WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 5548
Rec. Nov. 1 19 60
Well No.
Permit No. 19002.
Do not fill in Basin 153

Owner: Vida Cooper — Driller: Desert Irrigation & Supply Co.

Address: Tucumcari, N.M. — Address: Eureka, Nev. — Lic. No. 321

Location of well: SW ¼ NW ¼ Sec. 15, T 21 N/S, R 53 E, in Eureka co. County

or Diamond valley N 39.69067 W 115.99625 NAD27.

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

Size of drilled hole: 27" — Weight of casing per linear foot: 40 lb

Thickness of casing: ½ ¼" — Temp. of water: 58°

Diameter and length of casing: 16" inside 182 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: none

If nonflowing well give depth of standing water from surface: ~~18~~ 36 ft

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

Date of commencement of well: Sept 24, 1960 — Date of completion of well: Sept 27, 1960

Type of well rig: Reverse circulation drilling

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	top soil
5	25	20	dry sand and gravel
25	46	21	sand and clay layers
46	69	23	gravel and sand
69	91	22	soft clay
91	102	11	big course ~~gravel~~ gravel (lost all water)
102	116	14	fine sand
116	182	66	good sand and gravel with small clay layers
	bottom of hole at 182		

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from ~~116~~ 102 to 182 ft.

Other aquifers: none

First water at 36 ft feet.

Casing perforated
from 138 to 182 ft.

Size of perforations
¼ inch torch slot openings

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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.
				Well gravel packed with select gravel 0 to 182

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

Standing water level ~~2~~ 36 ft
from 42 ft 497 gpm
from 53 ft 750 gpm
from 62 ft 1041 gpm
from 73 ft 1320 gpm
from 104 ft 2205 gpm

½ water 109 ft estimated yield on ½ water 2400 gpm

~~xx~~ water is ~~x~~ sand free and of good quality.

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

By Kenneth E. Griffith

License No. 321
Contractors No. 6180

Dated Oct 26, 1960

(Not to be filled in by Driller)

1960 NOV 1 AM 10 42
STATE ENGINEER
OFFICE