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STATE ENGINEER,  
SALEM, OREGON

STATE ENGINEER WATER WELL REPORT  
SALEM, OREGON STATE OF OREGON G-4011

State Well No. 1/32-23H  
State Permit No.

(1) OWNER:

Name Mr. Hilmer Horn  
Address Pilot Rock, Oregon

(2) LOCATION OF WELL:

County Umatilla Owner's number, if any—  
SE 1/4 NE 1/4 Section 25 1/2 T. 1 S. R. 32 W. M.  
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic  Industrial  Municipal   
Irrigation  Test Well  Other

(5) TYPE OF WELL:

Rotary  Driven   
Cable  Jetted   
Dug  Bored

(6) CASING INSTALLED:

Threaded  Welded

8" Diam. from 0 ft. to 31-6 ft. Gage Standard  
" Diam. from ft. to ft. Gage

(7) 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.

(8) SCREENS:

Well screen installed  Yes  No

Manufacturer's Name  
Type Model No.  
Slot size Set from ft. to ft.  
Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Was well gravel packed?  Yes  No Size of gravel:  
Gravel placed from ft. to ft.  
Was a surface seal provided?  Yes  No To what depth? 31-6 ft.  
Material used in seal— cement  
Did any strata contain unusable water?  Yes  No  
Type of water? Depth of strata  
Method of sealing strata off

(10) WATER LEVELS:

Static level 48" ft. below land surface Date 11/758  
Artesian pressure lbs. per square inch Date

Log Accepted by:

[Signed] Hilmer Horn Date Nov 19, 1958  
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level Pendleton Grain Growers

Was a pump test made?  Yes  No If yes, by whom  
Yield: 70 gal./min. with 93 ft. drawdown after hrs.  
" 60 " " 81 " " "  
" 32 " " 41 " Total 4 "

Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m. Date  
Temperature of water 47 Was a chemical analysis made?  Yes  No

(12) WELL LOG:

Diameter of well 8 inches.

Depth drilled 225 ft. Depth of completed well 225 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Soil	0	5
Gravel	5	8
Gravel & Boulders	8	10
Broken brown basalt	10	15
Brown basalt seamy	15	35
Hard grey basalt	35	63
Broken brown basalt	63	72
Brown basalt	72	90
Grey basalt	90	112
Broken brown basalt	112	116
Grey basalt	116	161
Broken brown basalt (very little water)	161	175
Brown basalt	175	184
Broken brown basalt (water bearing)	184	187
Reddish brown basalt	187	193
Brown basalt	193	205
Broken brown basalt (water bearing)	205	211
Brown basalt hard & soft streaks	211	225

Work started 9/15/59 19 Completed 10/25/58 19

(13) PUMP:

Manufacturer's Name  
Type: H.P.

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME D. K. SMITH  
(Person, firm, or corporation) (Type or print)

Address Route 3, Walla Walla, Washington

Driller's well number

[Signed] D.K. Smith  
(Well Driller)

License No. 204 Date 11/12/58 19