

UMAT
1072

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JAN 26 1981

WATER RESOURCES DEPT
SALEM, OREGON

6-10116

State Well No. 2N-33E-31 CC

State Permit No. _____

(1) OWNER:

Name Robert L. Wagner
Address 214 S.E. Isaac
City Pendleton State Ore 97801

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

(4) PROPOSED USE (check):

Rotary Air Driven Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
Cable Bored Thermal: Withdrawal Reinjection

(5) CASING INSTALLED:

Steel Plastic
Threaded Welded

" Diam. from 7.1 ft. to 7.1 ft. Gauge 2.50
" 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 _____
Type _____ Model No. _____
Diam. _____ Slot Size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot Size _____ Set from _____ ft. to _____ ft.

WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom?
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
AIR TEST 7.5 " drill stem at 400 1 "
Air test 4.5 gal./min. with drill stem at 300 ft. 1 hrs.
_____ 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 Cement
Well sealed from land surface to 7.1 ft.
Diameter of well bore to bottom of seal 10" in. 12" to 25'
Diameter of well bore below seal 8 in.
Number of sacks of cement used in well seal 20 sacks
How was cement grout placed? Pressure grouted

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 Umatilla Driller's well number _____
SW 1/4 SW 1/4 Section 31 T. 2N R. 33E W.M.
Tax Lot # 1400 Lot _____ Blk _____ Subdivision _____
Address at well location: _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 18 ft.
Static level 23 ft. below land surface. Date 1-7-81
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8"

Depth drilled 525 ft. Depth of completed well 525 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>Topsail</u>	<u>0</u>	<u>5</u>	
<u>Claystone, yellow</u>	<u>5</u>	<u>14</u>	
<u>Claystone yellow + gravel</u>	<u>14</u>	<u>35</u>	
<u>Rock, soft, brown</u>	<u>35</u>	<u>56</u>	
<u>Rock, hard, brown</u>	<u>56</u>	<u>81</u>	
<u>Rock, hard, dark brown</u>	<u>81</u>	<u>96</u>	
<u>Rock, red</u>	<u>96</u>	<u>109</u>	
<u>Rock, light brown</u>	<u>109</u>	<u>114</u>	
<u>Rock, black</u>	<u>114</u>	<u>155</u>	
<u>Basalt</u>	<u>155</u>	<u>189</u>	
<u>Rock, black + green claystone</u>	<u>189</u>	<u>235</u>	<u>W.B.</u>
<u>Rock, dark brown</u>	<u>235</u>	<u>241</u>	
<u>Rock, med. black</u>	<u>241</u>	<u>255</u>	
<u>Basalt</u>	<u>255</u>	<u>339</u>	
<u>Basalt, gray</u>	<u>339</u>	<u>400</u>	
<u>Rock, dark brown + yellow claystone</u>	<u>400</u>	<u>422</u>	
<u>Rock, black</u>	<u>422</u>	<u>457</u>	
<u>Basalt, hard gray</u>	<u>457</u>	<u>482</u>	
<u>Rock, black + green claystone</u>	<u>482</u>	<u>512</u>	<u>W.B.</u>
<u>Basalt</u>	<u>512</u>	<u>518</u>	
<u>Rock, black + white claystone</u>	<u>518</u>	<u>525</u>	<u>W.B.</u>
Work started <u>12-31</u> 19 <u>80</u> Completed <u>1-7</u> 19 <u>81</u>			
Date well drilling machine moved off of well <u>1-12</u> 19 <u>81</u>			

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] James T. Smith Date 1-17, 1981
(Drilling Machine Operator)
Drilling Machine Operator's License No. 665

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 TROY GRIFFIN (Type or print)
(Person, firm or corporation)
Address 900 HERMISTON AVE, HERMISTON ORE
[Signed] Troy Griffin
(Water Well Contractor)
Contractor's License No. 65 Date 1-17, 19 81