

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D D0051991
DRILLING PERMIT NO. 847723
Water Right or Injection Well No. _____



2. OWNER:
Name Eugene Moore
Address 30834 Hwy 6
City St. Maries State ID Zip 83861

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 44 North ☒ or South ☐
Rge. 2 East ☐ or West ☒
Sec. 22 1/4 S/E 1/4 S/E 1/4
Gov't Lot _____ County Benewah

Lat: _____ Long: _____
Address of Well Site 30732 Hwy 6
City St. Maries

(Give at least name of road + Distance to Road or Landmark)
Lt. _____ Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)
☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Bentonite</u>	<u>0</u>	<u>40</u>	<u>12.5X</u>	<u>Pour Around Pipe</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 118

Was drive shoe seal tested? ☒ Y ☐ N How? Air

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>+2</u>	<u>-118</u>	<u>250</u>	<u>Steel</u>	☒	☐	☒	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☒ Y ☐ N Type formation Packer @ 40' on 6"
649

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method torch

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>78</u>	<u>118</u>	<u>16'x14</u>	<u>12</u>	<u>6"</u>	<u>Steel</u>	☒	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
<u>none</u>				

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

50' ft. below ground Artesian pressure _____ lb.
Depth flow encountered 20 ft. Describe access port or control devices: _____

well cap

44N 2W 22

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>70 gpm</u>	<u>Air lift</u>	<u>from</u>	<u>122'</u>

Water Temp. 48° Bottom hole temp. _____

Water Quality test or comments: Clear no odor

Depth first Water Encounter 20

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>8</u>	<u>0</u>	<u>12</u>	<u>Clay - Tan w/ Basalt</u>		
	<u>12</u>	<u>26</u>	<u>Basalt - Broken</u>		
	<u>26</u>	<u>56</u>	<u>Basalt - Gray</u>		
	<u>56</u>	<u>70</u>	<u>Basalt - Hard - Gray</u>		
	<u>70</u>	<u>73</u>	<u>Basalt - w/ water</u>		
			<u>5 gpm</u>		
	<u>73</u>	<u>95</u>	<u>Basalt Gray</u>		
	<u>95</u>	<u>122</u>	<u>Gray Basalt fractured w/ water 70 gpm total</u>		

RECEIVED

SEP 11 2007

IDWR/North

Completed Depth 122 (Measurable)
Date: Started 7-9-07 Completed 7-10-07

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Action Drilling Inc Firm No. 618

Principal Driller Alvin Carris Date 8-01-07

Driller or Operator II _____ Date _____

Operator I Alvin Carris Date 8-01-07

Principal Driller and Rig Operator Required.
Operator I must have signature of Driller/Operator II.