

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.

**DESC 3879**

WATER WELL REPORT

STATE OF OREGON FEB 18 1975

(Please type or print) STATE ENGINEER SALEM, OREGON

State Well No. 155/13E-16cb  
State Permit No. \_\_\_\_\_

(1) OWNER:

Name City of Redmond  
Address Redmond, Oregon

(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

(5) CASING INSTALLED:

Threaded  Welded   
16" Diam. from #2 ft. to 280 ft. Gage .250  
14" Diam. from 255 ft. to 433 ft. Gage .250

(6) PERFORATIONS:

Perforated?  Yes  No  
Type of perforator used Factory slot  
Size of perforations 6 in. by 1/8 in.  
2,000 perforations from 255 ft. to 423 ft.

(7) SCREENS:

Well screen installed?  Yes  No  
Manufacturer's Name \_\_\_\_\_  
Type \_\_\_\_\_ Model No. \_\_\_\_\_  
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? H & H Drilling, Inc.  
Yield: 117 1/4 gal./min. with 35 ft. drawdown after 29 hrs.  
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 280 ft.  
Diameter of well bore to bottom of seal 18 to 20 to 40 to 20 in.  
Diameter of well bore below seal 18 to 16 in.  
Number of sacks of cement used in well seal 3 1/4 Yards \_\_\_\_\_ 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? potable 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 \_\_\_\_\_  
NW 1/4 SW 1/4 Section 16 T. 15 S R. 13 East W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

(11) WATER LEVEL: Completed well.

Depth at which water was first found 278 ft.  
Static level 265 ft. below land surface. Date 2-14-75  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

(12) WELL LOG:

Diameter of well below casing 16 to bottom  
Depth drilled 452 ft. Depth of completed well 452 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
Top Soil	0	4	
Mild Brown Lava	4	15	
Brown Conglomerate	15	85	
Pumice	85	95	
Tan Conglom.	95	157	
Loose Black Cinders	157	164	
Hard Black Lava	164	205	
Red Cinders	205	225	
Black Sand	225	236	
Brown Sandstone	236	278	
Water bearing Brown Sandstone	278	400	265
Hard Clay stone	400	427	
Tan " with some sand gravel	427	433	
Hard Clay stone	433	449	
Black Basalt	449	452	

Work started 2-15 19 74 Completed 2-14 19 75  
Date well drilling machine moved off of well 2-14 19 75

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] Tom Stetzel Date 2-14 19 75  
(Drilling Machine Operator)  
Drilling Machine Operator's License No. 558

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 H. & H. DRILLING, INC.  
(Person, firm or corporation) (Type or print)  
Address P.O. Box 51 Redmond, Oregon 97756  
[Signed] Tom Stetzel  
(Water Well Contractor)  
Contractor's License No. 488 Date 2-14 19 75