

WATER WELL REPORT  
STATE OF OREGON

Malk  
1889

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WATER RESOURCES DEPT.  
SALEM, OREGON

State Well No. 195/46E-15

State Permit No.

(1) OWNER:

Name ARVIN ANDERSON  
Address PO. BOX 2382  
City NYSSA State ORE

(2) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air  Driven   
Rotary Mud  Dug   
Cased  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other   
Thermal:  Withdrawal  ReInjection

(5) CASING INSTALLED:

Steel  Plastic   
Threaded  Welded

14" Diam. from 0 ft. to 19 ft. Gauge 250  
" Diam. from " ft. to " ft. Gauge "

LINER INSTALLED:

" Diam. from " ft. to " ft. Gauge "

(6) PERFORATIONS:

Perforated?  Yes  No

Type of perforator used \_\_\_\_\_  
Size of perforations in. by in.  
perforations from " ft. to " ft.  
perforations from " ft. to " ft.  
perforations from " ft. to " ft.

(7) SCREENS:

Well screen installed?  Yes  No

Manufacturer's Name \_\_\_\_\_ Model No. \_\_\_\_\_  
Type \_\_\_\_\_ Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Diam. \_\_\_\_\_ Slot Size \_\_\_\_\_ Set from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
id: \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
" " " " " "  
Air test \_\_\_\_\_ gal./min. with drill stem at \_\_\_\_\_ ft. \_\_\_\_\_ hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION:

Special standards: Yes  No

Well seal—Material used PORTLAND CEMENT  
Well sealed from land surface to 19 ft.  
Diameter of well bore to bottom of seal 13 in.  
Diameter of well bore below seal 12 in.  
Number of sacks of cement used in well seal 32 sacks  
How was cement grout placed? Grout Pump

Was pump installed? NO Type \_\_\_\_\_ HP \_\_\_\_\_ Depth \_\_\_\_\_ ft.  
Was a drive shoe used?  Yes  No Plugs \_\_\_\_\_ Size: location \_\_\_\_\_ ft.  
Did any strata contain unusable water?  Yes  No  
Type of Water? \_\_\_\_\_ depth of strata \_\_\_\_\_  
Method of sealing strata off \_\_\_\_\_  
Was well gravel packed?  Yes  No Size of gravel: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

(10) LOCATION OF WELL:

County MAURHER Driller's well number 2  
SW 1/4 SW 1/4 Section 155 T. 195 R. 46 E W.M.  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_

Address at well location: \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found 280 ft.  
Static level 215 ft. below land surface. Date 9-27  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 735 ft. Depth of completed well 735 ft.  
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<u>soil</u>	<u>0</u>	<u>8</u>	
<u>Gravel</u>	<u>8</u>	<u>14</u>	
<u>brown clay (SANDY)</u>	<u>14</u>	<u>140</u>	
<u>Gray clay</u>	<u>140</u>	<u>280</u>	
<u>Blue clay (SANDY water bearing)</u>	<u>280</u>	<u>400</u>	
<u>Blue Gray clay (HARD)</u>	<u>400</u>	<u>460</u>	
<u>Gray clay (SANDY)</u>	<u>460</u>	<u>510</u>	<u>215</u>
<u>Gray Blue clay</u>	<u>510</u>	<u>585</u>	<u>215</u>
<u>Gray Blue clay (HARD)</u>	<u>585</u>	<u>595</u>	<u>215</u>
<u>GRAY GREEN SANDSTONE</u>			
<u>fine</u>	<u>595</u>	<u>597</u>	<u>215</u>
<u>GRAY clay (SANDY)</u>	<u>597</u>	<u>675</u>	<u>215</u>
<u>GRAY clay (HARD)</u>	<u>675</u>	<u>735</u>	<u>215</u>

Work started 9-23 1982 Completed 10-3 1982  
Date well drilling machine moved off of well 10-3 1982

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
[Signed] Herbert A. Bowman Date 10-13 1982  
(Drilling Machine Operator)

Drilling Machine Operator's License No. \_\_\_\_\_

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

Name \_\_\_\_\_ (Person, firm or corporation) \_\_\_\_\_ (Type or print)

Address \_\_\_\_\_

[Signed] Herbert A. Bowman (Water Well Contractor)

Contractor's License No. \_\_\_\_\_ Date 10-13 1982