

IDAHO DEPARTMENT OF WATER RESOURCES
WELL DRILLER'S REPORT

Office Use Only
Well ID No. _____
Inspected by _____
Twp _____ Rge _____ Sec _____
_____ 1/4 _____ 1/4 _____ 1/4
Lat: : : Long: : :

1. **WELL TAG NO. D** 0054003
DRILLING PERMIT NO. 848883
Water Right or Injection Well No. _____



2. **OWNER:**

Name Frank Williams
Address 31888 S. Hells Gulch Rd.
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. 47 North ☒ or South ☐
Rge. 2 East ☐ or West ☒
Sec. 30 1/4 NW 1/4 SW 1/4
Gov't Lot _____ County Kootenai

Lat: : : Long: : :
Address of Well Site 31888 S. Hells Gulch Rd.
City St. Maries

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

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
Bentonite	0	37	8 Sacks	Dry Pour
Granular				

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 177

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. **CASING/LINER:**

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	177	.25	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☐ N Type _____

9. **PERFORATIONS/SCREENS PACKER TYPE**

Perforation Method Torch Cut $\frac{1}{4}$ x 12 LG

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
157	177	1/4	40	6	Steel	☒	☐
						☐	☐
						☐	☐

10. **FILTER PACK**

Filter Material	From	To	Weight / Volume	Placement Method

11. **STATIC WATER LEVEL OR ARTESIAN PRESSURE:**

88 ft. below ground Artesian pressure _____ lb.

Depth flow encountered 148 ft. Describe access port or control devices: _____

Steel Cap Welded

12. **WELL TESTS:**

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
35 GPM	100%	177	1 Hour

Water Temp. Cold Bottom hole temp. Cold

Water Quality test or comments: Clear, Cold, No Smell

Depth first Water Encounter 110

13. **LITHOLOGIC LOG: (Describe repairs or abandonment)**

Water

Bore Dia	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8	0	1	Top soil		X
8	1	8	Clay brown		X
8	8	9	Basalt black broken		X
8	9	37	Basalt black medium		X
8	37	40	Basalt clay mix		X
8	40	110	Basalt black medium		X
8	110	112	Basalt fractured 2 GPM	X	
8	112	130	Basalt black firm		X
8	130	133	Basalt fractured w/ 8 GPM	X	
8	133	148	Basalt black firm		X
8	148	150	Basalt black fractured 25 gpm	X	
8	150	177	Basalt black firm		X

UNITED
PUMP & DRILLING
3125 W. Hayden Ave. Hayden, ID 83835
Office (800) 682-9641 (208) 772-7867

Completed Depth 177 FT (Measurable)

Date: Started 9-11-07 Completed 9-12-07

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 United Pump & Drilling Firm No. 636

Principal Driller Jason Beckham Date 9-13-07

and Driller or Operator II [Signature] Date 9-13-07

Operator I [Signature] Date _____

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

47N 2W 30