

WELL LOG AND REPORT TO THE STATE
ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 5544
 Rec. Nov. 1 1960
 Well No. _____
 Permit No. 18796
Do not fill in



Owner Dewey D.F. Murphy Driller Desert Irrigation & Supply Co.

Address Brownfield, Texas Address Eureka, Nev. Lic. No. 321

Location of well: NE 1/4 SE 1/4 Sec. 23, T. 21 N/S, R. 53 E, in Eureka County
 or Diamond valley

Water will be used for Irrigation Total depth of well 166ft

Size of drilled hole 3 1/2" Weight of casing per linear foot 150 lbs, concrete

Thickness of casing 2 1/2" concrete Temp. of water 58°

Diameter and length of casing 17" inside, 22" outside, 166 ft concrete
 (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 no.

If nonflowing well give depth of standing water from surface 17 ft

If flowing well describe control works None
 (Type and size of valve, etc.)

Date of commencement of well June 16, 1960 Date of completion of well June 18, 1960

Type of well rig Reverse Circulation drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	12	12	top soil and overburden
12	22	10	dry gravel and sand
22	28	6	clay
28	46	18	dry sand
46	100	54	grey and blue clay, soft
100	106	6	good sand
106	110	4	soft clay
110	122	12	good water gravel, clean
122	141	19	good sand & gravel with some clay layers from a few inches to 1 ft in thickness
141	152	11	soft clay
152	166	14	good gravel
166			stopped clay

no test hole beyond 166

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 110 to 166 ft.

Other aquifers none

First water at 47 feet.

Casing perforated

from 122 to 146 ft.
134 to 166

Size of perforations

3/16 inch



