

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Location Corrected by IDWR To:
T47N R03W Sec. 19 NWSESE
By: mciscell 2013-10-16

1. WELL TAG NO. D D0058225
Drilling Permit No. 859838
Water right or injection well # _____

2. OWNER: James Haeg
Name _____
Address 165 Travis lane
City Kennewick State WA Zip 95338

3. WELL LOCATION:
Twp. 47 North ☒ or South ☐ Rge. 3 East ☐ or West ☒
Sec. 19 N5 1/4 SW 1/4 160 acres

Gov't Lot _____ County Kootenai
Lat. N 47° 24' 20S (Deg. and Decimal minutes)
Long. W 116° 45' 613 (Deg. and Decimal minutes)
Address of Well Site 85 W. Tamara lane City Worley
(Give at least name of road + distance to road or landmark)

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 _____

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
Bitonite	0	130	24 Sacks	Pour
		120		

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
+2	138	250		Steel	☒	☐	☐	☒
4	20	143	160	PVC	☐	☒	☐	☐
					☐	☐	☐	☐

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 118

9. PERFORATIONS/SCREENS:
Perforations ☒ Y ☐ N Method with Drill
Manufactured screen ☐ Y ☒ N Type _____
Method of installation with Drill

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
-80	-140	3/4	60	4	PVC	160 Psi

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

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
N/A				

11. FLOWING ARTESIAN:
Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____
Describe control device Well cap
47N 03W 19

12. STATIC WATER LEVEL and WELL TESTS:
Depth first water encountered (ft) 122 Static water level (ft) 122
Water temp. (°F) 54° Bottom hole temp. (°F) _____
Describe access port well cap

Well test:	Test method:
Drawdown (feet)	Pump ☐ Bailor ☐ Air ☒ Flowing artesian ☐
Discharge or yield (gpm)	
Test duration (minutes)	
<u>1410</u>	<u>22 gpm</u> <u>1 hour</u>

Water quality test or comments: clean, no odor

13. LITHOLOGIC LOG and/or repairs or abandonment:					Water	
Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.		Y	N
10	0	20	Brown clay			
	20	42	Brown clay w/rock			
8	42	55	Brown clay w/rock			
	55	95	Broken Basalt			
	95	100	med Basalt			
	100	105	Broken Basalt			
	105	115	tan clay w/rock			
	115	118	Broken Basalt			
	118	122	Broken Basalt			
			w/water 22 GPM		X	
	122	143	Broken Basalt			

RECEIVED
OCT 05 2010
IDWR/NORTH

Completed Depth (Measurable): 143
Date Started: 8-26-10 Date Completed: 9-1-10

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 Co. No. 618
*Principal Driller Alvin Carr Date 10-1-10
*Driller Alvin Carr Date _____
*Operator II Mark Hansen Date 10-1-10
Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.