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WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2109
Rec. Dec. 15 19 52
Well No. 83
Permit No. 823
Do not fill in

Willis Garlin

Owner Dan Gilbert (old VanHorn) Driller Tom Miller
Address 711 So. 4th St., Las Vegas, Nev. Address 275 W. Basic, Henderson Lic. No. 129
Location of well: NW 1/4 NE 1/4 Sec. 27, T. 19 N/S, R. 53 E, in Nye County

Water will be used for Irrigation and domestic Total depth of well 1102 feet

Size of drilled hole 18" and 12" Weight of casing per linear foot 16" 33 lbs.

Thickness of casing 3/16" Temp. of water

Diameter and length of casing 331 ft. of 16" O.D.
(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 15. to 20 ft. from surface
11/26/52--22.73 from surface

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

Date of commencement of well July 19, 1952 Date of completion of well October 12, 1952

Type of well rig 22 Speed Star, Spudder & Rotary combination

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	62	62	clay & gravel
62	72	10	water sand
72	195	123	clay & gravel
195	205	10	sand course gravel (water)
205	255	50	clay & gravel
225	270	15	water sand
270	297	27	clay
297	304	7	sand
304	317	13	clay
317	325	8	gravel
325	335	10	clay & gravel
335	375	40	sand & gravel (water)
375	415	40	lime cement gravel
415	455	40	sand & gravel
455	472	17	cement gravel
472	475	3	bentonite clay
475	487	12	course grav.
487	497	10	bontenite
497	655	158	sand & gravel (water)
655	701	46	lime cement grav.
701	705	4	sticky brown clay
705	712	7	sand & grav.
712	745	33	cement grav.
745	755	10	sand
755	898	143	cement grav.
898	975	77	grey & brown sand

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 497 to 655 ft.

Other aquifers 62-72

255 to 270, 335 to 375

898 to 975

195 to 205

First water at 62-72 feet.

Casing perforated

from 62 to 325 ft.

Size of perforations

1/2 by 3



LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
975	1067	92	sticky white clay small streaks of gravel
1067	1092	25	sand and gravel
1092	1102	10	dime cement gravel

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16"	0	331	331	gravel packed from 62 to 331 cemented from 62 ft to surface

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

WELL DRILLERS STATEMENT

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

Signed Thomas B. Miller
Well Driller

By.....

License No. 129

Dated Nov. 1, 19 52

(Not to be filled in by Driller)
