with Examiner's Calculations?
			$7 \times 4.5 = 31.5$ AFA (IRR) .6 AFA (DOM) = 1 Internal
		☒	Limited by Flow? .14 x 245 x 1.9835 = 68 > 31
SOURCE	☐	☒	Changes? Clarification of <u>Originally</u>
	☐	☒	<u>Intended</u> source
	☐	☒	Notice of Intent to Void.
P/D			Verify with Map
	☐	☒	Amendment Needed?
	☐	☒	Is Overlap Analysis a Consideration?
P/U			Verify with Map
	☐	☒	Amendment Needed?
	☒	☐	Is Overlap Analysis a Consideration?
USES	☐	☒	Change(s) in Nature of Use?
	☐	☒	Amendment Needed?
REMARKS	☐	☒	Multiple P/Ds in 1/4 1/4?
	☒	☐	Non-Irr. Uses <u>DOM / 1 Home</u> (Per Permit)
	☐	☒	Special Overlap Condition
	☐	☒	Other
CONDITIONS	☐	☒	Measuring Device
	☐	☒	W/Master Control
	<u>R32</u>	☐	Overlap
	☐	☒	Water Quality
			DATES/MISC
		☒	Water Dist.
		☒	App Rec'd
		☒	Exam Made

COMMENTS/MEMOS NEEDED: Reduced Acres. Rate

License 10-Day ☒ 15-Day ☐ Special Correspondence ☐

WR0749NP
No. L63-10841

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT
(REGIONAL)

DATE: 05/07/92
PAGE: 1

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
C	ARTHUR F HENDERSON 6404 BEACON LIGHT RD EAGLE ID 83616 (208) 286-7070	06/13/1989	IRRIGATION DOMESTIC	03-15 11-15 01-01 12-31	0.14 CFS 0.04 CFS	31.5 AFA 0.6 AFA
TOTAL DIVERSION:					0.18 CFS	32.1 AFA

Water Source: GROUNDWATER

Tributary to:

Stage: LICENSE

Point(s) of Diversion Capacity: 0.34 CFS

Point(s) of Diversion: T05N R01W S34 SE SE

Place of use Legal Description for: IRRIGATION

				NE				NW				SW				SE						
T	R	S	:	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	Lt	Ac	:	SUM	
05N	01W	34	:																	:		
																				07	:	7.0
																				TOTAL ACRES	:	7.0

Place of use location for DOMESTIC is the same location as described for: IRRIGATION

Pou County: ADA

Other Water Rights with Same Point(s) of Diversion and Source:
63-02858 63-02942 63-03296 63-04079 63-08289

Other Water Rights Listing Overlapping Place(s) of use:
63-02406 63-02858 63-02942 63-03296 63-04079 63-08289 63-10841 63-11666

Conditions of Approval:

- R32 - This right when combined with all other rights shall provide no
- more than .02 cfs per acre nor more than 4.5 afa per acre for the
- lands above.

Remarks: Domestic use is for 1 home.

Dates: App. Received: 06/13/1989 Priority Date: 06/13/1989
Proof Due Date: 11/01/1990 Proof Made Date: 12/06/1989
Exam Made Date: 04/24/1990 Exam Sent to S.O.:
Licensed Date:

Misc: Water District Number: Field Exam Fee: R (Received)

Audit: 05/07/92 SKAGGS

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

63-10841
Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

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

YES Well Inspection Form Needed

☒ Copy of U.S.G.S. Quad

No Check for Government Lots. If so, make a copy of Government Plat

Check of P/D index CWJ 4/17/90 (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: DIFFERENT DIVERSIONS

Check of P/U index CWJ 4/17/90 (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: DIFFERENT PROPERTY

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

C. Review and Processing:

Exam Completed Clifton H. Johnson 5/18/90 (Signature of examiner and date)

Exam Reviewed by Senior Water Resource Agent CJH 12-11-90 (Initial and date)

Exam Reviewed by Manager of Regional Office DW 12/13/90 (Initial and date)

Exam Date Entered in Computer ✓ st (Initial and date)

Exam sent to State Office 12-13-90 st (Initial and date)

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
DEC 13 1990

Department of Water Resources

A. GENERAL INFORMATION

Permit No. 63-10841

1. Owner: ARTHUR HENDERSON

Phone No. 286-7070

Current Address: 6404 BEACON LIGHT RD., EAGLE, IDAHO 83616

2. Accompanied by: MRS. HENDERSON

EXAM. DATE: 4/24/90

Address: SAME

Phone No. _____

Relationship to Permit Holder: WIFE

3. Source: GROUNDWATER tributary to _____

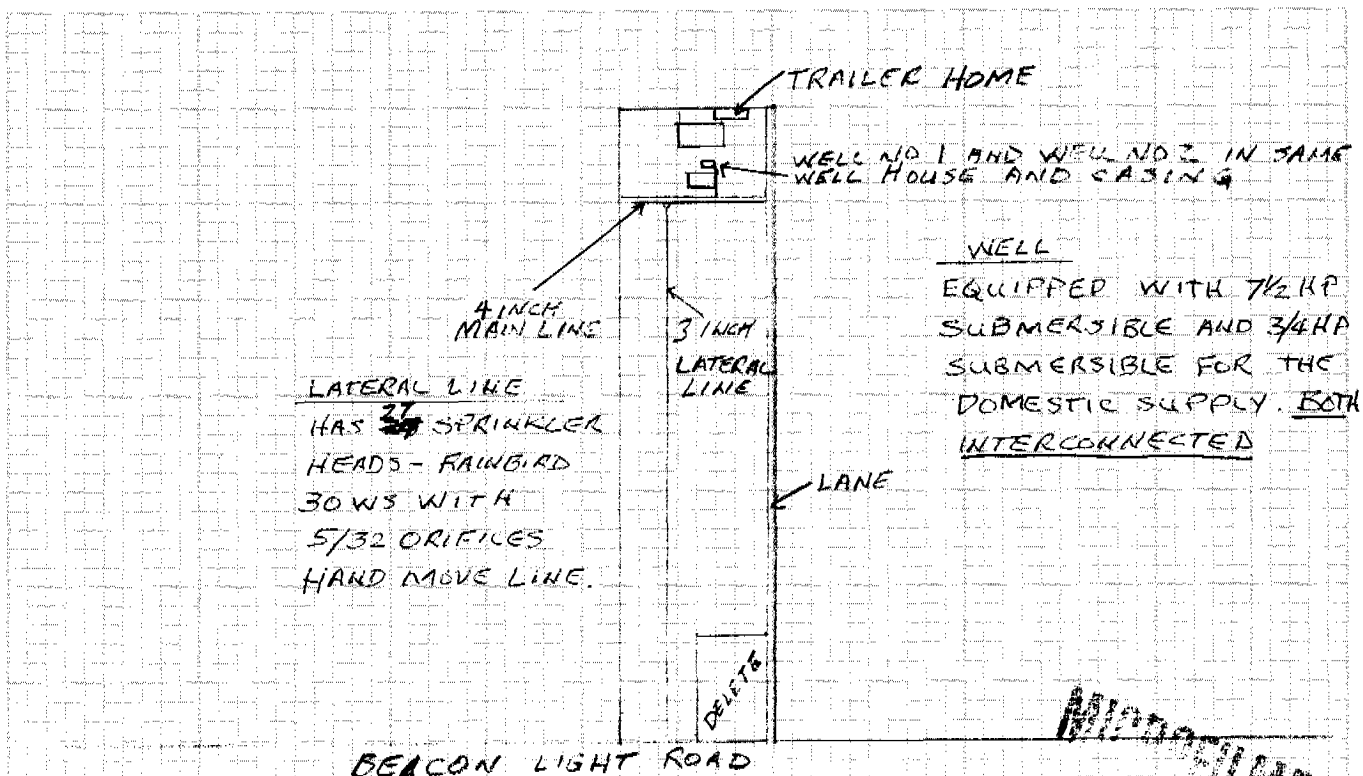
B. OVERLAP REVIEW

1. Other water rights with same place of use: 63-02406, 63-02858, 63-02942, 63-03296, 63-04079 AND 63-08289 ☐ Copies Attached

2. Other water rights with same point of diversion: 63-02858, 63-02942, 63-03296, 63-04079 AND 63-08289 ☐ 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" = 400'

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

☒ Photo of Diversion and System Attached

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

☐ Aerial Photo Attached

(required for irrigation of 10 acres or more).

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System Description (continued)

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

THE 8-INCH WELL IS EQUIPPED WITH A 7 1/2 HP SUBMERSIBLE PUMP FOR THE SPRINKLER FIELD IRRIGATION SYSTEM AND A 3/4 HP SUBMERSIBLE PUMP FOR THE DOMESTIC, STOCK WATER AND LAWN IRRIGATION USE. THE 7 1/2 HP PUMP HAS A 2-INCH DISCHARGE INTO A 3-INCH ALUMINUM SUPPLY LINE TO THE 4-INCH MAIN LINE AT THE UPPER END OF THE FIELD. THE LATERAL LINE IS 3-INCH WITH ²⁷~~23~~ RAINBIRD SPRINKLERS - 30 WS RAINBIRD NOZZLES, 5/32 ORIFICES. 3/4 HP PUMP FOR DOMESTIC PRESSURE SYSTEM.

☐ See Remarks on page 4 for continuation

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
NO. 1 PUMP	UNKNOWN	7 1/2	SUBMERSIBLE	UNKNOWN	2-INCH DISCHARGE
NO. 2 PUMP	UNKNOWN	3/4	SUBMERSIBLE	UNKNOWN	1-INCH DISCHARGE

*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
			SE	SE	34	05 N	01 W	ADA	ORTHOGRAPHIC MAP

6. Place(s) of Use:

Indicate Method of Determination SAME AS ITEM 5

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	
✓ 05 N	01 W	34																7	7
																		D/S	

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 GAGE						
NOZZLE TABLES						

2. Measurements:

27 HEADS ON LATERAL LINE WITH RAINBIRD W/ 30 SPRINKLERS,
5/32 ORIFICES. FROM TABLE NOZZLE DISCHARGE IS 3.5 gal/min/HEAD
27 HEADS x 3.5 gal/min/HEAD = 94.5 gal/min = 0.21 cfs @ 25 lb/in² PRESSURE.

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method: NOZZLE - PRESSURE TABLE: 25 PSI x 3.5 gal/min/HEAD x
27 HEADS = 94.5 gal/min TOTAL = 0.21 cfs (THIS EXCEEDS PERMIT, USE 0.16 cfs)

2. Alternate Method for Checking Purposes:

HORSEPOWER EQUATION $\frac{7.5 \text{ HP} \times 8.8 \times .8}{60 \text{ FT} + (2.31 \times 25 \text{ PSI})} = 0.45 \text{ cfs ON PUMP \# 1}$

F. PUMP EFFICIENCY DATA (Optional) $\frac{7.5 \text{ HP} \times 8.8 \times .7}{60 \text{ FT} + (2.31 \times 30)} = .04 \text{ cfs ON PUMP \# 2}$ assumed 30 psi for domestic system
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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 7 \times 4.5 = 31.5 \text{ AF}$

$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \frac{.14}{1.4} \times 245 \times 1.9835 = 77.8 \text{ AF}$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 31.5 \text{ AF}$

2. Volume Calculations for Other Uses: DOMESTIC AND STOCK WATER (FRONT YARD) 1.2 AF

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

CLAIMS IN SAME Q/R ARE 63-02858, 63-02942, 63-03296, 63-04079 AND 63-08289. THESE P/D AND P/U ARE ON DIFFERENT PROPERTIES THAN THIS CLAIM.

DURING IRRIGATION THE 7 1/2 HP PUMP PROVIDES WATER FOR DOMESTIC USES, AT OTHER TIMES THE 3/4 HP PUMP IS USED. THIS PUMP CAN PROVIDE .04 CFS VIA HP EQUATION

✓ PERMIT ALLOWS 0.02 CFS/ACRE, THEREFORE WITH 7 ACRES OF IRRIGATION FOUND LIMITS IRRIGATION CFS TO 0.14. DOMESTIC USE OF 0.04 CFS IS RECOMMENDED FOR 2 HOUSEHOLDS SINCE THAT IS PERMITTED.

NOTE: Permit states only 1/D
PRESENT OWNER SAYS DOMESTIC PUMP IS 3/4 HP, APPLICATION SHOWS 1 1/2 HP. DIFFERS FR. AP.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
IRRIGATION	3/15	11/15	0.14	31.5
DOMESTIC/STOCK WATER	1/1	12/31	0.04	1.2
Totals:			✓ 0.18	✓ 32.7

2. Recommended Amendments NONE

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

☒ None

J. AUTHENTICATION

Field Examiner's Name

CLIFTON W. JOHNSON

Signature

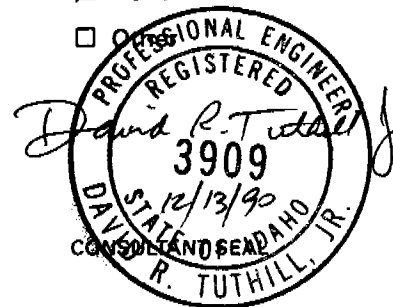
Clifton W. Johnson

Certification Date

YH 12-11-90

Field Report Preparation Date

MAY 16, 1990



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

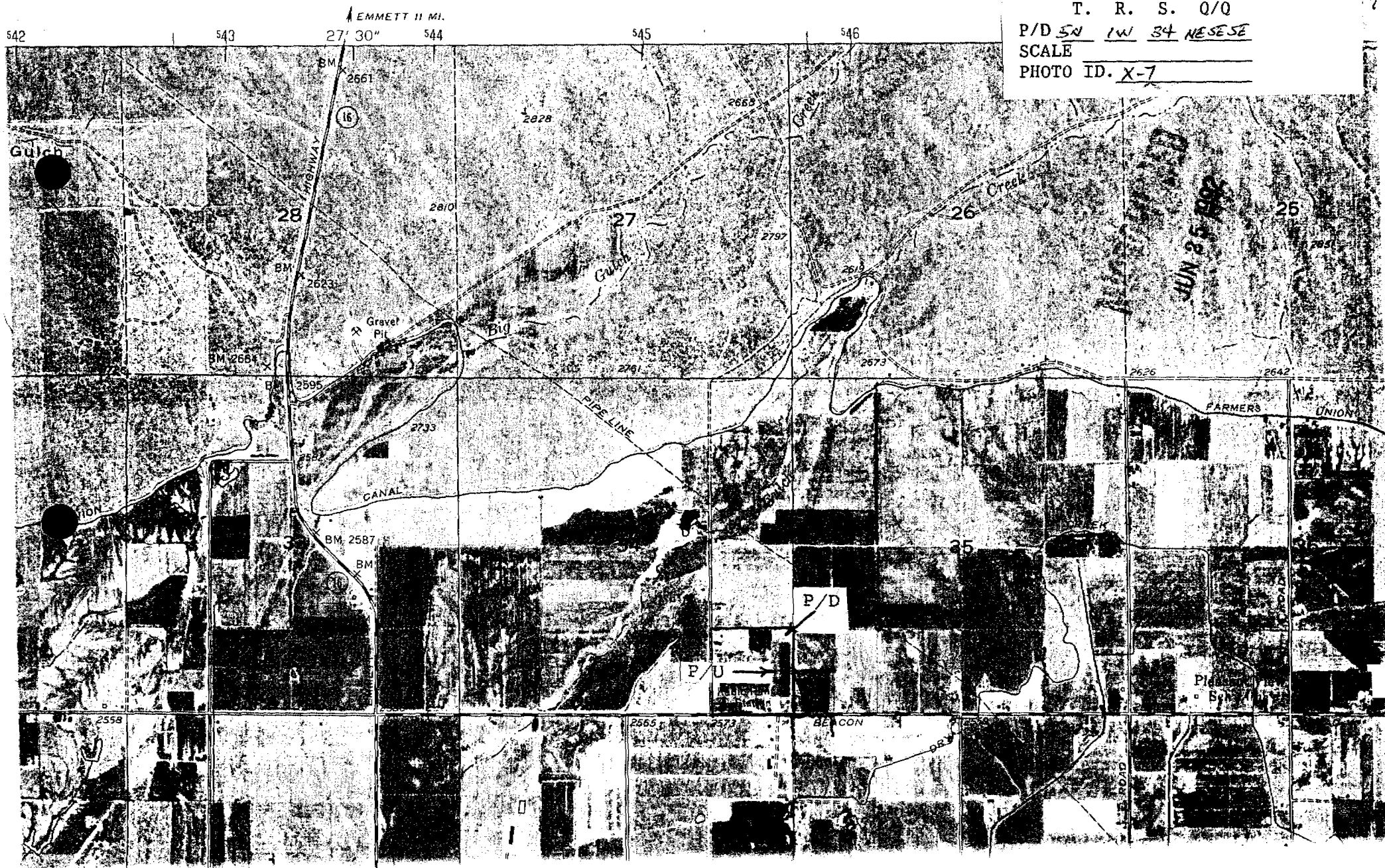
WAGNUT

JUN 25 1992

RESOURCES

RIW

PERMIT 63-10841 INIT CWJ
T. R. S. 0/0
P/D SW 1W 34 NESESE
SCALE _____
PHOTO ID. X-7



PERMIT NO. 63-10841

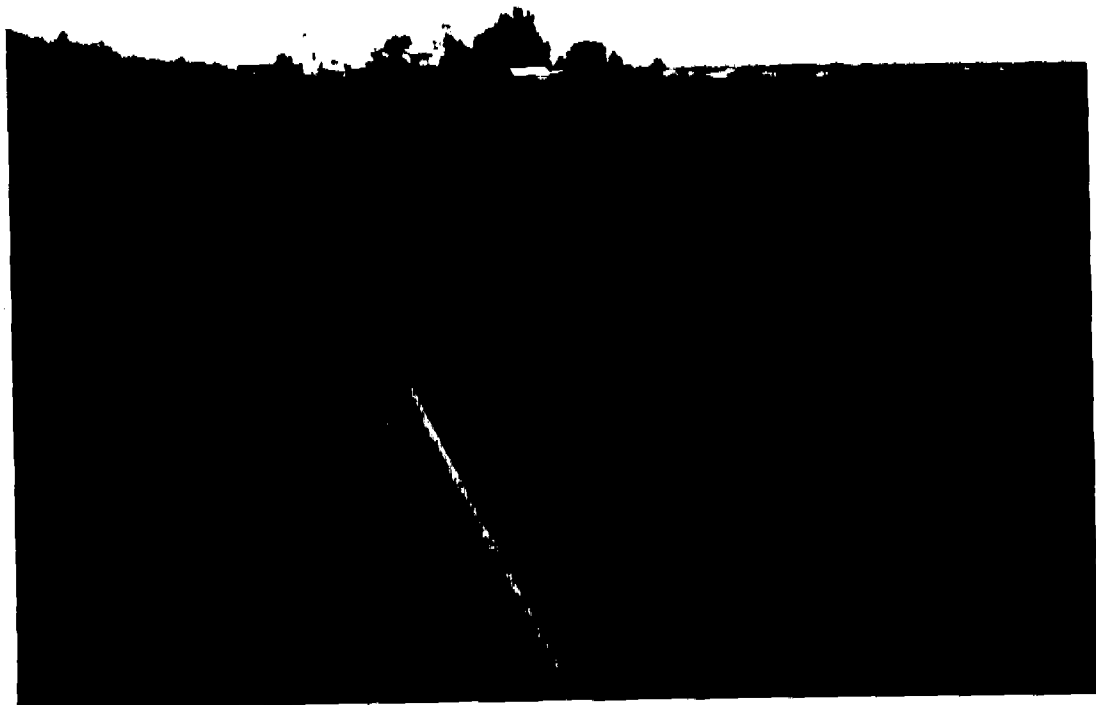
PHOTO #1

8-INCH WELL INSIDE 4 FT BY 6 FT WELLHOUSE, EQUIPPED WITH A $7\frac{1}{2}$ HP PUMP ON LEFT AND A $3\frac{1}{4}$ HP PUMP ON THE RIGHT (BOTH SUBMERSIBLE).



PHOTO #2

VIEW LOOKING SOUTH FROM NEAR WELL HOUSE, 3-INCH SUPPLY LINE FROM WELL.



JUN 25 1992

PERMIT NO. 63-10841 PHOTO #3
VIEW LOOKING SOUTH ALONG SPRINKLER LINE WITH 27
RAINBIRD 30WS HEADS, 5/32 ORIFICES, PRESSURE 25 PSI.



RECEIVED
JUN 25 1992

State of Idaho
Department of Water Resources
WELL INSPECTION FORM

This form should be completed by the examiner when conducting a field examination to determine the extent of beneficial use of water from a well or whenever a well is inspected for other reasons. The form should be forwarded to Groundwater Protection Section in the State Office upon completion.

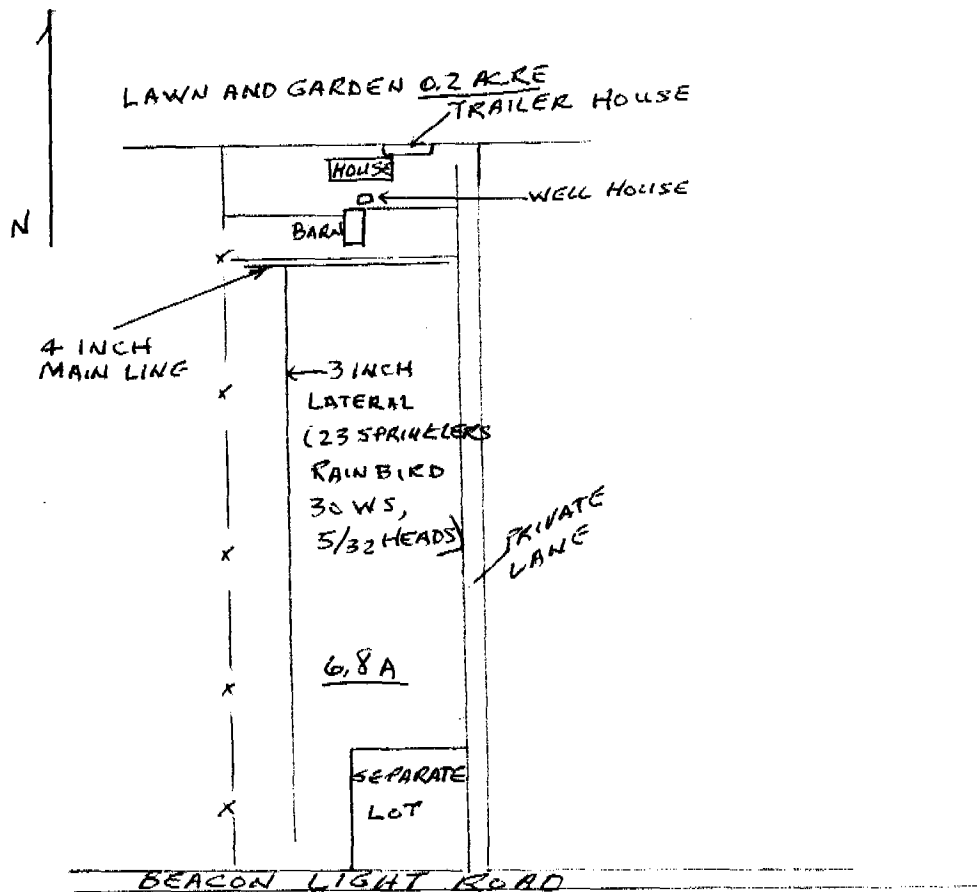
1. Legal Description of well location. Twp. 03N, Rge. 01W,
Sec. 34, Qtr./Qtr. SE SE or Lot _____
2. Owner ARTHUR HENDERSON
Address 6404 BEACON LIGHT RD., City EAGLE, State ID ⁸³⁶¹⁶
3. Approx. date of well construction _____
Well Driller _____
4. Casing: Diameter 8-INCH Condition GOOD
5. Casing length above land surface 13 INCHES
6. Well depth (ft) 90 Flowing NO Temp. 55°
Access port NO
7. Condition of piping and valving GOOD
8. Evidence of well seal NO
9. Shut in pressure or static water level ABOUT 46 FEET
10. Evidence of leakage around the casing NO
11. Does well need repair NO
12. Comments WELL EQUIPPED WITH A 7½ HP FIELD
IRRIGATION PUMP AND A ¾ HP DOMESTIC WATER
PUMP - BOTH SUBMERSIBLE.

(OVER)

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JUN 25 1992

SCHEMATIC

Provide a schematic diagram showing the location of the well in the quarter-quarter with respect to houses, roads, other wells or readily identifiable features.



Inspected by CLIFTON JOHNSON

Date APR 24, 1990

FILED
JUN 25 1992

March 9, 1990

ARTHUR F. HENDERSON
6404 BEACON LIGHT RD.
EAGLE, ID 83616

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 63-10841

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 WESTERN Regional Office in Boise at (208)334-2190.

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

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MAR 14 1990

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 63-10841

Date: 3-5-90

General Considerations:

- ☒ Name same as permit
☒ Signature the same as permit holder
☒ Address change If yes, prepare a data entry
☒ Proof received timely
 Reinstated

Source of Water:

- ☒ Surface water
☒ Groundwater
NO 1. well log in file 1972
NA 2. drilling permit
NA A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

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

Measuring Device:

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

Remarks:

Proof acceptable

Priority Calculation:

Date proof received

Date proof due

No. of days late

Priority date

NEW PRIORITY DATE

<u>NA</u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

RECEIVED

DEC 6 1989

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

For Office Use Only
Fee Received \$ 50.00
Date 12/6/89
Receipt # 4013336
Receipt by C. Wong
Reviewed by JS-13590
Sent to region

Department of Water Resources PROOF OF BENEFICIAL USE

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

Permit No. 63-10841

Name(s) of Permit Holder: Arthur F. Henderson

Post Office Address: 6404 Beacon Light Rd. Eagle, ID 83616

Telephone No. 286-7070

Source of Water: Groundwater

Extent of Use:

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

Irrigation 8 (acres) Other/Remark

Total rate and/or volume for which proof is submitted 0.20 cfs acre-feet

Show the date water was first diverted and beneficially used under this permit: 1972

Measuring Device: Required? Yes ✓ No Fee enclosed \$ 50.00
Installed? Yes ✓ No (See License Examination Fee Schedule)

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

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

Arthur F. Henderson 286-07070
(Name) (Telephone Number)

6404 Beacon Light Rd. Eagle, ID 83616
(Address)

The above information is my true statement of the extent to which the above numbers have been used and I relinquish any undeveloped portion of the permit to the state of Idaho.

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MAR 14 1990

12-6-89
Date

Arthur F. Henderson
Signature of Permit Holder (and title, if appropriate)

S T A T E O F I D A H O
D E P A R T M E N T O F W A T E R R E S O U R C E S

Statehouse
Boise, Idaho 83720
(208) 334-7900
October 6, 1989

ARTHUR F. HENDERSON
6404 BEACON LIGHT RD.
EAGLE, ID 83616

P E R M I T A P P R O V A L N O T I C E

RE: PERMIT NO. P63-10841

Dear Permit Holder:

Enclosed is a copy of your approved application for permit. We direct your attention to the conditions of approval on the final page.

You should be aware that the groundwater you propose to divert is located within a drainage basin where surface waters are regulated during the months of low flow. It is possible that diversion of groundwater may have an adverse impact on these surface water flows. Information available to us at this time does not warrant refusing to issue permits in your area, but we do caution that diversions of groundwater are not allowed to deplete flows available for surface water users with earlier priority dates. Siting your well as far from surface sources as possible and casing out upper water producing zones may reduce the potential of interference.

Section 42-235, Idaho Code, requires that a "drilling permit" must be obtained from the department for all wells constructed after July 1, 1987. A drilling permit is a separate permit that must be issued in addition to your permit to appropriate water. Commencement of well construction or diversion of water under your permit to appropriate water is prohibited unless a drilling permit is obtained.

We have enclosed 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 for your convenience is a form entitled "Proof of

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OCT 20 1989

Beneficial Use" that must be submitted to the Department when your project is completed. If development is complete, you may submit proof of beneficial use immediately.

Sincerely,

GARY SPACKMAN, Supervisor
Water Right Permits Section

GS: SC
Enclosures

MAILED 10/20/77

OCT 20 1977

Form No. 202a.
3/89

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPROPRIATION APPLICATION ANALYSIS SHEET

INITIAL REVIEW BY: CG DATE: 7-13-89 APPLICATION: 63-10841

REQUIRED INFORMATION

SL 7/21/89

- ☒ Name: (If applicant is a corporation or partnership, names and addresses for the director, officers, and other partners must be included.)
☒ Address:
☒ Source: (See USGS Quad for names of water sources)
☒ Point of Diversion: (10 acres for spring, lot & block descriptions for Subdivisions, local name)
☒ County:
☒ Quantity: (flow and/or volume)
☒ Period of use:
☒ Nature of proposed use: (Include description of use)
☒ Description of diverting works:
☒ Time required for beneficial use of water:
☒ Place of use or acres irrigated:
☒ Map:
☒ Signature: (If applicant is corp., partnership, or municipality, title of signatory is required)
☒ Fee:
☒ Yes ☐ No* In form to receipt:

Gov't. Lots:
N/A P/D
N/A P/U

ADDITIONAL INFORMATION

YES NO

- ☒ Overlapping place of use: (Describe source & relationship to present application on the back.)
☒ Overlapping point of diversion:
☐ Field check required: Field check by: _____
☐ Field report attached:
☒ Critical groundwater area:
☒ Groundwater management area:
☒ Diversion within interim protected river area
☒ Send dam safety information:
☒ Send power requirement letter:
☒ Send fish farm requirement letter:
☒ Power residency affidavit:
☒ Power efficiency form:
☒ Within trust water boundary: (If yes, attach Trust Water Supplementary Analysis Sheet.)
☒ Diversion greater than 5 cfs or 500 af: (If yes, attach Large Diversion supplementary analysis sheet.)
☒ *REQUEST ADDITIONAL INFORMATION FROM THE APPLICANT

DATE REQUESTED: _____

☒ Additional information on reverse side:

RECEIVED
SEP 01 1989

Department of Water Resources

PROCESSING

APPLICATION NO. _____

63-10841

YES NO

☒ ☒
☒ ☒
☒ ☒

In form for advertising:

Statewide advertising:

Fee amount, receipt number and date recorded on application:

SEND COPIES TO

YES NO

☒ ☒
☒ ☒
☒ ☒
☒ ☒

I.D. Health and Welfare

I.D. Fish and Game

I.D. Lands

Adjudication Bureau

YES NO

☒ ☒
☒ ☒
☒ ☒
☒ ☒

U.S. BLM

U.S. Forest Svc.

Water Dist. # _____

Other _____

FINAL REGIONAL PROCESSING REVIEW

YES NO

☒ ☒
☒ ☒

Affidavit of publication received:

Application published correctly: If not, record action taken.

☒ ☒
☒ ☒
☒ ☒
☒ ☒
☒ ☒
☒ ☒
☒ ☒

Publication dates and paper recorded on application:

Protests received. Final date for protest August 21, 1989

Protest dates, resolution of protest recorded on application:

Recommendations attached: Approve, DNR

Measuring device required:

Measuring port required:

Water delivered by water master? District # 63-PO5

Special conditions of approval or cover letter: _____

See below for additional information

Recommended Date or Priority 6/13/1989Recommended by: DNRDate 8/29/89

STATE OFFICE REVIEW

P05, P23P160460See below for additional information. By KWDate 9-26-89

ADDITIONAL INFORMATION

P.O.U. There are six other claims for the same legal land description No apparent relationship
 P.O.D. " Five "

63-10841

HENDERSON, ARTHUR F.
6404 BEACON LIGHT RD.
EAGLE, ID 83616

Source: GROUNDWATER

Diversion Pt: NESESE Sec 34 T 05N R 01W

Use: IRRIGATION (.160 CFS)
DOMESTIC (.040 CFS)

Date Filed: 6/13/1989

In: T05N R01W S34 SESE

8.0 ACRES TOTAL

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OCT 20 1989