

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 4901
 Rec. 19
 Well No.
 Permit No. 17572 &
Do not fill in 1872

Owner Nellis Air Force Base Well No. 8 Driller Allison Water Well Service Co.
 Address Nellis Air Base, Nevada. Address 911 So. Main St. Lic. No. 40

Location of well: NE 1/4 SE 1/4 Sec. 3, T.20N/S, R.61E, in Clark Count
 or.....

Water will be used for Quasi Total depth of well 913'

Size of drilled hole 21" Weight of casing per linear foot 24 lbs.

Thickness of casing 8 gauge hard red. Temp. of water

Diameter and length of casing 24" I.D. 0 to 100' Conductor 12" I.D. 0 to 910'
(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 12'

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

Date of commencement of well 6/29/59 Date of completion of well 9/2/59

Type of well rig Rotary.

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	45	45	brown clay	
45	47	2	gravel	
47	150	103	sandy clay	Chief aquifer (water-bearing formation)
150	170	20	brown sandy clay	from <u>690</u> to <u>755</u> ft.
170	190	20	streaks brown and white clay	Other aquifers <u>45.-47</u>
190	225	35	fine sand	<u>118-130 149-160</u>
225	285	60	brown clay and limestone	<u>202-211 306-348</u>
285	325	40	clay, limestone & black gravel	<u>392-401 495-510 610-</u>
325	360	35	brown clay	<u>660-663 692-781</u>
360	435	75	1/4 light grey limestone.	
435	450	15	dark grey clay	First water at.....feet.
450	525	75	limestone, sand, some quartz	Casing perforated
525	560	35	brown clay and limestone	from <u>150</u> to <u>900</u> ft.
560	650	290	lightgrey clay with layers hard formation.	Size of perforations
650	850	200	grey clay and fine sand.	<u>1/8"x3" shutter screen</u> <u>32 holes per lin. foot.</u>

