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Form 238-7

3/95

MAR 25 1998

IDAHO DEPARTMENT OF WATER RESOURCES.

WELL DRILLER'S REPORT

Use Typewriter or Ballpoint Pen

NORTHERN REGION

IDWR

91-98-N-1

1. DRILLING PERMIT NO. D000-3447

Other IDWR No. _____

2. OWNER:

Name Wemhoff Bros. Construction, Inc.Address #4 Meadowhurst DriveCity St. Marks State Id Zip 83864

3. LOCATION OF WELL by legal description:

Sketch map location must agree with written location.

N		Twp. <u>46</u> North ☒ or South ☐	
E		Rge. <u>2</u> East ☐ or West ☒	
S		Sec. <u>13</u> <u>N/W</u> 1/4 <u>N/E</u> 1/4 <u>S/W</u> 1/4	
W		Gov't Lot _____ County <u>Beneva</u>	
		Lat: _____ Long: _____	

Address of Well Site 1 mile east of St. Marks @ Wemhoff rock pit. City St. Marks
 (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	70'	75'	50#	Pour
Back fill	25'	70'		Shovel
Bentonite	0'	25'	400#	Pour

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 75'
 Was drive shoe seal tested? ☒ Y ☐ N How? Air test

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
6"	+2'	75'	1250	Steel	☒	☐	☒	☐
4"	60'	200'	1100	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
140'	180'	1/4"	50	4"	PVC	☐	☒

10. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

70' ft. below ground Artesian pressure N/A lb.
 Depth flow encountered 120'/170' ft. Describe access port or control devices: CAP

T46N R2W 13 NW NE SW

FORWARD WHITE COPY TO WATER RESOURCES

Office Use Only

Inspected by _____

Twp _____ Rge _____ Sec _____

_____ 1/4 _____ 1/4 _____ 1/4

Lat: _____ Long: _____

☒ Air ☐ Flowing Artesian

11. WELL TESTS:

- ☐ Pump ☐ Bailor

Yield gal./min.	Drawdown	Pumping Level	Time
109gpm			

Water Temp. Cold Bottom hole temp. _____

Water Quality test or comments: Clear & Clear

Depth first Water Encountered 120'

12. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
8"	0'	60'	broken shale fill		☒
8"	60'	75'	Gray shale soft		☒
6"	75'	85'	Gray shale soft		☒
6"	85'	120'	Brown shale med/H ₂ O @ 120'	☒	
6"	120'	150'	Brown shale hard		☒
6"	150'	158'	Gray shale hard		☒
6"	158'	200'	Gray shale med/H ₂ O @ 170'	☒	

Completed Depth 200' (Measurable)

Date: Started 3-9-98 Completed 3-10-98

13. DRILLER'S CERTIFICATION

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

Firm Name Allways Drilling Firm No. 510

Firm Official Stanley K. Walley Date 3/12/98

and _____

Supervisor or Operator [Signature] Date 3/12/98

(Sign once if Firm Official & Operator)