18857-8

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6150
Rec. Oct. 3 1961
Well No.
Permit No. 18857
Do not fill in 24128

Owner: Lenard W. Dillon — Driller: Desert Irrigation & Supply Co.

Address: Seattle, Wash. — Address: Elko, Nevada — Lic. No. 321

Location of well: SW¼ SE¼ Sec. 10, T. 21 N/S, R. 53 E, in Eureka, County Center

or Diamond Valley

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

Size of drilled hole: 27" — Weight of casing per linear foot: 425 lbs per ft.

Thickness of casing: 2½" — Temp. of water: 58° cold

Diameter and length of casing: 182 ft. 17½" outside 13" inside
(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: 52 ft at time of test pumping

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

Date of commencement of well: 7/25/61 — Date of completion of well: 7/26/61

Type of well rig: Reverse circulation Drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	Soil
5	23	18	Gravel
23	25	2	clay
25	38	13	sand
38	43	5	clay
43	69	26	sand
69	80	11	fine sand
80	97	17	gravel
97	115	18	clay
115	145	30	sand and gravel
145	147	2	clay
147	160	13	sand
160	162	2	clay
162	182	20	gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 130 to 182 ft.

Other aquifers

115 to 145

First water at 52 feet.

Casing perforated

from 130 to 182 ft.

Size of perforations

3/16" factory concrete casing 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.
13" inside 17½" outside				
	0	182	182	Gravel packed with washed, graded, select gravel

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

Water level at time of pumping 52 ft.

75 ft. ------- 1050 gpm

80 ft. ------- 1440 gpm

92 ft -- ----- 2190 gpm

99 ft -------- 2556 gpm

½ water at 117 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. 5, 19 61

Contractor Nos. 6180 & 6559

(Not to be filled in by Driller)