3144

Log No. ~~3746~~
Rec. Sept. 13 1955
Well No.
Permit No. 16440
Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Owner: M. Silva — Driller: Rottman Drilling Co

Address: Smith Nevada — Address: 121 West Ave I Lancaster Calif. Lic. No. 202

Location of well: NW ¼ NW ¼ Sec. 3, T. 10 N., R. 24 E. M.D.B.&M., in Lyon County

or

Water will be used for: irrigation — Total depth of well: 511 ft.

Size of drilled hole: 24" hole — Weight of casing per linear foot

Thickness of casing: ¼" — Temp. of water: 56°

Diameter and length of casing: 211" of 16" I.D. casing 300" of 14 in I.D. casing 244 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: 80

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

Date of commencement of well: Started June 21-55 — Date of completion of well: July 14 - 55

Type of well rig: Rotary

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
1	25	25	top soil + sand
25	45	20	course sand some clay
45	75	30	fine sand some cosse
75	140	65	fine sand some clay
140	155	15	fine sand som coral
155	170	15	~~coarse sand~~
170	178	8	coarse sand some clay
178	180	8	shale.
180	200	20	coarse sand good big.
200	255	55	Boulders.
255	275	20	coarse sand small Boulders
275	340	65	course sand streaks clay + Boulders
340	400	60	coarse sand small Boulders
400	410	10	sticky clay
410	420	10	Boulders + clay
420	435	15	fine sand and sticky clay.
435	475	40	fine sand streaks clay
475	485	10	fine sand some course
485	500	15	course sand
500	511	11	some course sand + sticky clay.

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 140 to 170 ft.

Other aquifers: 180-200
255-275 - 340-400
~~485-500~~

First water at 80 feet.

Casing perforated
from 180 to 511 ft.

Size of perforations
¼"

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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.
16	1	211	24ft	Perforated with 1/4" cuts welded every 24ft
14	211	511	24ft.	with collars.

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

We tested this well it pumped 2 1/2 ft water from 200 ft good 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 Rottman Drilling Co
Well Driller

By Cletus V Gray

License No. 282

Dated Sept 4, 19 55

OFFICE
STATE ENGINEER

1955 SEP 13 AM 9 46

(Not to be filled in by Driller)