

STATE ENGINEER  
Salem, Oregon

*UNIO 1542*  
**UNIO 1542 Well Record**

STATE WELL NO. 6/39-22G  
COUNTY Union  
APPLICATION NO. GR-2944

OWNER: City of North Powder

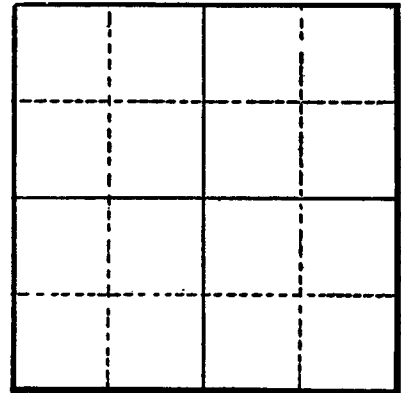
MAILING ADDRESS: .....

LOCATION OF WELL: Owner's No. 1

CITY AND STATE: North Powder, Oregon

SW 1/4 NE 1/4 Sec. 22 T. 6 <sup>N.</sup> S., R. 39 <sup>E.</sup> W., W.M.

Bearing and distance from section or subdivision corner 430 feet E. and 400 feet N.



Section .....

Altitude at well .....

TYPE OF WELL: Drilled Date Constructed 1919

Depth drilled 150 feet Depth cased 150 feet

CASING RECORD:

10-inch

FINISH:

AQUIFERS:

WATER LEVEL:

4 feet

PUMPING EQUIPMENT: Type Fairbanks-Morse Centrifugal H.P. 20

Capacity 1500 G.P.M.

WELL TESTS:

Drawdown 40 ft. after ..... hours Pumping 1500 G.P.M.

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

USE OF WATER Municipal Temp. .... °F. ...., 19.....

SOURCE OF INFORMATION GR-2898

DRILLER or DIGGER Frank Pearson

ADDITIONAL DATA:

Log ..... Water Level Measurements ..... Chemical Analysis ..... Aquifer Test .....

REMARKS:

SANITARY ENGINEERING LABORATORY

REPORT OF MINERAL ANALYSIS OF WATER

Location of source North Forest Description of source Artesian well

Analysis by MFP Date 11/30/54 Collected by \_\_\_\_\_ Date 7/13/54

RESULTS

	<u>Parts per million</u>
Turbidity _____	16
Color: Apparent _____ True _____	1
Odor: Hot _____ Cold _____	
Total Solids _____	174
Loss on Ignition _____	30
Silicon (SiO <sub>2</sub> ) _____	47
Chloride (Cl) _____	3.9
Sulfate (SO <sub>4</sub> ) _____	8.6
Calcium (Ca) _____	21
Magnesium (Mg) _____	12
Aluminum (Al) _____	0
Orthophosphates (PO <sub>4</sub> ) _____	.2
Metaphosphates (PO <sub>3</sub> ) <sub>6</sub> _____	
Alkalinity (as CaCO <sub>3</sub> ): Carbonate _____	0
Bicarbonate _____	98
Hardness (as CaCO <sub>3</sub> ) _____	99
Sodium <del>and Potassium</del> (as Na) _____	24
Iron (Fe) _____	.3
Manganese (Mn) _____	.1
Fluoride (F) _____	.2
Carbon Dioxide (CO <sub>2</sub> ) _____	3.2
pH <u>7.8</u>	
Remarks _____	