

WATER WELL REPORT

*Benton
5708*

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

RECEIVED

STATE OF OREGON
(Please type or print)

State Well No. 125/lew-12

State Permit No. _____

JUN 27 1977 (Do not write above this line)

(1) OWNER: WATER RESOURCES DEPT.

Name City of Philomath, OREGON
Address P.O. Box 549
Philomath, Oregon 97370

(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

(5) CASING INSTALLED:

Threaded Welded
12" Diam. from +2'6" ft. to 80 ft. Gage 250
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(6) PERFORATIONS:

Perforated? Yes No.

Type of perforator used Torch
Size of perforations 1/4 in. by 6 in.
50 perforations from 76 ft. to 80 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
Mainline pump on test well

Was a pump test made? Yes No If yes, by whom?
Yield: 300 gal./min. with 85 ft. drawdown after 48 hrs.
" " " " " "
" " " " " "
Baller test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m.
Temperature of water _____ Depth artesian flow encountered _____ ft.

(9) CONSTRUCTION:

Well seal—Material used Cement
Well sealed from land surface to 72 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 32 sacks
How was cement grout placed? pumped through tremie

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 pea
Gravel placed from 72 ft. to 80 ft.

(10) LOCATION OF WELL:

County Benton Driller's well number Cy/60/A
1/4 Section 12 T. 12S R. 6W W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 77 ft.
Static level 17 ft. below land surface. Date 5/23/77
Artesian pressure _____ lbs. per square inch. Date _____

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 267 ft. Depth of completed well 265 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
black clay soil	0	1	
sticky yellow clay	1	17	
brown clay	17	35	
blue clay	35	54	
blue shale	54	59	
blue clay	59	65	
blue grey shale	65	77	
black basalt gravel chips	77	79	
black basalt w/quartz	79	226	
broken blue basalt	226	234	
dark grey basalt w/quartz	234	267	

Work started 5/23/77 19 Completed 6/16/77 19
Date well drilling machine moved off of well 6/16/77 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] Hal A. Murathey Date 6/20/77, 19____
(Drilling Machine Operator)

Drilling Machine Operator's License No. 710

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 Corvallis Drilling Co. Inc.
(Person, firm or corporation) (Type or print)

Address 3440 SW 3rd St. Corvallis, Oregon 97330

[Signed] Charles A. King
(Water Well Contractor)

Contractor's License No. 560 Date 6/20/77, 19____