

**WATER WELL REPORT**

RECEIVED

STATE OF OREGON

AUG 23 1974

State Well No.

4N/28E-1

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

(Please type or print)

STATE ENGINEER

State Permit No.

(Do not write above this line) SALEM, OREGON

OK  
UMAT  
1688

**(1) OWNER:**

Name Robert H. Ray  
Address Rt 3 Box 94A  
Hermiston, Oregon 97838

**(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

**CASING INSTALLED:**

Threaded  Welded   
8" Diam. from 0 ft. to 137 ft. Gage 250  
" Diam. from " ft. to " ft. Gage "  
" 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?  
Yield: gal./min. with ft. drawdown after hrs.  
" " " " " "  
" " " " " "  
Baker test 150 gal./min. with 218 ft. drawdown after 1 hrs.  
Artesian flow g.p.m.

Temperature of water \_\_\_\_\_ Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Cement + Bentonite  
Well sealed from land surface to 137 ft.  
Diameter of well bore to bottom of seal 11 in.  
Diameter of well bore below seal 8 in.  
Number of sacks of cement used in well seal 5 sacks  
Number of sacks of bentonite used in well seal 1 sacks  
Brand name of bentonite National  
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.

**(10) LOCATION OF WELL:**

County Umatilla Driller's well number \_\_\_\_\_  
1/4 1/4 Section 1 T. 4N. R. 28E. W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

**(11) WATER LEVEL: Completed well.**

Depth at which water was first found 285 ft.  
Static level 57 ft. below land surface. Date 8-19-74  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 8"  
Depth drilled 335 ft. Depth of completed well 335 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
Topsoil	0	4	
Sand, gray	4	83	
Sand, fine, blue	83	131	
Rock, med. black	131	149	
Basalt	149	278	
Basalt, gray	278	285	
Rock, black with blue & brown	285	310	W.B.
Basalt	310	321	
Rock, light, brown	321	335	W.B.

Work started 8-13 1974 Completed 8-19 1974  
Date well drilling machine moved off of well 8-19 1974

**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] James T. Litch Date 8/21, 1974  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 665

**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 TROY GRIFFIN (Type or print)  
(Person, firm or corporation)

Address 900 HERMISTON AVE, HERMISTON ORE.

[Signed] Troy Griffin  
(Water Well Contractor)

Contractor's License No. 65 Date 8/21, 1974