

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. **652**
 Rec. **9/21/48** 194
 Well No. _____
 Permit No. _____
Do not fill in



Owner **For State Engineer** Driller **Jesse J. Harrison**

Address _____ Address **Carson City** Lic. No. **6**

Location of well: **NE 1/4 NE 1/4 Sec. 1, T.14 N, R. 19 E**, in **Douglas** County
 or **Hole #1 - Clear Creek Dam Site**

Water will be used for **test hole** Total depth of well **37 1/2'**

Size of drilled hole **6"** Weight of casing per linear foot _____

Thickness of casing _____ Temp. of water **cold**

Diameter and length of casing _____
 (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 **10'**

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

Date of commencement of well **9/13/48** Date of completion of well **9/15/48**

Type of well rig **Rotary Hydraulic**

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	3	3	Top soil, decomposed granite sand and dirt	
3	5	2	Decomposed granite sand and clay	Chief aquifer (water-bearing formation)
5	11'4"	6'4"	Decomposed granite sand coarse (brown)	from 24 to 37 ft.
11'4"	18	6'8"	Decomposed granite sand coarse (light)	her aquifers 11 to 23'
18	23	5	Fine white granite sand	
23	24	1	Clay (brown)	
24	28	4	Quicksand	
28	37 1/2'	9 1/2'	Coarse white granite sand	
37 1/2'	37 1/2'	0	Granite bedrock	
				11
				First water at _____ feet.
				Casing perforated
				from _____ to _____ ft.
				Size of perforations

TEST HOLE #1

Drillers J. Harrison

<u>Material</u>	<u>Thickness (feet)</u>	<u>Depth (feet)</u>
Silt and fine sand "quicksand" (?). Source rock: granodiorite. Less than 1% biotite.	11'4"	11'4"
*Driller's log from surface to 11'4" is as follows:		
Top soil, decomposed granite; sand and dirt	3	3
Decomposed granite sand and clay.	2	5
" " sand, coarse, dark brown.	6'4"	11'4"
No samples	11'8"	23
Fine sand, "quicksand".	5	28
Medium to coarse subangular sand. Medium sand 60% of sample.		
Coarse sand 40% of sample.	9½	37½
Granodiorite.		37½
Total depth.		37½