

DESC  
3016

OBSERVATION WELL

15/10 - 8.G(2)

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

WATER WELL REPORT

(Well No. 1 Abandoned, State Well No. (2) & Capped.)

STATE OF OREGON

U628

State Permit No. U581

(1) OWNER:  
Name ROSS B. HAMMOND  
Address SISTERS, OREGON

(2) LOCATION OF WELL:  
County Deschutes Owner's number, if any— 2  
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):  
Domestic  Industrial  Municipal  Irrigation  Test Well  Other   
(5) TYPE OF WELL:  
Rotary  Cable  Dug  Driven  Jetted  Bored

(6) CASING INSTALLED:  
16" Diam. from 0 ft. to 95 1/4" ft. Gage 5/16  
12" Diam. from 76 ft. to 196 1/8" ft. Gage 5/16

(7) PERFORATIONS:  
Type of perforator used Star 4 Way Drive Down  
SIZE of perforations 3/8 in. by 1 1/4 in.  
96 perforations from 118 ft. to 122 ft.  
100 perforations from 125 ft. to 131 ft.  
120 perforations from 169 ft. to 174 ft.  
120 perforations from 176 ft. to 181 ft.

(8) SCREENS:  
Well screen installed  Yes  No  
Manufacturer's Name  
Type  
Slot size Set from ft. to ft.

(9) CONSTRUCTION:  
Was well gravel packed?  Yes  No Size of gravel:  
Gravel placed from ft. to ft.  
Was a surface seal provided?  Yes  No To what depth? 10 ft.  
Material used in seal— sand, gravel & cement  
Did any strata contain unusable water?  Yes  No  
Type of water? Depth of strata  
Method of sealing strata off

(10) WATER LEVELS:  
Static level 109 ft. below land surface Date 7/6/60  
Artesian pressure lbs. per square inch Date

Log Accepted by:  
[Signed] \_\_\_\_\_ Date \_\_\_\_\_, 19\_\_\_\_  
(Owner)

(11) WELL TESTS:  
Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? BOTTNER  
Yield: 900 gal./min. with 5 ft. drawdown after 16 hrs.

(12) WELL LOG:  
Diameter of well 16 inches.  
Depth drilled 228 ft. Depth of completed well 228 ft.  
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top Soil	0	3
Pumice	3	30
Gravel	30	35
Soft Lava Rock	35	86
Red Cinders	86	93
Mdm. Hard Rock	93	124
Red Cinders	124	145
Black Cinders	145	170
Gravel ( loose Large Water Bearing )	170	194
Porous Lava Rock (water Brng)	194	228
Grey Mdm. Hard Rock	228	229

Work started JUNE 13 1960 Completed July 6 1960

(13) PUMP:  
Manufacturer's Name WESTERN LAND ROLLER  
Type: OIL LUBE TURBINE H.P. 50

Well Driller's Statement:  
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  
NAME HAakon I. Bottner Drilling Co.  
(Person, firm, or corporation) (Type or print)  
Address 115 1/4 N. E. GLISAN ST.  
PORTLAND 20, OREGON  
Driller's well number  
[Signed] H. Bottner  
(Well Driller)  
License No. 109 Date OCT. 10, 1960