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OCT 15 2014
Form 238-7
6/07

IDWR / NORTH IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

1. WELL TAG NO. D 0067610
Drilling Permit No. 872751
Water right or injection well # _____

2. OWNER:

Name Kevin Schwartzberger
Address 1210 Crane Crk Rd
City Booth State Id Zip 83855

3. WELL LOCATION:

Twp. 41 North ☒ or South ☐ Rge. 3 East ☐ or West ☒
Sec. 18 SE 1/4 NW 1/4 1/4

Gov't Lot _____ County Latah
Lat. N46 54.055 (Deg. and Decimal minutes)
Long W116 46.173 (Deg. and Decimal minutes)
Address of Well Site 1/2 mile off Hwy Rd
City Princeton

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)	Placement method/procedure
benzoinite	0	53	650 lbs	Dry

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
8 + 1	53	150		Steel	☒	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 53'

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/m	Diameter (nominal)	Material	Gauge or Schedule
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Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft)	Placement method
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11. FLOWING ARTESIAN:

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

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 435 Static water level (ft) 429

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

Describe access port _____

Well test:	Discharge or yield (gpm)	Test duration (minutes)	Test method
Drawdown (feet)	<u>approx 10</u>	<u>1 Hr.</u>	Pump ☐ Bailer ☐ ☒ Flowing Artesian

Water quality test or comments: _____

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
8	0	11	overburden	
8	11	25	soft argillite	
8	25	31	basalt firm	
8	31	63	soft basalt	
8	63	99	basalt firm	
8	99	102	fract. basalt	
8	102	105	green shale	
8	105	108	brown clay	
8	108	120	argillite	
8	120	128	basalt firm	
8	128	186	argillite	
8	186	190	basalt firm	
8	190	194	conglomerate	
8	194	200	clay	
8	200	242	basalt firm	
8	242	248	soft basalt with shale	
8	248	259	soft basalt	
8	259	265	basalt firm	
8	265	272	shale	
8	272	326	basalt firm	
8	326	337	argillite	
8	337	348	basalt firm	
8	348	368	argillite	
8	368	453	basalt firm	

Completed Depth (Measurable) 453'

Date Started: 7/22/14 Date Completed: 7/25/14

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 Wittwell Drilling Co. No. 58

*Principal Driller Roger Witt Date 8/12/14

*Driller _____ Date _____

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required