

STATE ENGINEER
Salem, Oregon

CROOK
2224

Well Record

STATE WELL NO. 15/16-6A(4)
COUNTY Crook
APPLICATION NO. U-161

OWNER: William Mackay MAILING ADDRESS: _____
CITY AND STATE: Prineville, Oregon

LOCATION OF WELL: Owner's No. _____
NE 1/4 NE 1/4 Sec. 6 T. 15 N. S., R. 16 W., W.M.

Bearing and distance from section or subdivision corner _____

			A(1)

Altitude at well 2865'

TYPE OF WELL: Drilled Date Constructed 1938

Depth drilled 240 Depth cased 216

Section 6

CASING RECORD:

6-inch set from 0 to 216 feet

FINISH:

AQUIFERS:

sand from 216 to 240 feet

WATER LEVEL:

6.60 feet above land surface, October 26, 1944

PUMPING EQUIPMENT: Type _____ H.P. _____
Capacity _____ G.P.M.

WELL TESTS:

Drawdown _____ ft. after _____ hours _____ G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Municipal Temp. 58 °F., 19____
SOURCE OF INFORMATION U.S.G.S. Report

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log _____ Water Level Measurements Chemical Analysis _____ Aquifer Test _____

REMARKS:

Water level reported to be 24 feet above land surface in March, 1938
See U. S. G. S. Report for water level measurements. Used for Apt. building

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Chemical Analysis

OWNER William Mackay OWNER'S NO.

ANALYST U. S. G. S. Address

Date of Collection Nov. 22, 1946

Point of Collection

	P.P.M.	E.P.M.
Silica (SiO ₂)		
Iron (Fe) Total	.02	
Manganese (Mn)		
Calcium (Ca)		
Magnesium (Mg)		
Sodium (Na)		
Potassium (K)		
Bicarbonate (HCO ₃)		
Carbonate (CO ₃)		
Sulfate (SO ₄)		
Chloride (Cl)	3.5	
Fluoride (F)		
Nitrate (NO ₃)		
Boron (B)		
Dissolved Solids		
Hardness as CaCO ₃	68	
Specific Conductance (Micromhos at 25°C)		
pH		
Percent Sodium		
Sodium Absorption Ratio (S.A.R.)		
CLASS		

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Water Level Record

OWNER: WILLIAM MACKAY

OWNER'S NO. _____

Description of measuring point: WATER LEVEL IN FEET "ABOVE" L.S.D.

Date	Water Level Feet (above) (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
			12-1-45	10.9	WSP-1027
			1-1-46	10.60	WSP-1075
			2-1-46	9.10	✓
			3-1-46	8.05	✓
			5-1-46	6.5	✓
			7-9-46	4.5	✓
			9-1-46	2.2	✓
			10-1-46	0.10	✓
			11-2-46	0.10	✓
Oct. 26, '44	6.6	WSP-1027	11-24-46	4.8	WSP-1100
1-16-45	8.7	✓	12-1-46	5.0	✓
5-8-45	3.2	✓	1-1-47	4.7	WSP-1100
6-6-45	5.5	✓	1-14-47	3.3	✓
7-25-45	2.0	✓	2-1-47	4.2	✓
8-1-45	2.18	✓	3-1-47	4.3	✓
9-1-45	4.31	✓	3-11-47	5.0	✓
10-1-45	7.51	✓	4-1-47	4.7	✓
11-1-45	10.48	✓	5-12-47	- 0.2	✓

REMARKS: MEASUREMENTS DISCONTINUED AFTER 1947