

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 58030

Drilling Permit No. 859516

Water right or injection well # _____

2. OWNER:

Name EW Dyer

Address 738 Meadow View Rd

City ST. MARIES State ID Zip 83861

3. WELL LOCATION:

Twp. 46 North ☒ or South ☐ Rge. 2 East ☐ or West ☒

Sec. 36 1/4 SW 1/4 SE 1/4

Gov't Lot _____ County BENEFIT

Lat. 47 ° 17.185N (Deg. and Decimal minutes)

Long. 116 ° 31.696W (Deg. and Decimal minutes)

Address of Well Site 738 Meadow View Rd, Take

Hwy 2 S to Garden Trl City ST. MARIES

Lot. _____ Blk. _____ Sub. Name _____

4. USE:

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

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well
☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
<u>Bentonite</u>	<u>0</u>	<u>48</u>	<u>1250 lbs</u>	<u>Pour Around Pipe</u>

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
<u>6"</u>	<u>+18"</u>	<u>98.5</u>	<u>250</u>	<u>Steel</u>	☒	☐	☒
					☐	☐	☐
					☐	☐	☐
					☐	☐	☐

Was drive shoe used? ☒ ☐ N Shoe Depth(s) 98.5

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☐ Y ☐ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
<u>None</u>				

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

4LeN 02W 36

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 70 Static water level (ft) 36

Water temp. (°F) 47 Bottom hole temp. (°F) _____

Describe access port well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
<u>100 Gpm</u>	<u>Airlift from 106 ft</u>	<u>for 4.5 hrs</u>	☐	☐	☒	☐

Water quality test or comments: Cold & clear / No odor

13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
<u>10</u>	<u>0</u>	<u>8</u>	<u>Basalt Broken w/ clay</u>		
	<u>8</u>	<u>27</u>	<u>Basalt Hard</u>		
<u>8</u>	<u>27</u>	<u>46</u>	<u>Broken Basalt w/ Sand</u>		
	<u>46</u>	<u>50</u>	<u>clay Tan</u>		
	<u>70</u>	<u>85</u>	<u>Basalt Hard</u>	☒	
			<u>w/ water 40 Gpm</u>		
	<u>85</u>	<u>106</u>	<u>Basalt Broken</u>	☒	
			<u>w/ water 60 Gpm</u>		
			<u>Total Gpm</u>		
			<u>is 100</u>		

RECEIVED

SEP 01 2010

IDWR / NORTH

Completed Depth (Measurable): 106

Date Started: 7-19-10 Date Completed: 7-20-

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 INTERSTATE DRILLING Co. No. 689

*Principal Driller Ryan Suchost Date 7-22-10

*Driller R. S. Date 7-22-10

*Operator II R. S. Date 7-22-10

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.