WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

copy to CC

Log No. 2181
Rec. March 20 1953
Well No. 705
Permit No. 14288
Do not fill in

Owner: Rancho Del Mar (R.A. Watt
Driller: S.R. McKinney & Son
Address: Highway 91
Address: Las Vegas, Nev. Lic. No. 45

Location of well: NW ¼ SW ¼ Sec. 21, T.21 N/S, R61 E, in Clark County

or

Water will be used for: Quasi- Municipal
Total depth of well: 150 ft.

Size of drilled hole: 10"
Weight of casing per linear foot

Thickness of casing: ¼"
Temp. of water

Diameter and length of casing: 60 ft. of 10"
(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: -41 ft.

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

Date of commencement of well: 3/5/52
Date of completion of well: 3/12/52

Type of well rig: Bucyrus Erie Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	sand
4	16	12	caliche
16	19	3	gravel
19	32	13	gravel & clay
32	35	3	gravel
35	39	4	lime rock
39	41	2	br. clay
41	45	4	lime rock
45	59	14	gravel 1st water
59	63	4	cement grav.
63	100	37	red clay
100	105	5	sand stone
105	130	25	red sandy clay
130	133	3	sand gravel water
133	145	12	red sandy clay
145	150	5	red clay

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 130 to 133 ft.

Other aquifers

First water at 45 feet.

Casing perforated

from to ft.

Size of perforations

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.
10	0	60	60	cemented with 2 yrds. Ready Mix

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

made 30 g.p.m. by bailer test

WELL DRILLERS STATEMENT

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

Signed S. R. McKinney
Well Driller

By.....

License No.....

Dated....., 19.....

(Not to be filled in by Driller)

Watt

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2181
Rec. 19
Well No. 705
Permit No. 14283
Do not fill in

Owner R. A. Watt (Rancho Del Mar) Driller S.R. Mc Kinney & Son

Address Highway 91, Las Vegas, Nev. Address 1042 So. Main Las, Vegas, Nev. Lic. No. 45

Location of well: NW ¼ Sw ¼ Sec. 21, T. 21 N/S, R 61 E, in Clark County

or

Water will be used for Quasi- Municipal Total depth of well 150

Size of drilled hole 10" Weight of casing per linear foot 35#

Thickness of casing ¼" Temp. of water

Diameter and length of casing 60 of 10"
(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 -31 ft.

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

Date of commencement of well 3/5/52 Date of completion of well 3/12/52

Type of well rig Bucyrus Erie Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	sandy soil
4	16	12	calichie
16	19	3	gravel
19	32	13	gravel & clay
32	35	3	gravel
35	39	4	lime rock
39	41	2	brown clay
41	45	4	lime rock
45	59	14	gravel (1st water 45')
59	63	4	cement gravel
63	100	37	red clay
100	105	5	sand stone
105	130	25	red sandy clay
130	133	3	sand+gravel (water)
133	145	12	red sandy clay
145	150	5	red clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 130 to 133 ft.

Other aquifers

First water at 45 feet.

Casing perforated

from to ft.

Size of perforations

no log sent to C.E.

(OVER)

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.
10	0	60	60	cemented

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

by bailer test 30 g.p.m.

WELL DRILLERS STATEMENT

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

Signed.....
Well Driller

By.....

License No.....

Dated....., 19.....

(Not to be filled in by Driller)