WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 4807
Rec. 19
Well No. .....
Permit No. 17969
Do not fill in

Owner Shell Oil Co. Driller S. E. Maloney & Son

Address 1008 West 6th St., Los Angeles 54, Calif Address 1642 S. Main St., Las Vegas No. 45

Location of well: NW ¼ NW ¼ Sec 29, T21 N/S, R61 E, in Clark County

or .....

Water will be used for D. & I. Total depth of well 245 feet.

Size of drilled hole 12" to 50 ft., 10" to 245 Weight of casing per linear foot 10 gauge

Thickness of casing 10 gauge Temp. of water .....

Diameter and length of casing 6" I.D. to 245 feet.
(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 .....

If nonflowing well give depth of standing water from surface 22 ft.

If flowing well describe control works .....
(Type and size of valve, etc.)

Date of commencement of well 6-7-59 Date of completion of well 8-14-59

Type of well rig Bucyrus Erie 24 L, Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	Caliche
5	12	7	gravel and caliche
12	18	6	cemented gravel and boulders
18	21	3	caliche
21	30	9	caliche and gravel
30	35	5	white clay
35	40	5	sandy clay, water
40	45	5	graveley clay, water
45	70	25	graveley clay
70	78	8	gravel
78	90	12	clay
90	97	7	gravel, water
97	110	13	clay
110	120	10	graveley clay
120	122	2	gravel
122	132	10	clay
132	140	8	cemented gravel, water
140	145	5	sandy clay
145	150	5	gravel
150	183	33	graveley clay
183	188	5	gravel, water
188	190	2	clay
190	201	11	gravel
201	215	14	clay
215	238	23	graveley clay
238	245	7	gravel, water

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 238 to 245 ft.

Other aquifers 163 to 188
132 to 140, 90 to 97

First water at 35 feet.

Casing perforated
from 130 to 245 ft.

Size of perforations
9/16" X 10"

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.
8" I.D.	0	245	245	8" casing cemented down to 60 feet with 3 yards concrete.

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

Bailed 90 G.P.M. from 69 feet.

WELL DRILLER'S STATEMENT

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

Signed S. R. McKinney & Son
Well Driller

By

License No. 45

Dated August 17, 19 59

(Not to be filled in by Driller)