

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 0061061

Drilling Permit No. 8103785

Water right or injection well # _____

2. OWNER:

Name Shane Randall

Address P.O. Box 211

City Fernwood State Idaho Zip 83830

3. WELL LOCATION:

Twp. 44 North ☒ or South ☐ Rge. 01 East ☒ or West ☐

Sec. 19 1/4 NE 1/4 SW 1/4

Gov't Lot _____ County Benewah

Lat. 47 ° 08.725 (Deg. and Decimal minutes)

Long. 116 ° 24.630 (Deg. and Decimal minutes)

Address of Well Site 164 W. Elkhorn Meadows

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

Lot _____ Blk. _____ Sub. Name Elkhorn Meadows

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
Bentonite Chips	0'	40'	600 lbs	Pour In

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
6"	0'	40'	.250	Steel	☒	☐	☒
					☐	☐	☐
4"	20'	240'	40	PVC	☐	☒	☐
					☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 240'

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Saw Cut

Manufactured screen ☐ Y ☐ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
200'	240'	.060		4"	PVC	Sch-40

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

11. FLOWING ARTESIAN:

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

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 195' Static water level (ft) 40'

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

Describe access port _____

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
<u>200'</u>	<u>2.5gpm</u>	<u>2 hrs</u>

Test method:

Pump	Bailer	Air	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	
				Y	N
10"	0	7	Clay (Brown)		☒
	7	20	Clay + Silt		☒
	20	30	Silt + Basalt		☒
	30	40	Basalt		☒
6"	40	60	Shale + Basalt		☒
	60	80	Hard Basalt		☒
	80	90	Hard Basalt		☒
	90	93	Shale		☒
	93	100	Granite		☒
	100	120	Hard Basalt + Granite Mix		☒
	120	140	"		☒
	140	160	Hard Granite + Broken Basalt		☒
	160	195	Hard Granite		☒
	195	200	Broken Basalt	☒	
	200	210	Broken Basalt	☒	
	210	220	Hard Basalt	☒	
	220	240	Hard Basalt	☒	

Completed Depth (Measurable): 240'

Date Started: 7-11-12 Date Completed: 7-16-12

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 Troy Moore Well Drilling Co. No. 634

*Principal Driller [Signature] Date 7-28-12

*Driller Troy Moore Date 7-28-12

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.

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