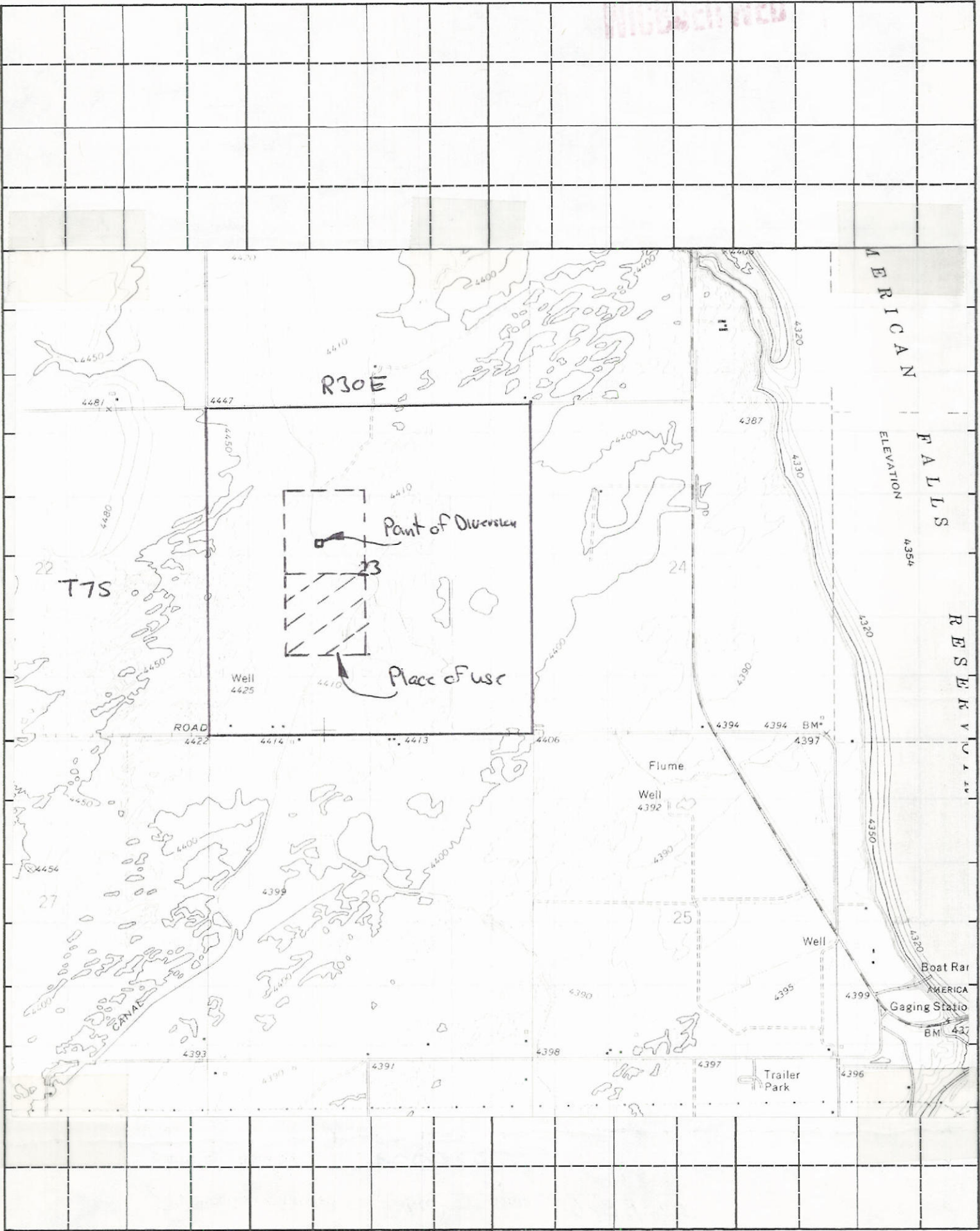


11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



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.

MICROFILMED

SEP 25 1989

David Bethke

(Applicant)

22

T22N

T2007

23 24

1-

37.1

#38

Russell Wynn
(D. Beehke)

HEL
37.2

Well

HEL
2-
6.0

39

5-
36.2

3

4

R35-072678 ✓

86 ACRES

R35-12685

T7S, R30E, S23

Scale $\approx \frac{1}{7920}$



S.W. Keen
12-30-93

14-
39.5

3-
65.2

T22S
Clarence
Tiller

21-
36.9

South Pleasant Valley Road

AUG 08 1995

22 23

23 24
26 27

NHEL
1- A.S.C.S.
105.2 K-11

R30E

77.3

77.7

2- NHEL
29.9

NHEL
3- 163

4- 7.8
T-2008

#456
David
Bethke

11- 52.4

22 23

A35-12685

1- 37.1

#45333
Russell Wynne
(D. Bethke)

POINT OF DIVERSION

R30E
T7S

1- HEL
37.2

35-08079

Place of Use

T.7S.

5- 36.2

34 acres

14- 39.5

HEL
3- 65.2

4- 25.4 acres

T-225
Clarence
Tilley
48

35-08079

21- 36.9

AUG 08 1956

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration
WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name David Bethke

Address American Falls, Idaho

Owner's Permit No. _____

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement

☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Test
☐ Municipal ☐ Industrial ☐ Stock

4. METHOD DRILLED

☒ Cable ☐ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

Diameter of hole 16 inches Total depth 260 feet

Casing schedule: ☒ Steel ☐ Concrete

Thickness	Diameter	From	To
<u>.250</u> inches	<u>16</u> inches	<u>+ 1</u> feet	<u>180</u> feet
<u>.250</u> inches	<u>14</u> inches	<u>175</u> feet	<u>260</u> feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was a packer or seal used? ☐ Yes ☒ No

Perforated? ☒ Yes ☐ No

How perforated? ☐ Factory ☒ Knife ☐ Torch

Size of perforation 3/4 inches by 2 inches

Number	From	To
<u>900</u> perforations	<u>175</u> feet	<u>260</u> feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☐ Yes ☒ No

Manufacturer's name _____ Model No. _____

Type _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet

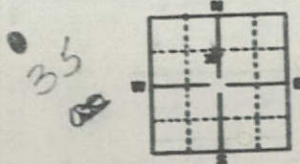
Diameter _____ Slot size _____ Set from _____ feet to _____ feet

Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal? ☒ Yes ☐ No To what depth 20 feet
Material used in seal ☐ Cement grout ☒ Puddling clay

6. LOCATION OF WELL

Sketch map location must agree with written location.



County Power

S.E. 1/4 Sec. 23 T. 7 N.S. R. 30 E.W.

7. WATER LEVEL

Static water level 73 feet below land surface

Flowing? ☐ Yes ☐ No G.P.M. flow _____

Temperature _____ ° F. Quality _____

Artesian closed-in pressure _____ p.s.i.

Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☐ Pump ☐ Bailer ☐ Other

Discharge G.P.M.	Draw Down	Hours Pumped

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water	
	From	To		Yes	No
16	0	7	Sandy Topsoil		x
16	7	25	Gray Lava		x
16	25	30	Lava & Brown Mud Broken		x
16	30	48	Solid Gray Lava		x
16	48	65	Broken Lava		x
16	65	100	Sand	x	
16	100	110	Blue Gray Clay		x
16	110	130	Sandy Clay		x
16	130	160	Sand		x
16	160	170	Clay		x
14	170	180	Sand Black		x
14	180	235	Lava Black	x	
14	235	240	Lava Cinder Black		x
14	240	260	Gravel	x	

18. Work started March 12, 1973 finished April 1973

11. DRILLER'S CERTIFICATION

This well was drilled under my supervision and this report is true to the best of my knowledge.

Paul Volkmann & Son

Driller's or Firm's Name

67
Number

Box 176 Aberdeen, Idaho 83210

Address

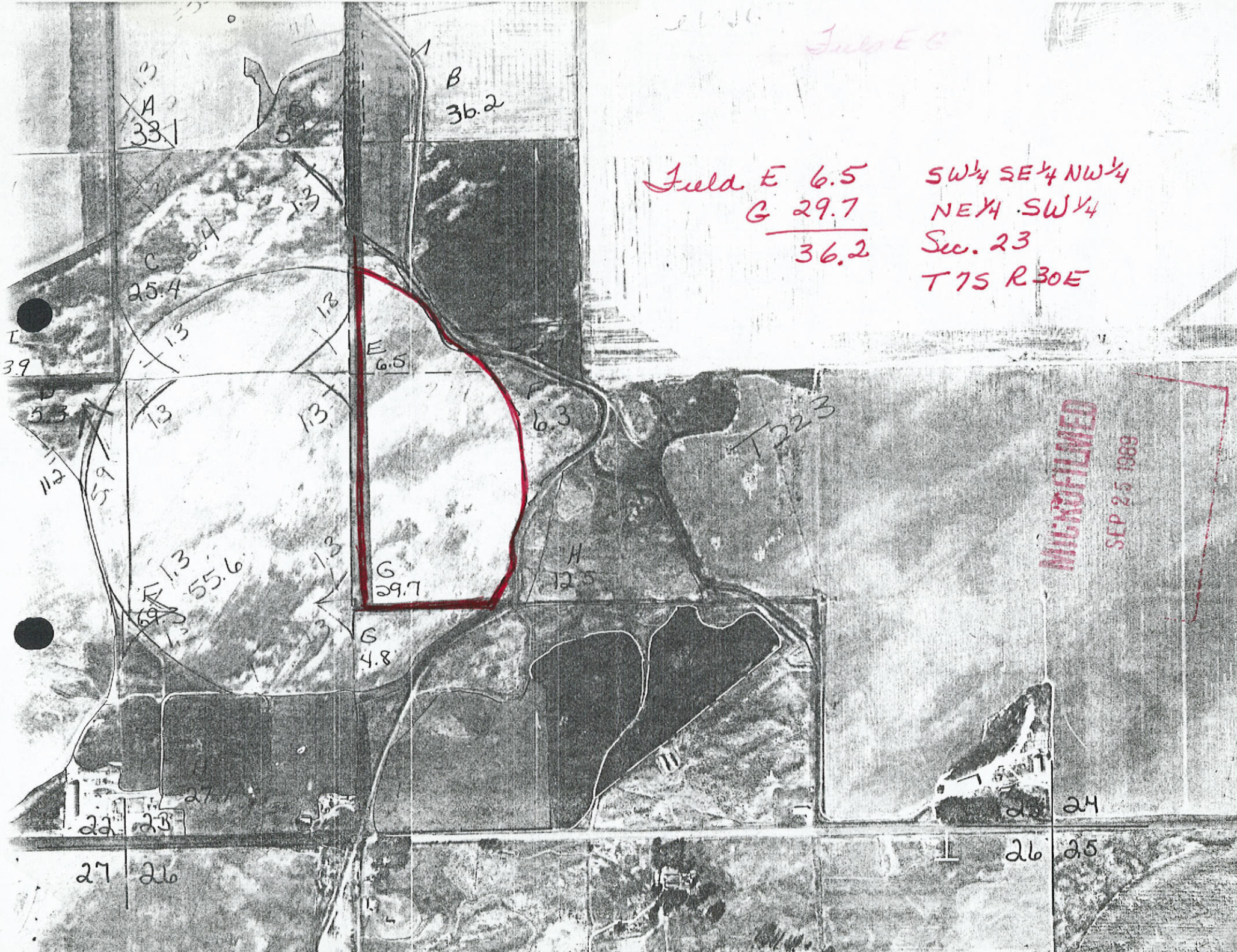
Paul Volkmann & Son 1-16-73

Signed by

Date

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT



Field E 6.5

Field E 6.5
G 29.7
36.2

SW¹/₄ SE¹/₄ NW¹/₄
NE¹/₄ SW¹/₄
Sec. 23
T7S R30E

MICROFILMED

SEP 25 1989

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 35-08079

Priority: January 17, 1983

Maximum Diversion Rate:

0.68 CFS

This is to certify, that DAVID BETHKE
3149 W RAST RD

AMERICAN FALLS ID 83211 has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated January 17, 1983; and has submitted Proof of Beneficial Use on October 30, 1989. An examination indicates that the works have a diversion capacity of 2.590 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 10/31	0.68 CFS	

LOCATION OF POINT(S) OF DIVERSION: SENW , Sec. 23, Township 07S, Range 30E
POWER 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>
07S	30E	23	NESW	34		34

Total number of acres irrigated: 34

CONDITIONS/REMARKS:

1. This water right is appurtenant to the described place of use.
2. This right is subject to all prior water rights and may be forfeited by five years of non-use.
3. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
4. The use of water under this right shall not give rise to any claim against the holder of a senior water right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
5. The Director retains jurisdiction of the right to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
6. The right holder shall use the full allotment of appurtenant surface water rights in conjunction with groundwater diverted under to this right.
7. Right 35-07267 is also diverted through the point of diversion described above.
8. This right when combined with all other rights shall provide no more than .02 cfs per acre nor exceed a combined annual diversion volume of 136 af for the lands above.

AUG 08 1995

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

WATER RIGHT NO. 35-08079

CONDITIONS/REMARKS:

9. This right to divert groundwater shall not be used if the surface water right(s) appurtenant to the place of use is sold, transferred, leased or used on any other place of use without the approval of the Department.

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 19TH day of July, 1995.

Acting for


KARL J. DREHER, Director

AUG 08 1995

Form 217
03/86

RECEIVED
OCT 30 1989
Department of Water Resources
STATE OF IDAHO

For Office Use Only
Fee Received 100.00
Date 10-31-89
Receipt # 6612593
Receipt by D. H.
Reviewed by [Signature]
Sent to region 12-11-89

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. 35-08079

Name(s) of Permit Holder: David Bethke

Post Office Address: 3149 West Rd

Am. Falls, Idaho 83211

Telephone No. 226-2709

Source of Water: Ground water well

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation 40 (acres)

Other/Remark _____

Total rate and/or volume for which proof is submitted 0.80 cfs _____ acre-foot

Show the date water was first diverted and beneficially used under this permit: 1974

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

Fee enclosed \$ _____
(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:

David Bethke
(Name)

226-2709
(Telephone Number)

3149 West Rd
Am. Falls, Idaho, 83211
(Address)

The above information is my true statement of the extent to which the above numbered permit has been developed and I relinquish any undeveloped portion of the permit to the state of Idaho.

MAIL ROOM

FEB 14 1990

Oct 26, 1989
Date

David Bethke
Signature of Permit Holder (and title, if appropriate)

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 35-08079

Proposed Priority: January 17, 1983

Maximum Diversion Rate:

0.80 CFS

This is to certify, that **DAVID BETHKE**
3149 RAST RD.
AMERICAN FALLS, ID 83211

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	04/01 to 10/15	0.80 CFS

LOCATION OF POINT(S) OF DIVERSION:

SENE Sec. 23, Township 07S, Range 30E
POWER 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>
07S	30E	23	NESW	40		40

Total number of acres irrigated: 40

CONDITIONS/REMARKS:

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **October 1, 1990**.
2. Subject to all prior water rights.
3. The right to the use of water acquired under this permit shall not give rise to any right or claim against the holder of a senior right based upon the theories of forfeiture, abandonment, adverse possession, waiver, equitable estoppel, estoppel by laches or customary preference.
4. The Director retains jurisdiction of the permit and any license subsequently issued to incorporate the use into a water district, require streamflow augmentation or other action needed to protect prior surface water and groundwater rights.
5. Permit holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code.
6. Prior to the diversion of water under this permit a flow measurement port or other device as specified by the Department shall be installed to provide for the installation of measuring equipment and the determination of the rate of diversion by the Department.
7. 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.

MICROFILMED

SEP 20 1989

State of Idaho
Department of Water Resources

Permit To Appropriate Water

NO. 35-08079

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

25th day of September, 1989

for *R. Keith Higginson*
R. Keith Higginson, Director

SEP 25 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

1. Name of applicant David Bethke Phone 226-2709

3149 Rast Rd.
Post office address Box 59 American Falls, ID 83211

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

3. Location of point of diversion is SE $\frac{1}{4}$ of NW $\frac{1}{4}$ of Section 23 Township 7S

Range 30E B.M. Power County, additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.80 for Irrigation purposes from 4-1 to 10-15 (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. 0.80 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/pump to sprinkler lines. P.D. is same one used for license 35-7267

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 250 feet.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 2 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

SEP 25 1989

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	
7S	30E	23									40								40

Total number of acres to be irrigated 40

c. Describe any other water rights used for the same purposes as described above. 35-7267 is used from same point of diversion

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

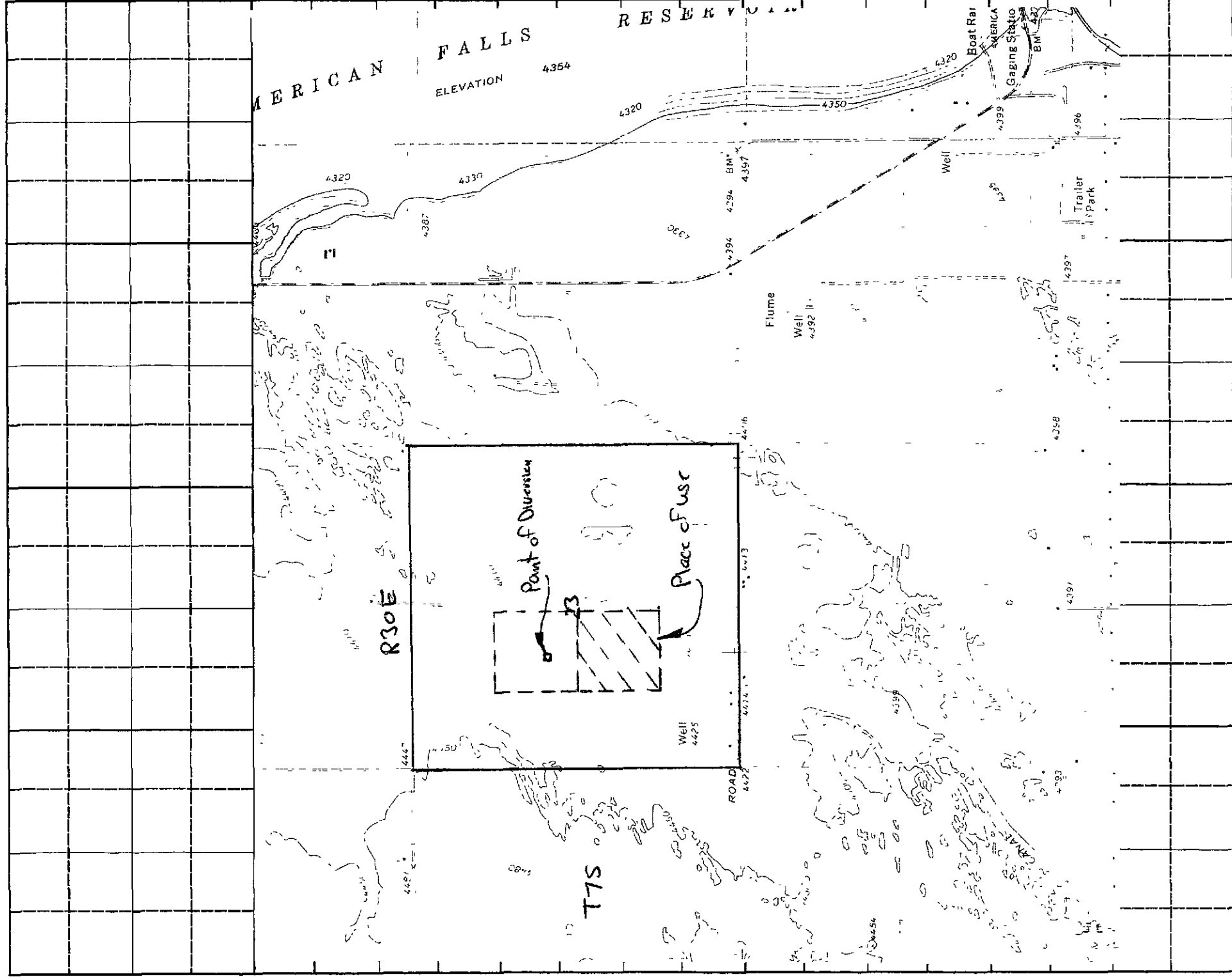
b. Who owns the land to be irrigated or place of use Applicant

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

10. Remarks The above place of use has been irrigated from the P.D. listed since June 1983.

MICROFILMED
SEP 25 1983

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.

MICROFILMED

Darrell B. Biddle

(Applicant)

SEP 23 1989

Assist by HWT
Received by AW Date 1-17-83 Time 3:05 p
Preliminary check by KAW Fee \$ 45.00
Received by CW Date 1-18-83 # 23310
Publication prepared by RB Date 7-6-89
Published in Lower County Press
Publication dates _____
Publication approved CW Date 7-24-89
Protests filed by: none

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by HWT

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. Other:

MICROFILMED

SEP 25 1989

Affidavit of Publication

State of Idaho

County of Power

Erma Crompton being first duly sworn on oath, states:

That she is the publisher of The Power County Press, a newspaper of general circulation in Power County, Idaho, published weekly at American Falls in said county, that said newspaper has been published in said county uninterruptedly and continuously for over seventy-eight consecutive weeks, prior to the first publication of the annexed notice or advertisement:

That the annexed notice or advertisement was published as per clipping attached in the regular and entire edition of said newspaper and not in any supplement thereof for 2 successive weekly issues thereof, the date of the first publication being the 5 day of July 1989 and the date of last publication being the 12 day of July 1989.

(Signed)

Erma Crompton

State of Idaho

County of Power

On this 17 day of July in the year of 1989, before me, a Notary Public, personally appeared Erma Crompton, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.

Brett Crompton

Notary Public for Idaho

Residing at American Falls, Idaho

My commission expires: June 8, 1993

RECEIVED

JUL 18 1989

Department of Water Resources
Eastern District Office

MICROFILMED

SEP 25 1989

Notice of application

Published in The Power County Press July 5 and 12, 1989.

NOTICE OF APPLICATION FOR WATER RIGHT

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

35-08079
BETHKE, DAVID
BOX 59
AMERICAN FALLS, ID 83211

Source: GROUNDWATER
Diversion Pt: SENW Sec 23 T 07S R 30E
Use: IRRIGATION (.800 CFS)
Date Filed: 1/17/1983
In: T07S R30E S23 NESW
40.0 ACRES TOTAL

35-08093
WHITNAH RANCES, INC.
RR 1 BOX 17
AMERICAN FALLS, ID 83211

Source: GROUNDWATER
Diversion Pt: NESW Sec 9 T 08S R 29E
Use: IRRIGATION (2.950 CFS)
Date Filed: 2/04/1983

In: T08S R29E S09 NWNE NENW
NWNW SWNW
SESW NESW NWSW SWSW SESW

287.0 ACRES TOTAL

35-08104
FUNK & POVEY FARMS
RT. 1 BOX 132A
AMERICAN FALLS, ID 83211

Source: GROUNDWATER
Diversion Pt: NWNE Sec 10 T 07S R 30E
Use: IRRIGATION (1.800 CFS)
Date Filed: 2/25/1983
In: T07S R 30 E S03 SWSE SESE
S10 NENE NWNE SWNE SENE
240.0 ACRES TOTAL

The permit(s) will be subject to all prior water rights. Protest may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho 83402 on or before JULY 24, 1989.

R. Keith Higginson, Director



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

July 20, 1995

DAVID BETHKE
3149 W RAST RD
AMERICAN FALLS ID 83211

RE: WATER RIGHT NO. 35-08079

Dear Water Right Holder(s):

Enclosed is a copy of the Water Right License issued on the above referenced permit. If you have any questions, please contact me within 10 days of receipt of this license.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SK:rl

Enclosure

RECEIVED
AUG 08 1995

M E M O R A N D U M

DATE: July 14, 1995

TO: File 35-08079

FROM: Shelley W. Keen *SWK*

RE: Point of diversion overlap and diversion rate

=====

In 1993 I conducted a review of claim A35-07267 for the Snake River Basin Adjudication. Right 35-07267 was licensed was licensed in 1976 for 2.45 cfs to be diverted from a well in the SENW, S23, T7S, R30E, the same well serving right 35-08079. During my review I discovered that a large portion of the land licensed under 35-07267 is being served by a different well and has been since 1978. Therefore, the SRBA recommendations for 35-07267 are that the right should be split into A and B portions, with the 35-07267B as the portion still diverted from the original well. Because the original well is serving far fewer acres under 35-07267 than it used to, there is plenty of capacity left over to serve 35-08079. Therefore, 35-08079 can be licensed for 0.02 cfs per acre.

Remark No. 7 on the license for 35-08079 will say that the well is shared by 35-07267, not 35-07267B, only because the split of the right has not yet been decreed.

I have attached a map depicting my SRBA findings for 35-07267B.

FILED
AUG 08 1995

22

1224

37.1

T-2017

#38

Russell Wynn
(D. B. & K. Co.)

57.2

23

39

36.2

R35-072678

86 ACRES

R35-12685

T7S, R30E, S23

Scale $\approx \frac{1}{7920}$



S.W. Keen

12-30-93

Hill

3-

65.2

14-

39.5

21-

36.9

South Pleasant Valley Road

22 23

26

24

LICENSE REVIEW

Cindy Zimmerman

Permit #: 35-8079 Name: Bethke Date: 7/11/95
App Rcd 1/17/83 Priority 1/17/83 Examined 7/9/91 ✓ Lots ✓

NAME Chng OK ✓ Or Address Change? 3149 W. East Rd

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

P/D Amendment Needed? ✓ -P39, P38
Overlap(s) 35-7267 for 137A

P/U Amendment Needed? ✓ reduce to 34A NESW -P41, P38
Overlap(s) surface canal water
*P/D & P/U Amend? P37, P38
(See paragraph list for governmental agencies)

RATE Permit/fee limits: ✓ 0.80 / 0.80
Measured Q=2.59 cfs Theoretical Q= cfs
2.59 capacity = 171A total system = 0.015 cfs/A x 34 A = 0.51 cfs thus permit
(HP) $\frac{8.8 \times 0.70 \times 100}{73 + (2.31 \times 75)} = \frac{646}{246.15} = 2.59$
Recommended capacity 2.59 cfs
Recommended rate 0.51 cfs

VOLUME Season of Use: (C) ✓ 4/1 - 10/31 = 214 days
Calculations:
 $34 A \times 4.0 AF/A = 136.0 AF$
Flow limit: $0.51 \times 214 \times 1.9835 = 216.5 AF$
Recommended volume 136.0 AF

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

REMARKS Multiple p/d's in 1/4? _____
✓ ① W81/35-87267/2.59 cfs.

CONDITIONS Measuring (R01)/Locking (R02) Devices
Watermaster Control (R04) - WD # _____
R31 Irrigation rate/volume overlap
065 Irrigation water overlap (065) (If gw use sw)
✓ Water Quality/Other 048, 049

PRIORITY Due 10/1/96 Rc'd 10/31/89 Receipt# 6012593 Fee OK? Yes/No
Order to Reinstate Needed? Yes/No Done? _____
If Yes, Advanced? Yes/No to: _____

COMMENTS: _____

USE	CFS	DIV VOL	Adjustment Memo
<u>irr / 34A</u>	<u>0.51</u>	<u>136.0</u>	LICENSE: <u>P49</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>	#1 AMEND LTR: <u>P46</u> or
<u>_____</u>	<u>_____</u>	<u>_____</u>	<u>P39/P41/P37 & P38</u>
<u>TOTAL</u>	<u>0.51</u>	<u>136.0</u>	#2 AMEND LTR: <u>P42/P47</u>

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

RECEIVED
DEC 1 1994
Department of Water Resources

35-8079

A. GENERAL INFORMATION

1. Owner: David Bethke
Current Address: 3149 W. Rust Rd

Permit No. A35-12685

Phone No. 206-2709

2. Accompanied by: David Bethke

EXAM. DATE: 7-9-91

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: 35-7267

☐ Copies Attached

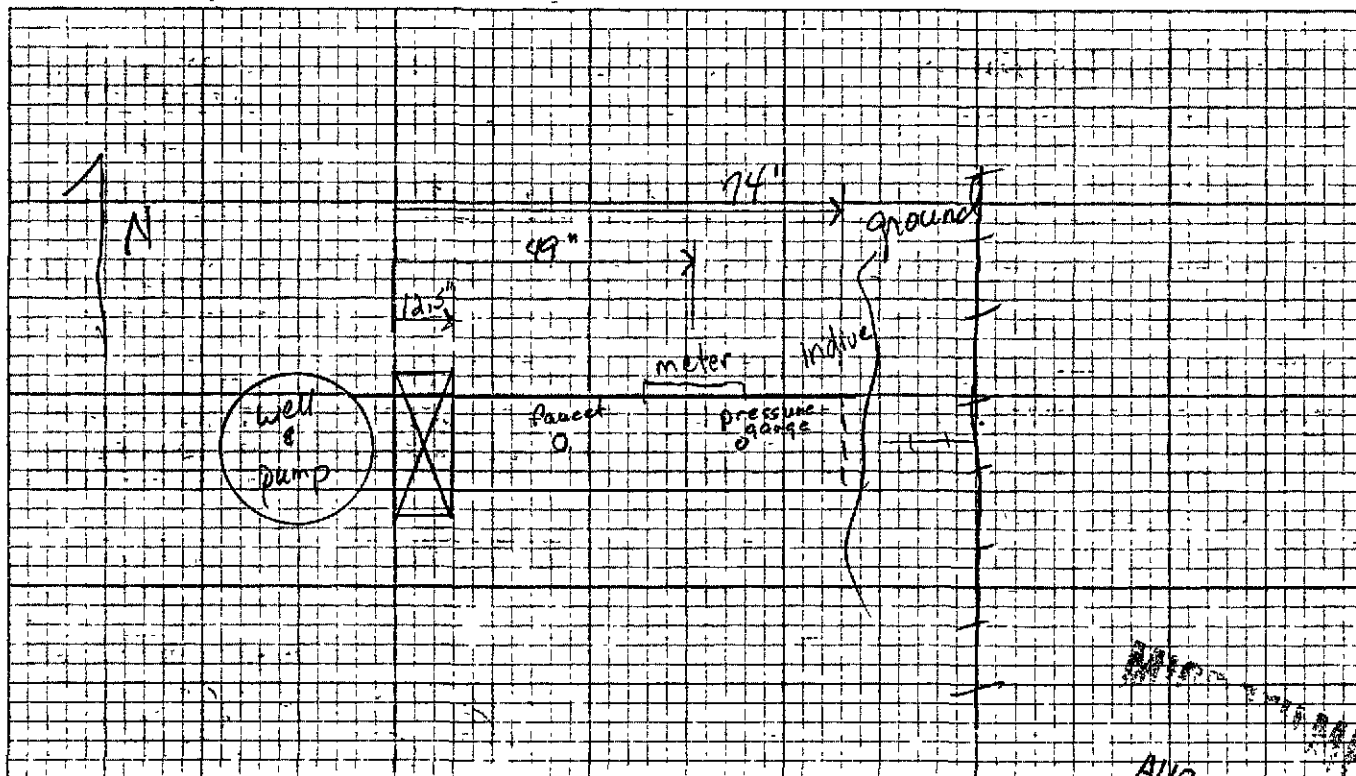
2. Other water rights with same point of diversion: 35-7267, 35-8079, A35-12685

☐ Copies Attached

☐ Copies of Field Exam's Attached

C. SYSTEM DESCRIPTION

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



Scale: 1" = _____

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

☐ Photo of Diversion and System Attached

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

☐ Aerial Photo Attached

(required for irrigation of 10 acres or more).

AUG 08 1995

12.73
2.83

System Description (continued)

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

well, pump to mainline to center pivot (w/ end gun) &
3 wheel line w/ 32 birds @ \$32 maybe.
(* at time of measurement only one wheel line was on. One was
broken, other line is finished w/ set.)
(* Bowls on pump badly worn & will be pulled & rebuilt this
summer - accord to David.)

☐ 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
	Hollasht	100	C2942-01-272-1	Berkley Vertical Turbine	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
		NE	SE	NW	23	7S	30E	Forwa	field exam

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	
7S	30E	23									34								34

MICROFILMED

AUG 08 1995

Do not use this space

D. FLOW MEASUREMENTS

☐ Additional Data Sheets Attached

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
pressure gauge		Junk			0.160	
Ultra Sonic flowmeter	Omni-Style	PolySonic	TF-P		8m	Y

2. Measurements:

pressure 15 psi.
static depth - well log 13'

E. FLOW CALCULATIONS

☒ Additional Computation Sheets Attached

- Measured Method: Sonic meter @ 1163 gpm or 2.59 cfs For entire system.
- Alternate Method for Checking Purposes:

F. PUMP EFFICIENCY DATA (Optional)

Discharge Pressure: _____ psi x 2.31 = _____ ft (1); Dynamic pumping level: _____ ft (2)
Total Head: (1) + (2) = _____ (3); Flow rate: _____ cfs (4)

Water HP: (3) x (4) ÷ 8.8 = _____ (5)
Meter Input KW: 3.6 x _____ KH x _____ CTR or _____ MULT x _____ PTR x _____ N/ _____ T = _____ (6)
Meter Input HP: (6) x 1.34 = _____ (7)
Panel Input KW: _____ Ave PF x _____ Ave Volts x _____ Ave Amps x .001732 = _____ (6)
Panel Input HP: (6) x 1.34 = _____ (7) Efficiency: (5)/(7) x 100 = _____ %

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 34 \text{ acres} \times 4 \text{ af} = 136 \text{ af}$
 $V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = 0.51 \text{ cfs} \times 214 \text{ d} \times 1.9835 = 216.5 \text{ af}$
 $V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 136 \text{ af}$

2. Volume Calculations for Other Uses:

AUG 08 1995

H. REMARKS AND OVERLAP REVIEW ANALYSIS

Entire system irrigates 171 acres @ 2.59 cfs; $2.59 / 171 \text{ acres} = 0.015 \text{ cfs/acre}$

34 acres under this permit $\times 0.015 \text{ cfs} = 0.51 \text{ cfs}$

This will be conditioned that when used in conjunction with 35-07267, total cfs will not exceed 2.59 cfs.

I. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	4-1	10-31	0.51 cfs	136 afa
Totals:			0.51 cfs	136 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 Gary Burr

Signature _____

Certification Date _____

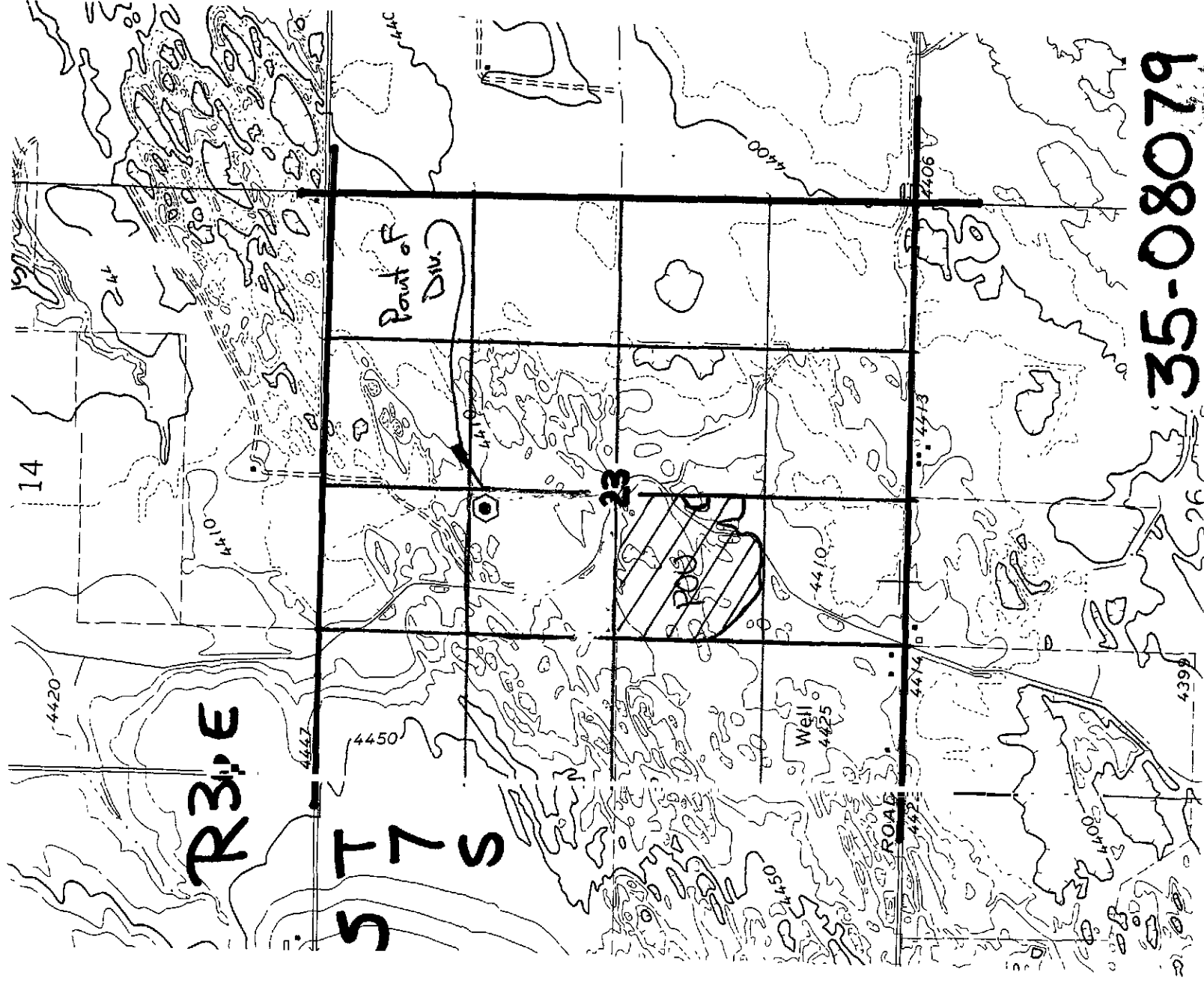
Field Report Preparation Date _____

CONSULTANT SEAL

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

RECEIVED

AUG 08 1995



35-08079

000000

NHEL
1- A.S.C.S.
105.2 K-11

K30E

77.3

77.7

NHEL
2- 29.9

NHEL

3- 16.3

4- 7.8
T-2008

#456
David
Bethke

11- 52.4

A35-12685

22 23

1- 37.1

#45533

Russell Wynn
(D. Bethke)

1- HEL

37.2

POINT OF DIVERSION

R30E
T7S
5- 36.2

35-08079

Place of use

T.7S.

14- 39.5

34 acres

Hwy
3- 65.2

#66
4- 25.4 acres

35-08079

21- 36.9

AUG 08 1995

7-8-91
A35-12605

OUTER DIAMETER
2.9375 IN

PIPE MATERIAL
CS, SS

WALL THICKNESS
.11500 IN

INNER LINING
NO LING.

KIND OF FLUID
WATER

SENSOR MOUNTING
U

TYPE OF SENSOR
SMALL

DATA CHANGE
NO

SPACING
5.941 IN

ZERO MODE
AUT ZERO

ZERO MODE
AUT ZERO

07-09 10:3600 *R
+968.983E 06PM

07-09 10:4400 *R
+940.188E 06PM

07-09 10:4400 *R
+981.135E 06PM

07-09 10:4600 *R
+983.775E 06PM

W/ out 2 wheel lines

MODE SELECT
TO CHECK

0300.4 MMSEC
102.96 % TO

07-09 10:4700 *R
+ 6.384E 06PM

07-09 10:4700 *R
+003.00 % AI2

07-09 10:4800 *R
+ 1.171E 36PM

07-09 10:4900 *R
+ 1.165E 36PM

07-09 10:5200 *R
+ 1.154E 36PM

*968.1
gpm
avg*

with 1 more

*H63-3
gpm
avg*

35-8079
AUG 08 1995

December 21, 1989

DAVID BETHKE
3149 RAST RD.
AMERICAN FALLS, ID 83211

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 35-08079

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

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

Sincerely,

Rita Fleck
Secretary/Records Manager

c: IDWR - Region

RECEIVED

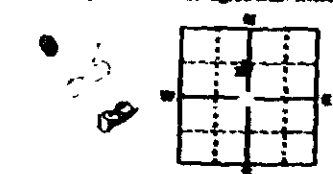
FEB 14 1990

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Administration

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Administration within 30 days after the completion or abandonment of the well.

1. WELL OWNER Name <u>David Bethke</u> Address <u>American Falls, Idaho</u> Owner's Permit No. _____		7. WATER LEVEL Static water level <u>73</u> feet below land surface Flowing? ☐ Yes ☐ No G.P.M. flow _____ Temperature _____ ° F. Quality _____ Artesian closed in pressure _____ p.s.i. Controlled by ☐ Valve ☐ Cap ☐ Plug																																																																																															
2. NATURE OF WORK ☒ New well ☐ Deepened ☐ Replacement ☐ Abandoned (describe method of abandoning) _____		8. WELL TEST DATA ☐ Pump ☐ Sailer ☐ Other Discharge G.P.M. _____ Draw Down _____ Hours Pumped _____																																																																																															
3. PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Test ☐ Municipal ☐ Industrial ☐ Stock		9. LITHOLOGIC LOG <table border="1"><thead><tr><th rowspan="2">Hole Diam.</th><th colspan="2">Depth</th><th rowspan="2">Material</th><th colspan="2">Water</th></tr><tr><th>From</th><th>To</th><th>Yes</th><th>No</th></tr></thead><tbody><tr><td>16</td><td>0</td><td>7</td><td>Sandy Topsoil</td><td></td><td>X</td></tr><tr><td>16</td><td>7</td><td>25</td><td>Gray Lava</td><td></td><td>X</td></tr><tr><td>16</td><td>25</td><td>30</td><td>Lava & Brown Mud Broken</td><td></td><td>X</td></tr><tr><td>16</td><td>30</td><td>48</td><td>Solid Gray Lava</td><td></td><td>X</td></tr><tr><td>16</td><td>48</td><td>65</td><td>Broken Lava</td><td></td><td>X</td></tr><tr><td>16</td><td>65</td><td>100</td><td>Sand</td><td></td><td>X</td></tr><tr><td>16</td><td>100</td><td>110</td><td>Blue Gray Clay</td><td></td><td>X</td></tr><tr><td>16</td><td>110</td><td>130</td><td>Sandy Clay</td><td></td><td>X</td></tr><tr><td>16</td><td>130</td><td>160</td><td>Sand</td><td></td><td>X</td></tr><tr><td>16</td><td>160</td><td>170</td><td>Clay</td><td></td><td>X</td></tr><tr><td>14</td><td>170</td><td>180</td><td>Sand Black</td><td></td><td>X</td></tr><tr><td>14</td><td>180</td><td>235</td><td>Lava Black</td><td>X</td><td></td></tr><tr><td>14</td><td>235</td><td>240</td><td>Lava Cinder Black</td><td></td><td>X</td></tr><tr><td>14</td><td>240</td><td>260</td><td>Gravel</td><td></td><td>X</td></tr></tbody></table>		Hole Diam.	Depth		Material	Water		From	To	Yes	No	16	0	7	Sandy Topsoil		X	16	7	25	Gray Lava		X	16	25	30	Lava & Brown Mud Broken		X	16	30	48	Solid Gray Lava		X	16	48	65	Broken Lava		X	16	65	100	Sand		X	16	100	110	Blue Gray Clay		X	16	110	130	Sandy Clay		X	16	130	160	Sand		X	16	160	170	Clay		X	14	170	180	Sand Black		X	14	180	235	Lava Black	X		14	235	240	Lava Cinder Black		X	14	240	260	Gravel		X
Hole Diam.	Depth		Material		Water																																																																																												
	From	To		Yes	No																																																																																												
16	0	7	Sandy Topsoil		X																																																																																												
16	7	25	Gray Lava		X																																																																																												
16	25	30	Lava & Brown Mud Broken		X																																																																																												
16	30	48	Solid Gray Lava		X																																																																																												
16	48	65	Broken Lava		X																																																																																												
16	65	100	Sand		X																																																																																												
16	100	110	Blue Gray Clay		X																																																																																												
16	110	130	Sandy Clay		X																																																																																												
16	130	160	Sand		X																																																																																												
16	160	170	Clay		X																																																																																												
14	170	180	Sand Black		X																																																																																												
14	180	235	Lava Black	X																																																																																													
14	235	240	Lava Cinder Black		X																																																																																												
14	240	260	Gravel		X																																																																																												
4. METHOD DRILLED ☒ Cable ☐ Rotary ☐ Dug ☐ Other																																																																																																	
5. WELL CONSTRUCTION Diameter of hole <u>16</u> inches Total depth <u>260</u> feet Casing schedule ☒ Steel ☐ Concrete Thickness _____ Diameter _____ From _____ To _____ <u>250</u> inches <u>16</u> inches <u>1</u> feet <u>180</u> feet <u>250</u> inches <u>24</u> inches <u>175</u> feet <u>260</u> feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet _____ inches _____ inches _____ feet _____ feet Was a packer or seal used? ☐ Yes ☒ No Perforated? ☒ Yes ☐ No How perforated? ☐ Factory ☒ Knife ☐ Torch Size of perforation <u>3/4</u> inches by <u>2</u> inches Number _____ From _____ To _____ <u>900</u> perforations <u>175</u> feet <u>260</u> feet _____ perforations _____ feet _____ feet _____ perforations _____ feet _____ feet Well screen installed? ☐ Yes ☒ No Manufacturer's name _____ Model No. _____ Type _____ Diameter _____ Slot size _____ Set from _____ feet to _____ feet Diameter _____ Slot size _____ Set from _____ feet to _____ feet Gravel packed? ☐ Yes ☒ No Size of gravel _____ Placed from _____ feet to _____ feet Surface seal? ☒ Yes ☐ No To what depth <u>20</u> feet Material used in seal ☐ Cement grout ☒ Pudding clay																																																																																																	
6. LOCATION OF WELL Sketch map location must agree with written location.  County <u>Power</u> S.E. 1/4 Sec. 23 T. 7 R. 20 E. 10		10. Work started <u>March 12, 1973</u> finished <u>April 11, 1973</u> 11. DRILLER'S CERTIFICATION This well was drilled under my supervision and this report is true to the best of my knowledge. <u>Paul T. Baker, S. Reg.</u> Exp. 12/31/74 Sherburne, Idaho 83210 <u>Paul T. Baker</u> 1-16-73																																																																																															

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE, BLUE, AND PINK COPIES TO THE DEPARTMENT

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
September 25, 1989

DAVID BETHKE
3149 RAST RD.
AMERICAN FALLS, ID 83211

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

RE: PERMIT NO. P35-08079

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.

Be sure to note the special condition requiring you to install a measuring device, or a flow measurement 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 flow measurement port.

MicroFILMED

SEP 25 1989



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 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

MICROFILMED

SEP 25 1982

29-Jun-1989

David Bethke
Box 59
American Falls, ID 83211

RE: Application for Permit No. 35-8079

Dear Water Right Applicant:

The Department of Water Resources acknowledges receipt of your water right permit. This office is currently in the process of advertising the application in the Power County Press. The advertisement will be published for two consecutive weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our state office in about five weeks. State office personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a permit is issued, you will be sent a copy. A typical processing time for an unprotested application is about eight weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Sincerely,

HAROLD W. JONES
Water Rights Supervisor

HWJ/rb

MICROFILMED

SEP 25 1989

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
Eastern Region
150 Shoup Ave., Suite 15

Idaho Falls, Idaho 83402
(208) 525-7161

JUNE 27, 1989

THE POWER COUNTY PRESS
P.O. BOX 547
AMERICAN FALLS, ID 83211

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. 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 JULY 24, 1989.

Yours truly,

Rita Bodell
Secretary

Encl.

MICROFILMED

SEP 20 1989

NOTICE OF APPLICATION FOR WATER RIGHT

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

MICROFILMED

SEP 25 1989

35-08079

BETHKE, DAVID
BOX 59
AMERICAN FALLS, ID 83211

Source: GROUNDWATER

Diversion Pt: SENW Sec 23 T 07S R 30E

Use: IRRIGATION (.800 CFS)

Date Filed: 1/17/1983

In: T07S R30E S23 NESW

40.0 ACRES TOTAL

MICROFILMED

SEP 25 1989

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the Director, Dept. of Water Resources, 150 Shoup Ave., Suite 15, Idaho Falls, Idaho 83402 on or before JULY 24, 1989.

R. Keith Higginson, Director

Published 7/05/1989 & 7/12/1989

MICROFILMED

SEP 25 1989

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
PROOF OF BENEFICIAL USE

RECEIVED
JUL 29 1985

Department of Water Resources

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:

APPLICATION NO. 35-8079
Permit No. _____

Name(s) of Permit Holder: David Bethke

Post Office Address: P.O. Box 59, AMERICAN FALLS ID. 83211

Telephone No. 226-2709

Source of Water: GROUNDWATER

Extent of Use:

Domestic _____ (number of households)

Stockwater _____ (number and type of stock)

Irrigation 40 _____ (acres)

Other/Remarks GROUND WITH IN NE $\frac{1}{4}$ SW $\frac{1}{4}$ SEC 23 T07S R30E WAS IRRIGATED

SINCE 1972 FROM A WELL WITHIN THE SE $\frac{1}{4}$ SE $\frac{1}{4}$ SEC 22 T07S R30E. I TOOK POSSESSION OF THE LAND IN 1982, AND IN JUNE 1983 STARTED IRRIGATION FROM MY WELL
Indicate the date water was first diverted and beneficially used under this ^{application} permit: JUNE 1972

Measuring Device: Required? ☐ Yes ☐ No
Installed? ☐ Yes ☐ No NOT REQUIRED AS OF YET BECAUSE FORM IS STILL AN

APPLICATION FOR PERMIT.

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

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

SAME

(Name)

SAME

(Address)

MICROFILMED

SEP 25 1989
SAME

(Telephone Number)

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

July 23, 1985 David Bethke
Date Signature of Permit Holder (and Title, if appropriate)

Statement of development for exemption from Swan Falls processing. Not acceptable as proof of beneficial use.

Recd. 11/2/92

Place
Stamp
Here

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

11/2/92

11/2/92



United States
Department of
Agriculture

Agricultural
Stabilization and
Conservation Service

Power County ASC Committee
P.O. Box 180
American Falls, Idaho 83211

June 18, 1985

David Bethke
RR 1 Box 59
American Falls, Idaho 83211

Dear Dave,

You inquired as to records on file on Field E: 6.5 acres, and Field G: 29.7 acres in Sec. 23, T7S, R30E. (See attached map). Our records indicate that these fields have been irrigated since 1978. We are not required to keep records prior to 1978.

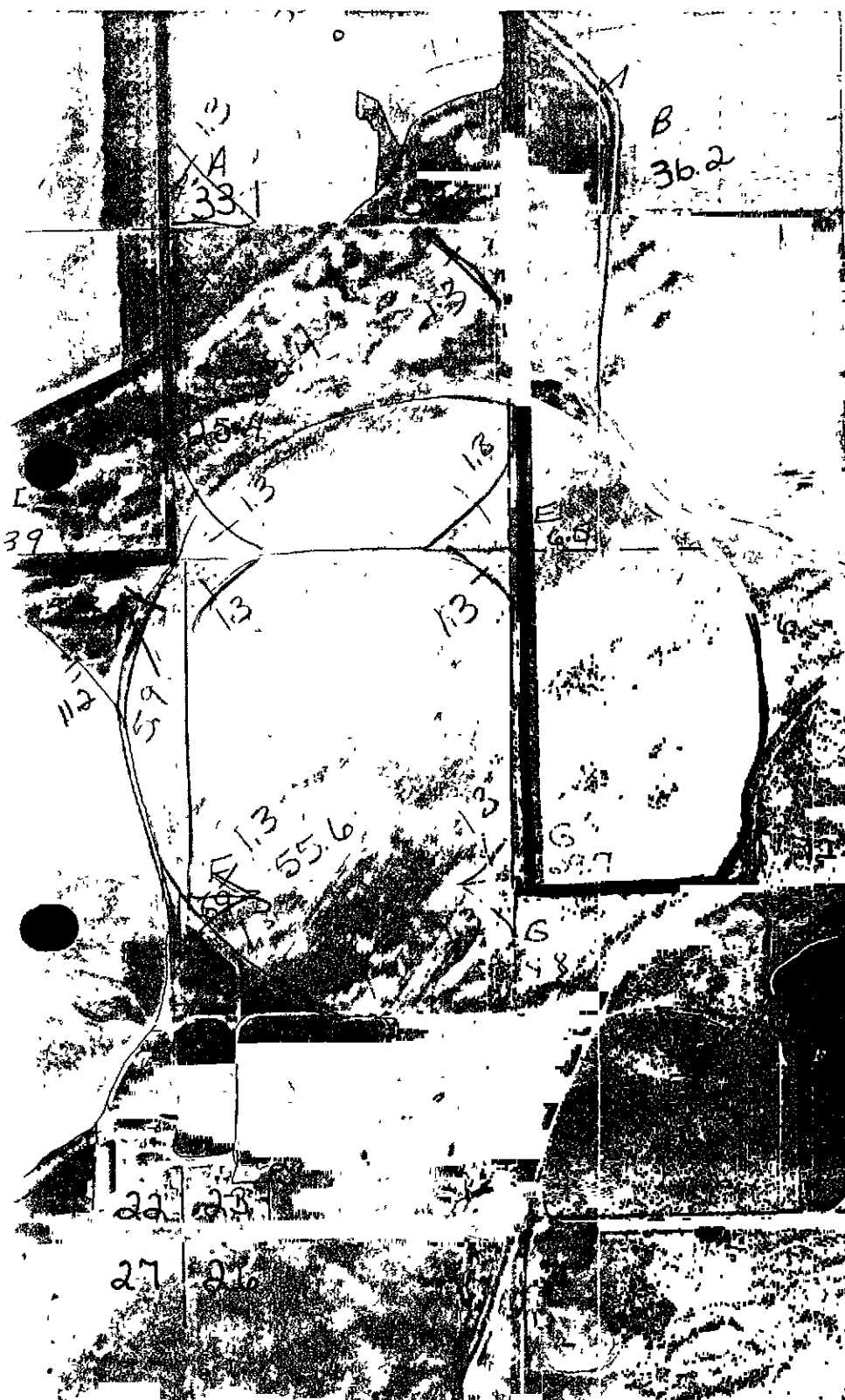
Sincerely,

H. Norman Wright/Lu

H. Norman Wright
County Executive Director

MAILED

SEP 25 1989



Field E 6.5
G 29.7

36.2

SW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$
NE $\frac{1}{4}$ SW $\frac{1}{4}$
Sec. 23
T75 R30E

RECEIVED

SEP 25 1989

INTER-DEPARTMENT MEMO — 1

FROM *KEITH C. WILSON*

DATE *23 July 1985*

TO *FILE 35-8079*

SUBJECT

According to Mr. Bethke

The NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 23 T7S R30E had been irrigated from a well located in SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 22 T7S R30E since 1972 and Mr Bethke took possision of the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 23 in 1982 and in 1983 started irrigation from his well in the SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 23 T7S R30E

INDEXED

SEP 25 1989

SIGNATURE