

OBSERVATION WELL

STATE ENGINEER #1 220' 16"
Salem, Oregon 2 110' 20"
3 476' 20"

Well Record

STATE WELL NO. 27/17-27L(1)
COUNTY Lake
APPLICATION NO. U-469 U-487

GOLDEN RULE FARMS

MAILING ADDRESS:

OWNER: P. H. Pitman - Century Ranch

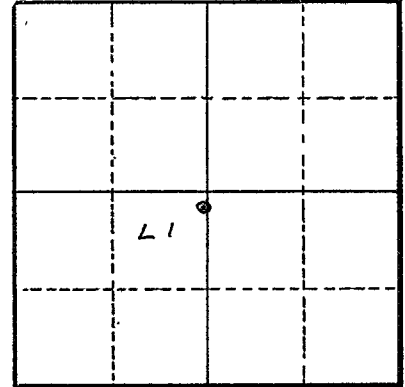
CITY AND STATE:

LOCATION OF WELL: Owner's No. 1

Fort. Rock, Oregon

NE 1/4 SW 1/4 Sec. 27 T. 27 N. S., R. 17 W., W.M.

Bearing and distance from section or subdivision corner approximated at 50 ft. south of center of Sec. 27



Section 27

Altitude at well 4,355 Interpolated

TYPE OF WELL: drilled Date Constructed

Depth drilled 220 Depth cased

CASING RECORD: 16 inch set to 77 ft.

FINISH:

AQUIFERS: Volcanic agglomerate?

WATER LEVEL: 40.98 ft. below land surface 6/18/52
38.00 ft. below land surface 5/21/56

PUMPING EQUIPMENT: Type Western - turbine 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 Irrigation (240 now) 400.5 ac Temp. °F., 19

SOURCE OF INFORMATION USGS Report - and field exam

DRILLER or DIGGER Pat McGinley 1952

ADDITIONAL DATA:

Log X Water Level Measurements Chemical Analysis X Aquifer Test

REMARKS: USGS Report by F. D. Trauger
Pumped at 3200 gpm 1955

STATE ENGINEER
Salem, Oregon

State Well No. 27/17-272(1)

County Lake

Application No. _____

Chemical Analysis

OWNER Century Farms OWNER'S NO. _____

ANALYST Twining Laboratories Address Fresno, Calif.

Date of Collection Jan. 23, 1952

Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	16	
Iron (Fe) Total		
Manganese (Mn)		
Calcium (Ca)	15	.77
Magnesium (Mg)	9.6	.79
Sodium (Na)	35	1.54
Potassium (K)		
Bicarbonate (HCO ₃)	140	2.31
Carbonate (CO ₃)		
Sulfate (SO ₄)	24	.49
Chloride (Cl)	11	.30
Fluoride (F)		
Nitrate (NO ₃)		
Boron (B)	.1	.03
Dissolved Solids	196	
Hardness as CaCO ₃	78	
Specific Conductance (Micromhos at 25°C)		
pH	7.0	
Percent Sodium	50	
Sodium Absorption Ratio (S.A.R.)		
CLASS		

Water Level Record

OWNER: Pittman OWNER'S NO. _____

Description of measuring point: Top of casing - pump set in pit at -1.9 feet below land surface.

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
<u>6/18/52</u>	<u>40.98</u>	<u>WSB.</u>			
<u>5/21/56</u>	38.0 <u>40.3</u>	<u>WSB.</u>			
<u>8-29-56</u>	<u>46.85</u> 44.95	<u>(Pump operating)</u>			
<u>10-17-56</u>	<u>38.23</u> 47.03	<u>WSB (Static)</u>			
<u>5-2-57</u>	<u>—</u>	<u>Not measured.</u>			
<u>8-21-57</u>	<u>40.28</u>	<u>WSB</u>			
<u>11-23-57</u>	<u>37.30</u>	<u>WSB</u>			
<u>4-24-58</u>	<u>37.56</u>	<u>WSB</u>			
<u>10-15-58</u>	<u>36.92</u>	<u>WSB</u>			
<u>5-14-59</u>	<u>36.8</u>	<u>JES WSB</u>			
<u>10-15-59</u>	<u>36.7</u>	<u>WSB</u>			
<u>4-27-60</u>	<u>37.59</u> 36.0	<u>JES-WSB</u>			
<u>10-26-60</u>	<u>36.97</u>	<u>WSB</u>			
<u>5-2-61</u>	<u>36.99</u>	<u>WSB</u>			
<u>10-18-61</u>	<u>36.84</u>	<u>WSB RD</u>			

REMARKS: See Hydrograph