

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

RECEIVED

STATE OF OREGON  
(Please type or print)

JUL 29 1980

DESC  
3418

State Well No. 153/11e-330a

State Permit No.

Do not write above this line

(1) OWNER: WATER RESOURCES DEPT  
SALEM, OREGON

Name Jim Neal  
Address Holmes Road, Redmond, OR

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Driven   
Cable  Jetted   
Dug  Bored

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

(5) CASING INSTALLED:

Threaded  Welded   
8" Diam. from 0-1 ft. to 19 ft. Gage 250  
" Diam. from ft. to ft. Gage  
" 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  
Type Model No.  
Diam. Slot size Set from ft. to ft.  
Diam. Slot size Set from ft. to ft.

WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
Yield: 20 gal./min. with 2 ft. drawdown after 1 hrs.  
" airlift method " " "  
" " " " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 52 Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used Portland Cement  
Well sealed from land surface to 19 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 7 sacks  
How was cement grout placed?  
pressure grouted

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  
NE 1/4 NE 1/4 Section 33 T. 15 R. 11 W.M.  
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 410 ft.  
Static level 402 ft. below land surface Date 7-15-80  
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 8"  
Depth drilled 443-1/2 ft. Depth of completed well 440 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
Overburden	0	4	
Grey lava, hard	4	56	
Red clay	56	63	
Brown sandstone	63	77	
Brown lava	77	98	
Red clay	98	110	
Brown sandstone	110	164	
Tan sandstone	164	212	
Brown sandstone, medium	212	261	
Black lava, hard	261	305	
Grey lava, hard	305	325	
Red sandstone	325	363	
Brown sandstone	363	401	
Black sand, waterbearing	401	419	402
Red & black sand, waterbearing	419	435	
Black lava	435	443	

Work started 7-9 1980 Completed 7-15 1980  
Date well drilling machine moved off of well 7-15 1980

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] Jim M. Payne Date 7-21, 1980  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 1421

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 Lewis & Clark Drilling Inc. (Type or print)  
(Person, firm or corporation)  
Address P.O. Box 586, Redmond, OR 97756  
[Signed] J. M. Payne (Water Well Contractor)  
Contractor's License No. 594 Date 7-24-80