

**RECEIVED**  
MAY 9 1957

**WATER WELL REPORT**  
STATE OF OREGON

Polk  
1656

State Well No. 7/3w-8 R11  
State Permit No. G 432

(1) OWNER: **STATE ENGINEER**  
Name Raleigh Worthington  
Address Rt. 1 Box 994  
Dayton, Oregon

(2) LOCATION OF WELL:  
County Polk Owner's number, if any—  
SE 1/4 SE 1/4 Section 8 T. 7S R. 3W W.M.  
Bearing and distance from section or subdivision corner  
1160 ft. N. 11 deg. 38 min. W, and 165.50  
ft. S. 44 deg. 13 min. W. from the S.E.  
corner of the C.O. Hosford D.L.C. being  
within the SE 1/4 of SE 1/4 of Sec. 8 ; T7 S;  
R. 3 W. of Will. Mer. Polk County, Ore.

(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 top ft. to 100 ft. Gage .277  
" Diam. from ..... ft. to ..... ft. Gage .....  
" 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. ....  
Diam. .... Slot size ..... Set from ..... ft. to ..... ft.  
Diam. .... 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? 22 ft.  
Material used in seal— Puddled Clay  
Did any strata contain unusable water?  Yes  No  
Type of water? ..... Depth of strata .....  
Method of sealing strata off .....

(10) WATER LEVELS:  
Static level Ground Level below land surface Date 3-  
Artesian pressure lbs. per square inch Date .....

Log Accepted by:  
[Signed] Raleigh Worthington Date April 1, 1957  
(Owner)

(11) 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.  
" **\*\*\*NOTE\*\*\*** " "  
" **Pump test below** " "  
Bailer test gal./min. with ft. drawdown after hrs.  
Artesian flow g.p.m. Date Mar. 21, 1957  
Temperature of water 56 Was a chemical analysis made?  Yes  No

(12) WELL LOG: Diameter of well ..... 8 inches.  
Depth drilled 147 ft. Depth of completed well 147 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
Top Soil	0	6
Yellow clay	6	18
Soft blue clay	18	28
sandy yellow clay	28	35
Soft blue clay	35	40
Thin layers of brown peat between blue clay	40	65
soft gray silt	65	70
Black sand & clay (Dry)	70	76
Soft brown gravel & clay	76	80
Brown silt & peat	80	90
Blue clay	90	100
Basalt rock	100	112
Sand & clay	112	113
Basalt rock	113	126
Crevice in rock (Water)	126	
crevice in rock (Water)	132	
Basalt rock	126	147
Black Sand	147	?

**\*\*\*Pump Test\*\*\* by Irving Sears**  
350 G.P.M. @ 91 ft.  
300 " @ 81 ft.  
250 " @ 61 ft.  
200 " @ 42 ft.  
Work started Feb. 21 19 57 Completed Mar. 21, 19 57

(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 Irving Sears  
(Person, firm, or corporation) (Type or print)  
Address Rt. 1 Gervais, Oregon  
Driller's well number 324  
[Signed] Irving Sears (Well Driller)  
License No. 8 Date Mar. 21, 19 57