

STATE ENGINEER
Salem, Oregon

OBSERVATION WELL Well Record

STATE WELL NO. 4/1M-5P(2)
COUNTY Marion
APPLICATION NO. GR-3355

MARI 308
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OWNER: Joseph P. Leavy

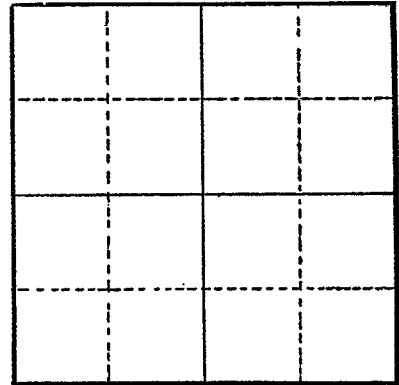
MAILING ADDRESS: Route 1, Box 58

LOCATION OF WELL: Owner's No. _____

CITY AND STATE: Aurora, Oregon

SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5 T. 4 N. 1 E
S., R. 1 W., W.M.

Bearing and distance from section or subdivision
corner S. 75°30' W 2261.4' from NE Corner
of F. X. Matthieu D.L.C.



Section _____

Altitude at well _____

TYPE OF WELL: drilled Date Constructed 1951

Depth drilled 120' Depth cased 120'

CASING RECORD:

10"

FINISH:

3/8" x 1.0' spacing from 80 to 120'

AQUIFERS:

clay, sand and gravel

WATER LEVEL:

42'

PUMPING EQUIPMENT: Type ~~Centrifugal~~ TURBINE H.P. 10

Capacity 625 G.P.M.

WELL TESTS:

Drawdown 100 ft. after _____ hours pumping 460 G.P.M.

Drawdown 110 ft. after _____ hours pumping 490 G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19_____

SOURCE OF INFORMATION GR-3106

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log X Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

clay 60 60
sand 10 70
clay 40 110
gravel 10 120

Chemical Analysis

OWNER J. P. Leavy 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)	36	
Iron (Fe) Total	2.6	
Manganese (Mn)		
Calcium (Ca)	39	
Magnesium (Mg)	12	
Sodium (Na)	11	
Potassium (K)	3.4	
Bicarbonate (HCO ₃)	192	
Carbonate (CO ₃)	0	
Sulfate (SO ₄)	5.2	
Chloride (Cl)	5.0	
Fluoride (F)	.2	
Nitrate (NO ₃)	.1	
Boron (B)		
Dissolved Solids	207	
Hardness as CaCO ₃	146	
Specific Conductance (Micromhos at 25°C)	312	
pH	7.1	
Percent Sodium	14	
Sodium Absorption Ratio (S.A.R.)	0.4	
CLASS		