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MAY 15 1993

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESUSE TYPEWRITER OR
BALLPOINT PEN

Department of Water Resources

WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name Harold E. Martzall
 Address Rt 1 Box 556 St. Maries, Idaho
 Drilling Permit No. 95-93-N-15-000
 Water Right Permit No. _____

7. WATER LEVEL

Static water level 70 feet below land surface.
 Flowing? ☐ Yes ☒ No G.P.M. flow _____
 Artesian closed-in pressure _____ p.s.i.
 Controlled by: ☐ Valve ☐ Cap ☐ Plug
 Temperature cold °F. Quality Good
 Describe artesian or temperature zones below.

2. NATURE OF WORK

- ☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase ☐ Modification
☐ Abandoned (describe abandonment or modification procedures such as liners, screen, materials, plug depths, etc. in lithologic log, section 9.)

8. WELL TEST DATA

☐ Pump ☐ Baller ☒ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
<u>Est 30+6PM</u>		

3. PROPOSED USE

- ☒ Domestic ☐ Irrigation ☐ Monitor
☐ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
10"	0	61	Clay		
"	61	114	Soft Basalt		
"	114	124	Hard Basalt		
"	124	133	Med Hard Basalt		
"	133	139	Broken Basalt		
"	139	148	Very soft Clay + Basalt		
"	148	155	Hard Broken Basalt		
"	155	170	Very soft Clay + Basalt		
8 1/2"	170	180	Hard Broken Basalt		
8"	180	214	Caving Basalt Gravel + Clay		

4. METHOD DRILLED

- ☒ Rotary ☒ Air ☐ Auger ☐ Reverse rotary
☐ Cable ☐ Mud ☐ Other _____ (backhoe, hydraulic, etc.)

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____
 Thickness _____ Diameter _____ From _____ To _____
250 inches 8 inches + 2 feet 174 feet
 _____ inches _____ inches _____ feet _____ feet
 _____ inches _____ inches _____ feet _____ feet
 Was casing drive shoe used? ☒ Yes ☐ No
 Was a packer or seal used? ☐ Yes ☒ No
 Perforated? ☐ Yes ☒ No
 How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun
 Size of perforation? _____ inches by _____ inches
 Number _____ From _____ To _____
 _____ perforations _____ feet _____ feet
 _____ perforations _____ feet _____ feet
 _____ perforations _____ feet _____ feet
 Well screen installed? ☐ Yes ☒ No
 Manufacturer _____ Type _____
 Top Packer or Headpipe _____
 Bottom of Tailpipe _____

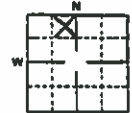
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
 Diameter _____ Slot size _____ Set from _____ feet to _____ feet
 Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____
 Placed from _____ feet to _____ feet

Surface seal depth 60+ Material used in seal: ☐ Cement grout
☒ Bentonite ☐ Puddling clay ☐ _____
 Sealing procedure used: ☐ Slurry pit
☒ Temp. surface casing ☒ Overbore to seal depth
 Method of joining casing: ☐ Threaded ☒ Welded
☐ Solvent Weld ☐ Cemented between strata

Describe access port well cap

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____
 Lot No. _____ Block No. _____
 County Benewah

Address of Well Site _____
 (give at least name of road)
NE 1/4 NW 1/4 Sec. 14 T. 46 N ☒ or S ☐
 R. 3 E ☐ or W ☒

11. DRILLER'S CERTIFICATION

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

Firm Name AQUA DRILLING & EXPLORATION INC. Firm No. 163
 P.O. Box 2850 Hayden Lake, ID 83835
 Address _____ Date 2-6-93

Signed by Drilling Supervisor Scott M. Beaumont
 and Scott M. Beaumont
 (Operator) (If different than the Drilling Supervisor)

SCANNED
DEC 21 2010

USE TYPEWRITER OR
BALL POINT PEN

State of Idaho
Department of Water Resources

WELL DRILLER'S REPORT

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State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

1. WELL OWNER

Name HAROLD E. MARTZALL
Address Rt 1 Box 556 ST MARIES 83861
Owner's Permit No. 95-76-N-8

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Abandoned (describe method of abandoning)

3. PROPOSED USE

☒ Domestic ☐ Irrigation ☐ Test ☐ Other (specify type)
☐ Municipal ☐ Industrial ☐ Stock ☐ Waste Disposal or Injection

4. METHOD DRILLED

☐ Cable ☒ Rotary ☐ Dug ☐ Other

5. WELL CONSTRUCTION

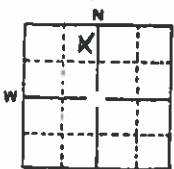
Diameter of hole 8 inches Total depth 158 feet
Casing schedule: ☒ Steel ☐ Concrete
Thickness 250 inches Diameter 6 inches From 1 feet To 158 feet
Was casing drive shoe used? ☒ Yes ☐ No
Was a packer or seal used? ☐ Yes ☒ No
Perforated? ☒ Yes ☐ No
How perforated? ☐ Factory ☐ Knife ☒ Torch
Size of perforation 1/16 inches by 12 inches
Number 40 From 140 feet To 158 feet
perforations 140 feet 158 feet
perforations 158 feet 158 feet

Well screen installed? ☐ Yes ☒ No
Manufacturer's name _____
Type _____ Model No. _____
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Diameter _____ Slot size _____ Set from _____ feet to _____ feet
Gravel packed? ☐ Yes ☒ No Size of gravel _____
Placed from _____ feet to _____ feet

Surface seal depth 18 Material used in seal ☐ Cement grout
☒ Pudding clay ☒ Well cuttings
Sealing procedure used ☐ Sherry pit ☐ Temporary surface casing
☒ Overbore to seal depth

6. LOCATION OF WELL

Sketch map location must agree with written location



Subdivision Name _____

Lot No. _____ Block No. _____

County BENEFICIAL

NE 1/4 NW 1/4 Sec. 14 T. 46 N. R. 3 E/W

7. WATER LEVEL

Department of Water Resources
Northern District Office

Static water level 62 feet below land surface
Flowing? ☐ Yes ☒ No G.P.M. flow _____
Temperature _____ F. Quality _____
Artesian closed-in pressure _____ p.s.i.
Controlled by ☐ Valve ☐ Cap ☐ Plug

8. WELL TEST DATA

☒ Pump ☐ Bailer ☒ Other AIR
Discharge G.P.M. 25 Draw Down 6 Hours Pumped 1

9. LITHOLOGIC LOG

Hole Diam.	Depth		Material	Water Yes No
	From	To		
8 0	81		Brown Clay	✓
8 81	122		Basalt & Shale	✓
8 122	139		Basalt & Shale	✓
8 139	159		Basalt & Shale	✓

10.

Work started 7/23/76 finished 7/27/76

11. DRILLERS CERTIFICATION

Firm Name Assoc. Well Drillers Firm No. 295

Address PO Box 723 Date 7/28/76

Signed by (Firm Official) Buddy Thornton

and Ray, Curtis

(Operator)

USE ADDITIONAL SHEETS IF NECESSARY

FORWARD THE WHITE COPY TO THE DEPARTMENT

SCANNED
DEC 21 2010