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Form 238-7

11/9 AUG 24 1999

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

076719

Office Use Only

Inspected by _____
Twp _____ Rge _____ Sec _____
1/4 1/4 1/4
Lat: : : Long: : :

IDWR/North

1. WELL TAG NO. D0010434

DRILLING PERMIT N

Other IDWR No 95-99-N-125

2. OWNER:

Name Mark Manteuffel

Address 16550 N Morgan Lane

City Hayden

State ID

Zip 83835

3. LOCATION OF WELL by legal description:

N		Twp	52N	North	☒ or	South	☐
W		Rge	03W	East	☐ or	West	☒
E		Sec	33	1/4 NW 1/4 NE 1/4			
S							
				10 Ac	40 Ac	160 Ac	
		Gov't Lot		County Kootenai			
		Lat		Long			

Address of Well Site: (see next line)

Lancaster to Morgan to end

City

Lot _____ Blk _____

Sub. Name (see next line)

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/FILTER PACK			Amount	Method
Material	From	To	Sacks/Lbs	
Bentonite	0	-22	32 sacks	pour in

Drive Shoe Used? ☒ Y ☐ N Shoe Depth(s) 397

Drive Shoe Seal Tested? ☐ Y ☒ N How?

8. CASING/LINER

Diam	From	To	Gauge	Material	Casng	Liner	Weld	Thrded
6	3	397	0.025	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length Headpipe _____ Length Tailpipe _____

9. PERFORATIONS/SCREENS

☐ Perforations? Method _____

☐ Screens? Screen Type _____

From	To	Slot	Nmbr	Diam	Material	Casng	Liner
						☐	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL or ARTESIAN PRESSURE

330 ft. below ground. Artesian pressure _____ lb.

Depth flow encountered 390 ft. Describe access port or

control devices: Steel cap welded

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
10-15 gpm	100%	450	1 hr.

Water Temp. _____ cold Bottom hole temp. _____ cold

Water Quality test or comments: (below) Depth first Water Encountered 390

clear, cold, no smell

12. LITHOLOGIC LOG (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Wat
8	0	22	Clay - brown	☐
8	22	144	Basalt	☐
8	144	265	Clay - brown with sand mix	☐
			T4 was moved off of hole and well	☐
			was finished with T2.	☐
			Tim Volking, President	☐
			United Drilling drilled first 265'	☐
			Started 8/10/99 moved T4 off 8/16/99	☐
			Moved T2 on 8/16/99 - finished 8/18/99	☐
6	250	390	Clay - brown with quartz and sand	☐
6	390	397	Granite-broken - brown/white with quartz	☐
6	397	460	Granite- brown/white with quartz	☐
			soft to medium	☐

Completed Depth 460 (Measurable)

Date: Started 8/10/99 Completed 8/18/99

13. DRILLERS CERTIFICATION

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

Firm Name United Drilling Inc. Firm No 4

Firm Official _____ Date 8/19/99

Supervisor or Operator Jason C. Beckham Date 8/19/99

FORWARD WHITE COPY TO WATER RESOURCES

52N 3W 33