WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 3771
Rec. May 14 1957
Well No.
Permit No. 17961

Do not fill in

Owner City of Henderson Well # 2 Driller Effinger Drilling & Pump Service

Address Henderson, Nevada. Address P.O. Box 589 Lic. No. 212

Location of well: SW¼ SE¼ Sec. 4, T 22 N/S R 62 E, in Clark County

or Henderson, Nevada (21-61) 4 d.c.

Water will be used for Exploration Purposes Total depth of well 655 ft.

Size of drilled hole 20" Weight of casing per linear foot 16"-42.06, 10"(3/16 10"(¼)28.07, 31.27

Thickness of casing 16"-¼", 10"-3/16, 10"-¼" Temp. of water

Diameter and length of casing 16"-215' 10"-440'
(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 XXXX

If nonflowing well give depth of standing water from surface 12 feet

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

Date of commencement of well 1/29/57 Date of completion of well 4/12/57

Type of well rig "71 Speed Star"

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	
0	3	3	Chlochie	
3	7	4	Gyp.	
7	19	12	Red Clay	
19	23	4	Gravel	
23	26	3	Red Sand	
26	33	7	Red Clay & Gravel	
33	164	131	Gravel & Rocks	(Water)
164	185	21	Red Clay & Gravel	
185	206	21	Yellow Sticky Clay	
206	317	111	Red Sticky Clay	
317	330	13	Gravel	(Water)
330	338	8	Red Clay - Gravel	
338	345	7	Red Clay	
345	362	17	Gravel	(Water)
362	408	46	Red Sticky Clay	
408	412	4	Red Sandstone	(Water)
412	423	11	Yellow Sticky Clay	
423	427	4	White Sticky Clay	
427	655	228	Red Sticky Clay	

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 33' to 164 ft.

Other aquifers 317-330
345-362
408-412

First water at 33 feet.

Casing perforated

from 455' to 655 ft.

Size of perforations

¼" (Mills Perforator)

(OVER)

919

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"	2	215	215'	9½ yds of cement
10"	215	655	440'	Cemented from 0 to 83'
				9 yds of pea-gravel
				Gravel packed from 83' to 655'
				10" casing welded to 16" casing
				Plate cap welded on
				Pump test 220 g.p.m. at 172 ft setting

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

WELL DRILLER'S STATEMENT

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

Signed Effinger Drilling & Pump Service
Well Driller

By A F Effinger

License No. 212

May 3rd, 19 57

(Not to be filled in by Driller)

STATE ENGINEER OFFICE