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Form 238-7

7/94 MAY 19 1998

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Use Typewriter
or
Ball Point Pen

NORTHERN REGION

IDWR

1. DRILLING PERMIT NO. 95-98-W-0056-000

Other IDWR No. Tag# 0003841

2. OWNER:

Name Wm. Fremming Nielsen

Address Box 2208

City Spokane State WA Zip 99210

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>48 N</u>		North ☒ or South ☐	
E		Rge. <u>04</u>		East ☐ or West ☒	
S		Sec. <u>9</u>		1/4 <u>SW</u> 1/4 <u>SW</u> 1/4	
W		Gov't Lot <u>10</u>		County <u>Kootenai</u>	

Address of Well Site 4950

Backford Bay Rd. City CDA, Idaho

Lt. Blk. Sub. Name

4. PROPOSED USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other

5. TYPE OF WORK

☒ New Well ☐ Modify or Repair ☐ Replacement ☐ Abandonment

6. DRILL METHOD

☐ Mud Rotary ☒ Air Rotary ☐ Cable ☐ Other

7. SEALING PROCEDURES

SEAL/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
Bentonite	0	40	20 sacks	Pressure Grout	

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 98.5'

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

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+1	98.5	.250	steel	☒	☐	☐	☐
4"	-5	200	.200	PVC	☐	☒	☐	☐

Length of Headpipe Length of Tailpipe

9. PERFORATIONS/SCREENS

☐ Perforations Method
☐ Screens Screen Type

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

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

80 ft. below ground Artesian pressure lb.

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

48N 4W 9 SW SW

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
200+		200'	2 hrs.

Water Temp. 58° Bottom hole temp.

Water Quality test or comments:

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
10"	0	40	Clay, tan w/ highly frac. basalt; grey		X
6"	40	98.5	Basalt, grey, extremely frac. w/ some clay; tan		X
6"	98.5	110	Basalt, grey, med. slightly frac.		X
6"	110	165	Basalt, grey, med frac. w/ water		X
6"	165	195	Basalt, grey, med. vesicular w/ water & some br. clay		X
6"	195	200	Clay, bluish grey, hardpan		
2 hrs. development					

Completed Depth 200' (Measurable)

Date: Started 5/5/98 Completed 5/6/98

13. DRILLER'S CERTIFICATION

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

Firm Name Vermillion Well Drilling Firm No. 0467

Firm Official Keith D. Vermillion Date 5/15/98

and

Supervisor or Operator Date

(Sign once if Firm Official & Operator)

FORWARD WHITE COPY TO WATER RESOURCES