Form 238-7
11/97

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IDWR/North

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: : :

POSTED

1. WELL TAG NO. D 0017980
DRILLING PERMIT NO. 77-2528
Other IDWR No. _____

2. OWNER:
Name Jim Arrhenius
Address 69 Millwaukee Rd.
City St. Maries State ID Zip 83861

3. LOCATION OF WELL by legal description:
Sketch map location must agree with written location.

N / W / E / S — X

Twp. 46 North ☒ or South ☐
Rge. 2 East ☐ or West ☒
Sec. 16, ____ 1/4 (10 acres) SW 1/4 (40 acres) NW 1/4 (160 acres)
Gov't Lot ____ County Benewah
Lat: : : Long: : :
Address of Well Site Cottonwood Drive + Butler Drive
City St. Maries
(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 Material	From	To	AMOUNT Sacks or Pounds	METHOD
Bentonite	0	45	13 sx	Pour Around Pipe

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 160
Was drive shoe seal tested? ☒ Y ☐ N How? Air

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	-160	250	Steel	☒	☐	☒	☐
4"	-5	-330	160	PVC	☐	☒	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
Perforations ☐ Method Drill
Screens ☐ Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
-290	-330	1/2	40	4"	PVC	☐	☒
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
62' ft. below ground Artesian pressure _____ lb.
Depth flow encountered 325 ft. Describe access port or control devices: Well Cap

11. WELL TESTS:
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Pumping Level	Time
100+ g.p.m.	Airlift	from 330	

Water Temp. 54° Bottom hole temp. _____
Water Quality test or comments: Clear no odor
Depth first Water Encounter 325

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Water Y	Water N
8"	0	1	Top Soil		
	1	14	Clay - Tan		
	14	20	Sand - Tan		
	20	57	Clay - Tan - Sandy		
	57	60	Clay - Tan - Sandy w/Basalt		
	60	70	Clay - Tan - Sandy		
	70	118	Clay - Tan - Sandy w/ a little Basalt		
	118	160	Clay - Brown w/Basalt		
6"	160	177	Basalt Gray		
	177	290	Clay - Gray - w/Basalt		
	290	325	Clay - Soft - Gray		
	325	330	Gravel - Course 100+ g.p.m.	X	

Completed Depth 330 (Measurable)
Date: Started 12-18-01 Completed 12-20-01

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 All-Ways Drilling Inc. Firm No. 510
Firm Official Stanley Wolf Date 12-22-01
and
Driller or Operator Alvin Carris Date 12-21-01
(Sign once if Firm Official & Operator)

46N 2W 16

FORWARD WHITE COPY TO WATER RESOURCES