

ORIGINAL
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RECEIVED WATER WELL DRILLERS REPORT
NOV 21 1956
STATE OF OREGON
G1101

Do Not State Well No. 4/2W-2D(1)
Fill In State Permit No.

(1) OWNER: Oregon State Highway Dept.
Name
Address Highway Bldg. Salem, Oregon

(10) WELL TESTS: Irving Sears Lic. # 8
Was a pump test made? Yes No If yes, by whom?
Yield: gal./min. with ft. draw down after hrs.
70 G.P.M. " 21 ft. " 7 hrs.
Artesian flow 23 g.p.m.
Shut-in pressure 4# lbs. per square inch.
Bailer test g.p.m. with ft. drawdown
Temperature of water 56 Was a chemical analysis made? Yes No
Was electric log made of well? Yes No

(2) LOCATION OF WELL:
County Marion Owner's number, if any—
R. F. D. or Street No. Champeog State Park
Bearing and distance from section or subdivision corner
4686 ft. N. 12 deg. 40 min. E. of S.W. cor. Sec. 2, Twp. XX 4 S; R. 2 W. of Willamette Meridian in Marion County.

(11) WELL LOG:
Diameter of well, 6 inches.
Total depth 165 ft. Depth of completed well 165 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.

TYPE OF WORK (check):
well Deepening Reconditioning Abandon
Abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):
Domestic Industrial Municipal
Livestock Test Well Park
(5) EQUIPMENT:
Rotary
Cable
Dug Well

CASING INSTALLED:
Lined Welded
FROM ft. to ft. Diam. Gage or Wall
Top " 151 " 6 .280
Type and size of shoe or well ring
Describe joint No Shoe

ft. to	ft.	
Top	3	Top Soil
3	18	XXXXXX Silt
18	39	Sticky clay
39	42	Silty sand
42	43	Brown sand & gravel
43	46	Blue clay
46	63	Black sandy clay
63	72	Black Sand
72	88	Sticky gray clay
88	92	Black Sand
92	94	Blue clay
94	104	Black Sand
104	129	Blue Clay
129	131	Black sand & clay
131	145	Blue Clay
145	147	Coarse black sand & clay.
Lots of water but will not clean up.		
147	160	Blue-green clay
160	166	Sandy blue clay. Med. hard
166	?	Black Sand (Fine)

(7) PERFORATIONS: No Perforations
Type of perforator used
SIZE of perforations in., length, by in.
FROM ft. to ft. perf per foot No. of rows

SCREENS: No Screens
Give Manufacturer's Name, Model No. and Size

The Well flowed for 26 hrs. at 23 G.P.M. before Test Pump was installed.

CONSTRUCTION: Puddled Clay
Was a surface sanitary seal provided? Yes No To what depth ft.
Were any strata sealed against pollution? Yes No
If yes, note depth of strata
FROM ft. to ft.
"Casing was" driven hard into clay at 151 ft.
METHOD OF SEALING

Test Pump was run for 6 hrs. @ 65 G.P.M. on Oct. 31, and again on Nov. 1, at 70 G.P.M. for 7 hrs. Still pumping very small amount of sand.
Ground elevation at well site 101 feet above mean sea level.
Work started Oct. 20 19 56 Completed Nov. 1 19 56

(9) WATER LEVELS:
Depth at which water was first found Little Water at 43 ft.
Standing level before perforating ft.
Standing level after perforating XXXXXXXX Flowing Well ft.
Log Accepted by:
[Signed] State Hwy Dept. Dated Nov 8, 19 56
Owner
By Edna E. Law

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 Willamette Drilling Co.
(Person, firm, or corporation) (Typed or printed)
Address Rt. 2 Box 333 Salem, Oregon
Driller's well number 309
[Signed] Roy Perkins (Well Driller)
License No. 2 Dated Nov. 2, 19 56

STATE ENGINEER
Salem, Oregon

State Well No. L/2W-2D1

County Marion

Application No. _____

Chemical Analysis

OWNER Oregon State Highway Dept. OWNER'S NO. _____

ANALYST USGS Address Portland, Oregon

Date of Collection 6-1-60

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	31	
Iron (Fe) Total	.22	
Manganese (Mn)		
Calcium (Ca)	22	
Magnesium (Mg)	6.1	
Sodium (Na)	71	
Potassium (K)	1.5	
Bicarbonate (HCO ₃)	242	
Carbonate (CO ₃)	0	
Sulfate (SO ₄)	1.6	
Chloride (Cl)	23	
Fluoride (F)	.1	
Nitrate (NO ₃)	.1	
Boron (B)		
Dissolved Solids	276	
Hardness as CaCO ₃	80	
Specific Conductance (Micromhos at 25°C)	342	
pH	7.9	
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		