

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No.	1212
Rec.	8/20/49 1949
Well No.	
Permit No.	

Do not fill in

Owner..... Apex Oil Well Driller Martin & Sons

Address..... Address Bx1881 Las Vegas Nev Lic. No. 79

Location of well: 1/4 1/4 Sec T. 18 N/S, R. 6 E, in Count
or..... about 24 miles N.E. of Las Vegas,

Water will be used for..... (oil) Total depth of well 6/20/49 1025 ft

Size of drilled hole..... 16" Weight of casing per linear foot.....

Thickness of casing..... Temp. of water.....

Diameter and length of casing 16" to 350 ft. 103/4
(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..... 1948 Date of completion of well Rig still on locati

Type of well rig Cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	5	5	surface soil	
5	25	20	cement gravel	
25	63	38	red clay	
63	105	42	soft lime	
105	111	6	sand	Chief aquifer (water-bearing formation) from to ft.
111	138	27	sandy clay	Other aquifers
138	163	25	conglomerate	
163	190	27	fine grained sand stone (soft)	
190	235	45	sandy clay	
235	265	30	sand & small gravel (water at 256 very hard by soap test)	
265	273	8	med. hard sandstone	
273	287	14	clay with thin lime shells	
287	317	30	brown shale	
317	342	25	soft lime	First water at feet.
342	370	28	hard conglomerate	
370	500	130	caving brown shale	Casing perforated from to ft.
500	510	10	lime (set 16" casing)	
510	540	30	brown shale with some sand	
540	560	20	salt-sand (heavy water salty)	Size of perforations
560	780	220	blue shale broken by small sand lens carrying water, very salty	
780	793	13	lime (carried 16" pipe and made good water shutoff.	
793	800	7	brown shale	
800	945	145	broken shale	

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
945	950	5	picked up more salt water
950	960	10	hard lime (showing gas)
960	1000	40	lime bug hole
1000	1025	25	very hard lime (showing of gas at 1020 ft. (running 85/8" casing.

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

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

WELL DRILLERS STATEMENT

(Not to be filled in by Driller)

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

Signed Martin & Son
Well Driller

By.....

License No. 79

Dated....., 194.....


