

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

RECEIVED
SEP 16 1971

WATER WELL REPORT

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

Union 731
Union 731
Hilgard Park Well

State Well No. 3/37-6

State Permit No.

(1) OWNER:

Name OREGON STATE DEPT. of General Services
Address Salem, ORE

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary
Cable
Aug

Driven
Jetted
Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(10) LOCATION OF WELL:

County UNION Driller's well number _____
Section T. 3 S R. 37 E W.M. _____

Bearing and distance from section or subdivision corner

Approx 1700' S. ~~from~~ ~~the~~ ~~corner~~ ~~of~~ ~~N.W.~~ ~~corner~~ ~~of~~ ~~above~~

(11) WATER LEVEL: Completed well.

Depth at which water was first found 24 ft.
Static level 8 ft. below land surface. Date 8/10
Artesian pressure 3 lbs. per square inch. Date 8/30/71

(12) WELL LOG:

Diameter of well below casing 6"
Depth drilled 150 ft. Depth of completed well 150 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
Topsoil & boulders	0	2	
Cemented boulders	2	12	
Brown basalt, hard	12	24	
Black " occasional red cinders	24	46	
Black basalt, streaks of green shale	46	80	
Black basalt, hard	80	126	
" " broken streaks	126	150	

Well developed leak around cement two days after rig was moved. Returned on 8/28 and re-grouted, and re-installed gate valve & pressure gage.

Work started 8/9 1971 Completed 8/15 1971
Date well drilling machine moved off of well 8/16 1971

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] Princeton Lewis Date 8/16, 1971
(Drilling Machine Operator)
Drilling Machine Operator's License No. 341

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 CARLENE F. EDGEMAN, INC.
(Person, firm or corporation) (Type or print)
Address P.O. 613 LIGANDS, ORE 97850
[Signed] J.P. Miller
(Water Well Contractor)
Contractor's License No. 517 Date 8/16, 1971

CASING INSTALLED:
Threaded Welded
6" Diam. from 0 ft. to 30 ft. Gage -25
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

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?
Yield: 25 gal./min. with 12 ft. drawdown after 3 hrs.
" " " " " " " "
" " " " " " " "
" " " " " " " "
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow 12 g.p.m.
Temperature of water 50° Depth artesian flow encountered 126 ft.

(9) CONSTRUCTION:
Well seal—Material used cement
Well sealed from land surface to 30 ft.
Diameter of well bore to bottom of seal 9 7/8 in.
Diameter of well bore below seal 6 in.
Number of sacks of cement used in well seal 4 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of 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.