

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

**RECEIVED**  
AUG 25 1971  
STATE OF OREGON  
WATER WELL REPORT  
STATE ENGINEER  
SALEM OREGON  
(Do not write above this line)

*Linn*  
*Woo*

State Well No. 11/4W-25  
State Permit No. \_\_\_\_\_

STATE ENGINEER, SALEM, OREGON  
within 30 days from the date of well completion.

**(1) OWNER:**

Name Linn-Benton Community College  
Address Rt. 1, Tangent, Ore. 97389

**(2) TYPE OF WORK (check):**

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

**(3) TYPE OF WELL:**

Rotary  Driven   
Cable  Jetted   
Dug  Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**CASING INSTALLED:**

Threaded  Welded   
8" Diam. from +18" ft. to 174'07" Gage 250 Wall  
" Diam. from 5 ft. ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_  
" Diam. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Gage \_\_\_\_\_

**PERFORATIONS:**

Perforated?  Yes  No.

Type of perforator used Acetylene Torch  
Size of perforations 1/2 in. by 12 in.  
60 perforations from 163'07" ft. to 174'07" 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? Self  
Yield: 575 gal./min. with 72 ft. drawdown after 6 hrs.  
" " " " " "  
" " " " " "  
Bailer test 130 gal./min. with 7 ft. drawdown after 1 1/2 hrs.  
Artesian flow \_\_\_\_\_ g.p.m.

Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Bentonite  
Well sealed from land surface to 18 ft.  
Diameter of well bore to bottom of seal 12 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal \_\_\_\_\_ sacks  
Number of sacks of bentonite used in well seal 2 sacks  
Brand name of bentonite Oregon Bentonite  
Number of pounds of bentonite per 100 gallons of water \_\_\_\_\_ 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: \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**(10) LOCATION OF WELL:**

County Linn Driller's well number \_\_\_\_\_  
1/4 Section 25 T. 11S R. 4W W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

Depth at which water was first found 28 ft.  
Static level 9 ft. below land surface. Date 7-16-71  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 8"

Depth drilled 178 ft. Depth of completed well 178 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	
Brown Clay & Gravel	15	28	
Dirty Gravel	28	32	
Brown Clay & Gravel	32	36	
Dirty Gravel	36	47	
Brown Clay	47	50	
Dirty Gravel	50	67	
Packed Brown Sandy Clay	67	72	
Dirty Brown Gravel	72	84	
Brown Clay	84	89	
Blue Clay & Gravel	89	99	
Blue Clay	99	104	
Blue Clay & Gravel	104	117	
Black Clay	117	122	
Blue Clay & Gravel	122	140	
Blue Clay	140	143	
Redish Brown Clay	143	149	
Black Clay	149	163	con't
Work started	<u>X 7-7</u>	19 <u>71</u>	Completed <u>7-16</u> 19 <u>71</u>

Date well drilling machine moved off of well \_\_\_\_\_ 19 \_\_\_\_\_

**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] Merle Warren Date 7/21, 1971  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 436

**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 Merle Warren Well Drilling  
(Person, firm or corporation) (Type or print)

Address Rt. 1, Box 84, Tangent, Ore. 97389

[Signed] Merle Warren  
(Water Well Contractor)

Contractor's License No. 182 Date 7/21, 1971

Material  
Gravel  
Black Clay

From To  
163 169  
169 178