

STATE ENGINEER  
Salem, Oregon

KLAM  
12224

# OBSERVATION WELL Well Record

STATE WELL NO. 38/10-25A(1)  
COUNTY Klamath  
APPLICATION NO. U333

~~G.C. Mitchell~~  
OWNER: ~~G.C. Mitchell~~ GARRISON MITCHELL

MAILING ADDRESS:

LOCATION OF WELL: Owner's No.

CITY AND STATE:

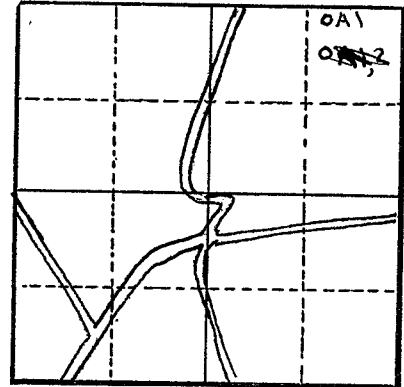
Dairy Oregon

NE 1/4 NE 25 T. 38 S. R. 10 E. W.M.

Bearing and distance from section or subdivision

corner 1514' E & 105' S from N 1/4 corner

Section 25



Section 25

Altitude at well 4,190

TYPE OF WELL: Drilled Date Constructed

Depth drilled 524 Depth cased 329 ft.

CASING RECORD: 1 1/4 inches, 329 ft.

FINISH:

AQUIFERS: Lava boulders and cinders from 520 to 524

WATER LEVEL: 83 feet below land surface, September 1949.

PUMPING EQUIPMENT: Type Turbine H.P.  
Capacity G.P.M.

WELL TESTS:  
Drawdown 7 ft. after 5 hours Pumping 2048 G.P.M.  
Drawdown ft. after hours G.P.M.

USE OF WATER Irrigation Temp. °F., 19

SOURCE OF INFORMATION USGS U333

DRILLER or DIGGER

ADDITIONAL DATA:

Log  Water Level Measurements  Chemical Analysis  Aquifer Test

REMARKS: Test-pumped 2,048 gpm with drawdown of 7 ft. after 5 hours;  
gravel-packed from adjacent pilot hole.

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# Well Log

Owner: G.C. Mitchell  
Owner's No. \_\_\_\_\_  
Driller: Wilson Bros. Drilling Co.  
Date Drilled: 1949

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil, sandy, brown	0	5	5
Alluvium, undifferentiated:			
Sand and clay, brown	5	24	19
Sand, coarse, brown (some perched water)	24	28	4
Clay, blue	28	55	27
Clay with sand, brown	55	70	15
Sandstone and "shale", brown	70	82	12
Gravel and "cinders", 1/8 to 1/2 inch diameter (some water)	82	85	3
Sandstone, blue	85	87	2
Clay, blue and sand	87	88	1
Clay, yellow	88	93	5
Gravel, colored, contains obsidian pebbles (some water)	93	96	3
Clay, tan	96	98	2
Gravel, colored, 1/8 to 1 inch diameter (some water)	98	101	3
Sand, coarse, colored (300 ppm)	101	103	2
Clay, yellow	103	108	5
"Chalk", gray (diatomite or volcanic ash)	108	130	22
"shale", blue, "semihard"	130	167	37
Clay, brown, "very sticky"	167	171	4
"Chalk", blue	171	198	27
Clay, rusty color	198	202	4
"Chalk", blue	202	208	6
"Shale", sandy, black	208	212	4
Clay, rusty color, "semihard"	212	250	38

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## Well Log

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Owner's No. \_\_\_\_\_  
Driller: Wilson Bros. Drilling Co.  
Date Drilled 1949

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Clay, gray	250	310	60
Clay, brown	310	314	4
"Shale", gray	314	316	2
Gravel, mixed colors	316	317	1
Sandstone, hard, mixed colors	317	323	6
Clay, brown	323	327	4
Sandstone, hard, mixed colors	327	329	2
Upper lava rocks:			
Lava, broken and boulders	329	334	5
"Chalk", white (volcanic ash?)	334	338	4
Lava rock, hard, black	338	346	8
"Chalk", gray (volcanic ash?)	346	354	8
Lava rock	354	360	6
"Chalk", green (volcanic ash?)	360	389	29
Lava rock	389	403	14
"Chalk", gray "volcanic ash?"	403	413	10
Shale, black (volcanic ash?)	413	418	5
"Chalk", green and "rock shells"	418	429	11
Lava rock, hard and black	429	485	56
Basalt	485	488	3
Rock and cinders, red; water bearing	488	500	12
Lava rock, water bearing	500	520	20
Lava boulders and cinders, water bearing	520	524	4

### Water Level Record

OWNER: GARRISON C. & EMMA M. MITCHELL OWNER'S NO. \_\_\_\_\_

Description of measuring point: Top of casing at land surface

Date	Water Level Feet (above) (below) Land Surface	<u>524' - 14"</u> Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
<u>5-1-58</u>	<u>77.5</u>	<u>Final Proof Survey</u>			

REMARKS: \_\_\_\_\_

### Water Level Record

OWNER: G. Mitchell OWNER'S NO. \_\_\_\_\_

Description of measuring point: Top of casing beneath pump base  
at LSD.

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
4-24-57	79.18	JES			
10-17-57	82.13	JES			
6-4-58	77.95	JES			
10- <sup>30</sup> -58	79.15	JES			

REMARKS: \_\_\_\_\_  
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