

WATER WELL REPORT
STATE OF OREGON

RECEIVED

MAY 04 1981

State Well No. 1N/21E-19cb

BILL 48

WATER RESOURCES DEPT
SALEM, OREGON

State Permit No. _____

(1) OWNER:

Name Jim Marick
Address Star Rt.
City Arlington State OR 97812

(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 Domestic Industrial Municipal
Rotary Mud Dug Irrigation Test Well Other
 Bored Thermal: Withdrawal Reinjection

(4) PROPOSED USE (check):

(5) CASING INSTALLED: Steel Plastic
Threaded Welded
12" Diam. from 71 ft. to 50 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 _____
Type _____ Model No. _____
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?
ft. gal./min. with ft. drawdown after hrs.
" " " " " "
Air test 700 gal./min. with drill stem at 400 ft. 1 hrs.
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.

(9) CONSTRUCTION:

Special standards: Yes No

Well seal—Material used Cement
Well sealed from land surface to 50 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 17 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? Surface depth of strata 10-41
Method of sealing strata off Casing + cement
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County William Driller's well number _____
NW 1/4 SW 1/4 Section 19 T. 17 R. 21E W.M.
Tax Lot # _____ Lot _____ Blk _____ Subdivision _____
Address at well location: _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 10 ft.
Static level 51 ft. below land surface. Date 4-21-81
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 10"
Depth drilled 750 ft. Depth of completed well 750 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>Topsoil</u>	<u>0</u>	<u>6</u>	
<u>Shale</u>	<u>6</u>	<u>41</u>	<u>W.B.</u>
<u>Basalt, broken</u>	<u>41</u>	<u>45</u>	
<u>Rock, med. black</u>	<u>45</u>	<u>67</u>	
<u>Basalt</u>	<u>67</u>	<u>83</u>	
<u>Rock, med. black</u>	<u>83</u>	<u>112</u>	
<u>Basalt</u>	<u>112</u>	<u>162</u>	
<u>Rock, med. black</u>	<u>162</u>	<u>178</u>	
<u>Basalt, hard</u>	<u>178</u>	<u>247</u>	
<u>Rock, med. black</u>	<u>247</u>	<u>266</u>	
<u>Basalt</u>	<u>266</u>	<u>328</u>	
<u>Rock, med. black</u>	<u>328</u>	<u>361</u>	<u>W.B.</u>
<u>Basalt</u>	<u>361</u>	<u>393</u>	
<u>Rock, med. black/green claystone</u>	<u>393</u>	<u>415</u>	<u>W.B.</u>
<u>Basalt</u>	<u>415</u>	<u>466</u>	
<u>Basalt, black/green claystone</u>	<u>466</u>	<u>485</u>	<u>W.B.</u>
<u>Basalt</u>	<u>485</u>	<u>672</u>	
<u>Basalt, med black/green claystone</u>	<u>672</u>	<u>725</u>	<u>W.B.</u>
<u>Basalt</u>	<u>725</u>	<u>750</u>	

Work started 4-13 19 81 Completed 4-21 19 81
Date well drilling machine moved off of well 4-21 19 81

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. Leitch Date 4-21, 19 81
(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 4-21, 19 81