

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

1. WELL TAG NO. D 0022350 RECEIVED

DRILLING PERMIT NO. 782411 AUG 26 2002

Water Right or Injection Well No.

2. OWNER: IDWR/North

Name Robert Shacklett

Address P.O. Box 282

City Spirit Lake State ID Zip 83869

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. 4 East ☐ or West ☒
Sec. 8 1/4 SW 1/4 SW 1/4 SW 1/4
Gov't Lot County Kootenai

Lat: : : Long: : :

Address of Well Site corner of Nautical & Hwy 41

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

City Spirit Lake

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	25	200 #	dry granular

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

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	503	250	Steel	☒	☐	☐	☐

Length of Headpipe Length of Tailpipe

Packer ☐ Y ☐ N Type

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method

Screen Type & Method of Installation

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

447 ft. below ground Artesian pressure lb.

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

12. WELL TESTS:

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
20+			3 hrs

Water Temp. Bottom hole temp.

Water Quality test or comments: air developed until clear

Depth first Water Encounter 471

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8	0	4	Sand		
	4	16	Sand, gravel, fine		
	16	37	Gravel, sand		
	37	63	Gravel, medium		
	63	73	Gravel, cobbles		
	73	79	Gravel, silt, reddish tan		
	79	136	Gravel, coarse w/silt		
	139	149	Gravel, medium		
	149	180	Sand, silt, grey		
	180	216	Gravel, sand, silt		
	216	267	Gravel, coarse		
	267	269	Boulder		
	269	305	Gravel, silt, reddish tan		
	305	321	Cobbles, gravel		
	321	323	Boulder		
	323	350	Gravel, sand		
	350	356	Silt, sand, gravel		
	356	370	Gravel, coarse		
	370	385	Gravel, sand, silt		
	385	421	Gravel, cobbles, sand		
	421	449	Sand, gravel		
	449	450	Boulder, granite, blk/wht		
	450	459	Cobbles, gravel, silt, sand		
	459	468	Gravel, coarse		
	468	471	Gravel, sand, coarse	x	
	471	488	Gravel, coarse, sand	x	
	488	492	Gravel, sand, some silt	x	
	492	499	Gravel, coarse	x	
	499	501	Gravel, sand	x	
	501	503	Gravel, coarse, sand, coarse	x	

Completed Depth 503' (Measurable)

Date: Started 8/05/02 Completed 8/07/02

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 McCarty Drilling & Pump Inc. Firm No. 586

Principal Driller Date 8-9-02

Driller or Operator II 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

53N 4W 8