

NOTICE TO WATER WELL CONTRACTOR

The original copy of this report to be filed with the

**RECEIVED**  
OCT 28 1974

**WATER WELL REPORT**

STATE ENGINEER, SALEM, OREGON 97310

within 30 days from the date of well completion.

STATE ENGINEER  
SALEM OREGON

STATE OF OREGON  
(Please type or print)

(Do not write above this line)

State Well No. 35/26E-2 db

MOVR 249

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

**(1) OWNER:**

Name Carl Thorpe  
Address Rt-1 Heppner

**(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   
8" Diam. from 0 ft. to 23 ft. Gage 1250  
" 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 \_\_\_\_\_ Model No. \_\_\_\_\_  
Type \_\_\_\_\_ 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?  
Flow: 150 gal./min. with 180 ft. drawdown after 2 hrs.  
Air Blown " " " "  
" " " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m.  
Temperature of water 58° Depth artesian flow encountered \_\_\_\_\_ ft.

**(9) CONSTRUCTION:**

Well seal—Material used Cement  
Well sealed from land surface to 20 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 4 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? \_\_\_\_\_ 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 Mallow Driller's well number #3  
NW 1/4 SE 1/4 Section 2 T. 35 R. 26E W.M.  
Bearing and distance from section or subdivision corner \_\_\_\_\_

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

Depth at which water was first found 123 ft.  
Static level 30 ft. below land surface. Date 10/15  
Artesian pressure \_\_\_\_\_ lbs. per square inch. Date \_\_\_\_\_

**(12) WELL LOG:**

Diameter of well below casing 8

Depth drilled 223 ft. Depth of completed well 223 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
<u>Red Clay</u>	<u>0</u>	<u>10</u>	
<u>Grey Rock</u>	<u>10</u>	<u>15</u>	
<u>Basalt Black Hard</u>	<u>15</u>	<u>85</u>	
<u>Basalt Black V-Hard</u>	<u>85</u>	<u>123</u>	<u>123</u>
<u>Basalt Broken (Black)</u>	<u>123</u>	<u>140</u>	
<u>Basalt Black</u>	<u>140</u>	<u>160</u>	
<u>Basalt Black Hard</u>	<u>160</u>	<u>180</u>	
<u>Blue Shale Rock</u>	<u>180</u>	<u>223</u>	<u>30</u>

Work started 10-11 1974 Completed 10-17 1974  
Date well drilling machine moved off of well 10-17 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] Arnell Pugh Date 10-22, 1974  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 489

**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 Great Western Drilling Co.  
(Person, firm or corporation) (Type or print)

Address P.O. Box 708 Pendleton

[Signed] Arnell Engelhart  
(Water Well Contractor)

Contractor's License No. 487 Date Oct 23, 1974