

East Well

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Sheet One Of Two Sheets

Log No. 2011
 Rec. NOV 10 1952
 Well No. 69
 Permit No. 1448
Do not fill in

Plugged

Owner Prewin, Inc. Milton Prewin, Sec. Driller McGarvie Plumbing & Welding

Address Sahara Hotel Las Vegas Nev. Address 221 N. 3d St. - Ph. 232 Lic. No. 132

Location of well: NW 1/4 NW 1/4 Sec. 10., T. 21 N. S. R. 61 E. in Clark County

or M.D.M. - Whence N.W. Corner - Set Sec. Bears N. 54° - 44 min. W., 500' distant

Water will be used for Domestic Hotel Use Total depth of well 568'

Size of drilled hole ^{1st} 200' - 20" Bal. 15" Weight of casing per linear foot 24.7 lb on 16"

Thickness of casing 7 Gauge Temp. of water 71°

Diameter and length of casing 200' - 16" - 515' - 10", 84" - 8"
(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 38' *9/9/52 - 49.43 MP 16" after pressure test*

If flowing well describe control works *but not on w side of casing 1/2" above 4'*
(Type and size of valve, etc.)

Date of commencement of well July 10, 1952 Date of completion of well September 7, 1952

Type of well rig Keystone

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	8	8	Caliche
8	10	2	Cemented Gravel
10	15	5	Water Gravel
15	33	18	Sandy Clay
33	43	10	Cemented Gravel
43	53	10	Sandy Clay
53	58	5	Hard Sand
58	66	8	Caliche
66	68	2	White Clay, Black Gravel
68	70	2	Yellow Sand
70	75	5	Sandy Clay
75	85	10	Cemented Gravel
85	89	4	Sand and Gravel
89	100	11	Gravelly Clay
100	103	3	Caliche
103	107	4	Gravel in Clay-red
107	108	1	Cemented Gravel
108	116	8	Gravelly Clay
116	117	1	Water Sand
117	120	3	Cemented Gravel
120	125	5	Caliche
125	137	12	Red Clay-Sandy
137	140	3	Cemented Gravel
140	143	3	Sand
143	147	4	Yellow Clay
147	151	4	Cemented Gravel
151	155	4	Cemented Boulders

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from _____ to _____ ft.

Other aquifers Got water in all gravel & sand formations, couldn't tell that one produced more than any other. Water remained at 38' during entire job. after cementing.

First water at 9 feet.

10" Casing perforated
 From 274... To 294...
 from 334 to 514

8" x 84' Per. 84'
 This is a Liner.
Size of perforations

10" 3/16" -- 4 ROWS

8" 1/16" -- 4 ROWS

Torch Cut. Perp.

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2071
 Rec. Nov 10 1952
 Well No. 611
 Permit No. 14468
Do not fill in

Owner PREWIN, INC. Driller McGarvie Plumbing & Heating
 Address SAHARA HOTEL (CONTINUED) Address _____ Lic. No. _____
 Location of well: 1/4 Sec. 1/4, T. N/S, R. E, in _____ County
 or _____
 Water will be used for _____ Total depth of well _____
 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.
311	322	11	Cemented Sand and Gravel, Very Hard	
322	324	2	Pea Gravel	Chief aquifer (water-bearing formation)
324	355	31	Clay-Hard Shells	from _____ to _____ ft.
355	366	11	Cemented Gravel	Other aquifers _____
366	370	4	Red Sandy Clay	
370	380	10	Cemented Gravel	
380	382	2	Sandy Clay and Gravel	
382	384	2	Bentonite	
384	392	8	Sand-Light Clay	
392	394	2	Cemented Gravel	
394	397	3	Sandy Clay	
397	405	8	Cemented Gravel	
405	406	1	Sand	
406	408	2	Sticky Clay	First water at _____ feet.
408	415	7	Soft Sandy Clay-Small Gravel	
415	430	15	Hard Shell Blue Clay	Casing perforated
430	467	37	Blue Clay-very sticky-set 10" Pipe to 460'	from _____ to _____ ft.
467	482	15	Sand Shells of Clay	
482	490	12	Sandy Clay	
490	495	5	Sand Shells of Clay	Size of perforations _____
495	510	15	Hard White Sand	
510	527	17	Gray Lime Shale & Clay	
527	545	18	Red Sand	
545	550	5	Stiff Red Clay-Small Gravel	
550	565	15	Red Sand-Fine	

