18790-1

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6154
Rec. Oct. 3 1961
No. 31107
Permit No. 18790
Do not fill in

Owner: Betty Murphy — Driller: Desert Irrigation & Supply Co.

Address: Brownfield, Texas — Address: Elko, Nevada — Lic. No. 321

Location of well: NE ¼ NE ¼ Sec. 14, T. 21 N/S, R. 53 E, in Eureka, County

or Diamond Valley N39.690963 W115.967818 NAD27

Water will be used for: Irrigation — Total depth of well: 182

Size of drilled hole: 27" — Weight of casing per linear foot: 35 lbs.

Thickness of casing: 3/16 th — Temp. of water: 58° cold

Diameter and length of casing: 182 16"
(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: None

If nonflowing well give depth of standing water from surface: 42 ft.

If flowing well describe control works: ~~4/15/61~~ None ~~4~~
(Type and size of valve, etc.)

Date of commencement of well: 4/15/61 — Date of completion of well: 4/16/61

Type of well rig: Reverse Circulation Drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	Soil
5	47	42	Sand and Gravel
47	104	57	Clay
104	138	34	Sand and Gravel
138	149	11	Sandy Clay
149	151	2	Clay
151	182	31	Sand and Gravel

plugged under NOT 62305

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 140 to 182 ft.

Other aquifers
104 to 138

First water at 42 feet.

Casing perforated
from 140 to 182 ft.

Size of perforations
3/16 factory screen

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.
16"	0	182	182	Gravel packed with graded, washed & select gravel

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

Water level at time of pumping 42 ft.

76 ft --- 1270 gpm

82 ft --- 1560 gpm

89 ft --- 1784 gpm

99 ft --- 2350 gpm

½ water at 114 ft and estimated yield on ½ water at 2800 gpm. Sand Free

WELL DRILLER'S STATEMENT

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

Signed Desert Irrigation & Supply Co.
Well Driller

By Kenneth E. Griffith, Mgr.

License No. 321

Dated Sept. 6, 19 61

Contractor Nos. 6180 and 6559

(Not to be filled in by Driller)

1961 OCT 3 AM 9 40

STATE ENGINEER