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OBSERVATION WELL

STATE ENGINEER WATER WELL REPORT

SALEM, OREGON STATE OF OREGON

MARI. 1462
5/14-3K (1)

File Original and First Copy with the STATE ENGINEER, SALEM, OREGON

State Well No. _____

State Permit No. _____

G-1448

(1) OWNER:

MANTON CARL

Name Julius Ramlo

Address Rte 1 Woodburn, Oregon

(2) LOCATION OF WELL:

County _____ Owner's number, if any— _____

1/4 Section T. R. W.M.

Bearing and distance from section or subdivision corner _____

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon

If abandonment, describe material and procedure in Item 11.

PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded

6" Diam. from 0 ft. to 102 ft. Gage _____

" Diam. from _____ ft. to _____ ft. Gage _____

" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used _____

SIZE of perforations in. by in.

perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed Yes No

Manufacturer's Name _____

Type _____ Model No. _____

Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

Was well gravel packed? Yes No Size of gravel: _____

Gravel placed from _____ ft. to _____ ft.

Was a surface seal provided? Yes No To what depth? _____ ft.

Material used in seal— _____

Did any strata contain unusable water? Yes No

Type of water? _____ Dept of strata _____

Method of sealing strata off _____

(10) WATER LEVELS:

Static level _____ 42 ft. below land surface Date _____

Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by: _____

[Signed] Julius Ramlo Date August 20, 1959 (Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? Driller

Yield: 90 gal./min. with 80 ft. drawdown after 3 hrs.

Baller test gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow _____ g.p.m. Date _____

Temperature of water 55° Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 6 inches.

Depth drilled 102 ft. Depth of completed well 102 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Surface	0	3
Sandy (brown)	3	69
Sand and gravel	69	76
Sandy clay (gray)	76	85
Coarse sand	85	95
Gravel	95	102

Work started August 10 19 59 Completed August 20 19 59

(13) PUMP:

Manufacturer's Name _____

Type: _____ H.P. _____

Well Driller's Statement:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME John Truman Miller

(Person, firm, or corporation) (Type or print)

Address P O Box 42 Hubbard, Oregon

Driller's well number _____

[Signed] John Truman Miller (Well Driller)

License No. 277 Date August 20, 19 59

STATE ENGINEER
Salem, Oregon

State Well No. 5/1W-3K1

County Marion

Application No. _____

Chemical Analysis

OWNER J. Ramalo 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)	45	
Iron (Fe) Total	1.6	
Manganese (Mn)		
Calcium (Ca)	19	
Magnesium (Mg)	6.1	
Sodium (Na)	5.9	
Potassium (K)	2.5	
Bicarbonate (HCO ₃)	103	
Carbonate (CO ₃)	0	
Sulfate (SO ₄)	.4	
Chloride (Cl)	3.0	
Fluoride (F)	.2	
Nitrate (NO ₃)	.1	
Boron (B)		
Dissolved Solids	135	
Hardness as CaCO ₃	72	
Specific Conductance (Micromhos at 25°C)	168	
pH	7.7	
Percent Sodium	15	
Sodium Absorption Ratio (S.A.R.)	.3	
CLASS		

