13669
1 9 3 6 1

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6160
Rec. Oct. 3, 1961
Well No.
Permit No. 13669
Do not fill in

Owner: H.V. Hansel — Driller: Desert Irrigation & Supply Co.

Address: Jiggs, Nev. — Address: Elko, Nev. — Lic. No. 321

Location of well: SE ¼ NE ¼ Sec. 16, T. 30 N/S, R. 56 E, in Elko, County County

or SE¼ NE¼ - Sec.16 - 30 - 56

Water will be used for: Irrigation — Total depth of well: 274

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

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

Diameter and length of casing: 274 ft 17" 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: 38' 6"

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

Date of commencement of well: May 25,1961 — Date of completion of well: May 26,1961

Type of well rig: Reverse Circulation Drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	6	6	Soil
6	22	16	Gravel
22	91	69	clay, sand and gravel
91	130	39	Clay
130	148	13	Sand and gravel
148	274	126	Layers Clay, Sand and Gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 130 to 274 ft.

Other aquifers

First water at 38' 6" feet.

Casing perforated

from 130 to 274 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 17" outside	0	274	274	Gravel packed with washed, graded and select gravel

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

Water level at time of pumping 38'6"

112 ft --- 386 gpm
128 ft --- 405 gpm
154 ft --- 646 gpm
171 ft --- 773 gpm

½ water at 164 and estimated yield on ½ water at 700 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. 7, 19 61

Contractor's Nos. 6180 and 6559

(Not to be filled in by Driller)