

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0053834
DRILLING PERMIT NO. 849320
Water Right or Injection Well No. _____



2. OWNER: Monte Miller,
Name John Miller Trust, Beryl Miller, Rod Miller
Address 25566 E. Meadow Rd
City Cataldo State ID Zip 83310

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 49 North ☒ or South ☐
Rge. 01 East ☐ or West ☒
Sec. 34 1/4 SW 1/4 SE 1/4
Gov't Lot _____ County Kootenai

Lat: _____ Long: _____
Address of Well Site same as above East side Hwy 3
off South Doyle Rd City Rose Lake Area
(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	40'	400 lbs	overbore w/ 8"
Casing Seal	70'	114'		surface casing removed

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 114 1/2 feet

Was drive shoe seal tested? ☒ Y ☐ N How? Air Pressure

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1 1/2	114 1/2	.250	Steel	☒	☐	☒	☐
4"	-9 1/2	602	220 PSI	2 1/2" PVC	☐	☒	☐	☒

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☐ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method Saw Cut

Screen Type & Method of Installation N/A

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
509	602	3/16" x 6"	190	4"	PVC	☐	☒

10. FILTER PACK N/A

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

76 ft. below ground Artesian pressure _____ lb.

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

Bolted well cap

49N 1W 34

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

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
12 GPM			

Water Temp. Cold Bottom hole temp. Cold

Water Quality test or comments: looks Good + Clear

Depth first Water Encounter 148

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8"	0	8	Brown Clay		
"	8	10	Broken Shale Gravel		
"	10	18	white clay		
"	18	30	Yellow Clay		
"	30	35	white Hard Clay		
"	35	49	white Clay mixed w/ shale		
"	49	68	Soft Shale		
"	68	75	Shale, Blue + White		
"	75	95	Soft Shale, Brown + Gray s/Blue		
"	95	103	Shale, Blue, Med		
"	103	114 1/2	Shale, Blue, Hard		
6"	114 1/2	148	Shale, Blue + Gray		
	148	157	Shale, Brown 1/2 GPM		☒
	157	230	Shale, Blue + Gray		
	230	232	Shale, Pink		
	232	247	Shale, Brown, blue, Gray w/ Quartz		
	247	260	Shale, softer		
	260	280	Shale, Gray		
	280	300	Shale, Gray w/ Green		
	300	380	Shale, Gray + Blue w/ Brown		
	380	402	Shale, Purpleish Gray		
	402	412	Shale, Soft "		
	412	447	Shale, Purpleish Gray		
	447	470	Shale, softer " " 2 GPM		☒
	470	500	Shale, Hard " "		
	500	527	Shale, softer " " 8 GPM		☒
	527	542	Shale, Hard, some Green w/ Gray		
	542	552	Shale, Soft, More Green + Gray 1 1/2 GPM		☒
	552	587	Shale, Hard, Purpleish Brown		
	587	602	Shale, Hard, Green + Brown		☒



**AQUA DRILLING
& EXPLORATION INC.**

Completed Depth 602 (Measurable)

Date: Started 9-19-07 Completed 9-25-07

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 AQUA DRILLING & EXPLORATION INC. Firm No. 163

Principal Driller Scott M. Braun Date 9-25-07

and Driller or Operator II Scott M. Braun Date _____

Operator I _____ Date _____

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