WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6149
Rec. Oct. 3 1961
Well No.
Permit No. 18899
24264 *Do not fill in*

Owner: Jean Stearns Driller: Desert Irrigation & Supply Co.

Address: Grand Island, Neb. Address: Elko, Nevada Lic. No. 321

Location of well: ~~SW~~ Center ¼ ~~SW~~ SE ¼ Sec. 9, T 21 N/S, R 53 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: 46 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	Soil
5	9	4	sandy clay
9	31	22	sand
31	33	2	clay
33	44	11	big gravel
44	48	4	clay
48	88	40	layers sand, clay and gravel
88	102	14	clay
102	117	15	gravel
117	119	2	clay
119	135	16	sand
135	137	2	clay
137	176	39	sand and gravel
176	182	6	fine black sand

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 125 to 182 ft.

Other aquifers

102 to 117

First water at 46 feet.

Casing perforated

from 125 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 46 ft.

68 ft. -------- 1220 gpm

79 ft. -------- 2010 gpm

90 ft --------- 2556 gpm

½ water at 110 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 E. Griffith, Mgr.

License No. 321

Dated Sept. 5, 19 61

Contractor Nos. 6180 & 6559

(Not to be filled in by Driller)

LOG 6149

Desert IRRIGATION Supply Co.

[redacted] ELKO

Well & Pump Co. NEV.

[redacted], [redacted]

Center E¼ Sec. 9 - T21 - R53

Date AUG 10-61

Name JEAN STEARNS

Address GRAND ISLAND, NEBR.

Location DIAMOND VALLEY

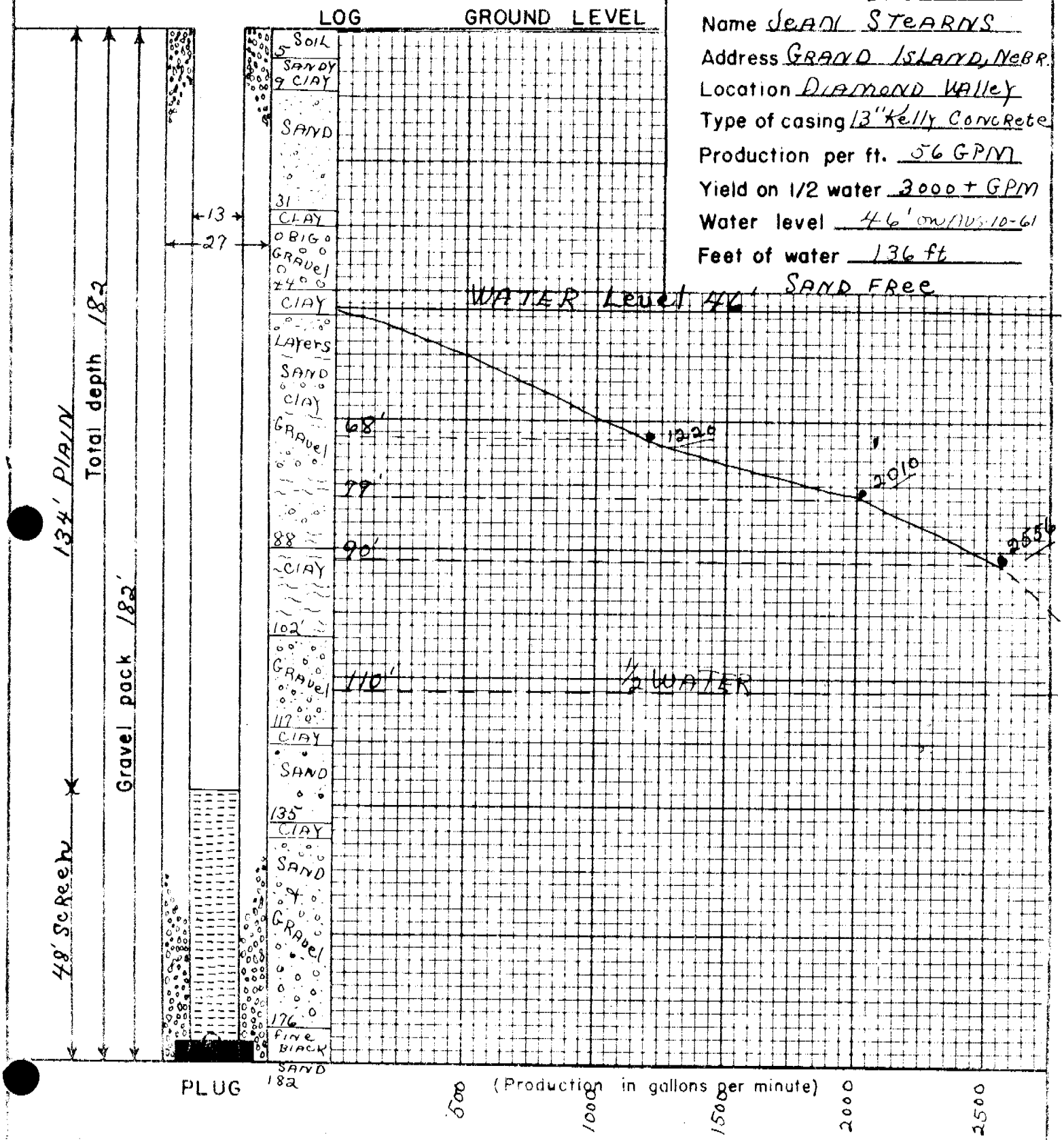
Type of casing 13" Kelly Concrete

Production per ft. 56 GPM

Yield on 1/2 water 3000 + GPM

Water level 46' on AUG 10-61

Feet of water 136 ft



B. WALKER
DRILLER

B. WALKER
TEST PUMPED

R. NICHOLS
SUPERINTENDENT