

# WELL LOG AND REPORT TO THE STATE

ENGINEER OF NEVADA

Well Permit # ~~13017~~  
13016

Log No. 1792  
 Rec. Nov. 6 1951  
 Well No. \_\_\_\_\_  
 Permit No. 13016  
*Do not fill in*

Owner F. E. Fairfield Driller Harry Whittle  
 Address 3075 Cherry Avenue, Long Beach 7, California Lic. No. \_\_\_\_\_  
Approx. 2200' S and 150' W from the NE corner of  
 Location of well: ~~XXXXXXX~~ Sec. 25, T. 10 N., R. 22 E, in M. D. B. & M., Douglas County  
 or \_\_\_\_\_

Water will be used for irrigating pasture lands Total depth of well 555'  
 Size of drilled hole 17 1/2" to 26' - 15 1/2" to 555' Weight of casing per linear foot 10-3/4" -40#  
16"-44#, 14"-40#  
 Thickness of casing 16"-1", 14"-1/2", 10-3/4"-1/2" Temp. of water not determined  
 Diameter and length of casing 16"-15 1/2", 14"-13 1/2", 10-3/4"-10", various lengths, screw pipe  
 (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 Approximately 26'  
 If flowing well describe control works \_\_\_\_\_  
 (Type and size of valve, etc.) \_\_\_\_\_  
 Date of commencement of well May 23, 1951 Date of completion of well June 9, 1951  
 Type of well rig Rotary from surface to bottom -- 555'.

## LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0'	26'	26'	Set and cemented 26' of 16" OD. Cement placed on outside of csg. Solid from 26' to surface.	Chief aquifer (water-bearing formation)
26'	117'	91'	Approx. 60' of sticky shale intermingled with small and large streaks of coarse and fine gravel. Also streaks of shale.	from <u>70'</u> to <u>530'</u> ft. Other aquifers <u>See report on this page.</u>
117'	245'	128'	Small layers of thin shale, wide & narrow layers of washed rock & shale, both large & small intermingled with shale & streaks of hard green shells.	
245'	418'	173'	Some sandy shale, lots of sand & coarse gravel bed. Hard green shells approx. 10' thick. Underlying this large gravel beds, coarse & water sand.	<u>Approx. 39'</u> First water at _____ feet.
418'	484'	66'	Hard sand & large hard gravel with streaks of fine water sand & clay shells.	Casing perforated from <u>80'</u> to <u>555'</u> ft.
484'	555'	71'	Large gravel & fine water sand fractured shale & then large gravel & water sand which overlays the conglomerate at 555'	Size of perforations <u>125 mesh, 2 1/2" slots</u> <u>24 rows.</u>

