

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

COPY 1718 Page 2

Log No. 1718  
 Rec. 19  
 Well No. 665  
 Permit No. 13526

*Do not fill in*



Owner Theodore Michelas Driller \_\_\_\_\_

Address 227-St. Louis, Las Vegas, Nev. Address \_\_\_\_\_ Lic. No. \_\_\_\_\_

Location of well: NE $\frac{1}{4}$ -SE $\frac{1}{4}$  Sec. 4, T. 21N/S, R. 61 E, in \_\_\_\_\_ County

Water will be used for Quasi-Municipal & Domestic Total depth of well 400'

Size of drilled hole \_\_\_\_\_ Weight of casing per linear foot \_\_\_\_\_

Thickness of casing \_\_\_\_\_ Temp. of water \_\_\_\_\_

Diameter and length of casing \_\_\_\_\_  
 (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 \_\_\_\_\_

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

Date of commencement of well \_\_\_\_\_ Date of completion of well \_\_\_\_\_

Type of well rig \_\_\_\_\_

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
288	292	4	Sandstone	Chief aquifer (water-bearing formation) from _____ to _____ ft. Other aquifers _____ _____ _____ _____ First water at _____ feet. Casing perforated from _____ to _____ ft. Size of perforations _____ _____
292	296	4	Sticky clay	
296	298	2	Sandstone	
298	302	4	Sticky clay	
302	305	3	Sandstone	
305	309	4	Sticky clay	
309	312	3	Sandstone, hard, water level	
312	315	3	Sandstone, hard	
315	325	10	Red clay, sticky	
325	329	4	Sandstone, hard	
329	339	10	Red clay, sticky	
339	342	3	Sandstone, hard	
342	343	1	Sandstone, hard	
343	348	5	Red sticky clay	
348	354	6	Sandstone, hard	
354	362	8	Sticky red clay, water standing at ground level.	
362	375	13	Sand and gravel	
375	382	7	Gravel	
382	385	3	Red sticky clay	
385	387	2	Gravel & sand, red	
387	390	3	Red sandy clay, well flowing 5 GPM	
390	391	1	Red sandy clay	
391	393	2	Gravel & Sand	
393	398	5	Sticky red clay	
398	400	2	Gravel, well flowing 15 GPM	

(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.

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

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**WELL DRILLER'S 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)

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COPY 1718  
 Log No. ....  
 Rec. .... 19  
 Well No. 665  
 Permit No. 13626  
*Do not fill in*

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Theodore Michelas Driller S. R. McKinney & Son  
 Address 227 St. Louis, Las Vegas, Nev. Address 104 S. Main, L.V. Lic. No. 45  
 Location of well: NE 1/4 SE 1/4 Sec. 4, T. 2 N/S, R. 61 E, in Las Vegas, Nevada, Clark County  
 or .....  
 Water will be used for Quasi-Municipal & Domestic Total depth of well 400'  
 Size of drilled hole 14" to 180', 8" to 400' Weight of casing per linear foot 32lb. 10", 28lb. 8"  
 Thickness of casing 5/16" Temp. of water 71°  
 Diameter and length of casing 10" I.D. to 148', 8" from 141 to 400'  
 (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 15 gal. minute  
 If nonflowing well give depth of standing water from surface 7/6/51 2.5 ft./from surface  
 If flowing well describe control works 10" cap with 2" outlet  
 (Type and size of valve, etc.)  
 Date of commencement of well May 22, 1951 Date of completion of well June 8, 1951  
 Type of well rig Bucyrus Erie 24, Spudder

## LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	3	3	Sandy Clay (hard pan)	
3	12	9	Gravelly clay	
12	15	3	Cement gravel, little water	
15	28	13	Sandy brown clay	Chief aquifer (water-bearing formation) from <u>300</u> to <u>400</u> ft.
28	29	1	Gravel water	Other aquifers <u>228 to 257</u>
29	37	8	Gravelly clay	<u>163 to 168</u>
37	40	3	Gravel	
40	44	4	Caliche	
44	73	29	Sandy clay	
73	75	2	Cement gravel	
75	79	4	Sandy brown clay	
79	81	2	Cement gravel	
81	104	23	Sandy brown clay	
104	107	3	Cement gravel	First water at <u>12</u> feet.
107	116	9	Brown sandy clay	
116	118	2	Red sticky clay	
118	137	19	Brown sandy clay	Casing perforated
137	139	2	Cement gravel	from <u>300</u> to <u>380</u> ft.
139	141	2	Cavey sandy clay	
141	153	12	Brown sandy clay	
153	155	2	Red sticky clay	
155	163	8	Brown sandy clay	Size of perforations
163	168	5	Caliche, water	<u>1/8" x 12"</u>
168	176	8	Brown sandy clay	
176	178	2	Caliche, water level, 11 ft.	
178	183	5	Brown sandy clay	
183	185	2	Cement gravel	

