

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Location Corrected by IDWR To:
T45N R02E Sec. 4 NWNENW
By: mciscell 2013-09-24

1. WELL TAG NO. D D0059446

Drilling Permit No. 802075

Water right or injection well # _____

2. OWNER: Rick Farrell

Name Rick Farrell

Address 1929 Jefferson

City St. Maries State ID Zip 83861

3. WELL LOCATION:

Twp. 45 North ☒ or South ☐ Rge. 2 East ☒ or West ☐

Sec. 4 1/4 S/E 1/4 S/E 1/4

Gov't Lot _____ County Shoshone

Lat. N 47 ° 16.8671' (Deg. and Decimal minutes)

Long. W 116 ° 12.935' (Deg. and Decimal minutes)

Address of Well Site 1588 Trout Creek Rd.

City Caldier

(Give at least name of road + Distance to Road or Landmark)

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 ft ³)	Placement method/procedure
<u>Bentonite</u>	<u>0</u>	<u>164</u>	<u>245X</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>+2</u>	<u>-164</u>	<u>1250</u>	<u>Steel</u>	☒	☐	☐	☒
<u>4</u>	<u>-20</u>	<u>-183</u>	<u>160</u>	<u>PVC</u>	☐	☒	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 164

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Skill Saw

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
<u>143</u>	<u>183</u>	<u>1/8x1/6</u>	<u>24</u>	<u>4</u>	<u>PVC</u>	<u>160</u>

Length of Headpipe none Length of Tailpipe none

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
<u>none</u>				

11. FLOWING ARTESIAN:

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

Describe control device Well Cap

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 170 Static water level (ft) 28

Water temp. (°F) 50 Bottom hole temp. (°F) _____

Describe access port Well Cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
<u>25 gpm</u>	<u>1 hr</u>	

Test method:

Pump ☐ Bailer ☐ Air ☒ Flowing artesian ☐

Water quality test or comments: 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>38</u>	<u>Tan clay w/shale</u>		
<u>8</u>	<u>38</u>	<u>64</u>	<u>Sandy clay</u>		
	<u>64</u>	<u>155</u>	<u>Gray clay</u>		
	<u>155</u>	<u>164</u>	<u>Gravel</u>		
<u>6</u>	<u>164</u>	<u>170</u>	<u>Gravel</u>		
	<u>170</u>	<u>183</u>	<u>Gravel w/water</u>		☒
			<u>25 gpm</u>		

RECEIVED

SEP 13 2011

IDWR / NORTH

Completed Depth (Measurable): 183

Date Started: 8-11-11 Date Completed: 8-15-11

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. Co. No. 618

*Principal Driller Alvin Carris Date 9-12-11

*Driller _____ Date _____

*Operator II Alvin Carris Date 9-12-11

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.