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MAY 15 1968

WASCO

**WATER WELL REPORT**

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

STATE ENGINEER  
SALEM, OREGON

STATE OF OREGON  
(Please type or print)  
003414

State Well No. 1/13-19 @

State Permit No.

G-4378

**(1) OWNER:**

Name F. W. Carothers  
Address Rt 1 Box 89 The Dalles 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  Driven   
Cable  Jetted   
 Bored

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

**(5) CASING INSTALLED:**

Threaded  Welded   
10" Diam. from 0 ft. to 26 ft. Gage 25  
" 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.  
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) WATER LEVEL: Completed well.**

Water level ft. below land surface Date  
Artesian pressure 20 lbs. per square inch Date 5-10-68

**(9) WELL TESTS:**

Drawdown is amount water level is lowered below static level

Was a pump test made?  Yes  No If yes, by whom?  
550 gal./min. with 100 ft. drawdown after 2 hrs.  
412 " " 50 " " 2 "

Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow 2.20 g.p.m. Date 5-9-68  
Temperature of water Was a chemical analysis made?  Yes  No

**(10) CONSTRUCTION:**

Well seal—Material used Cement  
Depth of seal 26 ft.  
Diameter of well bore to bottom of seal 13 in.  
Were any loose strata cemented off?  Yes  No Depth  
Was a drive shoe used?  Yes  No  
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.

**(11) LOCATION OF WELL:**

County Wasco Driller's well number 18-21  
NE 1/4 NE 1/4 Section 20 T. 15 R. 13E W.M.  
Bearing and distance from section or subdivision corner

**(12) WELL LOG:**

Diameter of well below casing 10" casing

Depth drilled 238 ft. Depth of completed well 238 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 as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Top Soil	0	3	
Gravel + Boulders	3	10	
Brown Basalt	10	18	
Sandstone	18	38	
Brown Basalt	38	82	
Crusals 6 gpm	82	83	
Brown Basalt	83	99	
" " Broken 220 gpm	99	107	10'
Brown Basalt	107	111	
" " with pumice	111	144	
Brown Basalt	144	164	
Black " "	164	176	
Black Basalt, porous and with crusals	176	233	
Black Basalt	233	238	

10 inch hole to 150 feet.  
6" hole from 150 to 238.

Work started Apr. 5 1968 Completed May 9 1968

Date well drilling machine moved off of well May 7 1968

**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] Eugene Skyles Date 5/11, 1968  
(Drilling Machine Operator)

Drilling Machine Operator's License No. 271

**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 Skyles Drilling & Supply  
(Person, firm or corporation) (Type or print)

Address Gladstone Oregon

[Signed] George H. Skyles  
(Water Well Contractor)

Contractor's License No. 58 Date May 11, 1968