

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 0046395
DRILLING PERMIT NO. 847676
Water Right or Injection Well No. _____

ENTERED

2. OWNER:
Name Mark & Terri Ackerman
Address P.O. Box 383
City Hayden State ID Zip 83835

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. 19 1/4 SE 1/4 NW 1/4
Gov't Lot _____ 10 acres County Kootenai 40 acres 160 acres

Lat: _____ Long: _____
Address of Well Site off Hardy Creek Rd on
Wall Ridge Rd (west side) City Cataldo

(Give at least name of road & Distance to Road or Landmark)
Lt. 1 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	59	600#	12 Bags Over-
Casing Seal				Bore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 59'
Was drive shoe seal tested? ☒ Y ☐ N How? Air Pressure

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	59'	.250	Steel	☒	☐	☒	☐
4"	-5	302	.220	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 _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
262	302	4"x5"	144	4"	PVC	☐	☒
222	242	"	72	4"	PVC	☐	☒

10. FILTER PACK NONE

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

59 ft. below ground Artesian pressure _____ lb.
Depth flow encountered _____ ft. Describe access port or control devices:
Bolted well cap

49N 1E 19

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
21+ GPM			

Water Temp. Cold Bottom hole temp. Cold

Water Quality test or comments: looks clear + Good

Depth first Water Encounter 90

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water	Y	N
8"	0	1	Top Soil			
"	1	10	Clay, Shale Gravel - Dark Brown			X
"	10	33	Clay, Shale Gravel - light Brown			X
"	33	36	Clay - Brownish Tan			X
"	36	55	Brown Shale - Firm w/ some soft Blue			X
"	55	59	Blue Shale - Hard			X
6"	59	90	Blue Shale			X
"	90	127	Blue Shale 2+ GPM	X		
"	127	144	Blue Shale			
"	144	148	Blue Shale 4 3/4 GPM	X		
"	148	165	Blue Shale			
"	165	170	Blue Shale 1 1/2 GPM	X		
"	170	217	Blue Shale			
"	217	227	Blue Shale 2 GPM	X		
"	227	260	Blue Shale			
"	260	285	Blue shale 11+ GPM	X		
"	285	302	Blue Shale - firmer			

RECEIVED
JUL 24 2007
IDWR/North



AQUA DRILLING
& EXPLORATION INC.
PO BOX 2850
HAYDEN, ID 83835-2850

Completed Depth 302' (Measurable)
Date: Started 7-9-07 Completed 7-10-07

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was left on site.

Company Name AQUA DRILLING & EXPLORATION INC. Firm No. 163

Principal Driller Scott M. Braum Date 7-11-07

and Driller or Operator II Scott M. Braum Date _____

Operator I _____ Date _____

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

FORWARD WHITE COPY TO WATER RESOURCES