

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Well Permit # 13014



Log No. 1490  
 Re. 11/30 1950  
 Well No. \_\_\_\_\_  
 Permit No. 13014  
*Do not fill in*

Owner F. E. FAIRFIELD Driller Harry Whittle

Address 3075 Cherry Avenue, Long Beach 7, Calif. Address Ventura, California Lic. No. \_\_\_\_\_

Location of well: ~~XXXXXXXXXX~~ SE NW Sec. 22, T. 10N, R. 22E, in Douglas County

Water will be used for Irrigating Pasture Land Total depth of well 605'

Size of drilled hole 17 1/2" to 20' -- 12" to 605' Weight of casing per linear foot 14"-40# -- 10-3/4"-36#

Thickness of casing 14"-1" -- 10-3/4"-1" -- 9-5/8"-5/8" Temp. of water Not Determined

Diameter and length of casing 14"-13 1/2" -- 10-3/4"-10' -- 9-5/8"-9" -- 14"-20' -- 10-3/4"-40' -- 9-5/8"-30'  
 (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 40'

If flowing well describe control works 10" large clip gate.  
 (Type and size of valve, etc.)

Date of commencement of well September 12, 1950 Date of completion of well September 21, 1950.

Type of well rig Rotary from surface to bottom -- 605'

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
-0-	27'	27	Shale. Drilled 17 1/2" hole. Set 14" OD at 20' & cemented same on outside of csg. from 20' to surface.	Chief aquifer (water-bearing formation) from 30' to 605' ft.
27'	98'	71	Some gravel with streaks of shale 8 feet thick.	Other aquifers See report on this page.
98'	252'	154	Water sand, round gravel, streaks of shale, rocks, some streaks of red shale and hard gray shale.	Approx. 30' First water at _____ feet.
252'	336'	84	Green limestone. Streaks of water sand, then gray and red shale.	Casing perforated from 20' to 605' ft.
336'	422'	86	Red and gray shale. Green limestone with streaks of shale & water sands.	Size of perforations 125 mesh (slots) 2 1/2" long and 3/8" round holes at various intervals.
422'	511'	89	Streaks of green sand, then shale and hard round water sand, then green sandy shale.	
511'	577'	66	Gray sandy shale, then hard sand, then gray shale, then hard sandy streaks.	
577'	605'	28	Hard round rocks. Red Sandy shale, then hard rocks again.	

