

STATE ENGINEER  
Salem, Oregon

*Lake  
2040*

# Well Record

STATE WELL NO. 38/20-33(2) <sup>dc</sup>  
COUNTY Lake  
APPLICATION NO. ~~G-1537~~  
G-5349

OWNER: Favell - Utley Realty

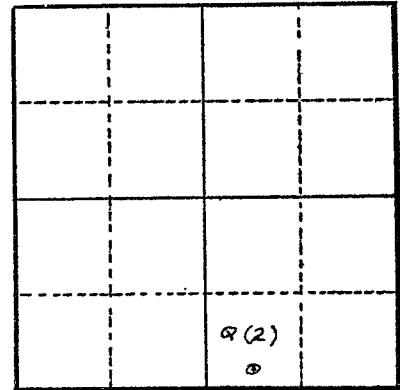
MAILING  
ADDRESS: \_\_\_\_\_

LOCATION OF WELL: Owner's No. 1

CITY AND  
STATE: Lakeview, Oregon

SW  $\frac{1}{4}$  SE  $\frac{1}{4}$  Sec. 33 T. 38 <sup>N.</sup> S., R. 20 <sup>E.</sup> W., W.M.

Bearing and distance from section or subdivision  
corner \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Section 33

Altitude at well \_\_\_\_\_

TYPE OF WELL: drilled Date Constructed 1959

Depth drilled 450 Depth cased \_\_\_\_\_

### CASING RECORD:

### FINISH:

### AQUIFERS:

### WATER LEVEL:

PUMPING EQUIPMENT: Type \_\_\_\_\_ 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 steam power Temp. 119 °F. at 450 ft., 19

SOURCE OF INFORMATION G-1537

DRILLER or DIGGER Nevada Thermal Power Co., Los Angeles, California

ADDITIONAL DATA:  
Log \_\_\_\_\_ Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

REMARKS: Temperature at 450 ft. - 119° F. measured in the mud box. The drilling rate from 0 to 450 ft. averaged 1 ft. per minute. At 450 ft. the drilling rate decreased from 1 ft. in 7 minutes, hard drilling. No circulation loss. At any point no appreciable increase in water flow.

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## Well Log

Owner: Favell - Utley Realty Owner's No. 1

Driller: Nevada Thermal Power Co. 119<sup>of</sup> Date Drilled 1959

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Tan, silts and clay, organic material, basalt pebbles bearing from 1 to 3 M.M. water worn, well rounded, Surface mantle.	0	40	40
Buff, well graded sands, silts, angular shale disk rounded basalt pebbles from 3 to 5 M.M. in diameter.	40	50	10
Cedarville formation? Buff, sands and silts, a tuffaceous shale, Contact between 50 and 60 ft.	50	100	50
Buff, mud and silts. Basalt pebbles, angular to subangular.	100	130	30
Gray and buff sands and pebbles mixed. Clay, siltstone, fine grained with pyroclastic material.	130	170	40
Buff silts, basalt pebbles, minor amounts of free calcite.	170	200	30
Buff to white, clay and tuff.	200	210	10
Contact between 210 and 220. Light gray silts, tuff and small basalt pebbles.	210	240	30
Light gray tuff, angular particles pyroclastic material, minor amounts of subangular basalt pebbles. Some buff basalt (?) with calcite weathered to clay.	240	250	10
Dark brown silt, angular particles graded from silts to pebbles of 4 M.M.	250	270	20
Light gray silts and mud.	270	330	60
Dark gray silt flakes, some red to buff particles 3 M.M. in diameter.	330	350	20
Dark gray mud, minor amounts of red flakes.	350	360	10

