

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9774
Exam Date: 10/20/2020

1. Current Owner:
THOMAS S WALTON 320 MEADOW LN SAGLE ID 83860-9149 AND/OR
SHARON K WALTON 320 MEADOW LN SAGLE ID 83860-9149
2. Accompanied by: In house exam
Phone No:
Address:
Relationship to permit Holder:

3. **SOURCE:**
GROUND WATER

Method of Determination: Application and Permit

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: NA

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: NA

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
GROUND WATER SE¼ NE¼, Sec. 9, Twp 56N, Rge 02W, B.M. BONNER County

Method of Determination: Application and Permit

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals	
			NE	NW	SW	SE														
56N	02W	9				X														

Method of Determination: Application, permit and ArcMap

3. Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

 Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

 Aerial Photo Attached (required for irrigation of 10+ acres).

 Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: Domestic use for 2 homes, but limited to 1/2 acre of irrigation. 1.2 Af for one home with irrigation and 0.6 af for the other home, indoor use only per Application Processing Administrative memo # 22. Total of 1.8 af.

G. NARRATIVE/REMARKS/COMMENTS: ArcMap and Bonner County confirm 2 dwellings on property and list Walton as current owner. The permit is for 2 homes, a house and mobile home, and 1/2 acre of irrigation. Source is a well that was drilled in 1982. No GPS coordinates on well driller's report. The total diversion volume will be 1.8 af. 1.2 for 1 home with 1/2 acre of irrigation and 0.6 for the other home. There are no measuring device or fish screen requirements. Removed condition 046.

Have conditions of permit approval been met? Yes No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	01/01 to 12/31	0.06 CFS	1.8 AF
Totals:		0.06 CFS	1.8 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 None

I. AUTHENTICATION Jean Hersley - Technical Records Specialist 2

Field Examiner's Name Jean Hersley Date 10-20-2020

Reviewer Angela M. Gumm Date 10/20/2020

The screenshot shows the ArcMap interface with an aerial view of a residential area. A parcel is highlighted with a blue border. The 'Identify' window is open, showing the following information:

Identify from: Parcels

Parcels

- WALTON, THOMAS S & SHARON K
- WALTON, THOMAS S & SHARON K

Location: 2,309,033.937 1,893,987.142 Meters

Field	Value
ID	11678193
UPDATED	8/9/2019
PIN	RP56N02W091975A
OWNER	WALTON, THOMAS S & SHARON K
ADDRESS1	320 MEADOW LN
ADDRESS2	
CITY	SAGLE
STATE	ID
ZIPCODE	83860
P_ADDRESS	320 MEADOW LN
P_ZIPCODE	83860
SUB_NAME	
LEGAL1	9-56N-2W E2N/56NE 1991 KIT/GOLDEN STATE 27 X 52
LEGAL2	<null>
LEGAL3	<null>
LEGAL4	<null>
LEGAL5	<null>
LEGAL6	<null>
ACRES	5
COUNTY	Banner
SOURCE	<null>
YEAR_BUILT	1983

Identified 2 Features

2309498.374 1894091.313 Meters

ArcMap shows 2 homes on the property and lists the Walton's as current owners.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

USE TYPEWRITER OR
BALLPOINT PEN

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

N *gBC*

<p>1. WELL OWNER</p> <p>Name <u>Gerald Garrison</u></p> <p>Address <u>528^S Boyer Sandpoint, Ida 83864</u></p> <p>Owner's Permit No. <u>96-82-N-34</u></p>	<p>7. WATER LEVEL</p> <p>Static water level <u>108</u> feet below land surface.</p> <p>Flowing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No G.P.M. flow _____</p> <p>Artesian closed-in pressure _____ p.s.i.</p> <p>Controlled by: <input type="checkbox"/> Valve <input type="checkbox"/> Cap <input type="checkbox"/> Plug</p> <p>Temperature _____ °F. Quality _____</p>																																																																
<p>2. NATURE OF WORK</p> <p><input checked="" type="checkbox"/> New well <input type="checkbox"/> Deepened <input type="checkbox"/> Replacement</p> <p><input type="checkbox"/> Abandoned (describe method of abandoning) _____</p>	<p>8. WELL TEST DATA</p> <p><input type="checkbox"/> Pump <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Air <input type="checkbox"/> Other _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Discharge G.P.M.</th> <th>Pumping Level</th> <th>Hours Pumped</th> </tr> <tr> <td style="text-align: center;"><u>6 Gpm</u></td> <td style="text-align: center;"><u>120'</u></td> <td style="text-align: center;"><u>3 hrs</u></td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Discharge G.P.M.	Pumping Level	Hours Pumped	<u>6 Gpm</u>	<u>120'</u>	<u>3 hrs</u>																																																										
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<p>3. PROPOSED USE</p> <p><input checked="" type="checkbox"/> Domestic <input type="checkbox"/> Irrigation <input type="checkbox"/> Test <input type="checkbox"/> Municipal</p> <p><input type="checkbox"/> Industrial <input type="checkbox"/> Stock <input type="checkbox"/> Waste Disposal or Injection</p> <p><input type="checkbox"/> Other _____ (specify type)</p>	<p>9. LITHOLOGIC LOG</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Hole Diam.</th> <th colspan="2">Depth</th> <th rowspan="2">Material</th> <th colspan="2">Water</th> </tr> <tr> <th>From</th> <th>To</th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">6</td> <td style="text-align: center;">0</td> <td style="text-align: center;">8</td> <td style="text-align: center;">Sand</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> <tr> <td> </td> <td style="text-align: center;">8</td> <td style="text-align: center;">17</td> <td style="text-align: center;">Sand & Boulders</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> <tr> <td> </td> <td style="text-align: center;">17</td> <td style="text-align: center;">46</td> <td style="text-align: center;">Sand & Gravel</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> <tr> <td> </td> <td style="text-align: center;">46</td> <td style="text-align: center;">57</td> <td style="text-align: center;">Sand & Boulders</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> <tr> <td> </td> <td style="text-align: center;">57</td> <td style="text-align: center;">89</td> <td style="text-align: center;">Sand</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> <tr> <td> </td> <td style="text-align: center;">89</td> <td style="text-align: center;">96</td> <td style="text-align: center;">Boulders</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> <tr> <td> </td> <td style="text-align: center;">96</td> <td style="text-align: center;">108</td> <td style="text-align: center;">Sand</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> <tr> <td> </td> <td style="text-align: center;">108</td> <td style="text-align: center;">123</td> <td style="text-align: center;">Sand</td> <td style="text-align: center;"> </td> <td style="text-align: center;">X</td> </tr> <tr> <td> </td> <td style="text-align: center;">123</td> <td style="text-align: center;">135</td> <td style="text-align: center;">Sand & Gravel</td> <td style="text-align: center;">X</td> <td style="text-align: center;"> </td> </tr> </tbody> </table>	Hole Diam.	Depth		Material	Water		From	To	Yes	No	6	0	8	Sand	X			8	17	Sand & Boulders	X			17	46	Sand & Gravel	X			46	57	Sand & Boulders	X			57	89	Sand	X			89	96	Boulders	X			96	108	Sand	X			108	123	Sand		X		123	135	Sand & Gravel	X	
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<p>4. METHOD DRILLED</p> <p><input type="checkbox"/> Rotary <input type="checkbox"/> Air <input type="checkbox"/> Hydraulic <input type="checkbox"/> Reverse rotary</p> <p><input checked="" type="checkbox"/> Cable <input type="checkbox"/> Dug <input type="checkbox"/> Other _____</p>	<p>10. <u>(170) Hold time getting legal description</u></p> <p>Work started <u>6-7-82</u> finished <u>6-14-82</u></p>																																																																
<p>5. WELL CONSTRUCTION</p> <p>Casing schedule: <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Thickness</th> <th>Diameter</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><u>250</u> inches</td> <td style="text-align: center;"><u>6</u> inches</td> <td style="text-align: center;"><u>1</u> feet</td> <td style="text-align: center;"><u>125</u> feet</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Was casing drive shoe used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Was a packer or seal used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Perforated? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>How perforated? <input type="checkbox"/> Factory <input type="checkbox"/> Knife <input type="checkbox"/> Torch</p> <p>Size of perforation _____ inches by _____ inches</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Number</th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> <p>Well screen installed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Manufacturer's name <u>HOMEMADE</u></p> <p>Type <u>5" casing 15' long</u> Model No. <u>BXWW</u></p> <p>Diameter <u>5</u> Slot size <u>1/8"</u> Set from <u>135</u> feet to <u>125</u> feet</p> <p>Diameter _____ Slot size _____ Set from _____ feet to _____ feet</p> <p>Gravel packed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Size of gravel _____</p> <p>Placed from _____ feet to _____ feet</p> <p>Surface seal depth <u>18</u> Material used in seal: <input type="checkbox"/> Cement grout</p> <p><input checked="" type="checkbox"/> Puddling clay <input checked="" type="checkbox"/> Well cuttings</p> <p>Sealing procedure used: <input type="checkbox"/> Slurry pit <input checked="" type="checkbox"/> Temp. surface casing</p> <p><input type="checkbox"/> Overbore to seal depth</p> <p>Method of joining casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded <input type="checkbox"/> Solvent Weld</p> <p><input type="checkbox"/> Cemented between strata</p> <p>Describe access port _____</p>	Thickness	Diameter	From	To	<u>250</u> inches	<u>6</u> inches	<u>1</u> feet	<u>125</u> feet													Number	From	To										<p style="text-align: center; font-size: 2em; font-weight: bold;">RECEIVED</p> <p style="text-align: center;">JUL 26 1982</p> <p style="text-align: center;">Department of Water Resources Northern District Office</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">RECEIVED</p> <p style="text-align: center;">JUL 30 1982</p> <p style="text-align: center;">Department of Water Resources</p>																																
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<p>6. LOCATION OF WELL</p> <p>Sketch map location must agree with written location.</p> <div style="text-align: center;"> </div> <p>Subdivision Name _____</p> <p>Lot No. _____ Block No. _____</p> <p>County <u>Bonner</u></p> <p><u>EX, NW 1/4</u> Sec. <u>9</u>, T. <u>56</u> S. R. <u>2</u> E. <u>W</u></p>	<p>11. DRILLERS CERTIFICATION <u>ll</u></p> <p>I/We certify that all minimum well construction standards were complied with at the time the rig was removed.</p> <p>Firm Name <u>Brand X Waterworks</u> Firm No. <u>289</u></p> <p>Address <u>Rathdrum, Ida</u> Date <u>6-16-82</u></p> <p>Signed by (Firm Official) <u>Lindon Cordon</u></p> <p style="text-align: center;">and</p> <p>(Operator) <u>Lindon Cordon</u></p>																																																																