

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 0045055
 DRILLING PERMIT NO. 841273
 Water Right or Injection Well No. _____

2. OWNER:
 Name Steve & Vanita Hardy
 Address 13101 E. Shadow Ln.
 City Athol State ID Zip 83801

3. LOCATION OF WELL by legal description:
 You must provide address or Lot, Blk, Sub. or Directions to well.
 Twp. 53 North ☒ or South ☐
 Rge. 79 East ☐ or West ☒
 Sec. 19 NW 1/4 NE 1/4
 Gov't Lot _____ County Kootenai
 Lat: _____ Long: _____
 Address of Well Site S. end of E. Shadow Ln.
 City Athol
 (Give at least name of road + Distance to Road or Landmark)
 Lt. _____ Blk. _____ Sub. Name _____

12. WELL TESTS:

☐ Pump	☐ Bailer	☒ Air	☐ Flowing Artesian
Yield gal./min. <u>15</u>	Drawdown _____	Pumping Level _____	Time _____
Water Temp. <u>cold</u> Bottom hole temp. <u>cold</u>			
Water Quality test or comments: <u>appears clear</u>			
Depth first Water Encounter <u>35'</u>			

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8"	0	86	Gravel 2" w/ boulders		✓
8"	86	97	Granite, salt & pepper, hard		✓
6"	97	355	Granite, salt & pepper, hard		✓
6"	355	358	Granite, brown, decomposed 10PM		✓
6"	358	502	Granite, salt & pepper, hard		✓
6"	502	505	Broken w/ 14 GPM		✓
6"	505	522	Granite, salt & pepper, hard		✓

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	20	8 bags	overbore

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 97'
 Was drive shoe seal tested? ☒ Y ☐ N How? air pressure

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	1	97	250	Steel	☒	☐	☒	☐
4"	7	522	200	PVC	☐	☒	☐	☒

Length of Headpipe 98' Length of Tailpipe 515'
 Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method Skihl Saw
 Screen Type & Method of Installation N/A

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
462	522	18"x6"	150	4"	PVC	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
N/A				

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

175' ft. below ground Artesian pressure _____ lb.
 Depth flow encountered _____ ft. Describe access port or control devices:
bolted-on well cap
53N 2W 19

14. DRILLER'S CERTIFICATION

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

AQUA DRILLING & EXPLORATION INC.
 PO BOX 2850
 HAYDEN, ID 83835-2850
 Company Name Aqua Drilling & Exploration Inc. Firm No. 163
 Principal Driller Scott Brumby Date 8-8-06
 and Driller or Operator Curtis Hammond Date 8-8-06
 Operator Curtis Hammond Date _____
 Principal Driller and Rig Operator Required.

RECEIVED
 SEP 11 2006
 IDWR/North