18786-7

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6151
Rec. Oct. 3 1961
Well No.
Permit No. 18787
Do not fill in

Owner: Ruthel DuBoise
Driller: Desert Irrigation & Supply Co.
Address: Brownfield, Texas
Address: Elko, Nevada
Lic. No. 321

Location of well: NE ¼ NW ¼ Sec. 13, T. 21 N/S, R. 53 E, in Eureka County
or Diamond Valley N39690643 W116.958698 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: 38 ft.

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

Date of commencement of well: Apr. 15/61
Date of completion of well: April 16/61

Type of well rig: Reverse Circulation Drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	6	6	soil
6	61	55	sand and gravel
61	127	66	blue clay
127	133	6	sand
133	138	5	clay
138	149	11	gravel
149	151	2	clay
151	182	31	sand and gravel

deepened by log 121938

Water-bearing Formation, Casing Perforations, Etc.

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

Other aquifers

First water at 38 feet.

Casing perforated
from 140 to 182 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	182	182	Gravel packed with washed, graded & select gravel

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

Water level at time of pumping 38 ft.

76 ft. —— 1170gpm

86 ft. —— 2100 gpm

95 ft. —— 2350 gpm

½ water at 110 ft and estimated yield on ½ water at 2600 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. 5, 19 61

Contractors Nos. 6180 & 6559

(Not to be filled in by Driller)

1961 OCT 5 AM 9 40
STATE ENGINEER