

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Location Corrected by IDWR To:

T46N R03W Sec. 26 NENENW

By: mciscell 2013-10-16

1. WELL TAG NO. D 0054302
DRILLING PERMIT NO. 851319
Water Right or Injection Well No. _____

2. OWNER:
Name Sam Mills
Address PO Box 122
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. 46 North ☒ or South ☐
Rge. 3 East ☐ or West ☒
Sec. 23 1/4 SE 1/4 SW 1/4
Gov't Lot _____
County Bernewah
Lat: 47 : 18 : 70 N Long: 116 : 41 : 02 W
Address of Well Site 100 Lake View LN, 2 miles W Bernewah
City ST. MARIES
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>50</u>	<u>135x</u>	<u>Pour Around PIPE</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 98
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>98</u>	<u>2.50</u>	<u>Steel</u>	☒	☐	☒	☐
<u>4"</u>	<u>-20</u>	<u>380</u>	<u>160</u>	<u>PVC</u>	☐	☒	☐	☐

Length of Headpipe _____ Length of Tailpipe _____
Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method SK-11 Saw
Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>307</u>	<u>367</u>	<u>1/4" S</u>	<u>150</u>	<u>4"</u>	<u>PVC</u>	☐	☒

10. FILTER PACK

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

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

16.5 ft. below ground Artesian pressure _____ lb.
Depth flow encountered 190 ft. Describe access port or control devices:
Well Cap

12. WELL TESTS:

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>100 gpm</u>	<u>Air lift from 380 ft</u>	<u>2 hrs</u>	

Water Temp. 57° Bottom hole temp. _____
Water Quality test or comments: Cold clear - NO odor

Depth first Water Encounter 190

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>10</u>	<u>0</u>	<u>64</u>	<u>Clay - Red</u>		
<u>8</u>	<u>64</u>	<u>89</u>	<u>Clay - Grey w/ Basalt</u>		
	<u>89</u>	<u>190</u>	<u>Basalt - Black hard</u>		
<u>6</u>	<u>190</u>	<u>220</u>	<u>Basalt - Soft w/ water 2 gpm</u>	☒	
	<u>220</u>	<u>258</u>	<u>Basalt hard w/ water 3 gpm</u>	☒	
	<u>258</u>	<u>328</u>	<u>Basalt soft</u>		
	<u>328</u>	<u>345</u>	<u>Basalt hard</u>		
	<u>345</u>	<u>380</u>	<u>Basalt soft w/ water 9.5 gpm</u>	☒	

RECEIVED

MAY 08 2008

IDWR/North

SCANNED

DEC 07 2017

Completed Depth 380 (Measurable)
Date: Started 5-5-08 Completed 6-08

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 LLC Firm No. 657

Principal Driller Ryan Suchoske Date 5-2-08

Driller or Operator II _____ Date _____

Operator I Ryan Suchoske Date 5-2-08

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

46N 03W 23

FORWARD WHITE COPY TO WATER RESOURCES