

RECEIVED

Form 238-7
11/97

APR 28 1999

IDAHO DEPARTMENT OF WATER RESOURCES

WELL DRILLER'S REPORT

076463

Office Use Only		
Inspected by		
Twp	Rge	Sec
1/4	1/4	1/4
Lat:	:	Long:
:	:	:
☒ Air	☐ Flowing Artesian	

1. WELL TAG NO. D 5777
IDWR PERMIT NO. 92-98 N 7
Other IDWR No. _____

2. OWNER:
Name Mike Mueller
Address P.O. Box 475
City St. Maries State Id. Zip 83861

POSTED

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>15</u>		North ☒ or South ☐	
W		Rge. <u>2</u>		East ☐ or West ☒	
E		Sec. <u>3</u>		1/4 <u>NE</u> 1/4 <u>SW</u> 1/4	
S		Gov't Lot _____		County <u>Bernier</u> 10 acres 40 acres 160 acres	
		Lat: _____		Long: _____	
		Address of Well Site <u>1/2 mile on High-</u>		City <u>St. Maries</u>	
		(Give at least name of road & Distance to Road or Landmark)			

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/FILTER PACK			AMOUNT		METHOD
Material	From	To	Sacks or Pounds		
Bentonite	D-123	400#			Powr Dry

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 123
Was drive shoe seal tested? ☒ Y ☐ N How? Air

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	123	250	Steel	☒	☐	☒	☐
4"	100	180	160	PVC	☐	☒	☐	☐

Length of Headpipe N/A Length of Tailpipe N/A

9. PERFORATIONS/SCREENS

Perforations _____ Method Drill
Screens _____ Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
140	180	1/4"	80	4"	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

72 ft. below ground Artesian pressure N/A lb.
Depth flow encountered 171 ft. Describe access port or control devices: Well cap

11. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
35			1 hr.

Water Temp. Cold Bottom hole temp. Cold

Water Quality test or comments: Clear

Depth first Water Encounter 107

12. LITHOLOGIC LOG: (Describe repairs or abandonment) Water

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8"	0	34	Clay brown w/ basalt boulders		
8"	34	40	Clay yellow		
8"	40	41	Sand (Iron)		
8"	41	71	Clay tan w/ decomposed basalt		
8"	71	93	Clay tan		
8"	93	107	Clay brown		
8"	107	117	Basalt med 190' @ 107		
8"	117	118	Void		
8"	118	123	Basalt med		
8"	123	171	Basalt med		
8"	171	180	Basalt 9 cracks 35 gpm @ 171		
8"	180		Basalt med		

Completed Depth 180' (Measurable)
Date: Started 4-8-99 Completed 4-12-99

13. DRILLER'S CERTIFICATION

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

Company Name Always Drilling Inc. Firm No. 510

Firm Official Stanley Walker Date 4-21-99

and Willie Date 4-12-99

(Sign once if Firm Official & Operator)

45 N 2 W 3

FORWARD WHITE COPY TO WATER RESOURCES