WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 7653
Rec. Feb 24 1964
Well No.
Permit No. 18801
Do not fill in.

Owner: Charles Ballew Driller: Glenn Meadow

Address: Nevada Bank of Commerce - Elko, Nev Address: Eureka, Nevada Lic. No. 369

Location of well: ¼ ¼ Sec. 6, T. 21 N/S, R. 53E, in Eureka, Nev. County

or Diamond Valley - Well located at the point on the water map as submitted with permit

Water will be used for: Irrigation Total depth of well: 252 ft.

Size of drilled hole: 26" Weight of casing per linear foot: 35 lbs per ft.

Thickness of casing: .219 Temp. of water: 59°

Diameter and length of casing: 252 ft - 16" steel
(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: 38 ft

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

Date of commencement of well: Jan 19, 1964 Date of completion of well: Jan 30, 1964

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 over burden
5	30	25	sand and gravel (dry)
30	42	12	clay
42	70	28	water sand and gravel
70	76	6	hard sand stone
76	80	4	water sand and gravel
80	97	17	soft clay
97	103	6	good water sand and gravel
103	107	4	clay
107	118	11	good water sand & gravel
118	128	10	clay
128	138	10	water gravel
138	158	20	medium hard cemented gravel
158	163	5	gravel
163	270	107	hard cemented gravel & rocks

(OVER)

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from 12 to ~~252~~ 163 ft.

Other aquifers
163 to 252

First water at 38 feet.

Casing perforated

from 92 to 112 ft.
132 to 172
192 to 212, 232-252

Size of perforations
3/16 Thompson screen

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
			see other side

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
16"	0	252	252 ft.	Gravel packed with washed, graded select gravel from top to bottom. Screen was an Thompson manufacture, alphalt dipped with 3/16" opening.

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

2520 gpm - - 180 feet
2120 gpm - - 140 feet
1720 gpm - - 120 feet
1320 gpm - - 100 feet

8 hour test pumping test

Test Pumped by Layne & Bowler Pump Co. of Alco.

Test certified to by Gerald McMetridge, Mgr.

Water was of good quality and was sand free

Supervision of drilling and overall contract - Ranch Irrigation & Supply Co.
Ken Griffith, Mgr.

WELL DRILLER'S STATEMENT

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

Signed Glenn Maddox
Glenn Maddox Well Driller

By.....

License No.....

Dated Jan 30, 1964, 19.....

(Not to be filled in by Driller)

FEB 24 AM 10 39