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Form 11/97

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 00022084
DRILLING PERMIT NO. 773251
Other IDWR No. _____

2. OWNER:
Name Reuben Marquardt
Address 12 Cottonwood Drive
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

Twp. 46 North ☒ or South ☐
Rge. 2 East ☐ or West ☒
Sec. 16, ____ 10 acres 1/4 S/E 40 acres 1/4 N/W 160 acres 1/4
Gov't Lot ____ County Benewah
Lat: : : Long: : :
Address of Well Site Cotton wood Drive - Top of Hill
(Give at least name of road + Distance to Road or Landmark)
City St. Maries

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	40	11 sx	Pour around Pipe

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 300
Was drive shoe seal tested? ☒ Y ☐ N How? Air

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2	-300	250	Steel	☒	☐	☒	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

9. PERFORATIONS/SCREENS
Perforations Method Torch 1/4" X 1'
Screens Screen Type _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
-140	-300	1/4" X 1"	240	6"	Steel	☒	☐
						☐	☐
						☐	☐

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:
102 ft. below ground Artesian pressure _____ lb.
Depth flow encountered 140 ft. Describe access port or control devices: Well Cap

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

Yield gal./min.	Drawdown	Pumping Level	Time
12 g.p.m air lift	from 300'		

Water Temp. 52° Bottom hole temp. _____
Water Quality test or comments: Clear no odor
Depth first Water Encounter 140

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	19	Clay - Tan		
	19	20	Basalt		
	20	25	Clay Tan		
	25	60	Basalt - Gray		
	60	140	Clay - Tan w/ Basalt		
	140	205	Clay - Green w/ Basalt	X	
	205	280	Basalt - Soft	X	
	280	300	Clay - Gray		
6"	300	350	Clay - Gray		
			4 g.p.m. from 140 - 205		
			8 g.p.m from 205 to 280		

Completed Depth 350 (Measurable)
Date: Started 1-29-02 Completed 2-1-02

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 Randy Kinyon Date 2-19-02
and
Driller or Operator Alvin Carris Date 2-19-02
(Sign once if Firm Official & Operator)

46 N 2 W 16

FORWARD WHITE COPY TO WATER RESOURCES