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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3312
Rec. Feb 1 1956
Well No.
Permit No.
Do not fill in

Owner Clark County Commissioners Driller S. R. McKinney & Son

Address Clark County Courthouse, Las Vegas Address 1042 S. Main Las Vegas Lic. No. 45

Location of well: NE ¼ Sec. 34, T 28 N/S, R 63 E, in Clark County

or 1/2 mile north of Searchlight Nevada on west side of Hi Way

Water will be used for City of Searchlight Total depth of well 366 ft.

Size of drilled hole 14" to 10 ft., 12" to 335 10" to 366 ft. Weight of casing per linear foot 28 lb.

Thickness of casing 1/4" Wall Temp. of water

Diameter and length of casing 14" O.D. to 10 ft. 8" I.D. to 366 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 134 ft.

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

Date of commencement of well Nov. 11, 56 Date of completion of well Jan 27, 1956

Type of well rig Bucyrus Erie 24 L. Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	14	14	sand gravel & Boulders
14	20	6	gravel
20	32	12	gravel & lime rock
32	55	13	rock
55	75	20	brown & yellow limestone
75	100	25	brown limestone
100	110	10	brown & yellow rock
110	121	11	grey limestone
121	158	37	grey and brown limestone
158	185	27	brown and yellow limestone water
185	190	5	gravel
190	205	15	brown and yellow limestone
205	214	9	grey brown and pink lime Muddy
214	228	14	brown green & pink limestone
228	234	6	brown and green limestone
234	241	7	grey limestone hard
241	260	19	soft grey limestone water at 250
260	302	42	grey limestone
302	312	10	grey green and brown limestone
312	323	11	grey and green limestone
323	325	2	grey green and brown limestone, soft
325	343	18	grey lime and clay
343	360	17	grey limestone hard
360	366	6	grey limestone hard

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 241 to 260 ft.

Other aquifers 155 to 160

First water at 155 feet.

Casing perforated

from 146 to 346 ft.

Size of perforations

140 Mesh X 2½" slots

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.
14" O.D.	0	10	10	
8" I.D.	0	~~300~~	~~300~~	8" casing cemented down to 51 feet with 4 yards concrete.

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

Pump tested well for 48 hours for maximum drawdown.

Pumped 60 G.P.M. from 212 feet. Water clear.

WELL DRILLER'S STATEMENT

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

Signed S. R. McKinney & Son
Well Driller

By [illegible]

License No. 45

Dated January 27, 1956

(Not to be filled in by Driller)

OFFICE
STATE ENGINEER

1956 FEB 1 AM 10 32