

CROO 50181

OBSERVATION WELL

Well Record #89

STATE ENGINEER
Salem, Oregon

CROO
50181

STATE WELL NO. 14/16-31Q(1)
COUNTY Crook
APPLICATION NO. U-241

PERMIT U-215

C-22837

OWNER: Pacific Power & Light Co.

MAILING ADDRESS:

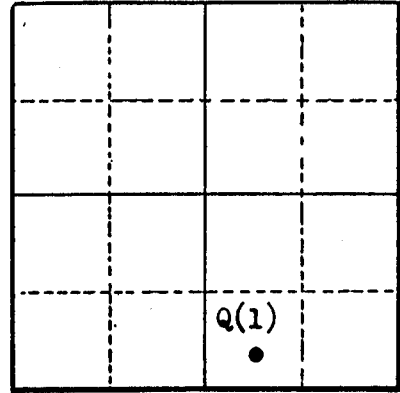
LOCATION OF WELL: Owner's No. 4-Yancey

CITY AND STATE:

Prineville, Oregon

SW 1/4 SE 1/4 Sec. 31 T. 14 N. S, R. 16 E. W., W.M.

Bearing and distance from section or subdivision corner N 55° 00' E 1070' of SW Cor. Sec. 31



Section 31

Altitude at well 2858

TYPE OF WELL: Drilled Date Constructed 1917

Depth drilled 228 Depth cased

CASING RECORD:

8-inch

FINISH:

AQUIFERS:

WATER LEVEL:

16.2 feet above land surface, October 26, 1944

PUMPING EQUIPMENT: Type Turbine H.P.
Capacity 360 G.P.M.

WELL TESTS:
Drawdown 96 ft. after 20 hours pumping 360 G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Municipal Temp. 56 °F., 19
SOURCE OF INFORMATION U-241 U.S.G.S. report

DRILLER or DIGGER

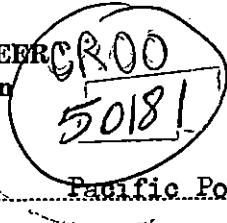
ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

CROO 50181
OBSERVATION WELL

STATE ENGINEER
Salem, Oregon



Well Record

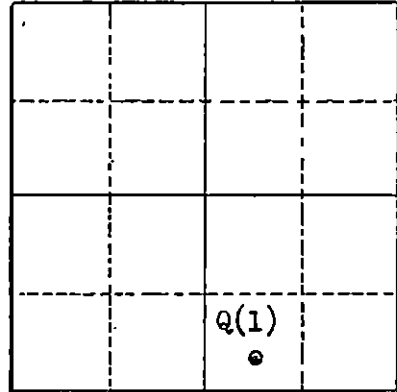
STATE WELL NO. 14/16-319(1)
COUNTY Crook
APPLICATION NO. U-241
PERMIT U-215

OWNER: Pacific Power & Light Co. MAILING ADDRESS:

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ADDITIONAL DATA:

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REMARKS:

Water Level Record

OWNER: Pacific Power & Light Co OWNER'S NO. Yancy - 4

Description of measuring point: _____

Date	Water Level Feet ^(above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
10-25-44	16.20	USGS WSP 1027			
1-16-45	17.0	"			
6-6-45	17.5	"			
6-20-45	15.0	"			
7-25-45	14.3	"			
9-25-45	18.0	"			
12-6-45	21.5	"			
5-1-46	17.7	USGS WSP 1075			
7-8-46	16.0	"			
9-5-46	14.5	"			
3-18-47	14.5	USGS WSP 1100			
5-12-47	10.5	"			
<u>DISCONTINUED</u>					

REMARKS: see hydrograph

STATE ENGINEER
Salem, Oregon

CROO 50181

State Well No. 14/16-310(1)

County Crook

Application No. _____

Chemical Analysis

OWNER Sarah Yancey Estate OWNER'S NO. _____

ANALYST U.S.G.S. Address _____

Date of Collection Nov. 14, 1946

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)		
Iron (Fe) Total	0.0	
Manganese (Mn)		
Calcium (Ca)		
Magnesium (Mg)		
Sodium (Na)		
Potassium (K)		
Bicarbonate (HCO ₃)		
Carbonate (CO ₃)		
Sulfate (SO ₄)		
Chloride (Cl)	4.0	
Fluoride (F)		
Nitrate (NO ₃)		
Boron (B)		
Dissolved Solids		
Hardness as CaCO ₃	80	
Specific Conductance (Micromhos at 25°C)		
pH		
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		

Ohio State Board of Health
SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Location of source Primavilla Description of source Pump #2, Well #
Analysis by MCP Date _____ Collected by Ageo Date 11/10/53

RESULTS

Parts per million

Turbidity	_____
Color: Apparent	<u>True</u> 1
Odor: Hot	<u>Cold</u>
Total Solids	246
Loss on Ignition	76
Silicon (SiO ₂)	32
Chloride (Cl)	11.2
Sulfate (SO ₄)	18.4
Calcium (Ca)	17.6
Magnesium (Mg)	5.0
Aluminum (Al)	_____
Orthophosphates (PO ₄)	_____
Metaphosphates (PO ₃) ₆	_____
Alkalinity (as CaCO ₃): Carbonate	0
Bicarbonate	120
Hardness (as CaCO ₃)	96
Sodium and Potassium (as Na)	31
Iron (Fe)	.05
Manganese (Mn)	0
Fluoride (F)	0.2
Carbon Dioxide (CO ₂)	9.5
pH	7.3

Remarks _____