WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6148
Rec. Oct 3 1964
Well No.
Permit No. 18900, 24845
Do not fill in

Owner: Howard Stearns — Driller: Desert Irrigation Supply Co.

Address: Grand Island, Nebraska — Address: Elko, Nevada — Lic. No. 321

Location of well: Center SW¼ SW ¼ Sec. 9, T21 N/S, R53 E, in Eureka, County

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: 43 ft. at time of test pumping

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

Date of commencement of well: 8/10/61 — Date of completion of well: 8/11/61

Type of well rig: Reverse Circulation Drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	top soil and overburden
5	23	18	~~####~~ Gravel
23	29	6	Clay
29	48	19	Sand
48	71	23~~####~~	Clay
71	78	7	Fine sand
78	118	40	Sand & clay layers
118	139	21	Sand and Gravel
139	141	2	Clay
141	179	38	Gravel
179	182	3	Fine Sand

plugged by well log 118857
replaced by log 118556

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 128 to ~~##~~ 182 ft.

Other aquifers
118 to 139

First water at 43 feet.

Casing perforated
from 128 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, seledt gravel

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

Water level at time of pumping 43 ft.

54 ft. ———— 1220 gpm

68 ft ———— 1440 gpm

80 ft.———— 2430 gpm

½ water at 114 ft and estimated yield on ½ water at 3000 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 Griffith, Mgr.

License No. 321

Contractors Nos. 6180 & 6559

Dated Sept. 5, 19 61

(Not to be filled in by Driller)

OCT 3 1961 AM 9 40

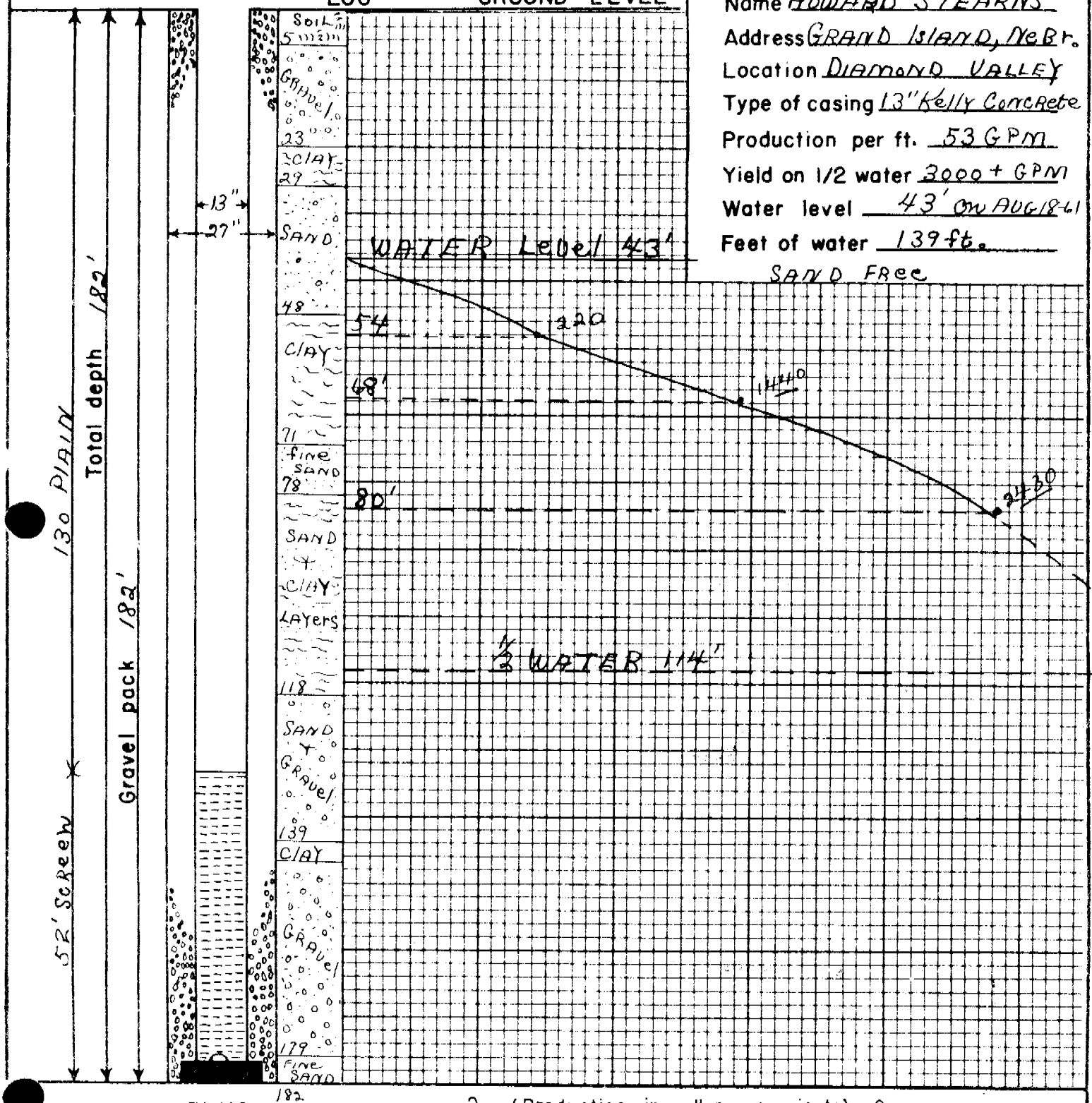
STATE ENGINEER

Log 6148

Desert Irrigation Supply Co.
[redacted] Elko
Well & Pump Co. Nev.
[redacted], [redacted]

Date Aug 10-61
Name Howard Stearns
Address Grand Island, Nebr.
Location Diamond Valley
Type of casing 13" Kelly Concrete
Production per ft. 53 GPM
Yield on 1/2 water 3000 + GPM
Water level 43' on Aug 18-61
Feet of water 139 ft.

Center
SW 1/4 Sec 9 - T21 - R53



B. Walker
DRILLER

R Nichols
TEST PUMPED

R. Nichols
SUPERINTENDENT