

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

RECEIVED WATER WELL REPORT RECEIVED

STATE ENGINEER, SALEM, OREGON  
STATE ENGINEER Do (Print name of print)  
SALEM, OREGON  
State Well No. 15/3E-20  
OCT 31 1974  
State Permit No. E 6997

(1) OWNER:  
Name M. Bliss  
Address 1928 SE 190th Portland, Oregon

(10) LOCATION OF WELL: Mottmouth Co.  
County Stark Driller's well number 20  
1/4 Section 20 T. 13 R. 3E W.M.  
Bearing and distance from section or subdivision corner

(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  Driven  Domestic  Industrial  Municipal   
Cable  Jetted  Irrigation  Test Well  Other   
Dug  Bored

(6) CASING INSTALLED:  
8" Diam. from 0 ft. to 228 ft. Gage 150  
6" Diam. from 221 ft. to 280 ft. Gage 160

(7) PERFORATIONS:  
Type of perforator used mills knife  
Size of perforations 3/16 in. by 3 in.  
500 perforations from 130 ft. to 223 ft.  
360 perforations from 221 ft. to 280 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?  
Yield: 160 gal./min. with 70' drawdown after 1 1/2 hrs.  
157 " 77' " 1 1/2 "  
178 " 78' " 2 "  
Bailer test 40 gal./min. with 25 ft. drawdown after hrs.  
Artesian flow — g.p.m.  
Temperature of water 52 Depth artesian flow encountered — ft.

(9) CONSTRUCTION:  
Well seal—Material used Next cement. to 30'  
Well sealed from land surface to 100 ft.  
Diameter of well bore to bottom of seal 10 in.  
Diameter of well bore below seal 8 driven pipe  
Number of sacks of cement used in well seal 16 sacks  
Number of sacks of bentonite used in well seal 2 sacks  
Brand name of bentonite Nd-trend  
Number of pounds of bentonite per 100 gallons of water Mixed with clay slurry lbs./100 gals.  
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: 1/2" minus  
Gravel placed from 221 ft. to 280 ft.

(11) WATER LEVEL: Completed well.  
Depth at which water was first found 130 ft.  
Static level 80 ft. below land surface. Date  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing to bottom  
Depth drilled 280 ft. Depth of completed well 280 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
Top soil	0	2	
brown clay	2	15	
sandy clay	15	20	
soft blue clay	20	32	
soft hard rock	32	43	
hard rock firm	43	52	
soft red sand	52	70	
firm sand	70	82	
clay & gravel	82	108	
cement & gravel	108	142	
clay & gravel	142	181	
loosely cemented	181	198	80'
cement & gravel	198	280	80'

2 sacks cement in rock 40'  
10" surface pipe to rock, removed after sealing.  
Work started May 30 1974 Completed June 2 1974  
Date well drilling machine moved off of well June 3 1974

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] O. O. Olson Date Sept 19 1974  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 214

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 Olsen Well Drilling & Inc.  
(Person, firm or corporation) (Type or name)  
Address 18211 SE Powell Highway  
[Signed] O. O. Olson  
(Water Well Contractor)  
Contractor's License No. 282 Date Sept 29 1974