27125

Log No. 27125
Rec. 27125
Well No. 3/4
Permit No. [illegible]
Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

#4 Copy

Owner: U.S. Nellis Air Force Base
Address: Las Vegas Nevada

Driller: Allen Water Well Service Co.
Address: 231 Maryland Pky. Lic. No. 40

Location of well: ¼ ¼ Sec. , T. N/S, R. E, in Clark County
NE SE 3 20 ~~62~~ 61E
or

Water will be used for: Domestic municipal
Total depth of well: 300'

Size of drilled hole: 20"
Weight of casing per linear foot: 41.7

Thickness of casing: 3/16"
Temp. of water:

Diameter and length of casing: 20" I.D. 98 with 12" machine perforated liner from top to bottom
(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: -17'

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

Date of commencement of well: July 5, 1951
Date of completion of well: Aug. 2, 1951

Type of well rig: Star 72 Spudder

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	7	7	Top soil
7	68	61	clay
68	74	6	caliche
74	77	3	gravel
77	106	29	clay
106	110	4	clay & gravel
110	116	6	water gravel
116	158	42	clay
158	175	17	caliche
175	190	15	clay
190	197	7	water gravel
197	204	7	clay
204	208	4	water gravel
208	240	32	clay
240	245	5	clay & gravel
245	250	5	water gravel
250	265	15	clay
265	268	3	water gravel
268	278	10	clay
278	282	4	water gravel
282	295	13	clay
295	298	3	water gravel
298	300	2	clay

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Perforated from 120'-300

Chief aquifer (water-bearing formation)

from 110 to 116 ft.

Other aquifers 110 - 116
190 - 197 204 - 208
245 - 250 265 - 268
278 - 282 295 - 298

First water at 42 feet.

Casing perforated

from 120 to 300 ft.

Size of perforations

3/16 X 1 1/4, 31/2" apart with 1 1/2" between rows

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.
20"	0	98	98	3/16" Cemented in place with 100 sacks straight cement
12"	3	300	297	1/4" & 3 yards of cement grout

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

Gravel packed with 3/8" X 1/4" gravel to with in 20 feet of the top.

WELL DRILLERS STATEMENT

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

Signed Fred B. Allen
Well Driller

By .....

License No. 40

Aug. 20, 1951

(Not to be filled in by Driller)