

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 7476
 Rec. NOV 7 1963
 Well No. 1
 Permit No. 20054
Do not fill in

Owner Spring Mountain Water Co. Driller PATRICK E. THOMPSON
 Address Las Vegas, Nevada Address Las Vegas, Nevada Lic. No. 192
 Location of well: NE 1/4 NW 1/4 Sec. 18, T21 N/S, R61 E, in Clark County

Water will be used for Quasi-municipal Total depth of well 469'
 Size of drilled hole 16" Weight of casing per linear foot 250
 Thickness of casing 250" Temp. of water.....
 Diameter and length of casing 10-3/4" dia. 466' length
 (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 50'
 If flowing well describe control works.....
 (Type and size of valve, etc.)
 Date of commencement of well March 7, 1963 Date of completion of well April 7, 1963
 Type of well rig Cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	4	4	soil
4	17	17	caliche
17	47	47	brown clay
47	58	58	caliche
58	65	65	brown clay
65	66	66	caliche
66	67	67	brown clay
67	68	68	caliche
68	69	69	red clay
69	130	130	brown clay with streaks of gravel
130	170	170	brown clay
170	175	175	gravel - water
175	180	180	brown clay
180	187	187	gravel - water
187	260	260	brown clay
260	285	285	cemented gravel - water
285	310	310	red clay & gravel
310	314	314	cemented gravel
314	318	318	red sand
318	325	325	cemented gravel
325	330	330	red clay
330	337	337	cemented gravel
337	340	340	red clay
340	350	350	cemented gravel
350	400	400	red clay
400	430	430	cemented gravel
430	450	450	loose gravel
450	465	465	cemented gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation) 430 to 450 ft.
 Other aquifers noted in log of formation.
 First water at.....feet.
100ing perforated 465
 from to ft.
3/16" x 14 - 110 rows
 Size of perforations

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

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Log No. 7476
 Rec. 19
 Well No. 225157
 Permit No. 225157
Do not fill in

Owner Spring Mountain Water Co. Driller Patrick H. Thompson
 Address Las Vegas, Nevada Address Las Vegas, Nevada Lic. No. 192

Location of well: NW 1/4 NW 1/4 Sec. 18, T. 21N/S, R. 61E, in Clark County

Water will be used for Quasi-municipal Total depth of well 405'

Size of drilled hole 12" Weight of casing per linear foot 16.9#

Thickness of casing 3/16" Temp. of water cool

Diameter and length of casing Diameter - 8" Length - 405'
(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 120'

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

Date of commencement of well 9-19-64 Date of completion of well 10-2-64

Type of well rig Cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	5	5	Clay and gravel
5	32	27	Cemented gravel
32	45	13	Hard lime shell
45	55	10	Brown sandy clay
55	60	5	Hard lime shell
60	67	7	Red clay
67	72	5	Hard lime shell
72	100	28	Red clay
100	103	3	Lime shell
103	120	17	Red clay
120	125	5	Lime shell
125	150	25	Red sandy clay
150	152	2	Lime shell (water)
152	165	13	Red sandy clay
165	167	2	Gravel (water)
167	185	18	Red sandy clay with streaks of gravel
185	200	15	Red clay
200	210	10	Red sand
210	225	15	Sandy clay
225	235	10	Red clay with streaks of red sand.
235	250	15	Red clay
250	253	3	Lime shell
253	275	22	Red clay
275	280	5	Cemented gravel (water)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 300 to 400 ft.

Other aquifers as noted

in log.

First water at 150 feet.

Casing perforated

from 150 to 400 ft.

Size of perforations

3/16 x 3 8 rows
on 6" centers

