Log No. 368
Rec. 2-20 1948
Well No. 562
Permit No. 11543
Do not fill in

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Owner: The Francis Corporation % H. J. Warner & B. L. Laird

Address: Bx. 1586 Las Vegas, nevada

Driller: W. E. Rhoads

Address: Pittman Nevada Lic. No. 27

Location of well: NE ¼ SE ¼ Sec. 14, T. 20 N/S, R. 61 E, in Clark County

or

Water will be used for: Quasi- municipal

Total depth of well: 690

Size of drilled hole: 8" and 6"

Weight of casing per linear foot: 8"-28# 6"-19#

Thickness of casing: ¼"

Temp. of water: 78

Diameter and length of casing: 106' of 8" 429' of 6" I.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: 28 G.P.M. 42# pressure

If nonflowing well give depth of standing water from surface:

If flowing well describe control works: Welded in 4" connection

(Type and size of valve, etc.)

Date of commencement of well: July 15, 1947 Date of completion of well: Aug. 11, 1947

Type of well rig: Bucyrus Erie 22W

LOG OF FORMATIONS

From Feet	To Feet	Thickness Feet	Type of material
	3		surface soil
3	18	15	caliche
18	35	17	soft gyp rock
35	50	15	sandy clay (wet)
50	55	5	sand & gravel(water)
55	80	25	light sandy clay
80	85	5	lime stone rib
85	150	65	sandy clay
150	155	5	lime stone
155	180	25	red sandy clay
180	185	5	sand rock
185	205	20	sandy clay
205	210	5	sand rock
210	215	5	sand & gravel (water raised)
215	225	10	sand rock
225	245	20	sandy clay
245	290	45	sandy clay ribbed with lime rock
290	320	30	red sandy clay
320	340	20	grey sandy clay
340	350	10	red sandy clay
350	355	5	red sand rock
355	390	35	lime rock
390	415	25	sand & clay
415	420	5	sand & gravel (water)
420	475	55	sandy clay ribbed with rock
475	495	20	blue clay

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 535 to 690 ft.

Other aquifers 210 to 215

415 to 420

495 to 496

First water at 42 feet.

Casing perforated

from ..... to ..... ft.

Size of perforations

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
495	496	1	water sand (1st. flow)
496	535	39	bluish clay
535	690	155	sand and lime rock (picked up increase in water all the way under high pressure

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
8"	0	106	106	8" and 6" casing welded to-gether in one string
6"	106	535	429	Cemented with 2½ yrds of ready mix cement.

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

(Copy of a letter on analyses of water from this well)

This water sample shows it to carry 2018 parts per million of total solids or mineral matter in solution, also this mineral matter was found to consist mainly of calcium, magnesium and sodium sulfate, which would have a pronounced laxative effect on consumers of this water.

signed Wayne B. Adams.

WELL DRILLERS STATEMENT

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

Signed.....
Well Driller

By.....

License No.....

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

(Not to be filled in by Driller)