good copy

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 38
Rec. Aug 25 1956
Well No.
Permit No.
Do not fill in

well no.1

Owner National Park Service Echo Bay Driller Louis F.Evans

Address Boulder City,Nevada Address 2020 Carroll N.Las Vegas Lic. No. 117

Location of well: ¼ ¼ Sec., T. N/S R. E, in County

or Lake Mead Recreation Area Approximately 24 Miles S.E.of Overton,Nevada

Water will be used for Total depth of well 300 ft.

Size of drilled hole 190 ft.14 inch.120 ft.10 inch Weight of casing per linear foot 28 lbs.

Thickness of casing ½ wall Temp. of water

Diameter and length of casing 10-3/4inch.o.d.casing 220 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 83 ft.

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

Date of commencement of well May 25,1956 Date of completion of well June 26,1956

Type of well rig Keystone

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	12	12	sand
12	32	20	sand & gravel
32	41	9	gravel
41	53	12	sand
53	68	15	gravel
68	77	9	sand
77	93	16	gravel
93	116	23	white sand & gravel (water)
116	131	15	red sand & gravel
131	139	8	gray clay
139	142	3	white sand & gravel
142	145	3	white clay
145	185	40	red sandy clay
185	215	30	blue & red clay
215	255	40	red sandy clay
255	265	10	salt
265	300	35	red sandy clay & salt

(over)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 265 to 265 ft.

Other aquifers 93 to 116

First water at 93 feet.

Casing perforated

from to ft.

Size of perforations

¼ inch.wide 6 inches lo

919

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
			pereferations 94 ft. 3 perf.102 ft. 2 perf. 108 ft.2 perf. 112 ft.2 perf. 114 ft. 2 perf. 116 ft.3 perf.

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
0-3/4	0	220	220	back fill 180 ft.from 120 ft.to300 ft. gravel packed 40 ft.from 80 ft.to 120 ft. back fill 79 ft.from 1 ft.to 80 ft. cemented 1 ft.from 0 to 1ft. back filled inside casing 100 ft.from 200 ft.to 300 f cement plug 26 ft.from 174 ft.to 200 ft.

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

water at 93 ft.not fit for humane use

water at 255 ft.salt water

WELL DRILLER'S STATEMENT

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

Signed Louis F. Evans
Well Driller

By Del Effinger

License No. 117

Dated June 25, 19 56

STATE ENGINEER
AUG 27 56

(Not to be filled in by Driller)

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