

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 40840
DRILLING PERMIT NO. 838084
Water Right or Injection Well No. _____

2. OWNER:
Name Robert A. Embury
Address 10331 E Howard Rd.
City Arhee 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. 03 East ☐ or West ☒
Sec. 02 NE 1/4 SE 1/4 SW 1/4
Gov't Lot _____ County Kootenai

Lat: _____ Long: _____
Address of Well Site Same

(Give at least name of road - Distance to Road or Landmark)
City Arhee
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
<u>Bentonite</u>	<u>0</u>	<u>170</u>	<u>3250</u>	<u>Slurry - Overbore</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 366-6" 385-4"
Was drive shoe seal tested? ☐ Y ☒ N How? Air pressure

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6</u>	<u>1</u>	<u>366</u>	<u>260</u>	<u>Steel</u>	☒	☐	☒	☐
<u>4</u>	<u>275</u>	<u>385</u>	<u>260</u>	<u>Steel</u>	☐	☒	☒	☐

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

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method TRAC
Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>385</u>	<u>355</u>	<u>1/4"</u>	<u>150</u>	<u>4</u>	<u>STEEL</u>	☐	☒

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method
<u>NO</u>				

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

367 ft. below ground Artesian pressure 0 lb.
Depth flow encountered 372 ft. Describe access port or control devices: _____

12. WELL TESTS:

Yield gal./min.	Drawdown	Pumping Level	Time
<u>16</u>			

Water Temp. Cold Bottom hole temp. Cold
Water Quality test or comments: Good

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
	<u>0</u>	<u>1</u>	<u>Top soil</u>		☒
	<u>1</u>	<u>52</u>	<u>Gravel + Clay</u>		☒
	<u>52</u>	<u>53</u>	<u>Boulder</u>		☒
	<u>53</u>	<u>69</u>	<u>Gravel + clay</u>		☒
	<u>69</u>	<u>70</u>	<u>cobble</u>		☒
	<u>70</u>	<u>101</u>	<u>Gravel + clay</u>		☒
	<u>101</u>	<u>126</u>	<u>Large gravel</u>		☒
	<u>126</u>	<u>128</u>	<u>Gravel + clay</u>		☒
	<u>128</u>	<u>147</u>	<u>Cobbles, clay</u>		☒
	<u>147</u>	<u>156</u>	<u>Gravel + clay</u>		☒
	<u>156</u>	<u>170</u>	<u>Large Gravel</u>		☒
	<u>170</u>	<u>208</u>	<u>Large Gravel</u>		☒
	<u>208</u>	<u>236</u>	<u>Boulders, cobbles</u>		☒
	<u>236</u>	<u>264</u>	<u>Large gravel</u>		☒
	<u>264</u>	<u>267</u>	<u>Boulder</u>		☒
	<u>267</u>	<u>281</u>	<u>Large gravel</u>		☒
	<u>281</u>	<u>288</u>	<u>Boulder</u>		☒
	<u>288</u>	<u>312</u>	<u>medium Gravel</u>		☒
	<u>312</u>	<u>316</u>	<u>Boulder</u>		☒
	<u>316</u>	<u>334</u>	<u>Large gravel</u>		☒
	<u>334</u>	<u>348</u>	<u>Cobbles large gravel</u>		☒
	<u>348</u>	<u>353</u>	<u>medium Gravel</u>		☒
	<u>353</u>	<u>372</u>	<u>Boulder</u>		☒
	<u>372</u>	<u>385</u>	<u>Gravel</u>		☒

RECEIVED

AUG 23 2006

IDWR/North

Completed Depth 380 (Measurable)
Date: Started 1-17-06 Completed 8-2-06

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 BRAND WATER WELLS Firm No. 2879
Principal Driller Lyndon Gordon Date 8/22/06
and Lyndon Gordon
Driller or Operator II Jenny R. Gordon Date 8-11-06
Operator I _____ Date _____

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

FORWARD WHITE COPY TO WATER RESOURCES

53 N 3 W 2