

STATE ENGINEER
Salem, Oregon

Lake 2478

Well Record

STATE WELL NO. 39/20-16A(1)
COUNTY Lake
APPLICATION NO. U-130

OWNER: City of Lakeview

MAILING ADDRESS:
CITY AND STATE:

LOCATION OF WELL: Owner's No. _____

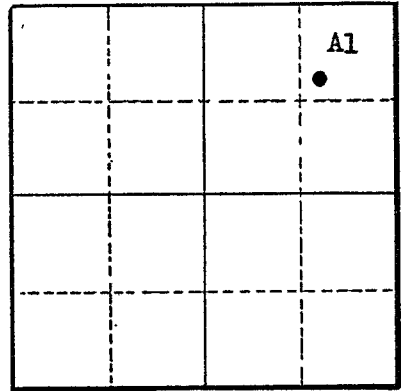
NE 1/4 NE 1/4 Sec. 16 T. 39 S., R. 20 ^{N.} _{W.}, W.M.

Bearing and distance from section or subdivision corner _____

Altitude at well 4747

TYPE OF WELL: Drilled Date Constructed 6-29-40

Depth drilled 365 Depth cased 365



Section _____

CASING RECORD:

20-12 inch

FINISH:

AQUIFERS:

Gravel, medium to fine

WATER LEVEL:

6.9

PUMPING EQUIPMENT: Type Centrifugal 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 Public supply Temp. 79 °F. _____, 19 _____

SOURCE OF INFORMATION _____

DRILLER or DIGGER _____

ADDITIONAL DATA:

Log Water Level Measurements _____ Chemical Analysis Aquifer Test _____

REMARKS:

Hardness 6 ppm, chloride 3 ppm. Flows sometimes in spring of year; 36 feet maximum drawdown at 900 gpm.

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Well Log

Owner: City of Lakeview Owner's No.

Driller: C. E. Williams Date Drilled 1940

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Younger valley fill:			
Gumbo	0	10	10
Gravel	10	24	14
Older valley fill:			
Clay, yellow	24	50	26
Sand, fine, brown	50	55	5
Clay, gray, mixed with sand	55	70	15
Goose Lake deposits:			
Sand, blue, fine, some "buckshot" gravel	70	100	30
Clay, dark blue, odor of hydrogen sulfide gas	100	115	15
Sand, black, coarse, some clay	115	130	15
Clay, blue, light-colored	130	134	4
Gravel, coarse, up to pebble size	134	139	5
Clay, blue	139	146	7
Gravel, buckshot-size	146	158	12
Clay, gray	158	160	2
Sand, coarse, brown	160	171	11
Clay, blue, light-colored	171	175	4
Gravel, buckshot-size	175	194	19
Clay, blue, includes dark sand upper 6'	194	300	106
Gravel, large-size (cobbles)	300	312	12
Clay, very dark, blue	312	365	53

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State Well No. 39/20-16AD
County Lake
Application No. _____

Chemical Analysis

OWNER City of Lakeview OWNER'S NO. _____
ANALYST U. S. G. S. Address _____
Date of Collection July 10, 1948
Point of Collection _____

	P.P.M.	E.P.M.
Silica (SiO ₂)	77	
Iron (Fe) Total		
Manganese (Mn)		
Calcium (Ca)	1.1	.05
Magnesium (Mg)	.8	.07
Sodium (Na)	45.	1.96
Potassium (K)	2.0	.05
Bicarbonate (HCO ₃)	121	1.98
Carbonate (CO ₃)		
Sulfate (SO ₄)	1.4	.03
Chloride (Cl)	3.2	.09
Fluoride (F)	.6	.03
Nitrate (NO ₃)	.3	.00
Boron (B)	.52	.14
Dissolved Solids	191	
Hardness as CaCO ₃	6	
Specific Conductance (Micromhos at 25°C)	196	
pH	8.2	
Percent Sodium	92	
Sodium Absorption Ratio (S.A.R.)		
CLASS		