WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2810
Rec. 19
Well No. 714
Permit No. 13565
Do not fill in

[redacted] & Victor Neeley

Owner Ronald M. James Driller S. [illegible] & Son

Address 518 North First, Las Vegas Address 1042 S. Main Las Vegas Lic. No. 45

Location of well: E½ NE ¼ SE ¼ SW ¼ Sec. 18, T. 21 N/S, R 62 E, in Clark County

or

Water will be used for A. & I. Total depth of well 340 ft.

Size of drilled hole 12" to 75 ft. 8" to 340 Weight of casing per linear foot 28 lb.

Thickness of casing 5/16" Temp. of water 68°

Diameter and length of casing 8" I.D. to 86 ft.
(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 1½ g.p.m. Pressure +3.25 M.P. top of 8" coller 1.0 above sur.

If nonflowing well give depth of standing water from surface [illegible]

If flowing well describe control works 1¼" cap.
(Type and size of valve, etc.)

Date of commencement of well Nov 29, 1952 Date of completion of well Dec 3, 1952

Type of well rig Bucyrus Erie 24L Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
75	80	5	Sandstone Water
80	200	120	Red sandy clay with streaks of sandstone carring water
xxx200	210	10	Red sticky clay
210	212	2	Red sandstone Water
212	215	3	Red sand Water
215	260	45	Red sticky clay
260	264	4	Red sandstone
264	300	36	Red sandy clay
300	310	10	Red sticky clay
310	340	30	Brown sticky clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 210 to 212 ft.

Other aquifers 260 to 264

First water at 75 feet.

Casing perforated

from None to ft.

Size of perforations

(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.
8" I.D.	0	86	86	8" Cemented in at 75 ft with 2 yds. concrete

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

Well flowing 1½ 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 [illegible] Well Driller

By .....

License No. [illegible]

Dated Dec 11, 19 52

(Not to be filled in by Driller)

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

[redacted]

Log No. 2810
Rec. 19
Well No. 714
Permit No. 13565
Do not fill in

Owner Ronald M. James Driller S. R. McKinney & Son

Address 518 North First St., Las Vegas Address 1042 S. Main St. Las Vegas No. 45

Location of well: SE ¼ SW¼ Sec. 16, T. 21 N/S, R. 62 E, in Clark County

or East ½ of NE ¼ of SE ¼ of SW ¼ of Sec. 16 Twp. 21 S., Range 62 East.

Water will be used for D. & I. Total depth of well 435 ft.

Size of drilled hole 12" to 75 ft, 8" to 435 ft Weight of casing per linear foot 28 lb.

Thickness of casing 5/16" Temp. of water

Diameter and length of casing 8" I.D. to 86 ft.
(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 Surface

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

Date of commencement of well Nov. 29, 1952 Date of completion of well Dec. 3, 1952

Type of well rig Bucyrus Erie 24 L, Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
75	80	5	sandstone water
80	200	120	red sandy clay with streaks of sandstone carrying water
200	210	10	red sticky clay
210	212	2	red sandstone water
212	215	3	red sand water
215	260	45	red sticky clay
260	264	4	red sandstone
264	300	36	red sandy clay
300	310	10	red sticky clay
310	340	30	brown sticky clay
340	345	5	brown sticky clay
345	350	5	red sandy clay
350	380	30	red clay
380	385	5	fine gravel water
385	395	10	red sandy clay
395	400	5	red sand water
400	420	20	red sandy clay
420	425	5	red sand water
425	435	10	red clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 380 to 385 ft.

Other aquifers 420 to 425
395 to 400, 210 to 215
80 to 200

First water at ..... feet

Casing perforated

from ..... to ..... ft.

Size of perforations

(OVER)

919

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	86	86	8" Casing cemented down to 75 ft. with 2 yds. concrete.

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

Well flowing 1½ G.P.M.

WELL DRILLER'S STATEMENT

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

Signed J. R. McKinney Helena
Well Driller

By McKinney

License No. 45

Dated Dec 6, 19 54

(Not to be filled in by Driller)