

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

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

1. WELL TAG NO. D0022750

DRILLING PERMIT N 787574

Other IDWR No _____

2. OWNER:

Name Gayle Bourne

Address 42197 S Highway 3

City ST. Maries

State ID

Zip 83861

3. LOCATION OF WELL by legal description:

N		Twp <u>47N</u>	North ☒ or South ☐
Rge <u>02W</u>		East ☐ or West ☒	
Sec <u>18</u>		1/4 SW 1/4 SW 1/4	
10 Ac		40 Ac	160 Ac
Gov't Lot _____		County <u>Kootenai</u>	
Lat _____		Long _____	

Address of Well Site: (see next line)

same between mile marker 99 & 98 on right "Lonesome Pine"

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	19	3 SACKS	DRY POUR

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

Drive Shoe Seal Tested? ☐ Y ☒ N How? _____

8. CASING/LINER

Diam	From	To	Gauge	Material	Casng	Liner	Weld	Thrded
6	+1	19	0.250	STEEL	☒	☐	☐	☐
4	-8	180	0.160	PVC	☐	☒	☐	☐
					☐	☐	☐	☐

Length Headpipe _____ Length Tailpipe _____

9. PERFORATIONS/SCREENS

- ☐ Perforations? Method _____
☒ Screens? Screen Type PVC

From	To	Slot	Nmbr	Diam	Material	Casng	Liner
180	220	40		4	PVC	☐	☒
						☐	☐
						☐	☐

10. STATIC WATER LEVEL or ARTESIAN PRESSURE

60 ft. below ground. Artesian pressure _____ lb.
Depth flow encountered 155 ft. Describe access port or control devices: STEEL CAP WELDED

11. WELL TESTS:

- ☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pump Level	Time
20+	100%	220	1 HOUR

Water Temp. _____ COLD Bottom hole temp. _____ COLD

Water Quality test or comments: (below) Depth first Water Encountered 155

CLEAR

12. LITHOLOGIC LOG (Describe repairs or abandonment)

Bore Diam	From	To	Remarks: Lithology, Water Quality and Temperature	Water	
8	0	3	Topsoil	Y	N
8	3	17	Clay	☐	☒
8	17	19	Basalt w/clay	☐	☒
6	19	30	Basalt w/clay	☐	☒
6	30	90	Basalt - Medium - Sand	☐	☒
6	90	155	Basalt - Medium	☐	☒
6	155	158	Basalt - Broken 4 GPM	☒	☐
6	158	193	Basalt - Medium hard	☐	☒
6	193	197	Basalt - Broken 5 GPM	☒	☐
6	197	201	Basalt - Medium	☐	☒
6	201	217	Basalt - Soft 10 GPM	☒	☐
6	217	220	Basalt Medium	☐	☒

RECEIVED

OCT 29 2002

IDWR/North

Completed Depth 220 (Measurable)
Date: Started 10/3/02 Completed 10/3/02

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 414
Firm Official Tim M. Valters PWS Date 10/7/02
Supervisor or Operator Mark A. Penick Date 10/7/02

47N 2W 18