18748-49

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 6062
Rec. Aug 15 1961
Well No.
Permit No. 18748
Do not fill in

Owner: Alfred Farley Driller: Desert Irrigation Supply Co.

Address: Myrtle Creek, Ore. Address: Elko, Nev. Lic. No. 321

Location of well: ¼ SW ¼ Sec. 8, T 21 N/S, R 53 E, in Eureka, Co., Nev. County

or Diamond Valley

Water will be used for: Irrigation Total depth of well: 164 ft.

Size of drilled hole: 27" Weight of casing per linear foot: 450 lbs concrete

Thickness of casing: 2½ inches concrete Temp. of water: cold 59°

Diameter and length of casing: 13" in side 18" outside 164 ft in length
(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: no

If nonflowing well give depth of standing water from surface: 46'

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

Date of commencement of well: May 12, 1961 Date of completion of well: May 13, 1961

Type of well rig: Reverse Circulation Drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	soil and overburden
5	11	6	sand and gravel
11	37	26	sandy clay
37	70	33	sand and gravel
70	77	7	clay
77	133	56	sand, gravel and clay layers
133	145	12	good water gravel
145	158	13	sand and clay layers
158	164	6	water gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 133 to 164 ft.

Other aquifers

77 to 133

First water at 46 feet.

Casing perforated

from 120 to 164 ft.

Size of perforations

3/16th opening

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" ID 18" OD	0	164	164	gravel packed with graded, select and washed gravel

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

water level - 46'

61 ft. ——— 1170 gpm
65 ft. - - - 1560 gpm
71 ft. - - - 2080 gpm
75 ft. - - - 2556 gpm

Water is of excellent quality and sand free

estimated yeild on ½ water water 3500 gpm

WELL DRILLER'S STATEMENT

This well was drilled under my jurisdiction and the above information is true to my best information and belief.

Signed Kenneth E. Griffith
Well Driller
Desert Irrigation & Supply Co.
By Kenneth E. Griffith

License No. 321
Contractor Nos. 6180 & 6559
Dated June 1, 19 61

(Not to be filled in by Driller)

1961 AUG 15 AM 9 04
STATE ENGINEER

Log 6062

DESERT IRRIGATION - SUPPLY

ELKO [redacted] Nevada

Well & Pump Co

[redacted]

Date MAY 1954

Name Alford Farley

Address Myrtle Creek Ore

Location Diamond Valley

Type of casing 13" Kelly concrete

Production per ft. 85 GPM

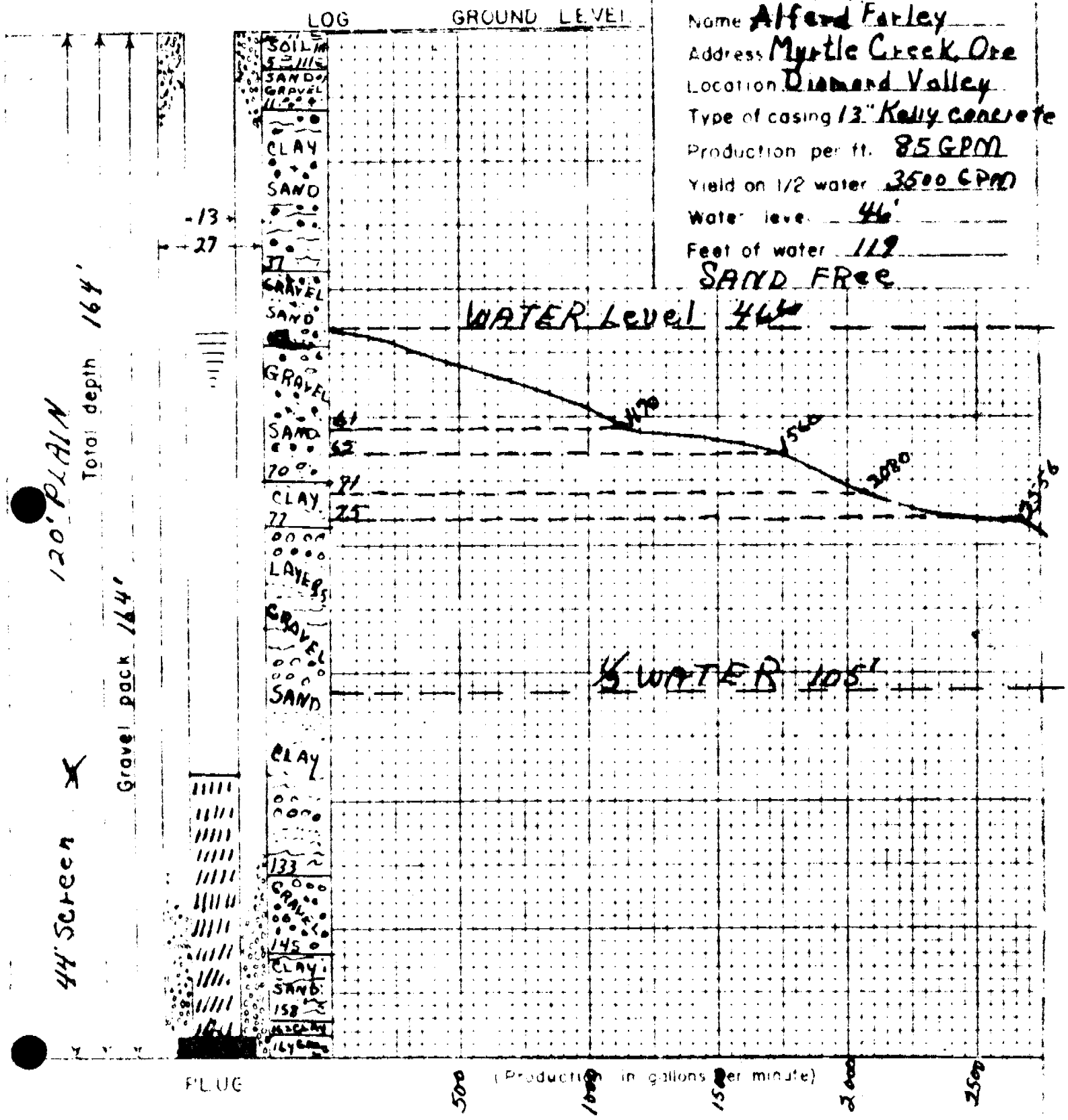
Yield on 1/2 water 3500 GPM

Water level 46'

Feet of water 119

SAND FREE

Well No. 2 SW 1/4 Sec 8, T21 - R53



D. MORRISON — DRILLER

B. WALKER — TEST PUMPED

R. NICHOLS — SUPERINTENDENT