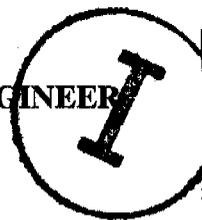


20324  
23203

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 9611  
 Rec. July 24 1967  
 Well No. \_\_\_\_\_  
 Permit No. 23203  
 Do not fill in. 263/2

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Sierra Pacific Power Company Driller Layne Texas Company  
220 South Virginia St. P.O. Box 9469  
 Address Reno, Nevada Address Houston, Tex. Lic. No. 5573

Location of well:  $\frac{1}{4}$   $\frac{1}{4}$  Sec. 1, T 14 N/S, R 25 E, in Lyon County  
 or Mason Valley Power Plant well No. 1

Water will be used for 28" to 96 ft. Total depth of well 611'  
24-3/4"-94.62# per ft.  
 Size of drilled hole 34"-96' to 611 ft. Weight of casing per linear foot 18" OD 70.59# per ft.  
14" OD 54.57# per ft.  
 Thickness of casing 3/8" wall Temp. of water 66° F.

Diameter and length of casing 98' of 24-3/4" OD, 255' of 18" OD, 356' of 14" OD  
 (Casing 12" in diameter and under give inside diameter; casing 12" in diameter give outside diameter.)

If flowing well give flow in c.f.s. or g.p.m. and pressure \_\_\_\_\_

If nonflowing well give depth of standing water from surface 9.55 ft.

If flowing well describe control works \_\_\_\_\_  
 (Type and size of valve, etc.)

Date of commencement of well 6/9/66 Date of completion of well 8/3/66

Type of well rig Rotary

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, etc.
0	15	15	Sand, few clay	
15	40	25	Sand & gravel	
40	50	10	Sand, gravel, few clay strks.	Chief aquifer (water-bearing formation)
50	65	15	Sand, few clay streaks	from <u>107</u> to <u>596</u> ft.
65	72	7	Soft clay streaks	
72	95	23	Sand, gravel, small clay strks.	Other aquifers _____
95	132	37	Sand, gravel, blue clay-broken	
132	135	3	Clay & gravel streaks	
135	164	29	Sand, gravel, brown clay-broken	
164	198	34	Sand & gravel	
198	220	22	Sand, gravel, blue clay-broken	
220	251	31	Blue clay, strks. sand & gravel	
251	276	25	Blue clay, strks. sand & gravel	
276	285	9	Sand, gravel, few clay strks.	First water at <u>107</u> feet.
285	295	10	Sand gravel, clay-broken	
295	298	3	Brown clay, strks. sand & gravel	
298	340	42	Sand, gravel, clay-broken	Casing perforated
340	372	32	Sand, gravel & clay strks.	from <u>107</u> to <u>596</u> ft.
372	374	2	Clay & sand	
374	397	23	Sand, gravel, clay-broken	
397	450	53	Clay, sand & gravel streaks	Size of perforations
450	465	15	Sand, gravel & clay streaks	<u>.045"</u>
465	493	28	Sand & gravel	
493	534	41	Sand, gravel & clay-broken	
534	577	43	Sand, gravel, few clay strks.	
577	579	2	Sand, gravel & clay-broken	
579	589	10	Sand, gravel, few clay streaks	
589	591	2	Sand, gravel & clay-broken	

