18796-7

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6147
Rec. Oct. 3 1961
Well No.
Permit No. 18797
Do not fill in

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

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

Location of well: NE ¼ SW ¼ Sec. 23, T. 21 N/S, R. 53 E, in Eureka, County

or Diamond Valley N39.668950 W115.978485 NAD83

Water will be used for: Irrigation — Total depth of well: 177

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

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

Diameter and length of casing: 177 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: 43 ft.

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

Date of commencement of well: Apr. 15, 1961 — Date of completion of well: Apr. 16, 1961

Type of well rig: Reverse Circulation Drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	8	8	Soil
8	43	35	Sand and Gravel
43	94	51	Clay and sand layers
94	112	18	Hard Clay
112	177	65	Sand and Gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 135 to 177 ft.

Other aquifers
112 to 135

First water at 43 feet.

Casing perforated
from 135 to 177 ft.

Size of perforations
3/16 factory screen

(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.
16"	0	177	177	Gravel packed with graded, washed and select gravel

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

Water level at time of pumping 43 ft.

75 ft --- 1170 gpm

81 ft --- 1636 gpm

87 ft --- 2006 gpm

94 ft --- 2410 gpm

½ water at 110 ft and estimated yield on ½ water at 2500 gpm

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

Contractors Nos. 1690 and 6559

(Not to be filled in by Driller)

1961 OCT 3 AM 9 40

STATE ENGINEER