

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Well Permit Number 13013

Log No. 1488
 Rec. 11/30 1950
 Well No. _____
 Permit No. 13013
Do not fill in

Owner F. E. Fairfield Driller Harry Whittle

Address 3075 Cherry Ave., Long Beach 7, Calif. Address Ventura, California Lic. No. _____
 Approx. 100' South and 1800' East from the Northwest Corner of

Location of well: xxxxxxx Sec. 19, T. 4 N, R. 22 E, in Douglas County
NE NW 10 23

Water will be used for Irrigating Pasture Lands Total depth of well 1193'

Size of drilled hole 17 1/2" to 20" -- 12 1/4" to 1193' Weight of casing per linear foot 9"-36# -- 8-5/8" - 32#
8-5/8" - 3/8" 14"-40# -- 10-3/4" - 36#

Thickness of casing 14"-1 1/4" -- 10-3/4" - 1 1/4" Temp. of water Not Determined. Various Lgths.

Diameter and length of casing 14"-13 1/2" -- 10-3/4" - 10 1/2" -- 9"-8 1/4" -- 8-5/8" - 7-7/8" -- /
 (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 14'

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

Date of commencement of well September 29, 1950 Date of completion of well October 12, 1950.

Type of well rig Rotary from surface to bottom of 1193'.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
-0-	27'	27'	Set and cemented 20' of 14" OD. Cement placed on outside of casing. Solid from 20' to surface.	Chief aquifer (water-bearing formation)
27'	207'	180	Approx. 55' of sticky shale, then gravel then small streaks of shale, then gravel and streaks of shale.	from Approx. 60' to 1193' ft.
207'	406'	199	Round gravel and washed rocks, water shale and thin sandy shale streaks.	Other aquifers See report on this page.
406'	536'	130	Sandy shale containing large streaks of water sand and a few hard shells.	
536'	665'	129'	Red shale & thick streaks of water sand then red shale and more streaks of hard water sand.	
665'	789'	122	Red shale and had streaks of water sand.	First water at Approx. 37' feet.
787'	875'	88	red shale & streaks of hard water sand.	
875'	946'	71	Red shale and thin streaks of water sand.	
946'	990'	44	Streaks of water sand and light gray shale.	Casing perforated
990'	1034'	44	Shale, hard chert, streaks of shale, and gravel.	from Approx. 78' to 1193' ft.
1034'	1101'	67	Shale streaks and some sand with white quartz rock.	
1101'	1145'	44	Lime.	Size of perforations
1145'	1193'	48	Limestone and coarse sand, lost circulation while drilling and it took approx. 100 bbls. of heavy mud to get circulation back.	125 mesh (slots) 2" long 3/8" round holes at various intervals.

