

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

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

RECEIVED

STATE OF OREGON APR 25 1977

(Please type or print)

(Do not write above this line)

State Well No. 173/12E-86a
State Permit No. DESC 4864
440710 1211960 01

(10) LOCATION OF WELL
County DELSHORE 5 Driller's Well number 4
ME 1/4 NW 1/4 Section 8 T. 17S R. 12E W.M.
Bearing and distance from section or subdivision corner

(1) OWNER:

Name ALION WATER CO
Address LOB 13 PARRELL RD.
BEND, 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 Driven
Cable Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
10 " Diam. from +1 ft. to 28 ft. Gage 250
8 " Diam. from +2 ft. to 198 ft. Gage 138
" Diam. from _____ ft. to _____ ft. Gage _____

(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 _____ Model No. _____
Type _____ 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

Is a pump test made? Yes No If yes, by whom?
Id: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " " " "
" " " " " "
Bailer test 25 gal./min. with 1 ft. drawdown after 3 hrs.
Artesian flow _____ g.p.m.
Temperature of water 51/Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT GROUT
Well sealed from land surface to 28 ft.
Diameter of well bore to bottom of seal 14 in.
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 7 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.

(11) WATER LEVEL: Completed well.

Depth at which water was first found 195 ft.
Static level 171 ft. below land surface. Date 4-18-77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 8"
Depth drilled 214 ft. Depth of completed well 208 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
SAND-PUMICE	0	3	
LAVA BOULDERS	3	17	
LAVA-GRAY	17	31	
LAVA-GRAY-BROKEN	31	80	
GRAVEL+CLAY	80	96	
LAVA-GRAY-BROKEN	96	110	
SAND-PUMICE-BROWN	110	130	
PUMICE BROWN	130	195	
PUMICE-SAND GRAVEL	195	199	
PUMICE-CLAY	199	212	
PUMICE-SAND	212	214	

Work started 2-27 1977 Completed 4-21 1977
Date well drilling machine moved off of well 4-21 1977

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] William P. Power Date 4-21, 1977
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1100

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 DOVER DRILLING CO
(Person, firm or corporation) (Type or print)

Address 20279 ILLAHUS DR. BEND, OR

[Signed] William P. Power
(Water Well Contractor)

Contractor's License No. 634 Date 4-21, 1977