

The original and first copy of this report are to be filed with the

WATER RESOURCES DEPARTMENT  
SALEM, OREGON 97310  
within 30 days from the date of well completion.

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

(Do not write above this line)

State Well No. 163/12E-77cd

State Permit No. \_\_\_\_\_

**RECEIVED**

APR 4 1979

DESC  
4357

WATER RESOURCES DEPT.

(1) OWNER:

SALEM, OREGON

Name Pacific Northwest Development Corp.

Address 2411 S.E. 42nd Ave. - Portland, Oreg. 97206

(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  Dug   
Driven  Jetted  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

CASING INSTALLED:

Threaded  Welded   
8" Diam. from +1 ft. to 41 ft. Gage # 250  
6" Diam. from +1 1/2 ft. to 190 ft. Gage # 188  
" 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? Reed's Pump  
Yield: 29 gal./min. with 3 ft. drawdown after 1 hrs.  
29 " " 3 " " 4 "  
" 29 " " 3 " " 8 "  
AIR  
Packer test 25 gal./min. with 3 ft. drawdown after 2 hrs.

Artesian flow \_\_\_\_\_ g.p.m.  
Temperature of water 52 Depth artesian flow encountered \_\_\_\_\_ ft.

(9) CONSTRUCTION:

Well seal—Material used CEMENT SLURRY  
Well sealed from land surface to 41 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 17 sacks  
How was cement grout placed? PRESSURE GROUTED  
WITH 1" PIPE ALONG 8" CASING  
TO BOTTOMS OF 12" HOLE

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 Deschutes Driller's well number \_\_\_\_\_  
SE 1/4 SW 1/4 Section 17 T. 16-SR. 12-E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found 158 ft.  
Static level 148 ft. below land surface. Date 3-16-79  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing 8  
Depth drilled 195 ft. Depth of completed well 195 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
Gravel	0	14	
Clay & sediments	14	30	
Gravel	30	34	
Clay	34	45	
Brown broken Lava (cemented)	45	73	
Gray lava, frac.	73	92	
Broken lava	92	95	
Gray lava	95	106	
Red clay & sed.	106	117	
Tan sandstone	117	164	148
Brn. sandstone & gravel	164	195	148

Work started 3-13 19 79 Completed 3-23 19 79  
Date well drilling machine moved off of well 3-23-79 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] Doug Batten Court Date 3-27, 19 79  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 1078

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 Reed's Well Drilling  
(Person, firm or corporation) (Type or print)

Address 20219 Meadow Lane - Bend, Oregon 97701

[Signed] Alfred Reed  
(Water Well Contractor)

Contractor's License No. 443 Date March 27, 19 79