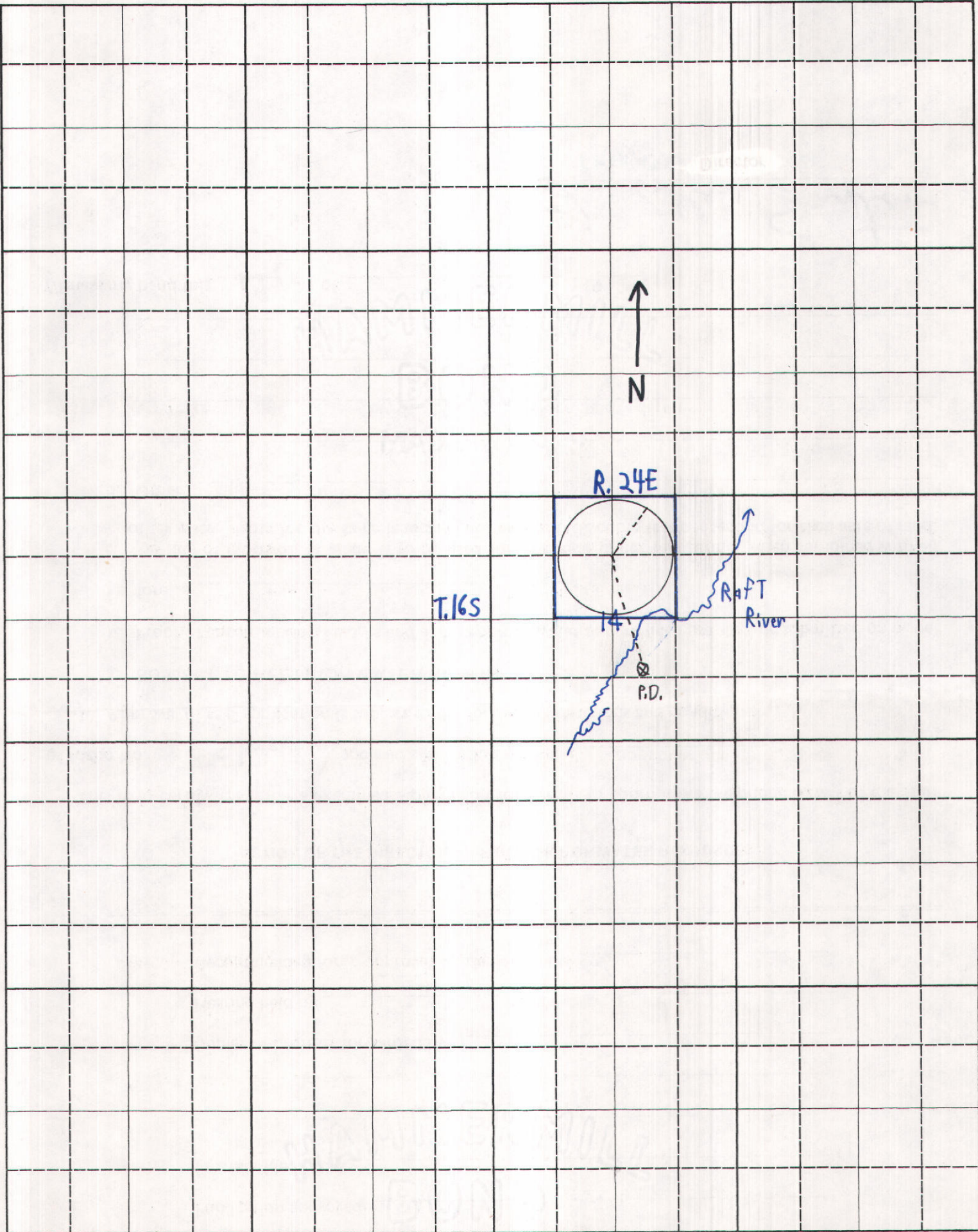


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

E. Bruce Dwyer
(Applicant)

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
STATE OF IDAHO) ss.

Danna Fitzhugh being first
duly sworn, deposes and says that She is the

clerk of the South Idaho
Press, a daily newspaper published at Bur-
ley, Idaho, in the county aforesaid and that
the paper is of general circulation therein.
Deponent further states that the printed no-
tice attached hereto was duly published
according to law in the regular editions of

The South Idaho Press for two
consecutive weeks, commencing with the issue
dated Aug 14 1979, and ending
with the issue dated Aug 21, 1979.

Danna Fitzhugh

Subscribed and sworn to before me
this 22nd day of Aug
1979.

Norman M. Peterson Notary Public

Cost of Publication \$19.27

Notary Fee \$19.27

Total Cost \$19.27

NOTARY PUBLIC RESIDING AT
RUPERT, IDAHO. MY COMMISSION
EXPIRES JUNE 21, 1981

RECEIVED

AUG 28 1979

Department of Water Resources
Bureau of Water Control

79-228

NOTICE OF APPLICATION FOR WATER RIGHT

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

43-7140

DURFEE, KENT &/or BRUCE, ELMO, ID 83312,
Source: GROUNDWATER, Priority Date:
07/27/1979, Amount: 3.20 CFS, Diversion Point:
NWSE Sec 14 T 16S R 24E, CASSIA Co., Use:
IRRIGATION (3.20 CFS) from 04/01 to 11/01,
Place of Use: NWNE SWNE NENW SENW Sec 14 T
16S R 24E FOR 160 ACRES, Diversion Means:
EXISTING WELL AND PUMP TO SPRINKLER SYSTEM.

45-7384

BINGHAM, STANLEY R., ROUTE 2 BOX 260,
BURLEY, ID 83318, Source: UNNAMED STREAM
tributary to MARSH CREEK, Priority Date:
07/20/1979, Amount: 3.00 CFS, Diversion Point:
NWSW SWSW, Sec 28 T 10S R 24E, CASSIA Co.,
Use: IRRIGATION (0.64 CFS) from 03/15 to
11/15, POWER (3.00 CFS) from 01/01 to 12/31,
FISH PROP. (3.00 CFS) from 01/01 to 12/31,
Place of Use: NWSW Sec 28 T 10S R 24E FOR 32
ACRES, Diversion Means: EARTH DAM, DITCHES TO
POND AND PUMP.

45-7383

WINWARD, NOLAN &/or ANN, BOX 24, ALBION,
ID 83311, Source: GROUNDWATER, Priority Date:
07/18/1979, Amount: 0.12 CFS, Diversion Point:
SESW Sec 07 T 12S R 25E, CASSIA Co., Use:
IRRIGATION (0.12 CFS) from 03/15 to 11/15,
Place of Use: SESW Sec 07 T 12S R 25E FOR 3
ACRES, Diversion Means: WELL, PUMP SPRINKLER
AND DITCHES.

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, 1041 Blue
Lakes Blvd. North, Twin Falls, Idaho 83301 and
received on or before AUGUST 31, 1979.

C. STEPHEN ALLRED
Director

Published in the South Idaho Press on August
14, 21, 1979.

MICROFILMED



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED

MAY 01 1987

Department of Water Resources

A. GENERAL INFORMATION

1. Owner: Kent And/or Bruce Durfee Permit No. 43-7140
Current Address: Almo IDAHO 83312 Phone No. 824-5566/824-5536
2. Accompanied by: Bruce Durfee EXAM. DATE: 7/22/86
Address: _____ Phone No. _____
Relationship to Permit Holder: SAME
3. Source: Groundwater tributary to _____

RECORDED
FILMED

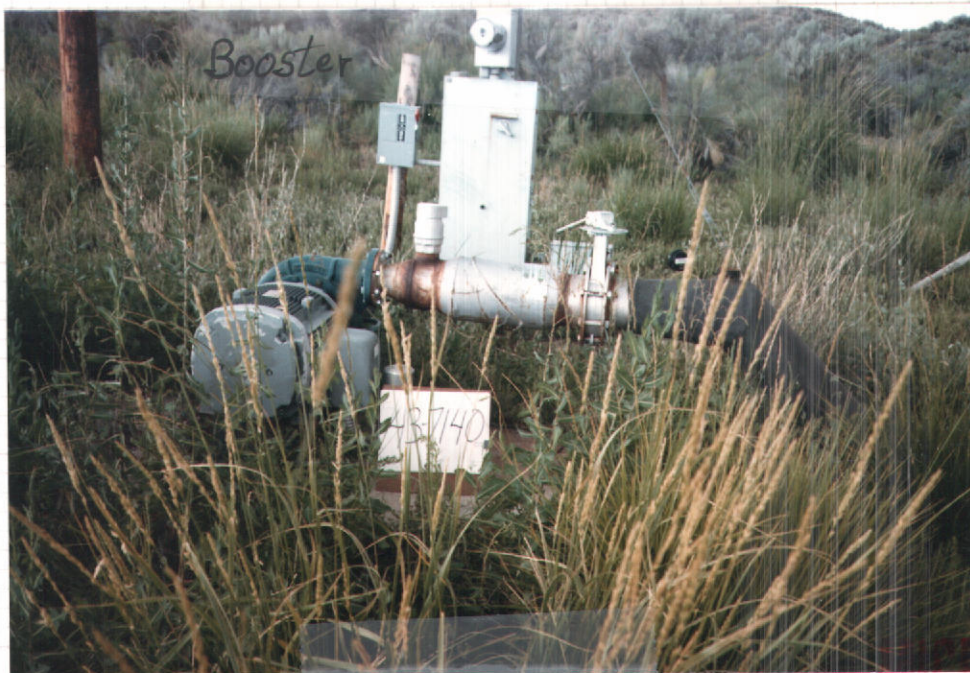
SEP 19 1989

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

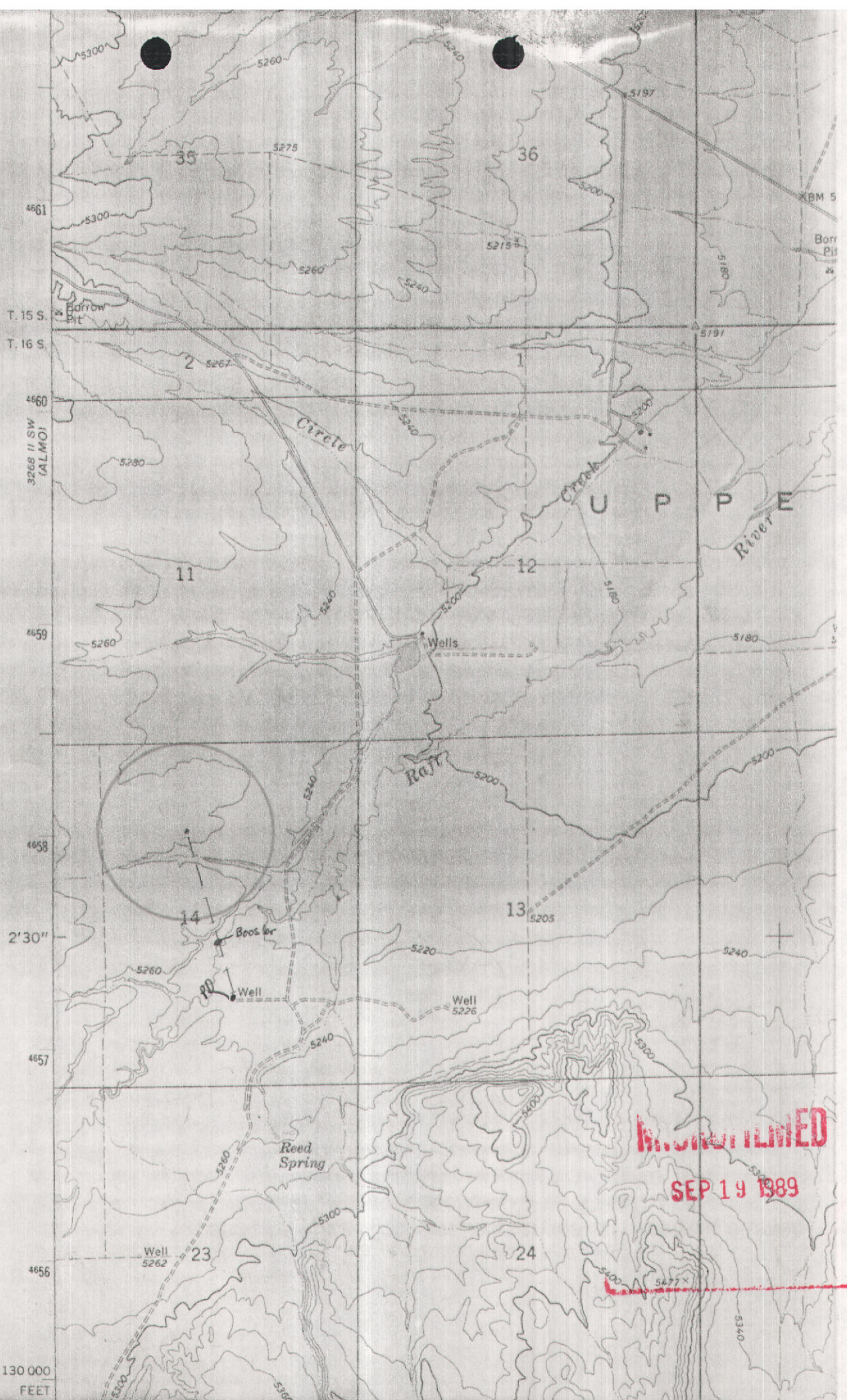


Scale: 1" = _____

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

RECORDED
FILMED

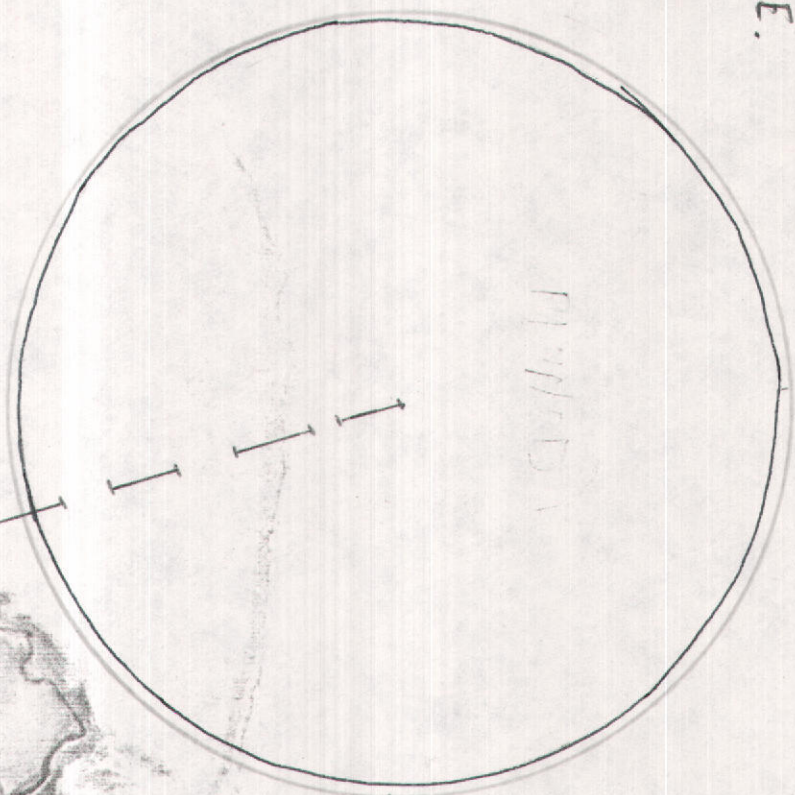
SEP 19 1989



10 11
15 14

T. 165 R24E.

14 13



E 252
T 1179

Booster

80

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SEP 19 1989

14 13
23 24

15. 14

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 43-07140

Priority: July 27, 1979

Maximum Diversion Rate: 2.00 CFS
Maximum Diversion Volume:¹ 462.0 AF

This is to certify, that KENT DURFEE
BRUCE DURFEE

P.O. BOX 181
ALMO, ID 83312

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated July 27, 1979; and has submitted Proof of Beneficial Use on September 19, 1984. An examination indicates that the works have a diversion capacity of 2.100 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	2.00 CFS	462.0 AF

LOCATION OF POINT(S) OF DIVERSION: NWSE, Sec. 14, Township 16S, Range 24E
CASSIA County

PLACE OF USE: IRRIGATION

<u>TWN RGE SEC</u>	<u>ACRES</u>	<u>ACRES</u>	<u>ACRES</u>	<u>TOTAL</u>
16S 24E 14	NWNE 33 SENE 33	SWNE 33	NENW 33	132

Total number of acres irrigated: 132

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 reflect cropping patterns or acceptable standards of water delivery 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. The maximum combined rate of diversion under this right & Right 43-2560 shall not exceed 2.1 cfs.

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SEP 19 1989

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE
WATER RIGHT NO. 43-07140

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 22ND
day of AUGUST, 1989.

Acting for *Ron C. Young*
R. Keith Higginson, Director

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SEP 19 1989

SEP 19 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

RECEIVED
APPROVED

To appropriate the public waters of the State of Idaho

Department of Water Resources
Southern District Office

1. Name of applicant Kent &/or Bruce Durfee Phone 824-5566 or 824-5536

Post office address Almo, Idaho 83312

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

3. Location of point of diversion is NW $\frac{1}{4}$ of SE $\frac{1}{4}$ of Section 14 Township 16S

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

4. Water will be used for the following purposes:

Amount 3.2cfs for irrigation purposes from Apr 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. 3.2 cubic feet per second and/or b. _____ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. Existing well and pump to sprinkler
system

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 14 inches; ~~proposed~~ depth of well is 400 feet.
Existing existing

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: _____

MICROFILMED

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

TWP	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
16S	24E	14		40	40		40			40									160

Total number of acres to be irrigated 160

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

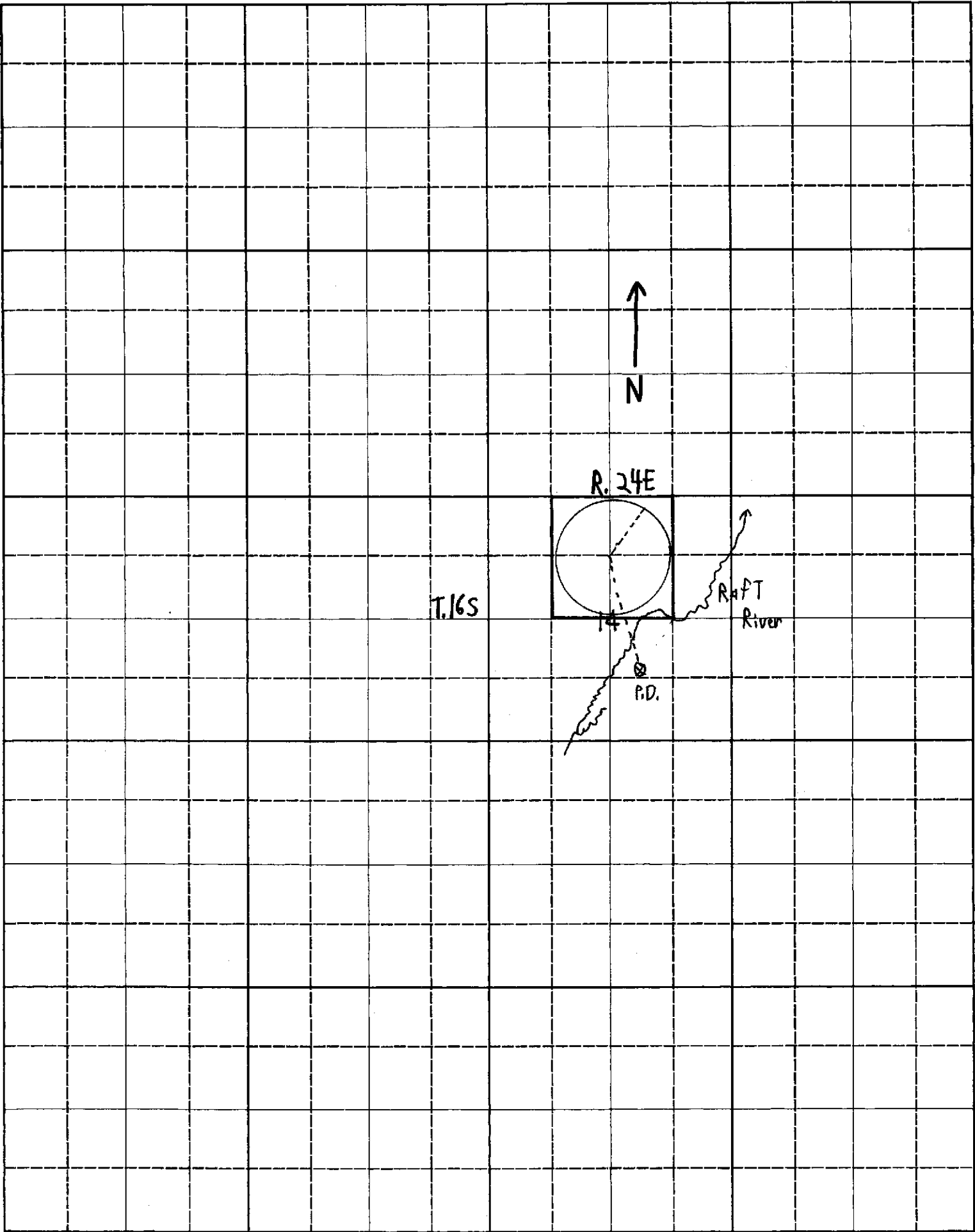
9. a. Who owns the property at the point of diversion Applicants

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 This well is already licensed under 43-2560 & Transfer 1935.

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.

E. Bruce Dwyer
(Applicant)

Proposed Priority

7/27/79

Received by ADM Date 7/27/79 Time 3:45 p.m.

Preliminary check by JS Fee \$ 65⁰⁰

Received by marva Date 7-27-79 # 13276

Publication prepared by marva Date 7/31/79

Published in South Idaho Press

Publication dates 8/14 + 8/21/79

Publication approved marva Date 8/23/79

Protests filed by: _____

Copies of protests forwarded by _____

Hearing held by _____ Date _____

Recommended for approval denial by LH Jim

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. 43-7140, 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 May 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: (1) 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 19 th day of May, 19 80.

L. Glen Saxton

RECEIVED

AUG 22 1979

SOUTH IDAHO PRESS

BURLEY, IDAHO

AFFIDAVIT OF PUBLICATION

County of Cassia,)
STATE OF IDAHO) ss.

Donna Fitzhugh being first
duly sworn, deposes and says that She is the

clerk of the South Idaho
Press, a daily newspaper published at Bur-
ley, Idaho, in the county aforesaid and that
the paper is of general circulation therein.
Deponent further states that the printed no-
tice attached hereto was duly published
according to law in the regular editions of

The South Idaho Press for two
consecutive weeks, commencing with the issue
dated Aug. 14 1979, and ending
with the issue dated Aug. 21, 1979.

Donna Fitzhugh

Subscribed and sworn to before me
this 23rd day of Aug.
1979.

Norman M. Peterson Notary Public

Cost of Publication \$19.27

Notary Fee _____

Total Cost \$19.27

NOTARY PUBLIC RESIDING AT
RUPERT, IDAHO. MY COMMISSION
EXPIRES JUNE 21, 1981

**NOTICE OF APPLICATION
FOR WATER RIGHT**

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

43-7140

DURFEE, KENT 8706 BRUCE, ELMO, ID 83312,
Source: GROUNDWATER, Priority Date:
07/27/1979, Amount: 3.20 CFS, Diversion Point:
NWSE Sec 14 T 16S R 24E, CASSIA Co., Use:
IRRIGATION (3.20 CFS) from 04/01 to 11/01,
Place of Use: NWNE SWNE NENW SENW Sec 14 T
16S R 24E FOR 160 ACRES, Diversion Means:
EXISTING WELL AND PUMP TO SPRINKLER SYSTEM.

45-7384

BINGHAM, STANLEY R., ROUTE 2 BOX 260,
BURLEY, ID 83318, Source: UNNAMED STREAM
tributary to MARSH CREEK, Priority Date:
07/20/1979, Amount: 3.00 CFS, Diversion Point:
NWSW SWSW, Sec 28 T 10S R 24E, CASSIA Co.,
Use: IRRIGATION (0.64 CFS) from 03/15 to
11/15, POWER (3.00 CFS) from 01/01 to 12/31,
FISH PROP. (3.00 CFS) from 01/01 to 12/31,
Place of Use: NWSW Sec 28 T 10S R 24E FOR 32
ACRES, Diversion Means: EARTH DAM, DITCHES TO
POND AND PUMP.

45-7383

WINWARD, NOLAN R. & ANN, BOX 24, ALBION,
ID 83311, Source: GROUNDWATER, Priority Date:
07/18/1979, Amount: 0.12 CFS, Diversion Point:
SESW Sec 07 T 12S R 25E, CASSIA Co., Use:
IRRIGATION (0.12 CFS) from 03/15 to 11/15,
Place of Use: SESW Sec 07 T 12S R 25E FOR 3
ACRES, Diversion Means: WELL, PUMP SPRINKLER
AND DITCHES.

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, 1041 Blue
Lakes Blvd. North, Twin Falls, Idaho 83301 and
received on or before AUGUST 31, 1979.

C. STEPHEN ALLRED
Director

Published in the South Idaho Press on August
14, 21, 1979.

NOT RECORDED

August 24, 1989

KENT DURFEE
BRUCE DURFEE
P.O. BOX 181
ALMO, ID 83312

RE: PERMIT NO. 43-07140

Dear Permit 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:sc

Enclosure

MICROFILMED

SEP 18 1989

MEMORANDUM

TO: FILE #43-7140

FROM: ROXANNE MCCARTHY

RE: CHANGES TO FIELD EXAM RECOMMENDATIONS

DATE: 13-DEC-1988

=====

This license must be limited to a 2.0 cfs maximum per the exam fee submitted.

In addition, the volume calculation is in error due to the use of incorrect irrigation season data. The correct volume is:

132 acres x 3.5 afa/acre = 462.0 afa

MICROFILMED

SEP 19 1989

POINT OF DIVERSION OVERLAP REVIEW

WR-NUMBER	TWP	RNG	SC	TRACT	LT	#SOURCE	#NAME
				1\4 1\4 1\4			
4307140	16S	24E	14	NW SE		GROUNDWATER	DURFEE, KENT
NO MATCHES FOR THIS POD							

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SEP 19 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

43-7140
Permit No.

Staff Analysis Sheet
for
Beneficial Use Field Report

RECEIVED
MAY 01 1987

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 TR 9/1/87 (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: _____

Check of P/U index TR 9/1/87 (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: _____

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 1/28/87 Terry E. Lane (Signature of examiner and date)
Exam Reviewed by Senior Water Resource Agent JS 2-4-87 (Initial and date)
Exam Reviewed by Manager of Regional Office JS 4/13/87 (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)

Tevoy,

10/1/86

I put this Collins tap in horizontally because
the butterfly valve was controlling the
flow symmetry in the horizontal plane
(ie, note the velocities on the 10 point
~ they pick up the highs and lows)

~ R. Wells

ELECTRIC UTILITY WATTHOUR METER INVENTORY, INSPECTION, & TEST RESULTS FOR THREE PHASE ELECTRIC SERVICE

Customer Name: Kent Dicker, System #3 Meter Location: T: 165, R: 24E, Sec.: 14
 Meter S.N.: 36, 131, 934 Agricultural: Single Motor Commercial: _____
 Account No.: 32034 Power Factor Correction (private): YES 7.5 KVAR, NO
 Device Voltage: 480 Meter - Pump Lightning Protection: YES No Surge, NO
 Demand Reading*: 3.3 Motor P.F. at full load^e: _____, Disk Time: 66^m SEC
 KWH Reading*: 11228 Motor P.F. at half load^e: _____, Disk REV.: 10^m REV
 PTR: 1 P.F.: .81^m (1-2), P.F.: .85^m (1-3), P.F.: .82^m (2-3)
 CTR: 1 Amp.: 44.5^m A(1-2), Amp.: 45.6^m A(1-3), Amp.: 44.5^m A(2-3)
 Multiplier: 10 Volt: 460^m V(1-2), Volt: 460^m V(1-3), Volt: 460^m V(2-3)
 K: 57.6 KW (dial): 3.3 KW Reading * X Multiplier 10 = _____^C KW
 Motor Make: GE KW (disk): 3.6 X REV X K X CTR X PTR X T⁻¹ = _____
 Motor Rating: 40HP, 480V " : 3.6 X 10 X 57.6 X 1 X 1 X 66 = 31.42^C KW
 Pump Rating: 480-40-4, 12 3/4 KVA: V^{av} X A X 1.732 = 460 X 45 X 1.732 = 35.852^C KVA
 Motor Speed: 1770 Power Factor: KW^{av} / KVA = 31.42 / 35.852 = .876^C

* without correction ^C calculated value ^m measured value ^e estimated from tables

NOTES: Sungano RA=34 1/2, 200CL
Two Shkrs, Mags Good

Inspector: Robin, Wells Date: 6/11/86 ☒ GOOD METER, ☐ BAD METER Errata (1 - .876 / .877) = .06

COPIES OF THIS REPORT ARE TO BE MAINTAINED IN THE FILES OF THE UTILITY DEPARTMENT

4A2, LR

6801 SEP 1989

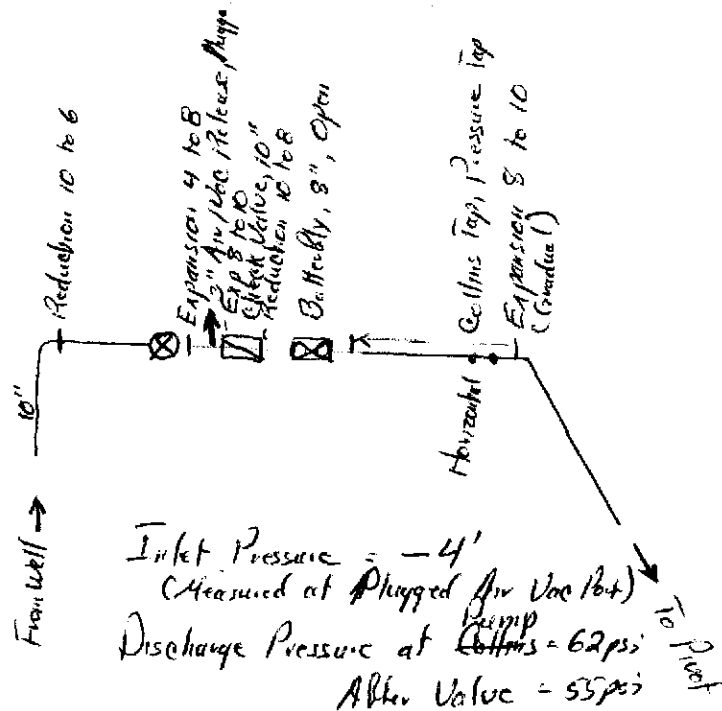
Ten Point Collms Flow Measurement

0.25	4.2	5.5
0.81	6.3	6.3
1.45	6.3	6.4
2.24	6.0	6.2
3.39	5.9	6.0
6.51	3.3	3.2
7.66	1.9	2.3
8.45	1.4	1.8
9.09	1.5	1.8
9.65	1.5	1.8
Total 30.1		

Average 4.005

$$D = 9.8 \quad A = .5238$$

$$Q = 2.098 \text{ cfs} = 942 \text{ gpm}$$



RECEIVED

SEP 19 1989

Well Pump



RECEIVED
MAY 01 1987

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

Department of Water Resources

A. GENERAL INFORMATION

1. Owner: Kent AND/or Bruce Durfee Permit No. 43-7140
Current Address: Almo IDAHO 83312 Phone No. 824-5566/824-5536
2. Accompanied by: Bruce Durfee EXAM. DATE: 7/22/86
Address: _____ Phone No. _____
Relationship to Permit Holder: SAME
3. Source: Groundwater tributary to _____

B. OVERLAP REVIEW

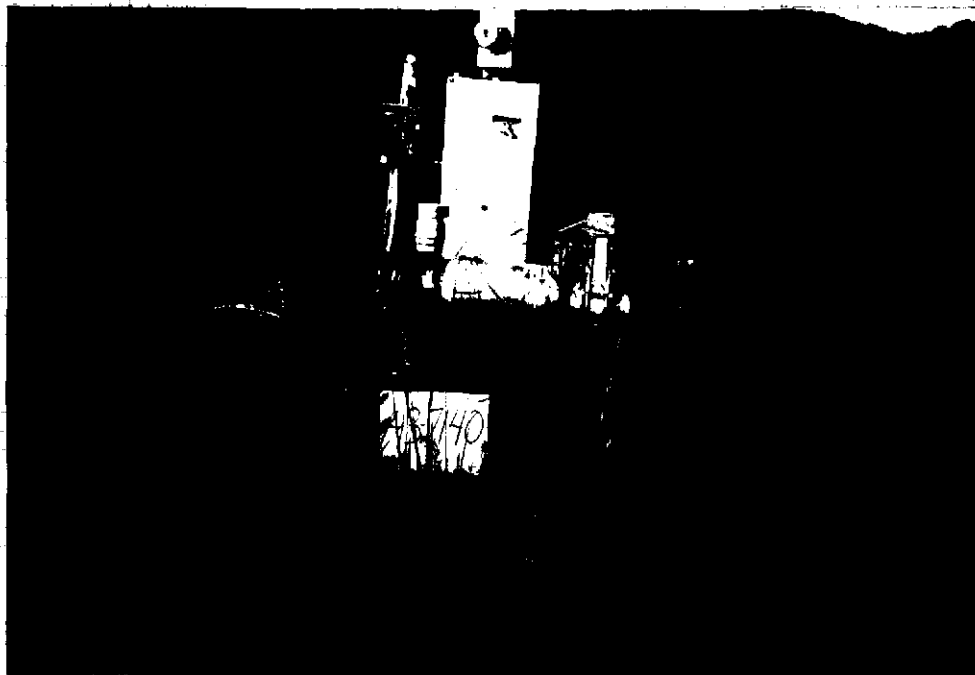
1. Other water rights with same place of use: NONE

☐ 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). ☒ 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).

SEP 19 1989

System Description (continued)

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

50 hp turbine pump delivers water from a 14' x 400' Well
to a 40 hp Centrifugal pump thence to a 7 tower
Valley Pivotal

☐ 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
Well Pump	U. S.	50	1065944	LAYNE & Bowler Vertiline	
Booster Pump	G. E.	40	5K324JL2293A	CORNEIL	mod 4RB-40-4 Ser # 41147/12-3/8

*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
			NW	SE	14	16S	24E	CASSIA	

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	
16S	24E	14		33	33		33			33									132

MICROFILMED

SEP 19 1989

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
		Collins				

2. Measurements:

Station	0.25	0.81	1.45	2.24	3.39	6.51	7.66	8.45	9.09	9.65
Vel. R	4.2	6.3	6.3	6.0	5.9	3.3	1.9	1.4	1.5	1.5
Vel. L	5.5	6.3	6.4	6.2	6.0	3.7	2.3	1.8	1.8	1.8
Total	80.2	Ave = 4.005	A = 1.52384	Q = 2.0978						

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

1. Measured Method:

10 ft Collins flow measurement made by Robin Wells for Ref. Electric

2. Alternate Method for Checking Purposes:

$\frac{8.8 \times 906P}{2.31 (62 \text{ psi}) + 160} = 2.61 \text{ cfs @ 100\% eff.}$ measured flow indicates an eff of 77% which is reasonable

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:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 132 \times 4 \frac{\text{AF}}{\text{ANN/AC}} = 528 \text{ AF/ANN}$

$V_{D.R.} = [\text{Diversión Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 891.4$

$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 528 \text{ AF/ANN}$

2. Volume Calculations for Other Uses:

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H. REMARKS AND OVERLAP REVIEW ANALYSIS

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	Apr. 1	Nov. 1	2.1	528 AFA/ANN
Totals:			2.1 cfs	528 AFA

2. Recommended Amendments

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

J. AUTHENTICATION

Field Examiner's Name TERRY G. BLAU
Signature Terry G. Blau
Certification Date _____
Field Report Preparation Date 1-28-87

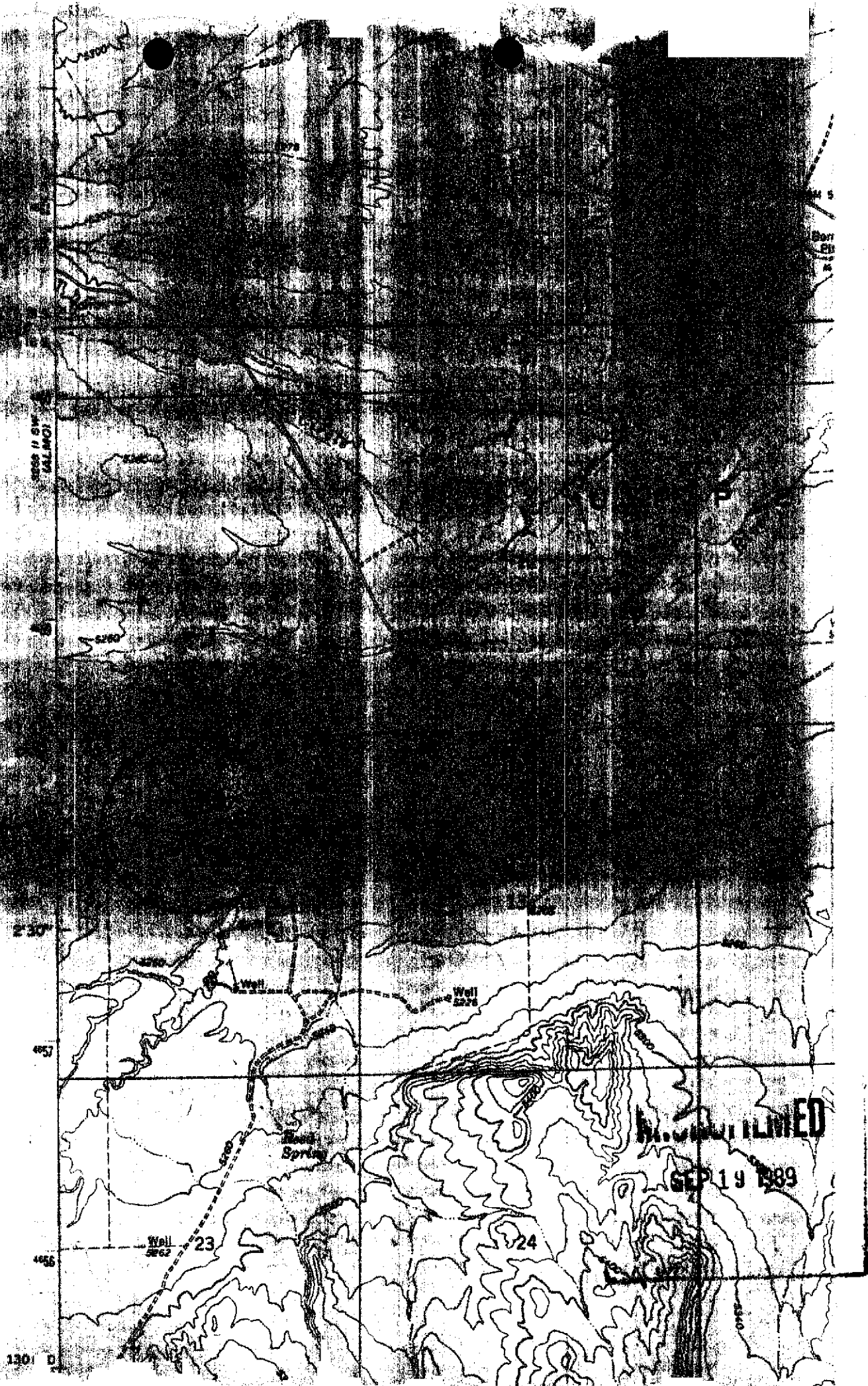
CONSULTANT SEAL

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

Royanne McElroy 12/12/88

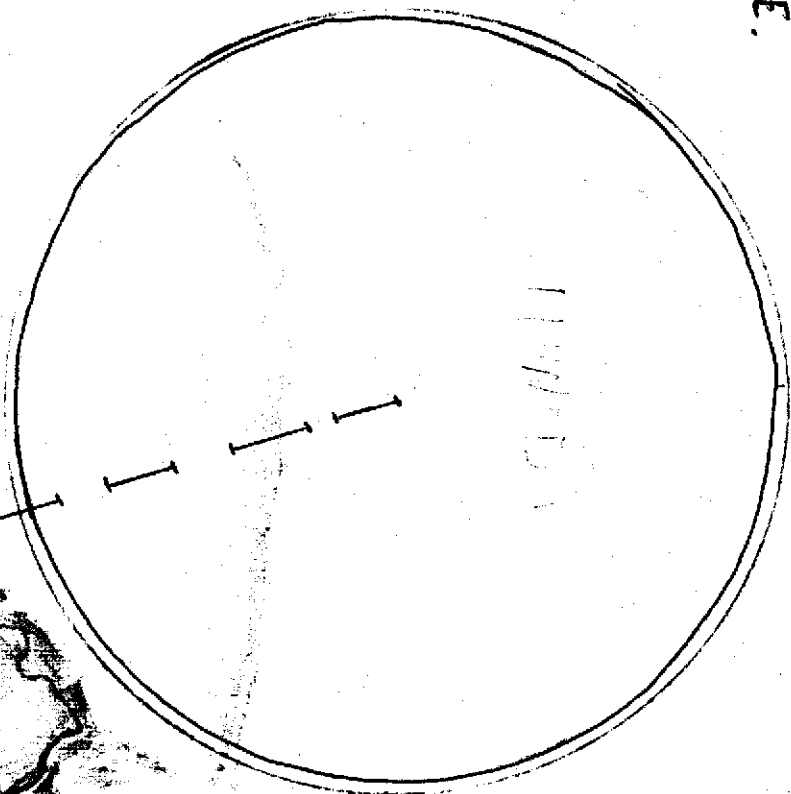
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SEP 19 1989



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Booster

PO

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SEP 14 1989

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

July 23, 1986

Kent &/or Bruce Durfee
Durfee Bros.
P.O. Box 181
Almo, ID 83312

Re: Permit No. 43-7140

Gentlemen:

Please find enclosed receipt No. 38631 in the amount of \$125.00 for examination fee received in this office 7/22/86 for the above referenced permit.

Very truly yours,

Mary A. Baldwin
Sec/Office Coord

Encl:

RECEIVED

SEP 19 1989

RECEIVED
4/86

JUL 22 1986

Department of Water Resources
Southern District Office

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EXAMINATION FEE INFORMATION

For Office Use Only
Fee Received 125.00
Date 7/22/86
Receipt # 38631
Receipt by M. Baldwin
Sent to S.O. 7/23/86

RECEIVED

JUL 25 1986

1. Permit No. 43-7140

ONE OF THE FOLLOWING BOXES SHOULD BE MARKED TO DESIGNATE YOUR CHOICE. Department of Water Resources

☒ 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: Kent AND/or Bruce Durfee

3. Post Office Address: P.O. Box 181, Alma ID 83312

Telephone No. 824-5566

4. Source of Water: Groundwater

5. Extent of Use:

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

Irrigation 135 (acres) Other/Remark _____

6. Total rate &/or volume for which proof is submitted 2 cfs _____ acre-feet

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

May 1983

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

Same As Above

(Name)

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SEP 10 1986

(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.)

Date July 22 1986

E. Bruce Durfee
Signature of Permit Holder (and title, if appropriate)

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
SOUTHERN REGION

John V. Evans
Governor

A. Kenneth Dunn
Director

1041 Blue Lakes Blvd. North
Twin Falls, Idaho 83301
(208) 734-3578

43-7140
DURFEE, KENT
DURFEE, BRUCE
P.O. BOX 181
ALMO, ID 83312

138063

August 12, 1986

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, but you may 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. **MISSING OF CERTIFIED WATER**

SEP 19 1986

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 office.

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

Sincerely,

Loren Holmes
LOREN HOLMES
Southern Regional Manager

Enclosures

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SEP 19 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd. N.
Twin Falls, Idaho 83301
(208) 734-3578

OCTOBER 30, 1984

KENT AND/OR BRUCE DUFEE
P.O. BOX 181
ALMO ID 83312

RE: Permit No. 43-7140

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 a measuring device which, according to the proof card submitted by you, has not been installed. A measuring device must be installed and operating at the time the field examination is made. If a measuring device is not installed your permit may be subject to cancellation.

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 734-3578 or in person at our office at 1041 Blue Lakes Blvd. N. Twin Falls, Idaho.

Sincerely,
s/Mary A. Newby
Secretary

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SEP 19 1989

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card as a statement that the permit holder(s) has completed development to the extent shown below. Permit No. 43-7140

Name(s) of Permit Holder: Kent +/or Bruce Durfee

Post Office Address: P.O. Box 181

Alma Idaho 83312 Tel. No. 824-5566

Source of Water: Ground water

Extent of Use:

☐ Domestic	(number of households)
☐ Stockwater	(number and type of stock)
☒ Irrigation <u>160</u>	(acres)
☐ Other	

Measuring Device:	Required?	☒ Yes ☒ No	Installed?	☐ Yes ☒ No
Access Port:	Required?	☐ Yes ☒ No	Installed?	☐ Yes ☐ No

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

Sept. 12, 1984 Date

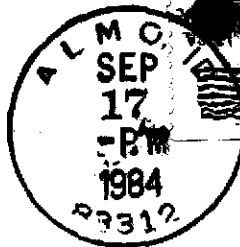
E. Bruce Durfee Signature of Permit Holder

MICROFILM

E. Bruce ~~Arfee~~

No. Box 181

Almo Idaho 83312



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SEP 19 1984



IDAHO DEPARTMENT OF WATER RESOURCES

~~Department of Water Resources~~
HOUSE

BOISE, IDAHO 83720

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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

WATER RIGHT
DATA ENTRY LOG

[illegible]

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-4440

DURFEE, KENT & BRUCE
ALMO, ID 83312

MAY 27, 1980

RE: PERMIT NO. 43-7140

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.

THE EXERCISE OF THIS PERMIT MAY ALSO BE AFFECTED BY THE COURT'S DETERMINATION OF WATER RIGHTS IN THE CASE OF IDAHO POWER COMPANY V. STATE OF IDAHO, ET AL., CIVIC NO. 62237, CURRENTLY PENDING BEFORE THE DISTRICT COURT OF ADA COUNTY. SINCE THE USE OF WATER UNDER YOUR PERMIT MAY AFFECT THE FLOWS IN THE SNAKE RIVER BETWEEN MILNER DAM AND HELLS CANYON, THE FINAL DECISION IN THIS CASE MAY DETERMINE TO WHAT EXTENT THE EXERCISE OF YOUR PERMIT IS SUBJECT TO WATER RIGHTS OF IDAHO POWER. WHILE THE ADA COUNTY COURT IS EXAMINING THIS QUESTION, IDAHO POWER COMPANY HAS NOT FILED A SPECIFIC PROTEST TO YOUR PERMIT. HOWEVER, THE DEPARTMENT OF WATER RESOURCES HAS BEEN ADVISED THAT THE POWER COMPANY IS NOT WAIVING ANY OF ITS RIGHTS TO CONTEST OR LIMIT THE EXERCISE OF YOUR PERMIT OR SUBSEQUENT LICENSE.

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

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ENCLOSURE

State of Idaho
Department of Water Resources

APPLICATION FOR PERMIT ANALYSIS SHEET

Durfee, Kent &/or Bruce

INITIAL REVIEW BY: Joe Stanton
CHECK:

APPLICATION NUMBER: 43-7140

- ☒ Source.
☒ Point of diversion.
☒ County.
☒ 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. 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: LH Map No. DD-80
☒ Yes ☐ No Other rights on same place of use. 43-2560 - no conflicting overlap
☒ Yes ☐ No* In form for advertising. _____
Final date for protests: 8/31/79
☐ Yes ☒ No Protests received. If yes, record information on 4th page of application.

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received. Date: 8/23/79
☒ 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? _____
7-27-79 Date of priority recommended.
Special conditions of approval or cover letter. _____

By: Loren O. Hansen Date: 9-10-79

STATE OFFICE REVIEW:

Correct item 1. & computer record
OIC
J.P.L. w/ OIC cond

- ☐ See attached sheet for more information.

By: Jim Date: 5/6/80

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SEP 12 1979
Department of Water Resources

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:

43-2148

DURFEE, KENT &/or BRUCE

ELMO, ID 83312

Source: GROUNDWATER

Priority Date: 07/27/1979

Amount: 3.20 CFS

Diversion Point: NWSE Sec 14 T 16S R 24E, CASSIA Co.

Use: IRRIGATION (3.20 CFS) from 04/01 to 11/01

Place of Use: NWNE SWNE NENE SENW Sec 14 T 16S R 24E FOR 160 ACRES

Diversion Means: EXISTING WELL AND PUMP TO SPRINKLER SYSTEM

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, 1041 Blue Lakes Blvd. North, Twin Falls, Idaho 83301 and received on or before AUGUST 31, 1979.

C. STEPHEN ALLRED

Director

Published 8/14 & 8/21/79.

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H I E I D H O
DEPARTMENT OF WATER RESOURCES
Southern Region

1041 Blue Lakes Blvd N.
Twin Falls, Idaho 83301
(208) 734-3578

JULY 31, 1979

South Idaho Press
P.O. Box 190
Burley, Idaho 83318

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 billing to this office before AUGUST 31, 1979.

Yours truly,

Mary A. Hill
Mary A. Hill
Secretary

Encl.

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