



# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 45  
 Rec. 7/27 1947  
 Well No. ....  
 Permit No. 11620  
*Do not fill in*

Owner El Rancho Hotel & Village Inc. Driller No. Las Vegas Drilling Co.  
 Address Las Vegas, Nevada. By Bert Hairgrove  
 Address Box 657 Las Vegas, Ne Lic. No. 7  
 Location of well: NW 1/4 NE 1/4 Sec. 9, T.21 N/S, R.61 E, in Clark County

Water will be used for Quasi-Municipal Total depth of well 585 ft.

Size of drilled hole 8" and 6" Weight of casing per linear foot 8" 36# 6" 10#

Thickness of casing 3/8" and 1/4" Temp. of water .....

Diameter and length of casing 337' 8" I.D. 450' of 6" I.D. 147' of 4" standard  
 (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..... one ft.

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

Date of commencement of well Jan. 15, 1947 Date of completion of well April 25, 1947

Type of well rig 71 Speed Star.

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
1	20	20	Gyp
20	60	40	yellow clay
60	70	10	caliche streaked with clay
70	100	30	clay
100	200	100	caliche streaked with clay
200	290	90	yellow clay
290	295	5	gravel (flow)
295	335	40	clay
335	350	15	gravel (water increase)
350	400	50	clay & little gravel
400	473	73	clay streaked with sand
473	483	10	blue clay
483	585	102	clay & sand (no water)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 290 to 295 ft.

Other aquifers 335 to 350

First water at 20 feet.

6" Casing perforated  
 from 310 to 490 ft.

4" 403 to 550

Size of perforations

1/4" by 4"



