WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 5546
Rec. Nov. 1 1960
Well No.
Permit No. 18789
Do not fill in [illegible] 163

Owner: Bruce DuBose — Driller: Desert Irrigation & Supply Co.

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

Location of well: NE ¼ SW¼ Sec. 13, T 21 N/S, R 53 E, in Eureka County

or Diamond Valley N 39.6836 03 W 115.958768 N 1027

Water will be used for: Irrigation — Total depth of well: 171 ft.

Size of drilled hole: 34" — Weight of casing per linear foot: 150 lbs (concrete)

Thickness of casing: 2½ inches — Temp. of water: 58°

Diameter and length of casing: 17" inside, 22" outside 171 ft length
(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: 42 ft

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

Date of commencement of well: June 18, 1960 — Date of completion of well: June 20, 1960

Type of well rig: Reverse Circulation drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	6	6	Top Soil
6	22	16	overburden and dry gravel
22	53	31	Sand and gravel
53	120	67	Soft clay, blue and grey
120	171	51	Good sand and gravel with clay layers and also small layers of very fine sand (black fine sand)
171	stopped	drilling	Soft Clay
			Test hole drilled to 192 ft showing soft clay and very little gravel from 171 to 192.

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 120 to 171 ft.

Other aquifers

First water at 42 feet.

Casing perforated

from 127 to 171 ft.

Size of perforations

3/16 inch

(OVER)

919

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
	0	171	171	Gravel packed

GENERAL INFORMATION—Pumping Test, Quality of Water, Etc.

50 ft 456 gpm
59 ft 737 gpm
74 ft 1195 gpm 128 ft total water
88 ft 1506 gpm max pumping ½ water would pumping level of 106 ft

estimated yield on ½ water 1800 gpm.

During test pumping well produced a small amount of very fine blank sand.
Upon starting pump this fine black sand will appear for short time only

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Kenneth E. Griffith
Well Driller

By Kenneth E. Griffith

License No. 321
Contractors 6180

Dated Oct. 6, 1960, 19

(Not to be filled in by Driller)

1960 NOV 1 AM 10 42
STATE ENGINEER
OFFICE