

State of Idaho  
Department of Water Resources

# WATER RIGHT LICENSE

WATER RIGHT NO. 95-08350

Priority: June 20, 1983

Maximum Diversion Rate:

0.04 CFS

Maximum Diversion Volume:

0.6 AF

This is to certify, that BETTIE LOWDER

PO BOX 57083

MURRAY UT 84157

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated June 20, 1983; and has submitted Proof of Beneficial Use on August 1, 1988. An examination indicates that the works have a diversion capacity of .040 cfs of water from:

**SPRING**

tributary to **ALDER CREEK**

source, and a water right has been established as follows:

| <u>BENEFICIAL USE</u> | <u>PERIOD OF USE</u> | <u>RATE OF DIVERSION</u> | <u>ANNUAL VOLUME</u> |
|-----------------------|----------------------|--------------------------|----------------------|
| DOMESTIC              | 01/01 to 12/31       | 0.04 CFS                 | 0.6 AF               |

LOCATION OF POINT(S) OF DIVERSION:

SESENE , Sec. 32, Township 45N, Range 03W  
BENEWAH County

PLACE OF USE: DOMESTIC

TWN RGE SEC

45N 03W 32

SENE

CONDITIONS/REMARKS:

1. The maximum diversion volume is defined as the maximum allowable volume of water that may be diverted annually from the source under this right. The use of water confirmed by this right is limited to the amount which can actually be beneficially used. The maximum diversion volume may be adjusted to more accurately describe the beneficial use or to implement accepted standards of diversion and use efficiency.
2. This water right is appurtenant to the described place of use.
3. This right is subject to all prior water rights and may be forfeited by five years of non-use.
4. Modifications to or variance from this license must be made within the limits of Section 42-222, Idaho Code, or the applicable Idaho law.
5. Domestic use is for 1 home.

RECORDED

AUG 31 1993

State of Idaho  
Department of Water Resources

**WATER RIGHT LICENSE**

WATER RIGHT NO. 95-08350

This license is issued pursuant to the provisions of Section 42-219, Idaho Code.  
Witness the seal and signature of the Director, affixed at Boise, this 12<sup>TH</sup>  
day of JULY, 1993.

Acting for *R. Keith Higginson*, Director

AUG 21 1993

RECEIVED

AUG -1 1988

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

Office use only  
Fee Received 7/27/88  
Date 7/27/88  
Receipt #  
Receipt by 36  
Reviewed by  
Sent to region 8-10 88

# PROOF OF BENEFICIAL USE

Department of Water Resources

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

Permit No. 95-8350

Name(s) of Permit Holder: BETTIE JO LOWDER

Post Office Address: Box 7083, MURRAY, UT 84107

Telephone No. 801-561-2692 / 581-7851

Source of Water: SPRINGS

Extent of Use:

Domestic 1 (number of households) Stockwater 2 (number and type of stock)

Irrigation LEG LESS THAN 1/4 ACRES Other/Remark

Total rate and/or volume for which proof is submitted .04 cfs \_\_\_\_\_ acre-feet

Show the date water was first diverted and beneficially used under this permit: 4/20/83

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

Fee enclosed \$ 10  
(See License Examination Fee Schedule)

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

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

(Name)

(Telephone Number)

(Address)

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

7/27/88  
Date

Bettie Jo Lowder  
Signature of Permit Holder (and title, if appropriate)

AUG 18 1988

RECEIVED

STATE OF IDAHO

**APPROVED**  
**APPLICATION FOR AMENDMENT OF A PERMIT**

**To change the point of diversion and/or the place of use.**

Comes now Beth Jo Lowder Phone 801-561-2692

of (address) POB 7083, Murray, UT, 84107, 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. 95-8350, and requests that the permit and permit map be changed as follows:

1. Source of water is two Springs tributary to Alder Creek  
Point of diversion: No change in location, Township \_\_\_\_\_, Range \_\_\_\_\_, B.M.,  
County of \_\_\_\_\_ . Other points of diversion: \_\_\_\_\_

2. Period and nature of use: (irrigation, domestic, stockwatering, industrial, etc.)

No change  
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)  
Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre feet per annum)

3. Place of use or land to be irrigated:

No change

| TWP | RGE | SEC | NE¼ |     |     |     | NW¼ |     |     |     | SW¼ |     |     |     | SE¼ |     |     |     | TOTALS |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
|     |     |     | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ | NE¼ | NW¼ | SW¼ | SE¼ |        |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |

Total number of acres to be irrigated = \_\_\_\_\_

4. a. Who owns the property at the point of diversion? Applicant  
b. Who owns the land to be irrigated or the 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: \_\_\_\_\_

**Show 40-acre subdivisions, townships, ranges and ditches.**

[illegible]

§ That no one will be injured by such change, and that such change will be made at permit holder's own risk.

Signed at Coeur d'Alene, Id, this 6<sup>th</sup> day of Sept., 19 93.

x Bettie Jo Fowler  
(Signature)

Preliminary check by JS Fee = \$20.00

Received by JK Date (31336) 9-6-83

Publication prepared by \_\_\_\_\_ Date \_\_\_\_\_

Published in St. Marie's Gazette & Record

Publication dates Sept 14, Sept 31, 1983

I, L. GLEN SAXTON, of the Department of Water Resources hereby

Approve the above referenced Amendment provided the conditions as set forth on  
page 4 of Permit No. 95-8350 are met.

Witness my hand this 17 day of November

19 83  
A. Glen Sayton  
Chief, Operations Bureau

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
APPLICATION FOR PERMIT

To appropriate the public waters of the State of Idaho

RECEIVED  
Ident. No. 95-8350  
JUN 20 1983  
APPROVED  
Department of Water Resources  
North District Office  
(801)

1. Name of applicant BETTIE LOWDER Phone 561-2692

Post office address BOX 7083 MURRAY, UT 84107

✓ 2. Source of water supply TWO SPRINGS which is a tributary of BENEWAH CREEK

3. Location of point of diversion is SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Section 32 Township 45N

Range 3W B.M. BENEWAH County, additional points of diversion if any: \_\_\_\_\_

4. Water will be used for the following purposes:

Amount 0.04 for DOMESTIC purposes from JAN 1 to DEC 31 (both dates inclusive)  
(cfs or acre-feet per annum)

Amount 0.03 for IRRIGATION purposes from MAR 15 to NOV 15 (both dates inclusive)  
(cfs or acre-feet per annum)

Amount 0.02 for STOCKWATER purposes from JAN 1 to DEC 31 (both dates inclusive)  
(cfs or acre-feet per annum)

Amount \_\_\_\_\_ for \_\_\_\_\_ purposes from \_\_\_\_\_ to \_\_\_\_\_ (both dates inclusive)  
(cfs or acre-feet per annum)

5. Total quantity to be appropriated:

a. 0.09 cubic feet per second and/or b. \_\_\_\_\_ acre-feet per annum.

6. Proposed diverting works:

a. Description of ditches, flumes, pumps, headgates, etc. DIVERSION WORKS & PIPELINE.

b. Height of storage dam \_\_\_\_\_ feet, active reservoir capacity \_\_\_\_\_ acre-feet; total reservoir capacity \_\_\_\_\_ acre-feet, materials used in storage dam: \_\_\_\_\_

Period of year when water will be diverted to storage \_\_\_\_\_ to \_\_\_\_\_ inclusive.  
(Month/Day) (Month/Day)

c. Proposed well diameter is \_\_\_\_\_ inches; proposed depth of well is \_\_\_\_\_ feet.

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

8. Description of proposed uses:

a. If water is not for irrigation:

(1) Give the place of use of water: SE  $\frac{1}{4}$  of NE  $\frac{1}{4}$  of Section 32 Township 45N  
Range 3W B.M.

(2) Amount of power to be generated: \_\_\_\_\_ horsepower under \_\_\_\_\_ feet of head.

(3) List number of each kind of livestock to be watered 2 HEAD

(4) Name of municipality to be served \_\_\_\_\_, or number of families to be supplied with domestic water ONE.

(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 |        |
| 45N | 3W    | 32   |     |     |     | 1   |     |     |     |     |     |     |     |     |     |     |     |     | 1      |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |        |
|     |       |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 1      |

Total number of acres to be irrigated 1

c. Describe any other water rights used for the same purposes as described above. NONE

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

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

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 \_\_\_\_\_

32 T-45N

11 ~~ZZZ~~

R-3W

Bethie Lubler  
(Applicant)

(Applicant)

Proposed Priority 6/20/1983 Received by JK Date 6-20-83 Time 12:00 PM <sup>(noon)</sup>

Preliminary check by R6H Fee \$ 30.00

Received by pms Date 6/20/83 # 27733

Publication prepared by J Date 6/23/83

Published in St. Marias Gazette Record

Publication dates 6/30 - 7/7/83

Publication approved J Date 8/4/83

Protests filed by: none

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

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

Recommended for approval denial by JK JK

#### 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. 95-8350, and said application is hereby APPROVED.

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

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before August 1, 19 88.

c. The rate of diversion, if water is to be used for irrigation under this permit, when combined with all other water rights for the same land shall not exceed 0.02 cubic feet per second for each acre of land.

d. Other:

Permit holder shall commence the excavation or construction of diverting works within one year of the date this permit is issued and shall proceed diligently until the project is complete.

Witness my hand this 25<sup>th</sup> day of August, 1983.

A. Glen Saylor  
Chief, Operations Bureau

RECEIVED

WR0749NP  
No. L95-08350

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

DATE: 07/02/93  
PAGE: 1

| OWNER<br>CODE    | NAME & ADDRESS                                                     | PRIORITY<br>DATE | WATER USE | USE PERIOD<br>FROM TO | DIVERSION<br>RATE | DIVERSION<br>VOLUME |
|------------------|--------------------------------------------------------------------|------------------|-----------|-----------------------|-------------------|---------------------|
| C                | BETTIE LOWDER<br>PO BOX 57083<br>MURRAY UT 84157<br>(801) 581-7851 | 06/20/1983       | DOMESTIC  | 01-01 12-31           | 0.04 CFS          | 0.6 AFA             |
| TOTAL DIVERSION: |                                                                    |                  |           |                       | 0.04 CFS          | 0.6 AFA             |

Water Source: SPRING

Tributary to: ALDER CREEK

Stage: LICENSE

Point(s) of Diversion Capacity: 0.04 CFS

Point(s) of Diversion: T45N R03W S32 SE SE NE

Place of use Legal Description for: DOMESTIC

| NE  |     |    |   | NW |    |    |    | SW |    |    |    | SE |    |    |    |   |    |    |    |    |    |    |    |    |   |
|-----|-----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|----|----|----|----|----|----|---|
| T   | R   | S  | : | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | : | Lt | Ac | Lt | Ac | Lt | Ac | Lt | Ac | : |
| 45N | 03W | 32 | : |    |    |    |    |    |    |    |    |    |    |    |    |   | :  |    |    |    |    |    |    |    | : |
|     |     |    | : |    |    |    |    |    |    |    |    |    |    |    |    |   | :  |    |    |    |    |    |    |    | : |
|     |     |    | : |    |    |    |    |    |    |    |    |    |    |    |    |   | :  |    |    |    |    |    |    |    | : |

Pou County: BENEWAH

~~Non-Irrigation Uses: S/2 RANGE, D/1 HOME.~~

Other Water Rights Listing Overlapping Place(s) of use:  
95-08350

Remarks: Domestic use is for 1 home.

|        |                 |            |                    |            |
|--------|-----------------|------------|--------------------|------------|
| Dates: | App. Received:  | 06/20/1983 | Priority Date:     | 06/20/1983 |
|        | Proof Due Date: | 08/01/1988 | Proof Made Date:   | 08/01/1988 |
|        | Exam Made Date: | 07/09/1992 | Exam Sent to S.O.: | 06/08/1993 |
|        | Licensed Date:  |            |                    |            |

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

Audit: 07/02/93 CHAPMAN

# LICENSE REVIEW CHECKLIST

Permit # 95-8350 Date 7-2-93 Brenda Chapman

|               |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NAME          | Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>                                                                                                                                                                         | Or <u>Address</u> Change?                                                                                                                                                                                        |
| PRIORITY DATE | <input checked="" type="checkbox"/> Advance? <input checked="" type="checkbox"/> Memo to Advance                                                                                                                                                       | <input checked="" type="checkbox"/> Order to Reinstate Needed?                                                                                                                                                   |
| SOURCE        | <input checked="" type="checkbox"/> Changes? Clarification of Originally Intended source                                                                                                                                                               | <input checked="" type="checkbox"/> Notice of Intent to Void - Source change.                                                                                                                                    |
| P/D           | <input checked="" type="checkbox"/> Amendment Needed?                                                                                                                                                                                                  | <input checked="" type="checkbox"/> Is Overlap Analysis a Consideration?                                                                                                                                         |
| P/U           | <input checked="" type="checkbox"/> Amendment Needed?                                                                                                                                                                                                  | <input checked="" type="checkbox"/> Is Overlap Analysis a Consideration?                                                                                                                                         |
| TOTAL CFS     | <u>-NA-</u> Incorrect Fee for rate recommended?<br><u>-NA-</u> Disagree/Measurement<br><u>-NA-</u> Pumping Theoretical $(8.8) \times (.70) \times ( )$<br>$( ) + [2.31 \times ( )]$                                                                    | <input checked="" type="checkbox"/> System Capacity <u>.04</u><br>Allowable Amount: <u>Permit limit .04</u>                                                                                                      |
| TOTAL VOLUME  | Rate/ac _____ AFA Irr. Season _____<br>Standard Irr. Season _____<br>Season Recommended _____                                                                                                                                                          | <input checked="" type="checkbox"/> Disagree with Examiner's Calculations?<br><u>Internal domestic .6 AF</u><br><input checked="" type="checkbox"/> Flow limit: <u>.04</u> x 365 x 1.9835 = <u>29 &gt; .6 AF</u> |
| USES          | <input checked="" type="checkbox"/> Change(s) in Nature of Use?                                                                                                                                                                                        | <input checked="" type="checkbox"/> Amendment Needed?                                                                                                                                                            |
| REMARKS       | <input checked="" type="checkbox"/> Multiple P/Ds in 1/4 1/4?<br><input checked="" type="checkbox"/> Non-Irr. Uses <u>Domestic</u><br><input checked="" type="checkbox"/> Special Overlap Condition<br><input checked="" type="checkbox"/> Other _____ |                                                                                                                                                                                                                  |
| CONDITIONS    | <input checked="" type="checkbox"/> Measuring Devices<br><input checked="" type="checkbox"/> W/Master Control<br><input checked="" type="checkbox"/> Overlap<br><input checked="" type="checkbox"/> Water Quality                                      | Dates/Misc<br>_____ Water Dist<br><u>6-20-83</u> App Rec'd<br><u>7-9-92</u> Exam Made                                                                                                                            |

COMMENTS: ① REDUCE rate ② Delete irrigation & STOCKWATER USES.

| RECOMMENDED | CFS        | VOL       |
|-------------|------------|-----------|
| Irrigation  |            |           |
| Domestic    | <u>.04</u> | <u>.6</u> |
| Stockwater  |            |           |
|             |            |           |
|             |            |           |

LICENSE ☒  
AMEND \_\_\_\_\_

RECEIVED  
JUN 10 1993

Form 219  
6/86

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
**BENEFICIAL USE FIELD REPORT**

Department of Water Resources

**A. GENERAL INFORMATION**

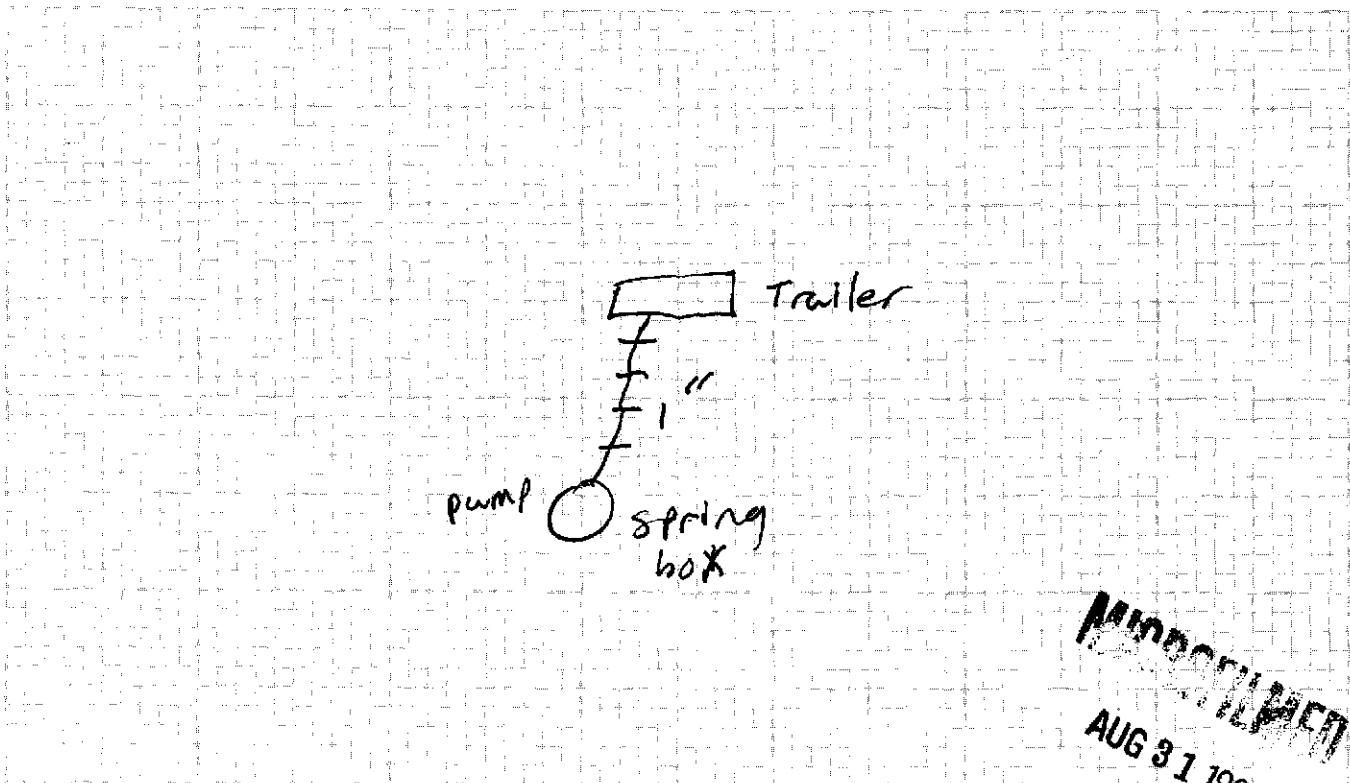
1. Owner: Bette Lowder Permit No. 95-08350  
Current Address: P.O. Box 7083, Murray, UT 84107 Phone No. 801-581-7851  
2. Accompanied by: Duke Implessis EXAM. DATE: 7/9/92  
Address: Rt. 1, Box 162A, St. Maries Phone No. \_\_\_\_\_  
83861  
Relationship to Permit Holder: Neighbor  
3. Source: \_\_\_\_\_ tributary to \_\_\_\_\_

**B. OVERLAP REVIEW**

1. Other water rights with same place of use: None ☐ Copies Attached  
2. Other water rights with same point of diversion: None ☐ Copies Attached ☐ Copies of Field Exam's Attached

**C. SYSTEM DESCRIPTION**

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



Scale: 1" = NTS

2. ☒ Copy of U.S.G.S. Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required). ☐ Aerial Photo Attached (required for irrigation of 10 acres or more).  
☐ Photo of Diversion and System Attached (required for all but single household domestic groundwater, and stockwater).

**System Description (continued)**

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

Spring is caught in Spring-box and pumped through 1" line to place of use

☐ See Remarks on page 4 for continuation

4.

| Well or Diversion Identification No.* | Motor Make | Hp | Motor Serial No. | Pump Make | Pump Serial No. or Discharge Size |
|---------------------------------------|------------|----|------------------|-----------|-----------------------------------|
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |
|                                       |            |    |                  |           |                                   |

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

5. **Point(s) of Diversion:**

| Ident. No. | Gov't. Lot | 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. | County  | Method of Determination/Remarks |
|------------|------------|-----|-----|-----|------|------|------|---------|---------------------------------|
|            |            | SE  | SE  | NE  | 32   | 45N  | 03W  | Berewah | Map                             |
|            |            |     |     |     |      |      |      |         |                                 |
|            |            |     |     |     |      |      |      |         |                                 |
|            |            |     |     |     |      |      |      |         |                                 |

6. **Place(s) of Use:**

Indicate Method of Determination

Map

| Twp. | Rge. | Sec. | NE 1/4 |        |        |        | NW 1/4 |        |        |        | SW 1/4 |        |        |        | SE 1/4 |        |        |        | Totals |
|------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|      |      |      | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 | NE 1/4 | NW 1/4 | SW 1/4 | SE 1/4 |        |
| 45N  | 03W  | 32   |        |        |        | 0      |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|      |      |      |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |

**NOT RECORDED**

**AUG 31 1993**

Do not use this space

Do not use this space

**D. FLOW MEASUREMENTS** *None* ☐ Additional Data Sheets Attached

1.

| Measurement Equipment | Type | Make | Model No. | Serial No. | Size | Calib. Date |
|-----------------------|------|------|-----------|------------|------|-------------|
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |
|                       |      |      |           |            |      |             |

2. Measurements:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**E. FLOW CALCULATIONS** ☐ Additional Computation Sheets Attached

1. Measured Method:

2. Alternate Method for Checking Purposes: *1 domestic = .04 cfs*

**F. PUMP EFFICIENCY DATA (Optional)**

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

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

Water HP: (3) x (4) ÷ 8.8 = \_\_\_\_\_ (5)

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

Meter Input HP: (6) x 1.34 = \_\_\_\_\_ (7)

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

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

**G. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$  \_\_\_\_\_

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

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

2. Volume Calculations for Other Uses:

*1 domestic = 0.6 AF*

**MAINTAINED**  
AUG 31 1993

#### H. REMARKS AND OVERLAP REVIEW ANALYSIS

-other spring was developed for stock use, NO  
Stock, so spring is not in use.

#### I. RECOMMENDATIONS

##### 1. Recommended Amounts

| Beneficial Use | Period of Use |       | Rate of Diversion<br>Q (cfs) | Annual Volume<br>V (afa) |
|----------------|---------------|-------|------------------------------|--------------------------|
|                | From          | To    |                              |                          |
| Domestic       | 1/1           | 12/31 | .04                          | 0.6 AF                   |
|                |               |       |                              |                          |
|                |               |       |                              |                          |
| Totals:        |               |       | .04 cfs                      | 0.6 AF                   |

##### 2. Recommended Amendments

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

#### J. AUTHENTICATION

Field Examiner's Name

Robert Knoblock

Signature

Robert Knoblock

Certification Date

Field Report Preparation Date

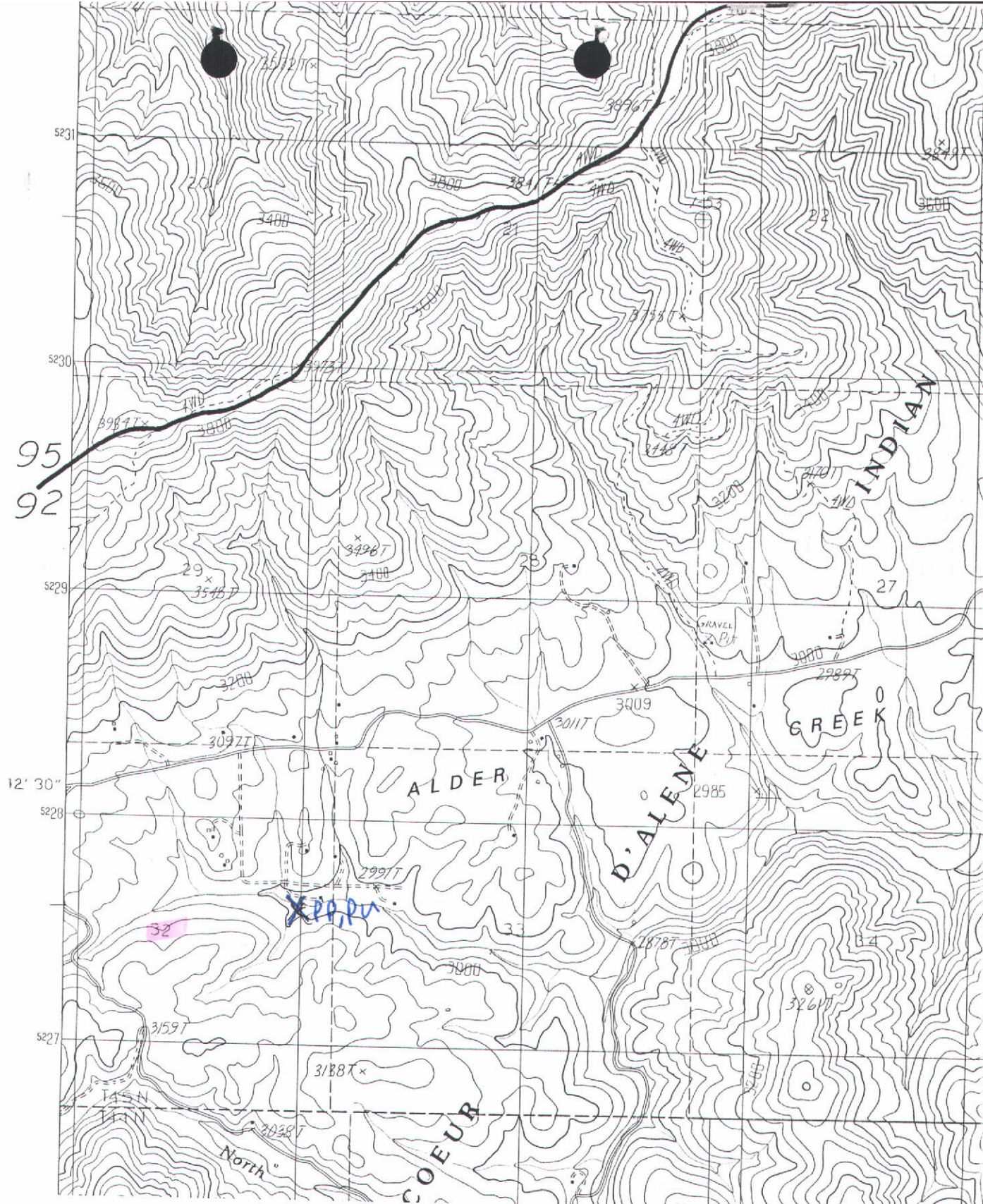
7/10/92

CONSULTANT SEAL

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

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AUG 31 1993



BETTIE LINDER (801) 561-2692 95-08350  
Box 7083 MURRAY, UT 84147 MAP #20 H-5  
 apply TWO SPRINGS which is a tributary of ALDER CREEK  
 if diversion is JE % of NE % of Section 32 Township 43N R3W PD&PU

**MICROFILMED**

**AUG 31 1993**

John  
Point

PERMIT # 95-8350

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
FIELD REPORT SUPPLEMENT

P H O T O G R A P H S

PD



PU

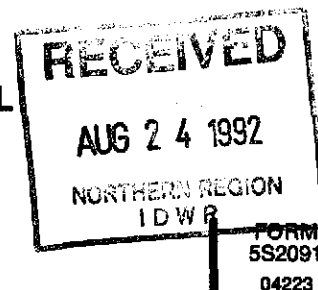


UNRECORDED

AUG 31 1993



INSTALLATION INSTRUCTIONS & PARTS MANUAL  
SHALLOW WELL PUMP SYSTEM  
MODEL 1P979B



DAYTON ELECTRIC MANUFACTURING CO. CHICAGO 60648

0482/174/1M

READ INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE OR SERVICE THE TEEL PUMP. PROTECT YOURSELF AND OTHERS BY OBSERVING ALL SAFETY INFORMATION AND ADDITIONAL INSTRUCTIONS INCLUDED WITH THIS EQUIPMENT. FAILURE TO COMPLY WITH INSTRUCTIONS COULD RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE!  
RETAIN INSTRUCTIONS FOR FUTURE REFERENCE.

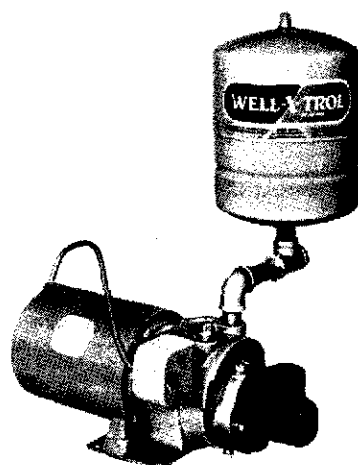


Figure 1

### Description

The Teel shallow well pump system consists of a shallow well pump and a precharged, 2 gallon capacity, Well-X-Trol tank, No. 131009. It is designed for shallow well application and can be used for driven well points, dug wells, drilled wells and cisterns in year-around homes, trailers, and cabins. It comes completely assembled to save on-site installation and is equipped with a  $\frac{1}{2}$  HP split phase (115 volt) motor and a pressure switch, preset at 20-40 PSI which can be adjusted up to 30-50 PSI

### Unpacking

Open carton and remove pump and tank unit. Check for loose, missing or damaged parts.

### General Safety Information

1. Know the pump application, limitations, and potential hazards.

**WARNING: DO NOT USE TO PUMP FLAMMABLE OR EXPLOSIVE FLUIDS SUCH AS GASOLINE, FUEL OIL, KEROSENE, ETC. DO NOT USE IN EXPLOSIVE ATMOSPHERES. PUMP SHOULD ONLY BE USED WITH LIQUIDS COMPATIBLE WITH PUMP COMPONENT MATERIALS. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE.**

2. Make certain that the power source (electric motor) conforms to the requirements of your equipment.
3. Provide adequate protection and guarding around moving parts.
4. Disconnect power before servicing.
5. Release all pressure within the system before servicing any component.
6. Drain all liquids from the system before servicing.
7. Secure the discharge line before starting the pump. An unsecured discharge line will whip, possibly causing personal injury and/or property damage.
8. Check hoses for weak or worn condition before each use, making certain that all connections are secure.
9. Periodically inspect pump and system components. Perform routine maintenance as required (See MAINTENANCE Section).
10. Provide a means of pressure relief for pumps whose discharge line can be shut off or obstructed.
11. Personal Safety:

### Specifications

| MODEL  | MOTOR         |         |    |    |      | MOTOR<br>CONNECTED<br>FOR | PRESSURE<br>SWITCH<br>SETTING | INCHES NPT        |                     | DIMENSIONS |     |                    |    | TANK<br>CAPACITY<br>GALLONS |
|--------|---------------|---------|----|----|------|---------------------------|-------------------------------|-------------------|---------------------|------------|-----|--------------------|----|-----------------------------|
|        | HP            | VOLTAGE | PH | HZ | RPM  |                           |                               | SUCTION<br>INLET  | DISCHARGE<br>OUTLET | H          | W   | L                  | WT |                             |
| 1P979B | $\frac{1}{2}$ | 115 V   | 1  | 60 | 3450 | 115 V                     | 20-40 PSI                     | 1 $\frac{1}{4}$ " | $\frac{3}{4}$ "     | 22"        | 14" | 18 $\frac{1}{4}$ " | 53 | 2 GAL.                      |

### Performance Chart

| MODEL  | HP            | PUMP<br>TYPE | APPLICATION | PSI | GPH @ PSI DEPTH MEASURED FROM PUMP TO WATER TABLE |     |     |     |     |   |   |
|--------|---------------|--------------|-------------|-----|---------------------------------------------------|-----|-----|-----|-----|---|---|
|        |               |              |             |     | 5'                                                | 10' | 15' | 20' | 25' |   |   |
| 1P979B | $\frac{1}{2}$ | S.W.         | S.W.        | 20  | 650                                               | 570 | 520 | 420 | 340 | — | — |
|        |               |              |             | 30  | 630                                               | 550 | 510 | 410 | 330 | — | — |
|        |               |              |             | 40  | 490                                               | 440 | 420 | 360 | 320 | — | — |
|        |               |              |             | 50  | 320                                               | 290 | 260 | 220 | 180 | — | — |

STATE OF IDAHO  
DEPARTMENT OF WATER RESOURCES  
COMMENCEMENT OF WORKS

AUG 31 1993

Permit No. 95-8350

Name(s) of Permit Holder(s): Bettie Jo Lowder

Post Office Address: PO Box 7083

Murray, Ut. 84107

Tel. No. 801 561-2692

☒ I hereby certify that construction of diversion works for the above referenced permit began on July 26, 1984. I understand that I must  
(date)

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.

7/26/84  
Date

Bettie Jo Lowder  
Signature of Permit Holder

1/88

PROOF OF BENEFICIAL USE

ANALYSIS SHEET

Permit No. 95-8350

Date: 8-10-1988

General Considerations:

y Name same as permit  
y Signature the same as permit holder  
y Address change \_\_\_\_\_ If yes, prepare a data entry  
y Proof received timely  
N/A Reinstated

Source of Water:

y Surface water  
y Groundwater  
N/A 1. well log in file  
N/A 2. drilling permit  
\_\_\_\_\_ A. amount of drilling fee paid for proposed uses

Extent of Use and Rate of Diversion:

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

Measuring Device:

N/A Is a measuring device or access port required?  
N/A Has one been installed?  
N/A Waiver or modification of measuring device requested

Remarks: Proof acceptable

N/A Priority Calculation:

|                     |       |         |
|---------------------|-------|---------|
| Date proof received | _____ | _____   |
| Date proof due      | _____ | + _____ |
| No. of days late    | _____ | = _____ |
| Priority date       | _____ | + _____ |
| NEW PRIORITY DATE   | _____ | = _____ |

SEND FILES TO DATA ENTRY AND THEN TO MICROFILM

State of Idaho  
Department of Water Resources

AMENDMENT ANALYSIS SHEET

INITIAL REVIEW BY: R

Right Number 95-8350 Applicant Lowder

Purpose of Amendment: ☐ Change point of diversion. ☐ Add diversion point(s).  
☐ Increase amount. ☐ Change place of use. ☒ Other Change Source

CHECK:

- N/A ☒ Description of amended point(s) of diversion.  
N/A ☒ Amount, nature and period of use. ~~If increased, delay date of priority.~~  
N/A ☒ Description of amended places of use. ~~If expanded, delay date of priority.~~  
OK ☒ Ownership of point of diversion and place of use.  
OK ☒ Map.  
OK ☒ Signature (must be permit holder).  
OK ☒ Fee.  
N/A ☒ Existing water rights from the same source, amended place of use.  
N/A ☐ Right number(s) \_\_\_\_\_  
OK ☒ Yes ☐ No Should amendment be advertised? -  
OK ☐ Yes ☒ No ~~Should date of priority be delayed? If yes, to what date?~~ \_\_\_\_\_

FINAL REGIONAL PROCESSING REVIEW:

- ☒ Affidavit of publication received.  
☒ Amendment published correctly.  
☐ Protests processed.  
☒ Approve.  
☐ Deny.

Source is same tributary  
is changed. The tributary  
shown on original permit  
is in error.

Jm

Conditions use standard approval language

By RJA Date 10/17/83

STATE OFFICE PROCESSING:

- ☒ Amendment correct and complete. By Jm Date 10-31-83  
☐ Approved copy sent to applicant and to Region. By \_\_\_\_\_ Date \_\_\_\_\_

NOTICE OF APPLICATION FOR AMENDMENT OF A PERMIT

Notice is hereby given the Bettie Joe Lowder has filed with the Department of Water Resources on September 6, 1983, An Application for Amendment of Permit No. 95-8350 correcting the source of water. The source on the original permit was two springs, tributary to Benewah Creek. The applicant now wishes to amend said original Permit No. 95-8350 to show the source as two springs, tributary to Alder Creek.

Any protest to the proposed amendment may be filed with the Idaho Department of Water Resources, 4055 Government Way, Coeur d'Alene, Idaho 83814, on or before October 3, 1983.

KEN DUNN, Dir.

Published in the St. Maries Gazette Record, St. Maries, Idaho, on September 14 and 21, 1983.

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