

Range 25E

E 153  
2-2

1966

H  
25.4

Existing  
Point of Diversion

B  
21.5

Proposed  
Point of Diversion

D  
3.7

F  
58.5

E  
8.3

G  
8.8

Twp. 13S.

11

Bowcut 4  
43-7080

Subsidence  
4" discharge

10 11  
+  
15 14

well



✓

E153

16

38

21

34

Ponds

Big Gun

Big Gun

Wheel-line 5

E218

E203

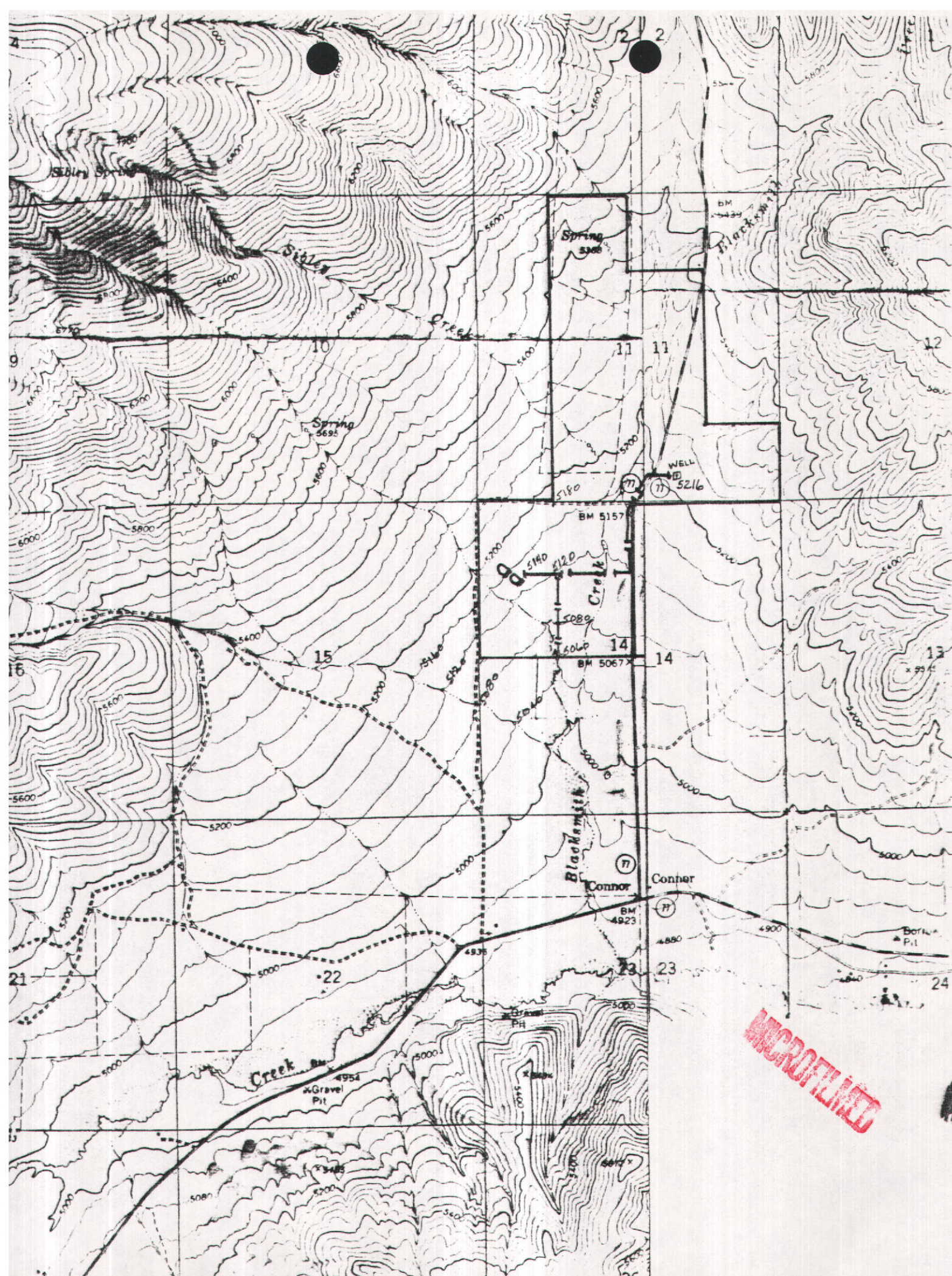
A 3.5

B 7.9

C 11.5

NOT FILLED







BERKELEY PUMP COMPANY

# 6S2BH SUBMERSIBLE PERFORMANCE

|                  |        |
|------------------|--------|
| PERFORMANCE      | 2500   |
| DATE             | 6-1-78 |
| PAGE             | 6      |
| SUPERSEDES       |        |
| Performance 2500 | Page 6 |
| Dated 12-1-77    |        |

| Depth To Water Level In Feet                                    | 6S2BH1-3#                                    |     |    |    | 6S2BH2-5 |     |     |    | 6S2BH3-7½ |     |     |     | 6S2BH3-10 |    |     |     | 6S2BH5-15 |     |     |     |
|-----------------------------------------------------------------|----------------------------------------------|-----|----|----|----------|-----|-----|----|-----------|-----|-----|-----|-----------|----|-----|-----|-----------|-----|-----|-----|
|                                                                 | DISCHARGE PRESSURE IN POUNDS PER SQUARE INCH |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           |     |     |     |
|                                                                 | 0                                            | 20  | 40 | 60 | 0        | 20  | 40  | 60 | 0         | 20  | 40  | 60  | 0         | 20 | 40  | 60  | 0         | 20  | 40  | 60  |
| CAPACITY IN GALLONS PER MINUTE AGAINST DISCHARGE PRESSURE SHOWN |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           |     |     |     |
| 0                                                               |                                              | 200 |    |    |          | 274 | 150 |    |           | 300 | 240 | 155 |           |    | 282 | 230 |           |     |     | 277 |
| 10                                                              |                                              | 125 |    |    |          | 255 |     |    |           | 290 | 225 | 115 |           |    | 272 | 210 |           |     | 297 | 270 |
| 20                                                              | 300                                          |     |    |    |          | 230 |     |    |           | 275 | 210 |     |           |    | 269 | 192 |           |     | 292 | 267 |
| 30                                                              | 267                                          |     |    |    | 300      | 205 |     |    |           | 262 | 180 |     |           |    | 297 | 247 | 165       |     | 287 | 255 |
| 40                                                              | 230                                          |     |    |    | 285      | 174 |     |    |           | 250 | 168 |     |           |    | 290 | 237 | 120       |     | 280 | 240 |
| 50                                                              | 180                                          |     |    |    | 265      | 125 |     |    |           | 295 | 235 | 140 |           |    | 280 | 222 |           |     | 274 | 240 |
| 60                                                              |                                              |     |    |    | 245      |     |     |    |           | 285 | 220 | 75  |           |    | 269 | 203 |           |     | 297 | 267 |
| 80                                                              |                                              |     |    |    | 195      |     |     |    |           | 257 | 180 |     |           |    | 295 | 245 | 150       |     | 285 | 252 |
| 100                                                             |                                              |     |    |    | 90       |     |     |    |           | 230 | 125 |     |           |    | 275 | 215 |           | 300 | 270 | 236 |
| 120                                                             |                                              |     |    |    |          |     |     |    |           | 195 |     |     |           |    | 250 | 170 |           | 288 | 256 | 220 |
| 140                                                             |                                              |     |    |    |          |     |     |    |           | 150 |     |     |           |    | 225 | 50  |           | 275 | 240 | 197 |
| 160                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    | 190 |     |           | 262 | 225 |     |
| 180                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    | 110 |     |           | 246 | 204 |     |
| 200                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           | 230 | 180 |     |
| 220                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           | 210 | 150 |     |
| 240                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           | 187 | 95  |     |
| 260                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           | 160 |     |     |
| 280                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           | 115 |     |     |
| 300                                                             |                                              |     |    |    |          |     |     |    |           |     |     |     |           |    |     |     |           |     |     |     |

| Depth To Water Level In Feet                                    | 6S2BH6-20                                    |    |    |    | 6S2BH7-25 |    |    |    | 6S2BH9-30 |    |    |    | 6S2BH12-40 |    |    |    | 6S2BH15-50 |    |    |    |
|-----------------------------------------------------------------|----------------------------------------------|----|----|----|-----------|----|----|----|-----------|----|----|----|------------|----|----|----|------------|----|----|----|
|                                                                 | DISCHARGE PRESSURE IN POUNDS PER SQUARE INCH |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
|                                                                 | 0                                            | 20 | 40 | 60 | 0         | 20 | 40 | 60 | 0         | 20 | 40 | 60 | 0          | 20 | 40 | 60 | 0          | 20 | 40 | 60 |
| CAPACITY IN GALLONS PER MINUTE AGAINST DISCHARGE PRESSURE SHOWN |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 0                                                               |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 20                                                              |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 40                                                              |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 60                                                              |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 80                                                              |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 100                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 120                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 140                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 160                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 180                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 200                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 220                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 240                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 260                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 280                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 300                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 320                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 340                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 360                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 380                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 400                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 440                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 480                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 520                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 560                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 600                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 640                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 680                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 720                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 760                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 800                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 840                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 880                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |
| 920                                                             |                                              |    |    |    |           |    |    |    |           |    |    |    |            |    |    |    |            |    |    |    |

EFF. 62.9%

66.7%

NOTE: Best performance will be obtained when operating within the heavy lines. For conditions above upper heavy lines check 6S2AH. For conditions below lower heavy lines check 6S2AL. Above units have a maximum overall dimension of 5-27/32 inches and will enter a 6" I.D. well. However, full capacities of these units will not be realized unless well is 7" diameter minimum.

WARNING: THESE PUMP AND MOTOR UNITS ARE DESIGNED FOR INSTALLATION IN WELLS. DO NOT INSTALL IN A SWIMMING POOL.

PRICE DOES NOT INCLUDE PRESSURE RELIEF VALVE. THESE PUMPS ARE CAPABLE OF PRODUCING VERY HIGH PRESSURES AND IT IS NECESSARY THAT A PRESSURE RELIEF VALVE (SEE ACCESSORY SECTION 8030) BE INSTALLED ON THE TANK TO AVOID POSSIBLE DANGER OF BURSTING TANK AND CAUSING PROPERTY DAMAGE AND/OR PERSONAL INJURY OR DEATH.

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

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

BOWCUT, NOEL B.  
1243 HANSEN AVE.  
BURLEY, ID 83318

POOR QUALITY ORIGINAL

PROOF DUE NOTICE

MAY

31, 1983

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 43-7080 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE AUGUST 01, 1983. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A POSTCARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF.

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

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

SINCERELY,

*Rita Fleck*

RIITA FLECK  
SECRETARY/RECORDS MANAGER

ENCLOSURES

MICROFILMED

*Jim Johnson*  
*Dave Tutwill*  
*Pat Howe*  
*Acres*  
*System Capacity*

77-282

**NOTICE OF APPLICATION  
FOR WATER PERMIT**

Notice is hereby given that Noel B. Bowcut, Burley, ID 83318 has on 7/5/77 submitted Application No. 43-7080 for a permit to appropriate 6.4 cubic feet per second of water from groundwater by means of well, pump, & sprinkler system within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 11, Twp. 13S, Rge. 25E, B.M., Cassia County and SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 11, Twp. 13S, Rge. 25E, B.M. to be used from Mar. 15 to Nov. 15 for irrigation purposes of 320 acres within the SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , Sec. 11, NW $\frac{1}{4}$ , Sec. 14, Twp. 13S, Rge. 25E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before July 29, 1977.

C. Stephen Allred  
Director

Published in the South Idaho Press on 7/12 and 7/19/77.

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**State of Idaho**  
**Department of Water Resources**

**WATER RIGHT LICENSE**

License of Water Right No. 43-7080 Priority July 22, 1977 Amount 0.64 cfs

THIS IS TO CERTIFY, that Noel B. Bowcut  
of Burley, Idaho, has complied with the terms and conditions of Permit  
No. 43-7080 issued pursuant to Application for Permit dated July 22, 1977,  
and has submitted proof to the Department of Water Resources on June 24, 1983,  
that he has applied water to a beneficial use, an examination by the Department indicates that the works have a  
capacity for the diversion of 0.64 cfs of water from a groundwater source,  
tributary to \_\_\_\_\_, and that the permit holder has applied to a beneficial use and  
established a right to use water as follows:

| Beneficial Use                                                                                             | Period of Use | Rate of Diversion | Annual Volume |
|------------------------------------------------------------------------------------------------------------|---------------|-------------------|---------------|
| <u>Irrigation</u> from <u>March 15</u> to <u>November 15</u> at <u>0.64</u> cfs and <u>311.0</u> acre feet |               |                   |               |
| from _____ to _____ at _____ cfs and _____                                                                 |               |                   |               |
| from _____ to _____ at _____ cfs and _____                                                                 |               |                   |               |

(both dates inclusive)

Subject, however, to the condition that no more than 0.64 cfs of water be diverted at any one time, and  
that the amount of water so diverted and to which such right is entitled and confirmed for the purpose  
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed  
311.0 acre feet per year, said waters to be diverted within the SW1/4 Section 11,  
Twp 13S, Rge 25E in the County of Cassia

Description and location of place of use:

| Twp. | Range | Sec. | NE1/4 |       |       |       | NW1/4 |       |       |       | SW1/4 |       |       |       | SE1/4 |       |       |       | Totals |
|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
|      |       |      | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 | NE1/4 | NW1/4 | SW1/4 | SE1/4 |        |
| 13S  | 25E   | 14   |       |       |       |       | 38    | 16    | 21    | 34    |       |       |       |       |       |       |       |       | 109    |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |
|      |       |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |        |

Total number of acres irrigated 109

**MICROFILMED**

## CONDITIONS OF APPROVAL

a. Modifications to or variance from this license must be made within the limits of Section 42-222, **Idaho Code**, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.

c. Any water right confirmed in this license 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 license 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 license.

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

Use of water under this license is subject to control by the watermaster of State Water District No. 43C, Cassia Creek.

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Witness the seal and signature of the Director, affixed at Boise, Idaho, this 25<sup>TH</sup> day of OCTOBER, 19 86.

Acting for the Director



# RECEIVED

OCT 20 1986

Ident. No. \_\_\_\_\_

## STATE OF IDAHO

### APPLICATION FOR AMENDMENT (For Licensing Purposes)

# APPROVED

#### Department of Water Resources

Comes now Noel B. Bowcut Phone \_\_\_\_\_  
of (address) 1243 Hansen Ave. Burley, ID 83318, and represents to the  
Director of the Idaho Department of Water Resources:

That he is the owner and holder of Permit to Appropriate the Public Waters of the  
State of Idaho No. 43-7080, and requests that the permit be changed as follows:

1a. Point of diversion: SW 1/4 SE 1/4, Section 11, Township 13S, Range 25E,  
B.M., County of Cassia. Other points of diversion: \_\_\_\_\_

1b. Source: groundwater tributary to -----

#### 2a. Period and nature of use:

Amount 0.64 for Irrigation purposes from 3/15 to 11/15 (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)

2b. The maximum quantity diverted shall not exceed 0.64 cfs or 311.0 acre feet  
per year.

#### 3. Place of use or land to be irrigated:

| TWP | RGE | SEC | NE     |        |        |        | NW     |        |        |        | SW     |        |        |        | SE     |        |        |        | 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 |        |
| 13S | 25E | 14  |        |        |        |        | 38     | 16     | 21     | 34     |        |        |        |        |        |        |        |        | 109    |
|     |     |     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |     |     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |     |     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|     |     |     |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

Total number of acres ~~to be irrigated~~ = 109

4. Date of priority: July 22, 1977

5. Conditions (if any): Use of water under this right is subject to control by the watermaster of State Water District No. 43C, Cassia Creek.

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

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk.

Signed at 3M, this 16 day of Oct, 1986  
[Signature]  
(Signature)

FOR DEPARTMENT USE ONLY

Preliminary check by kw Fee = \$20.00 ☒ Received by af Date 10-20-86 #39331

ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, A. KENNETH DUNN, of the Department of Water Resources hereby Approve the above Application for Amendment for Permit No. 43-7080.

Witness my hand this 25<sup>th</sup> day of OCTOBER, 1986

[Signature]  
Acting for the Director

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207

BEFORE THE DEPARTMENT OF WATER RESOURCES  
OF THE  
STATE OF IDAHO

IN THE MATTER OF CHANGING THE )  
MEASURING DEVICE CONDITION FOR )  
PERMIT NO. 43-7080 IN THE NAME )  
OF NOEL B. BOWCUT )

ORDER

WHEREAS, on July 22, 1977, the Department received from Noel B. Bowcut an Application for Permit to appropriate groundwater in the Elba area; and,

WHEREAS, on August 2, 1978, the Application was approved with several conditions of approval, one of which was the requirement that "a totalizing measuring device shall be installed and maintained at the point of diversion"; and,

WHEREAS, the Department will be able to use alternate means to compute the total amount diverted via the pumping system, but an accurate means of measuring the instantaneous rate of flow is still required;

NOW, THEREFORE, IT IS HEREBY ORDERED that the condition of approval requiring a totalizing measuring device be CHANGED to read as follows:

"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".

Dated this 21 day of July, 1983.

*for* David R. Tutthill Jr (Acting)  
L. GLEN SAXTON  
Chief, Operations Bureau

MICROFILMED

Identification No. \_\_\_\_\_

Application No. 43-7080

**STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES**

**APPLICATION FOR PERMIT APPROVED**

**To Appropriate the Public Waters of the State of Idaho**  
(TYPE OR PRINT IN INK)

1. Name of applicant Noel B. Bowcut Phone: 678-3992  
post office address 1243 Hansen Ave. Burley Idaho 678-5476
2. Source of water supply groundwater which is a tributary of \_\_\_\_\_
3. a. Location of point of diversion is NW  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Section 11 Township 13S  
Range 25E B.M. Cassia County; additional points of diversion if any: \_\_\_\_\_  
SE  $\frac{1}{4}$  SW  $\frac{1}{4}$ , Sec. 11, T13S, R25E
- b. If water is not consumed, it will be discharged into \_\_\_\_\_ at a point in \_\_\_\_\_  $\frac{1}{4}$   
of \_\_\_\_\_  $\frac{1}{4}$  of Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ B.M. \_\_\_\_\_
4. Water will be used for the following purposes:  
Amount 6.4 for Irrigation purpose from Mar. 15 to Nov. 15 (both dates inclusive)  
(cfs or acre-feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purpose from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purpose from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:  
a. 6.4 cfs cubic feet per second and/or  
b. \_\_\_\_\_ acre feet per annum.
6. Proposed diverting works:  
a. Description of ditches, flumes, pumps, headgates, etc. Well, pump, and 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 during which storage will occur \_\_\_\_\_ to \_\_\_\_\_ inclusive.  
(Mo. Day) (Mo. Day)  
c. Proposed well diameter is 14 inches; proposed depth of well is 600 feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years.  
b. Estimated construction cost is \$ 85,000.
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: \_\_\_\_\_ hp under \_\_\_\_\_ feet of head.  
(3) List number of each kind of livestock to be watered \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(4) Name of municipality to be served \_\_\_\_\_, or number of families to be supplied with domestic water \_\_\_\_\_.  
(5) If water is to be used for other purposes describe: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

| TWP. | RANGE | SEC. | NE¼ |     |     |     | NW¼ |     |     |     | SW¼ |     |     |     | SE¼ |     |     |     | TOTALS |
|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
|      |       |      | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ |        |
| 13S  | 25E   | 11   |     |     | 15  |     |     |     |     |     | 40  |     |     | 35  |     | 35  | 35  |     | 160    |
| 13S  | 25E   | 14   |     |     |     |     | 40  | 40  | 40  | 40  |     |     |     |     |     |     |     |     | 160    |
|      |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|      |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|      |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|      |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|      |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|      |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|      |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |

Total number of acres to be irrigated 320

c. Describe any other water rights used for the same purposes as described above. 43-368 50" 1882 Conner  
Cr. Decree, 43-369 167" 1894 <sup>CASSIA CR 55</sup> Conner Cr. Decree, 43-370 60" 1885 Mahogany Spr. Decree  
43-417 1882 entire flow of spring

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 surface rights will be used when available. Groundwater will be  
used as supplemental and to irrigate some new ground

Range 25E

E 153  
2-2

A  
25.4

Existing  
Point of Diversion

B  
21.5

C  
11.9

Proposed  
Point of Diversion

D  
37

F  
58.5

E  
83

G  
80

Twp. 13S.

11  
12



Proposed Priority 7/22/77

Priority 7-22-77 8:00 AM

Received by TGB Date 7-5-77 Time 10:00 AM

Preliminary check by DL Fee \$ 85.00/100

Received by TGB Date 7/5/77 # 8619

Publication prepared by DL Date 7/5/77

Published in South Idaho Press

Publication dates 7/12 + 7/19/77

Publication approved DL Date 8/1/77

Priority reduced to \_\_\_\_\_ Reason \_\_\_\_\_

Protests filed by: \_\_\_\_\_

Copies of protests forwarded by \_\_\_\_\_

Hearing held by \_\_\_\_\_ Date \_\_\_\_\_

Recommended for approval denial by ADM jo

#### 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. 43-7080, and said application is hereby APPROVED.

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

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before August 1, 1983.

c. Other: A totalizing measuring device shall be installed and maintained at the point of diversion.

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.

Use of water under this permit is subject to control by the watermaster of State Water District No. 43-C, Cassia Creek.

The permit shall not be assigned or sold without first securing the written approval of the Department of Water Resources.

The average yearly diversion for irrigation purposes shall not exceed 3.0 acre feet per acre from all sources combined over any five year period.

Witness my hand this 2nd day of August 1978.

L. Glen Saxton

Chief, Operations Bureau

# SOUTH IDAHO PRESS

BURLEY, IDAHO

## AFFIDAVIT OF PUBLICATION

County of Cassia, )  
STATE OF IDAHO ) ss.

*Brenda Eagle*, being first

duly sworn, deposes and says that ~~she~~ is the  
*Book-keeper* 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 times*  
consecutive weeks, commencing with the issue

dated *July 12*, 19*77*, and ending  
with the issue dated *July 19*, 19*77*

*Brenda Eagle*

Subscribed and sworn to before me

this *27th* day of *July*

19*77*.

*Norma Peters* Notary Public

Cost of Publication .....

Notary Fee .....

Total Cost *\$10.15*

77-282

### NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Noel B. Bowcut, Burley, ID 83318 has on 7/5/77 submitted Application No. 43-7080 for a permit to appropriate 6.4 cubic feet per second of water from groundwater by means of well, pump, & sprinkler system within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 11, Twp. 13S, Rge. 25E, B.M., Cassia County and SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 11, Twp. 13S, Rge. 25E, B.M. to be used from Mar. 15 to Nov. 15 for irrigation purposes of 320 acres within the SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , W $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 11; NW $\frac{1}{4}$ , Sec. 14, Twp. 13S, Rge. 25E, B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before July 29, 1977.

C. Stephen Allred  
Director

Published in the South Idaho Press on 7/12 and 7/19/77.

**MICROFILM**

PLACE  
STAMP  
HERE

JUN 29 1988

Department of Water Resources

JUL 15 1982



Department of Water Resources  
State Capitol Building  
Boise, Idaho 83720

IDAHO DEPARTMENT OF WATER RESOURCES  
STATEHOUSE  
BOISE, IDAHO 83720

JUL 19 1982

**RECEIVED**

**RECEIVED**

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
COMMENCEMENT OF WORKS

Permit No. 43-7080 1977  
Name(s) of Permit Holder(s): Noel Bousant - Key Ranch  
Post Office Address: 1243 Hansen Ave.  
Burley Idaho 83318 Tel. No. 678-0080

- ☒ I hereby certify that construction of diversion works for the above referenced permit began on JUNE 19 (date) 1977 and that I must continue to develop the water system with due diligence to maintain a valid permit.
- ☐ I hereby certify that construction of diverting works on the above referenced project has not yet begun due to the following reason beyond my control\*:

\*Note: A financing difficulty is not an acceptable reason.

Date

Signature of Permit Holder

November 10, 1986

RE: Permit No. 43-7080

Noel B. Bowcut  
Rt. 1 #18 Granada Pl.  
Burley, ID 83318

Dear Permit Holder(s):

Enclosed herewith is a copy of your Water Right License issued on the above referenced permit along with a copy of your approved application for amendment. Also enclosed is Departmental Receipt No. 39331 in the amount of \$20.00.

Should you have any questions regarding these documents, please feel free to contact our office.

Sincerely,

JIM JOHNSON  
Water Rights Supervisor

JJ:sc  
Enclosures

RECEIVED

Noel & Lois Bowcut  
Rt. 1 #18 Granada Pl.  
Burley, Idaho 83318



↑  
Note address  
change — KW

RECORDED

Jim Johnson  
State of Idaho  
Dept. of Water Resource  
State Office  
450 W. State  
Boise  
Idaho 83720



State of Idaho  
**DEPARTMENT OF WATER RESOURCES**  
STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS  
Governor

A. KENNETH DUNN  
Director

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

October 15, 1986

RE: Permit No. 43-7080

Noel B. Bowcut  
1243 Hansen Ave.  
Burley, ID 83318

Dear Permit Holder(s):

The above referenced water right is in the process of being licensed. However, before a license can be issued, your permit must be amended to correspond with the findings of the Department's field examiner.

The enclosed application for amendment contains all of the information that will be included on the license when it is issued. Please review carefully and if you concur, sign the amendment and return with the \$20.00 filing fee within 30 days.

If you do not concur with these findings or if you have any questions, please contact us within the 30-day period.

Sincerely,

JIM JOHNSON  
Water Rights Supervisor

JJ:sc

Enclosure

**MICROFILMED**



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

November 12, 1986

Leonard E. Hall  
Watermaster, #43-C  
Box 652  
Malta, ID 83342

Re: Water Right License, No.43-7080

Dear Mr. Hall:

Enclosed is a copy of a Water Right License within your District for your information and files.

If you have any questions please contact this office.

Very truly yours,

LOREN O. HOLMES  
Southern Region Supervisor

LOH:MB

Encl:



|  |  |  |  |  |  |  |  |  |  |
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SCHEMATIC DIAGRAM OF SYSTEM

(Include distance from pump to measuring device, if applicable.)

Point(s) of diversion: SW<sup>1</sup>/<sub>4</sub> SE<sup>1</sup>/<sub>4</sub> Sec 11, T.13S., R.25E., B.M.

Place(s) of Use ☒

| TWP. | RGE. | SEC. | NE <sup>1</sup> / <sub>4</sub> |                                |                                |                                | NW <sup>1</sup> / <sub>4</sub> |                                |                                |                                | SW <sup>1</sup> / <sub>4</sub> |                                |                                |                                | SE <sup>1</sup> / <sub>4</sub> |                                |                                |                                | TOTALS |
|------|------|------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------|
|      |      |      | NE <sup>1</sup> / <sub>4</sub> | NW <sup>1</sup> / <sub>4</sub> | SW <sup>1</sup> / <sub>4</sub> | SE <sup>1</sup> / <sub>4</sub> | NE <sup>1</sup> / <sub>4</sub> | NW <sup>1</sup> / <sub>4</sub> | SW <sup>1</sup> / <sub>4</sub> | SE <sup>1</sup> / <sub>4</sub> | NE <sup>1</sup> / <sub>4</sub> | NW <sup>1</sup> / <sub>4</sub> | SW <sup>1</sup> / <sub>4</sub> | SE <sup>1</sup> / <sub>4</sub> | NE <sup>1</sup> / <sub>4</sub> | NW <sup>1</sup> / <sub>4</sub> | SW <sup>1</sup> / <sub>4</sub> | SE <sup>1</sup> / <sub>4</sub> |        |
| 13S  | 25E  | 14   |                                |                                |                                |                                | 38                             | 16                             | 21                             | 34                             |                                |                                |                                |                                |                                |                                |                                |                                | 109 ✓  |
|      |      |      |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |        |
|      |      |      |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |        |
|      |      |      |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |        |
|      |      |      |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |        |
|      |      |      |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |        |
|      |      |      |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |                                |        |

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

Examiner's Signature Allen D. Moritt

Checked by J.P. Stanton

Approved by Kay Walker

Date 12/12/83

Date 12-12-83

Date 9-12-86



10 31  
15 14

E218

E203

A  
35

7.9

Overlap Review - Permit 43-7080

per VAX 9/12/86:

p/d - none

p/u - 43-0368 Connor Ck.

43-0369 Cassia Ck.

43-0370 ← Mahogany Springs

43-0417 ← Summit Ck.

Blacksmith Creek

→ springs

Recommend R29

kw

RECEIVED

Big Gun

$n = .0097$

ID  
BHS4 J.U. 7-13-83  
PUMP EVALUATION

NOEL BOWCUTT

PAGE 1 OF 2

1ST TRIAL

(1) DISCHARGE PRESS @ PUMP = 135 PSI X 311.85 FT

(2)  $Q = AV = (.0758)(7.14) = \underline{243}$  GPM ←

AREA = .0758 ID = 3" / 16 3.73" ID =

(3) 262 FT LIFT

(4) COLUMN LOSS  $8.86/100 \times 3.5 = \underline{13.5}$

(5) TDH:

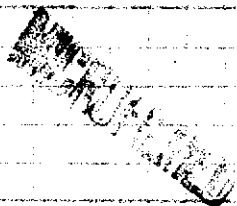
|               |        |
|---------------|--------|
| 311.85        | DP     |
| 262.00        | LIFT   |
| 13.5          | COLUMN |
| <u>587.35</u> | TDH    |

PUMP EFFICIENCY

POWER INPUT 65.23 HP

POWER OUTPUT  $\frac{(243)(587.35)}{3960} = \underline{36.04}$

EFFICIENCY  $\frac{\text{OUTPUT}}{\text{INPUT}} = \frac{36.04}{65.23} = \underline{55.25\%}$



Wheel 1

ID

NOEL BOWEN

BHS + Ju. 7-13-83

PUMP EVALUATION

2 2

220 TRIAL

(1) DISCHARGE PRESSURE @ PUMP = 10 PSI - 23.1 FT

(2)  $Q = AV = (.0758)(8.5) = \underline{289.14 \text{ GPM}}$

(3) 294 FT LIFT

(4) COLUMN LOSS

$V = 7.208 \quad H_f/100 = 5.34 \quad \times L = 3.5 = \underline{18.7 \text{ TOTAL}}$

(5) TDH :  $\begin{array}{r} 23.1 \text{ DP} \\ 294.0 \text{ LIFT} \\ \hline 18.7 \text{ COLUMN} \\ \hline 335.8 \text{ TDH} \end{array}$

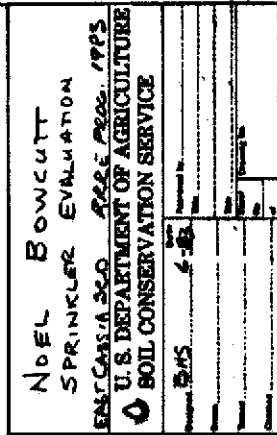
PUMP EFFICIENCY

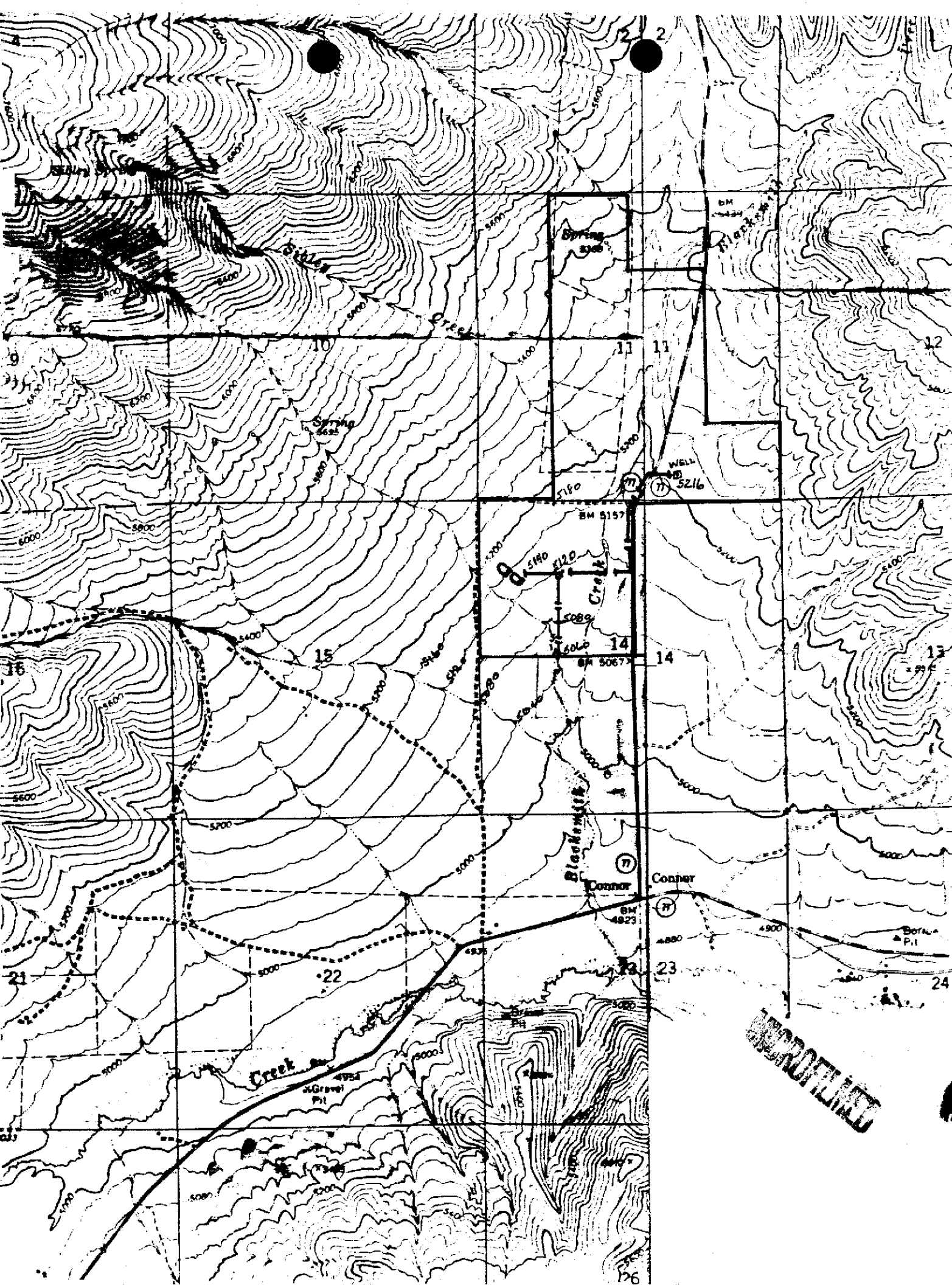
POWER INPUT 60.00 HP

POWER OUTPUT  $\frac{(289.14)(335.8)}{3960} = \underline{24.52}$

PLANT  
EFFICIENCY  $\frac{\text{OUTPUT}}{\text{INPUT}} = \frac{24.52}{60.00} = \underline{40.87 \%}$

RECEIVED





SCS-ENG-523 Rev. 8-69

**U. S. DEPARTMENT OF AGRICULTURE**  
**SOIL CONSERVATION SERVICE**

|                    |                     |                            |      |          |
|--------------------|---------------------|----------------------------|------|----------|
| STATE <u>IDAHO</u> |                     | PROJECT <u>NOEL BOWCUT</u> |      |          |
| BY <u>BRIS</u>     | DATE <u>7-13-83</u> | CHECKED BY                 | DATE | JOB NO.  |
| SUBJECT            |                     |                            |      | SHEET OF |

MAINLINE DESIGN PVC 160 PSI IPS C 150

| STA    | DIA<br>PIPE     | Q in<br>GPM | VEL-<br>OCITY | DIST. | Hf<br>/1000' | Hf<br>/SECT. | ELEV<br>HGL | ELEV<br>GROUND | AVAILABLE<br>HEAD FT | AVAIL<br>PSI | Reqd<br>PSI |
|--------|-----------------|-------------|---------------|-------|--------------|--------------|-------------|----------------|----------------------|--------------|-------------|
| 0+00   | 4" PVL<br>160PS | 290         | 6.86          | 1000  | 34.46        | 34.46        | 5331.37     | 5216           | 115.37               | 49.94        | 49.94       |
| 10+00  | 4" PVL<br>160PS | 145         | 3.43          | 3850  | 9.54         | 37.76        | 5296.91     | 5160           | 136.91               | 59.26        | 59.26       |
| 48+50  |                 |             |               |       |              |              | 5259.15     | 5060           | 199.15               | 86.21        | 56 PSI      |
| 10+00  | 4" PVL<br>160   | 145         | 3.43          | 1600  | 9.54         | 15.27        | 5296.91     | 5160           | 136.91               | 59.26        |             |
| 26+00W |                 |             |               |       |              |              | 5281.64     | 5180           | 101.64               | 44           | 44          |

### TEST CALCULATION

Standing water level (to ground level)

186 ft.

Pumping water level (to ground level)

294 ft.

Draw down = pumping level - standing level 108 ft

FRICITION LOSSES:

Pump column loss: 12.6 ft.

Piping losses: \_\_\_\_\_ ft.

Mainline losses: 100 ft.

Lateral losses: \_\_\_\_\_ ft.

Operating press: 10 psi X 2.31 = 23 ft.

PUMP  
SETTING  
350'

TOTAL DYNAMIC HEAD: 329 ft.

INPUT HORSEPOWER:

$$KW = 10 \text{ revolutions} \times 576 \text{ Kh} \times 1 \text{ CTR} \times 3.6 = 46.2 \text{ seconds} = 44.9 \text{ Kw}$$

$$Hp = 44.9 \text{ KW} \times 1.34 = 60 \text{ Hp.}$$

OUTPUT HORSEPOWER

Lf 8.25

RF 8.67

LF 835

Br 8.75

Average: 8.5 FPS

Collins meter: 33 26 (\*) x 8.5 ft/sec. = GPM 282.88

HP = 289      gpm x 32.9      TDH ÷ 3960 = 23.51 hp

**EFFICIENCY:**

$$\left( \frac{23.5 \text{ Hp (output)}}{60 \text{ Hp (input)}} \right) \times 100 = 39 \text{ \% eff.}$$

OTHER:

Acre-feet/day =  $282.88 \text{ gpm} \times .00442 = 1.25 \text{ acre-feet/day.}$

$$\text{KWH/acre-foot} = (44.9 \text{ kw} \times 24) \div 1.25 \text{ acre-feet/day} = 862 \text{ KWH/AC ft.}$$

(\*) Use factor number in the Collins Meter instructions

**UNCLASSIFIED**

# PUMP TEST CALCULATION FORM:

Standing water level (to ground level)

184 ft.

Pumping water level (to ground level)

262 ft.

Draw down = pumping level - standing level 78 ft.

## FRICTION LOSSES:

Pump column loss: 10 ft.

Piping losses: \_\_\_\_\_ ft.

Mainline losses: \_\_\_\_\_ ft.

Lateral losses: \_\_\_\_\_ ft.

Operating press: 135 psi X 2.31 = 312 ft.

## TOTAL DYNAMIC HEAD:

262

312 ft.

## INPUT HORSEPOWER:

574

KW = 10 revolutions X 57.6 kh X 1 CTR X 3.6 = 42.6 seconds = 48.68 kw

Hp = 48.68 KW X 1.34 = 65.23 Hp.

## OUTPUT HORSEPOWER

Lf 7.14

Rf 6.92

Lr 7.15

Rr 6.95

Average: 7.14 FPS

Collins meter: 2.04 (\*) X 34.41 ft/sec. = GPM

Hp = 242.25 gpm X 374 TDH ÷ 3960 = 35.11 Hp

## EFFICIENCY:

(35.11 Hp (output) ÷ 65.23 Hp (input) ) X 100 = 54 % eff.

## OTHER:

Acre-feet/day = 242.25 gpm X .00442 = 1.071 acre-feet/day.

KWH/acre-foot = ( 48.68 kw X 24 ) ÷ 1.071 acre-feet/day = 1090.87 KWH/AC.ft.

(\*)Use factor number in the Collins Meter instructions

MICROFILMED



BERKELEY PUMP COMPANY

# 6S2BH SUBMERSIBLE PERFORMANCE

|                  |        |
|------------------|--------|
| PERFORMANCE      | 2500   |
| DATE             | 6-1-78 |
| PAGE             | 6      |
| SUPERSEDES       |        |
| Performance 2500 | Page 6 |
| Dated 12-1-77    |        |

| Depth<br>To<br>Water<br>Level<br>In<br>Feet                     | 6S2BH1-3 <sup>4</sup>                        |     |    |    | 6S2BH2-5 |     |     |    | 6S2BH3-7 <sup>1</sup> |     |     |     | 6S2BH3-10 |     |     |     | 6S2BH5-15 |     |     |     |
|-----------------------------------------------------------------|----------------------------------------------|-----|----|----|----------|-----|-----|----|-----------------------|-----|-----|-----|-----------|-----|-----|-----|-----------|-----|-----|-----|
|                                                                 | DISCHARGE PRESSURE IN POUNDS PER SQUARE INCH |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     |           |     |     |     |
|                                                                 | 0                                            | 20  | 40 | 60 | 0        | 20  | 40  | 60 | 0                     | 20  | 40  | 60  | 0         | 20  | 40  | 60  | 0         | 20  | 40  | 60  |
| CAPACITY IN GALLONS PER MINUTE AGAINST DISCHARGE PRESSURE SHOWN |                                              |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     |           |     |     |     |
| 0                                                               |                                              | 200 |    |    |          | 274 | 150 |    |                       | 300 | 240 | 155 |           |     | 282 | 230 |           |     |     | 277 |
| 10                                                              |                                              | 125 |    |    |          | 255 |     |    |                       | 290 | 225 | 115 |           |     | 272 | 210 |           |     |     | 297 |
| 20                                                              | 300                                          |     |    |    |          | 230 |     |    |                       | 275 | 210 |     |           |     | 269 | 192 |           |     |     | 292 |
| 30                                                              | 267                                          |     |    |    | 300      | 205 |     |    |                       | 262 | 180 |     |           |     | 297 | 247 | 165       |     |     | 287 |
| 40                                                              | 230                                          |     |    |    | 285      | 174 |     |    |                       | 250 | 168 |     |           |     | 290 | 237 | 120       |     |     | 280 |
| 50                                                              | 180                                          |     |    |    | 265      | 125 |     |    | 295                   | 235 | 140 |     |           |     | 280 | 222 |           |     |     | 274 |
| 60                                                              |                                              |     |    |    | 245      |     |     |    | 285                   | 220 | 75  |     |           |     | 269 | 203 |           |     | 297 | 267 |
| 80                                                              |                                              |     |    |    | 195      |     |     |    | 257                   | 180 |     |     | 295       | 245 | 150 |     |           |     | 285 | 252 |
| 100                                                             |                                              |     |    |    | 90       |     |     |    | 230                   | 125 |     |     | 275       | 215 |     |     | 300       | 270 | 236 | 190 |
| 120                                                             |                                              |     |    |    |          |     |     |    | 195                   |     |     |     | 250       | 170 |     |     | 288       | 256 | 220 | 165 |
| 140                                                             |                                              |     |    |    |          |     |     |    | 150                   |     |     |     | 225       | 50  |     |     | 275       | 240 | 197 | 120 |
| 160                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     | 190       |     |     |     | 262       | 225 |     |     |
| 180                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     | 110       |     |     |     | 246       | 204 |     |     |
| 200                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     | 230       | 180 |     |     |
| 220                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     | 210       | 150 |     |     |
| 240                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     | 187       | 95  |     |     |
| 260                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     | 160       |     |     |     |
| 280                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     | 115       |     |     |     |
| 300                                                             |                                              |     |    |    |          |     |     |    |                       |     |     |     |           |     |     |     |           |     |     |     |

| Depth<br>To<br>Water<br>Level<br>In<br>Feet                     | 6S2BH6-20                                    |    |    |    | 6S2BH7-25 |     |     |     | 6S2BH9-30 |     |     |     | 6S2BH12-40 |     |     |     | 6S2BH15-50 |    |     |     |
|-----------------------------------------------------------------|----------------------------------------------|----|----|----|-----------|-----|-----|-----|-----------|-----|-----|-----|------------|-----|-----|-----|------------|----|-----|-----|
|                                                                 | DISCHARGE PRESSURE IN POUNDS PER SQUARE INCH |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     |     |
|                                                                 | 0                                            | 20 | 40 | 60 | 0         | 20  | 40  | 60  | 0         | 20  | 40  | 60  | 0          | 20  | 40  | 60  | 0          | 20 | 40  | 60  |
| CAPACITY IN GALLONS PER MINUTE AGAINST DISCHARGE PRESSURE SHOWN |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     |     |
| 0                                                               |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     |     |
| 20                                                              |                                              |    |    |    |           | 295 |     |     |           |     |     |     |            |     |     |     |            |    |     |     |
| 40                                                              |                                              |    |    |    |           | 285 |     |     |           |     | 300 |     |            |     |     |     |            |    |     |     |
| 60                                                              |                                              |    |    |    |           |     |     |     |           |     |     | 290 |            |     |     |     |            |    |     |     |
| 80                                                              |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     |     |
| 100                                                             |                                              |    |    |    |           | 285 | 262 |     |           | 300 | 280 |     |            |     |     |     |            |    |     |     |
| 120                                                             |                                              |    |    |    |           | 290 | 274 |     |           | 290 | 274 |     |            |     |     |     |            |    |     |     |
| 140                                                             |                                              |    |    |    |           | 295 | 274 | 255 |           |     |     |     |            |     |     |     |            |    |     |     |
| 160                                                             |                                              |    |    |    |           | 285 | 265 | 245 |           |     |     |     |            |     |     |     |            |    |     |     |
| 180                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     |     |
| 200                                                             |                                              |    |    |    |           | 285 | 268 | 245 | 220       | 305 | 292 | 276 | 262        |     |     |     |            |    |     |     |
| 220                                                             |                                              |    |    |    |           | 280 | 260 | 235 | 205       | 300 | 285 | 270 | 252        |     |     |     |            |    |     |     |
| 240                                                             |                                              |    |    |    |           | 270 | 250 | 220 | 180       | 295 | 280 | 265 | 246        |     |     |     |            |    |     |     |
| 260                                                             |                                              |    |    |    |           | 260 | 240 | 205 | 160       | 287 | 273 | 255 | 237        |     |     |     |            |    |     |     |
| 280                                                             |                                              |    |    |    |           | 250 | 225 | 190 | 120       | 280 | 265 | 247 | 227        |     |     |     |            |    |     |     |
| 300                                                             |                                              |    |    |    |           | 240 | 210 | 165 | 50        | 275 | 258 | 240 | 215        | 300 | 290 | 277 | 267        |    | 304 | 295 |
| 320                                                             |                                              |    |    |    |           | 230 | 195 | 130 |           | 267 | 250 | 230 | 205        | 295 | 284 | 273 | 262        |    | 300 | 292 |
| 340                                                             |                                              |    |    |    |           | 215 | 170 | 75  |           | 260 | 240 | 220 | 195        | 290 | 280 | 267 | 257        |    | 305 | 297 |
| 360                                                             |                                              |    |    |    |           | 200 | 140 |     |           | 252 | 232 | 207 | 175        | 285 | 274 | 262 | 250        |    | 302 | 293 |
| 380                                                             |                                              |    |    |    |           | 180 | 100 |     |           | 245 | 225 | 195 | 145        | 280 | 270 | 257 | 240        |    | 297 | 290 |
| 400                                                             |                                              |    |    |    |           | 150 |     |     |           | 235 | 213 | 180 | 120        | 275 | 265 | 250 | 235        |    | 295 | 286 |
| 440                                                             |                                              |    |    |    |           | 50  |     |     |           | 215 | 185 | 130 |            |     | 265 | 252 | 240        |    | 287 | 277 |
| 480                                                             |                                              |    |    |    |           |     |     |     |           | 185 | 135 |     |            |     | 255 | 240 | 220        |    | 280 | 270 |
| 520                                                             |                                              |    |    |    |           |     |     |     |           | 145 |     |     |            |     | 242 | 220 | 205        |    | 185 | 270 |
| 560                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     | 227 | 208 | 185        |    | 150 | 265 |
| 600                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     | 210 | 190 | 150        |    | 80  | 252 |
| 640                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     | 192 | 157 | 95         |    |     | 245 |
| 680                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     | 165 | 105 |            |    |     | 232 |
| 720                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     | 115 |     |            |    |     | 220 |
| 760                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     | 205 |
| 800                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     | 187 |
| 840                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     | 170 |
| 880                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     | 140 |
| 920                                                             |                                              |    |    |    |           |     |     |     |           |     |     |     |            |     |     |     |            |    |     | 50  |

Indicates 4" motor.

NOTE: Best performance will be obtained when operating within the heavy lines. For conditions above upper heavy lines check 6S2AH. For conditions below lower heavy lines check 6S2AL. Above units have a maximum overall dimension of 5-27/32 inches and will enter a 6" I.D. well. However, full capacities of these units will not be realized unless well is 7" diameter minimum.

WARNING: THESE PUMP AND MOTOR UNITS ARE DESIGNED FOR INSTALLATION IN WELLS. DO NOT INSTALL IN A SWIMMING POOL.

PRICE DOES NOT INCLUDE PRESSURE RELIEF VALVE. THESE PUMPS ARE CAPABLE OF PRODUCING VERY HIGH PRESSURES AND IT IS NECESSARY THAT A PRESSURE RELIEF VALVE (SEE ACCESSORY SECTION B030) BE INSTALLED ON THE TANK TO AVOID POSSIBLE DANGER OF BURSTING TANK AND CAUSING PROPERTY DAMAGE AND/OR PERSONAL INJURY OR DEATH.



State of Idaho

## DEPARTMENT OF WATER RESOURCES

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

JOHN V. EVANS

Governor

A. KENNETH DUNN

Director

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

June 18, 1985

Noel Bowcut  
1243 Hansen Ave.  
Burley, ID 83318

Re: Water Right Identification No. 43-7080

Dear Wateruser:

The proof of beneficial use (Form A) which you recently submitted to the department is being returned to you for the following reason:

- ☒ Proof of beneficial use has already been submitted for the water right.
- ☐ Proof of beneficial use is not applicable for existing licensed rights.
- ☐ Proof of beneficial use is not applicable for existing decreed rights.
- ☐ Proof of beneficial use is not applicable for a right represented by a claim to a water right.
- ☐ Other:

Sincerely,

RITA I. FLECK  
Secretary/Records Manager

Enclosure

cc: Region

**UNRECORDED**

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
Southern Region

---

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

AUGUST 4, 1983

NOEL B. BOWCUT  
1243 HANSEN AVE.  
BURLEY

ID 83318

RE: Permit No. 43-7060

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

MICROFILMED

July 22, 1983

Noel B. Bowcut  
1243 Hansen Ave.  
Burley, ID 83318

RE: Permit No. 43-7080

Dear Mr. Bowcut:

We are in receipt of your letter dated June 16, 1983, in which you requested a modification to the condition of approval for your permit to install a totalizing measuring device. Based on that letter, and based on our conversation earlier in the month, I have reviewed the information in the file and the pump test calculation prepared by the Raft River Rural Electric Coop., Inc., and have determined that indeed, a totalizing measuring device will not be necessary on your particular system.

The information provided to you from Raft River Rural Electric Coop., Inc. appears to be valuable from an irrigation management point of view, since it indicates a pump efficiency. However, the information on the calculation form is less complete than the information that we prefer to document for our measurement computations. For example, the calculation form shows that the operating pressure is 10 psi. In your letter you indicate that the big gun operates at a pressure of 100-110 psi, so this discrepancy is an indication that perhaps the measurement was not made under field operation conditions.

An alternative solution that is satisfactory to this office, and I trust will be satisfactory to you, is to require the installation of an access port on your water delivery system. You mentioned that you have a 4" metal pipe which lies on top of the ground in at least one location. An access port can be installed by merely tap welding a coupling with a 1/2" diameter onto this pipe. The method of welding this coupling and the manner of placement is shown on the enclosed instructions. Be advised, however, that because your pipe diameter is only 4" the coupling that you need to attach is smaller than that shown on the diagram.

Noel B. Bowcut  
July 22, 1983  
Page 2

If you have further questions about how to install the welding coupling, please contact our Southern Regional office at 1041 Blue Lakes Blvd. N., Twin Falls. If you have any questions about the enclosed order, please feel free to contact me directly, at 334-4804.

Sincerely,

DAVID R. TUTHILL, JR., P.E.  
Supervisor, Water Allocation Section

DRT:sc

Enclosures

P.S. We also acknowledge receipt of your statement of beneficial use postcard for the above-referenced permit.

cc. Southern

PLACE  
13 CENT  
STAMP  
HERE

RECEIVED

JUN 24 1983



IDAHO DEPARTMENT OF WATER RESOURCES  
STATEHOUSE  
BOISE, IDAHO 83720

MICROFILMED

# 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 of Permit No. 43-7080.

Name(s) of Permit Holder: Noel B. Bowcut

Post Office Address: 1243 Hansen Ave

Barley Idaho Tel. No. 678-0080

Source of Water: 200 ft Well

Extent of Use:

|                                                |                            |
|------------------------------------------------|----------------------------|
| <input type="checkbox"/> Domestic              | (number of households)     |
| <input checked="" type="checkbox"/> Stockwater | (number and type of stock) |
| <input checked="" type="checkbox"/> Irrigation | <u>100</u> (acres)         |
| <input type="checkbox"/> Other                 |                            |

|                   |           |                                                                     |            |                                                          |
|-------------------|-----------|---------------------------------------------------------------------|------------|----------------------------------------------------------|
| Measuring Device: | Required? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Installed? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Access Port:      | Required? | <input type="checkbox"/> Yes <input type="checkbox"/> No            | Installed? | <input type="checkbox"/> Yes <input type="checkbox"/> No |

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

6-22-83  
Date

[Signature]  
Signature of Permit Holder

RECEIVED

JUN 24 1983

June 16, 1983

Idaho Department of Water Resources

Idaho Department of Water Resources  
Statehouse  
Boise, ID 83720

Attention: Mr. Dave Tuthill

Dear Mr. Tuthill:

Thank you for considering my plight pertaining to the approval of my water permit #43-7080. Please find enclosed a completed copy of the Raft River Rural Electric report on electrical cost efficiency.

My well is 700 feet deep with 18" casing. We found water at 200 feet and with the test we were unable to get more water by going deeper. So we are drawing water at about 250 feet. The 50 horse submersible pump sits at 300 feet. We had a test pump set on this hole and they sized our pump and maximum flow rate and draw down.

We have a 4" pipe from the submersible pump to the surface. A 4" metal pipe on top of the ground going into 4" plastic pipe underground to supply our "Big Gun." Which is presently doing a real good job. The pump is producing about 100 to 110 pounds of pressure at the "Big Gun".

We presently use this pump to water approximately 100 acres as supplemental water only. This pasture grass and hay are watered by spring mountain water runoff. Our 50 horse pump is only used for supplemental water for later in the year and of course for early spring for starting the grass.

We also use the water for 200 head of cattle while pasturing in the vicinity of the pump.

If I were to install a permanent metering device I would restrict my capacity and flow rate to the extent that my present system would be useless. Not only that, but the cost would be better than \$3000 minimum plus installation. And then of course I would have \$80,000 to \$100,000 worth of wells, work, pumps, pipe, etc. sitting, useless.

MICROFILMED

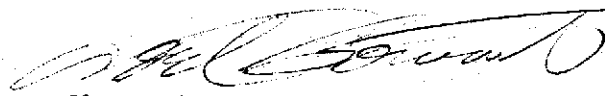
Mr. Dave Tuthill  
Page 2  
June 16, 1983

Please accept this as a formal request that you approve my water permit with the understanding that I will be responsible to have the gallons per minute pumped retested at any time upon your request.

With this agreement I am sure it would be much more practical than trying to maintain a metering device. Which of course is not only expensive to begin with, but also very expensive to maintain. As my past experience has shown.

Thank you for taking these facts into consideration. I hope to hear from you soon.

Sincerely,



NOEL BOWCUT  
KEY RANCH  
1243 Hansen Avenue  
Burley, ID 83318

RECEIVED

## PUMP TEST CALCULATION FORM:

Noel Bowcut June 22 1983  
Key Ranch

Standing water level (to ground level)

186 ft.

Pumping water level (to ground level)

294 ft.Draw down = pumping level - standing level 108 ft.

## FRICTION LOSSES:

Pump column loss: 350 ft.Piping losses: 12.6 ft.Mainline losses:          ft.Lateral losses:          ft.Operating press: 10 psi X 2.31 = 23 ft.

## TOTAL DYNAMIC HEAD:

385 ft.

## INPUT HORSEPOWER:

KW = 10 revolutions X 57.6 Kh X 1 CTR X 3.6 ÷ 46.2 seconds = 44.9 KwHp = 44.9 KW X 1.34 = 60 Hp.

## OUTPUT HORSEPOWER

Lf 8.25Rf 8.67Lr 8.35Rr 8.75Average: 8.5 FPSCollins meter: 33.26 (\*) X 8.5 ft/sec. = GPM 282.88Hp = 282.88 gpm X 385 TDH ÷ 3960 = 37.5 Hp

## EFFICIENCY:

{ 37.5 Hp (output) ÷ 60 Hp (input) } X 100 = 62 % eff.

## OTHER:

Acre-feet/day = 282.88 gpm X .00442 = 1.25 acre-feet/day.KWH/acre-foot = ( 44.9 kw X 24 ) ÷ 1.25 acre-feet/day = 862 KWH/AC. ft.

(\*) Use factor number in the Collins Meter instructions

HAFT RIVER RURAL ELECTRIC CO-OPERATIVE, INC  
P. O. BOX 617  
MALTA, IDAHO 83342Jerry R. Ud  
member Sec Rep

UNRECORDED

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

PERMIT NO. 83720  
ISSUED 8/14/80  
EXPIRES 8/14/81  
DEPARTMENT MAIL

BONCUT, NOEL B.  
1243 HANSEN AVE.  
BURLEY, ID 83318

POOR QUALITY ORIGINAL

PROOF OF NOTICE

AUG 11, 1981

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 83720  
WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO  
THIS OFFICE ON OR BEFORE AUGUST 01, 1983. (SEE LAST PAGE OF YOUR  
APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A  
POSTCARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF.

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

WHEN THE BENEFICIAL USE POSTCARD OR A REQUEST FOR AN EXTENSION OF TIME  
MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE EXTENDED PROOF  
DATE. IF NEITHER IS RECEIVED, THE DEPARTMENT WILL REVOKE THE PERMIT  
WITHIN SIXTY (60) DAYS OF THE MAILING OF THE ORDER. THE  
PERMIT WILL NO LONGER BE OF ANY FORCE NOR EFFECT.

Sincerely,

*Rita Fleck*  
RITA FLECK  
SECRETARY/RECORDS MANAGER

*Jim Johnson*  
*Dave Tutkall*  
*Pat Howell*  
*Acres*  
*System Capacity*

ENCLOSURES  
MICROFILMED

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES

---

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

BOWCUT, NOEL B.  
1243 HANSEN AVE.  
BURLEY, ID 83318

138629

PROOF DUE NOTICE

MAY 31, 1983

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 43-7080 WAS THAT PROOF OF THE EXTENT OF YOUR BENEFICIAL USE MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE AUGUST 01, 1983. (SEE LAST PAGE OF YOUR APPROVED PERMIT OR YOUR LAST APPROVED EXTENSION REQUEST). ENCLOSED IS A POSTCARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF.

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

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

SINCERELY,

ITA FLECK  
SECRETARY/RECORDS MANAGER

ENCLOSURES

RECEIVED



State of Idaho  
**DEPARTMENT OF WATER RESOURCES**  
STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS

Governor

C. STEPHEN ALLRED

Director

Mailing address:

Statehouse

Boise, Idaho 83720

(208) 384-2215

August 9, 1978

Re: Permit No. 43-7080

Noel B. Bowcut  
1243 Hansen Ave.  
Burley, ID 83318

Dear Mr. Bowcut:

Your approved copy of Application for Permit No. 43-7080 is enclosed and we direct your attention to the conditions of approval on the fourth page.

Please note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. Enclosed is a letter describing the different types of measuring devices accepted by this Department.

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., Civil No. 62237, currently pending before the District Court of Ada County.

Idaho Power officials tell us that because of Case No. U-1006-124 filed before the Idaho Public Utilities Commission, Idaho Power Company is asking the District Court of Ada County to determine whether the Power Company's water rights on the Snake River are protected against subsequent upstream appropriations in the waters of the Snake River and surface and subterranean tributaries between Milner Dam and Hells Canyon.

Since the use of water under your permit may affect the flows in this reach of the Snake River, the final decision in Idaho Power Company v. State of Idaho, et al. (Ada County Civil No. 62237) may determine to what extent the exercise of your permit may be subject to the 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.

MICHAEL ALLED

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 a subsequent license or water right.

If you have any questions, please let us know.

Sincerely,

L. GLEN SAXTON  
Chief, Operations Bureau

LGS:kw  
Enclosure

1. ☒ Name vs. Signature
2. ☒ Source
3. ☒ Point of Diversion
4. ☒ Amnt. & Period of Use
5. ☒ Descrip. of Diverting Wrks.
6. ☒ Time req. for Proof of B/U
7. ☐ Place of Use for other than irrig.
8. ☒ Place of Use for irrigation (add acres)
9. ☒ Property Owner at Pt. of Div. & Pl. of Use
10. ☒ Map
11. ☒ Fee & Rec't. No.

Copies Sent To:

|                                                               |                                                    |
|---------------------------------------------------------------|----------------------------------------------------|
| <input checked="" type="checkbox"/> Idaho Health Department   | <input checked="" type="checkbox"/> U.S.F.S.       |
| <input checked="" type="checkbox"/> Idaho Fish & Game Dept.   | <input checked="" type="checkbox"/> Dept. of Lands |
| <input checked="" type="checkbox"/> Bureau of Land Management | <input checked="" type="checkbox"/> Other          |

Dam Safety Information N/A (Goes to Permit Section)Check:Critical G.W. Area ☒ yes opened 7/22/78 ☐ noOther rights on same land None platted,Withdrawals of all protests received ☐ yes ☐ noConditions:ID Power Co. Letter - Snake R. ☐ID Power Co. Letter - G.W. & Tribs. ☐Snake River Condition ☐Payette River Letter ☐Priority Date 7/23/78Water Quality #16 ☐Water Quality #10 ☐  
intrastate ☐ interstate ☐Meas. Dev. or Sc. Meas. ☐Totalizing measuring device  
shall be installed & maintained  
Supplemental ☒ at pt. of diversionRight-of-Way Cond. ☐Watermaster Cond. ☒Wtr. Dist No. 43CCassia Creek  
Meas. Dev. Cond. for apps within  
a Water Dist. ☐Cond # 8Also attached condition

Jan Prover  
Reviewer  
8/1/78  
Date

The average yearly  
diversion for irri-  
gation shall not  
exceed 3.0 acre feet  
per acre from all  
sources combined  
over any five-year  
period.

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1. How soon would you proceed to have the well constructed?

The first well is 600 ft. deep and 10 in. of water  
The second well now is 300 ft. deep west of house  
and is under construction.

2. Do you anticipate using the water from the well as the primary source of water for irrigation or as a secondary source for land presently being irrigated from a surface water source? Also show number of new acres to be irrigated.

A secondary source for water suppliment.

3. Do you plan to, in fact, irrigate and/or develop all the land shown on the application? If not, how many acres?

~~All of the land on application is already developed~~  
and just needs supplimental water for fall and dry  
years.

4. Would you object to the Department issuing your permit for half or a third of the amount applied for?

~~One-half would be better than nothing.~~

5. What manner do you feel would be an equitable way in which to issue the permits if less than applied for?

~~Those applying first and those developing first should~~  
have first priority.

Sincerely,



Noel Bowcut  
1243 Hansen Ave.  
Burley, Idaho 83318

MAIL ROOM



State of Idaho  
**DEPARTMENT OF WATER RESOURCES**  
STATE OFFICE, 373 W. Franklin Street, Boise, Idaho

JOHN V. EVANS  
Governor

C. STEPHEN ALLRED  
Director

Mailing address:  
Statehouse  
Boise, Idaho 83720  
(208) 384-2215

July 11, 1978

Re: Application for Permit No. 43-7080

Noel B. Bowcut  
1243 Hansen Ave.  
Burley, ID 83318

The Department has received approximately 18 applications for the appropriation of groundwater in the Elba sub-basin. An estimated depletion of the aquifer based on those applications is approximately 4800 acre feet per year. The average annual underflow available in the Elba sub-basin, however, has been estimated at approximately 1400 acre feet per year.

Since we have received applications in excess of water available, it would be most helpful to the Department in the analysis of this matter, if you would provide some additional information. This office has been advised by our Southern Regional office that some wells have been drilled without too much success.

Attached is a sheet with five questions. Please complete the sheet and return to this office by July 21st, 1978.

Your accurate response to these questions will be appreciated by the Department.

Sincerely,

L. GLEN SAXTON  
Chief, Operations Bureau

LGS:kw  
Attachment

MAILED  
JUL 11 1978

DEPARTMENT OF WATER RESOURCES  
- STAFF ANALYSIS -

Item Initial Date

Application No. 43-7080 - Noel B. Bowcut

☒ Source  
☒ Point of Diversion  
☒ County  
☒ Quantity of Water and Period of Use  
☒ Description of Diverting Works  
☒ Time required for B/U of water  
☒ Place of Use or Acres Irrigated  
☒ Map  
☒ Signature  
☒ Fee

(1) BZ. 7/5/77

In form to receipt

(2) \_\_\_\_\_

Send Copies to:

\_\_\_\_\_ Idaho State Health Department  
\_\_\_\_\_ Idaho Fish and Game Department  
\_\_\_\_\_ Bureau of Land Management

(3) \_\_\_\_\_

\_\_\_\_\_ Request Special Use Permit from U.S.F.S.  
\_\_\_\_\_ Request Easement from B.L.M.  
\_\_\_\_\_ Request Information from Applicant

(4) js 7-5-77

In form for advertising

(5) \_\_\_\_\_

Platted on Map No. \_\_\_\_\_

(6) ADM 8-1-77

Located within Water District No. 43-C

(7) ADM 8-1-77

Critical groundwater area: yes \_\_\_\_\_ no ☒ Elb2 Basin

(8) ADM 8-1-77

Groundwater levels:

\_\_\_\_\_ Declining, ☒ Stable, \_\_\_\_\_ Increasing

(comment) Elb2 Basin

(9) \_\_\_\_\_

Cal Other rights on the same place of use none

(10) \_\_\_\_\_

Comments: \_\_\_\_\_

(11) AB 8/1/77

Affidavit of Publication received(date) 8/29/77

(12) Am 7/5/77

Final date for protests 7/29/77

Protests received: yes \_\_\_\_\_ no ☒

(13) ADM 8-1-77

All requested information received from agencies or applicant: yes ☒ no \_\_\_\_\_

(14) ADM 8-1-77

Action recommended:

☒ Approve

\_\_\_\_\_ Deny

\_\_\_\_\_ Proposed Priority

\_\_\_\_\_ Reason for Reduction \_\_\_\_\_

☒ Measuring device required

\_\_\_\_\_ See attached sheet for other conditions of approval

\_\_\_\_\_ No special conditions for approval

District Southern

By

Allen Merritt  
For Regional Supervisor

Date 8-1-77

cc: Sent to Boise 7/7/77

Supplemental  
MEB

July 5, 1977

South Idaho Press  
Box 190  
Burley, ID 83318

Re: Application for Permit No. 43-7080 - Noel B. Bowcut

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing ample time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. If you cannot publish the notice on the proposed dates, please contact us immediately.

In order to receive payment, an affidavit of publication must be submitted to the Department along with the publication bill.

Sincerely,

Michael L. Steele  
Southern Region Supervisor

MLS:sm

Enclosure

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Bill submitted: \_\_\_\_\_

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that Noel B. Rowcut

Burley, ID 83318

has on 7/5/77 submitted Application No. 43-7080

for a permit to appropriate 6.4 cubic feet per second ~~acre feet per annum~~

of water from groundwater

by means of well, pump, & sprinkler system

within the NW<sup>1</sup>/<sub>4</sub> SE<sup>4</sup>/<sub>4</sub>, Sec. 11, Twp. 13S, Rge. 25E., B.M., Cassia County

and SE<sup>1</sup>/<sub>4</sub> SW<sup>4</sup>/<sub>4</sub>, Sec. 11, Twp. 13S, Rge. 25E., B.M.

to be used from Mar. 15 to Nov. 15

for irrigation purposes of 320 acres

within the SW<sup>1</sup>/<sub>4</sub> NE<sup>1</sup>/<sub>4</sub>, E<sup>1</sup>/<sub>2</sub> SW<sup>1</sup>/<sub>4</sub>, W<sup>1</sup>/<sub>2</sub> SE<sup>1</sup>/<sub>4</sub>, Sec. 11; NW<sup>1</sup>/<sub>4</sub>, Sec. 14, Twp. 13S, Rge. 25E., B.M.

If issued, this permit will be subject to all prior water rights. Protests against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before July 29, 1977.

C. Stephen Allred

Director

Published in the South Idaho Press

on 7/12 and 7/19/77

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77-282

**NOTICE OF APPLICATION  
FOR WATER PERMIT**

Notice is hereby given that Noel B. Bowcutt, Burley, ID 83318 has on 7/5/77 submitted Application No. 43-7580 for a permit to appropriate 6.4 cubic feet per second of water from groundwater by means of well, pump, & sprinkler system within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ , Sec. 11, Twp. 13S, Rge. 25E, B.M., Cassia County and SE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 11, Twp. 13S, Rge. 25E, B.M. to be used from Mar. 15 to Nov. 15 for irrigation purposes of 320 acres within the SW $\frac{1}{4}$ NE $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , Sec. 14, NW $\frac{1}{4}$ , Sec. 14, Twp. 13S, Rge. 25E, B.M.

If issued, the permit will be subject to all prior water rights. Protest against the granting of the permit must be filed with the Idaho Department of Water Resources, 1041 Blue Lakes Blvd., North, Twin Falls, Idaho, 83301 on or before July 29, 1977.

C. Stephen Allred  
Director

Published in the South Idaho Press on  
7/12 and 7/19/77.

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3/79

IDENT. NO. 43-7080

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]