

**WATER WELL REPORT**  
STATE OF OREGON

**RECEIVED**

MAY 18 1983

State Well No. 35/1W-8bd

CLAC  
07926

WATER RESOURCES DEPT.  
SALEM, OREGON

State Permit No. \_\_\_\_\_

**(1) OWNER:**

Name BEN LANGSTON  
Address 16031 SW Pleasant Hill Rd  
City Shawwood Ore State \_\_\_\_\_

**(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   
8" Diam. from 72 ft. to 80 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?  
\_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Air test 200+ gal./min. with drill stem at 450 ft. 1 hrs.  
Bailer test \_\_\_\_\_ gal./min. with \_\_\_\_\_ ft. drawdown after \_\_\_\_\_ hrs.  
Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 52 Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
Well seal—Material used Cement Grout  
Well sealed from land surface to 80 - 75-80 ft.  
Diameter of well bore to bottom of seal 13 in.  
Diameter of well bore below seal 6 in.  
Number of sacks of cement used in well seal 34 sacks  
How was cement grout placed? Pump Pack  
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 Chackamas Driller's well number \_\_\_\_\_  
SE 1/4 NW 1/4 Section 8 T. 3S R. 1W W.M. \_\_\_\_\_  
Tax Lot # \_\_\_\_\_ Lot \_\_\_\_\_ Blk \_\_\_\_\_ Subdivision \_\_\_\_\_

Address at well location: same as (1)

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 424 ft.  
Static level 241 ft. below land surface. Date 5-6-83  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 8"  
Depth drilled 450 ft. Depth of completed well 450 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
Brown Soil	0	2	
Brown Clay	2	16	
Brown Shale	16	62	
Medium Hard Gray Basalt	62	97	
Gray Red Porous Basalt	97	106	
Hard Gray Basalt	106	114	
Gray Broken Basalt	114	133	
Hard Gray Basalt	133	158	
Gray Basalt + Clay Sands	158	178	
Hard Gray Basalt	178	184	
Gray Broken Basalt	184	204	
Hard Gray Basalt	204	272	
Gray Porous Basalt	272	290	
Brown, Yellow Porous Basalt	290	308	
Hard Gray Basalt	308	424	
Gray Porous Basalt (water)	424	450	241

Work started 5-2 19 83 Completed 5-6 19 83  
Date well drilling machine moved off of well 5-6 19 83

**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] Raymond W. Borchers Date 5-6, 1983  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 305

**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 Borchers Drilling Inc. (Type or print)  
(Person, firm or corporation)  
Address RT 3, Box 271A, Shawwood  
[Signed] Raymond W. Borchers (Water Well Contractor)  
Contractor's License No. 404 Date 5-6, 19 83

NOTICE TO WATER WELL CONTRACTOR  
The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT,  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

SP\*12658-690