WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 267
Rec. 12/1 194
Well No. 3
Permit No. 11558
Do not fill in

Owner: R. S. Harmer
Address: 3075 Cherry Ave., Long Beach, Cal.
Driller: Al Godfrey
Address: 422 W. 35th Court, Long Beach, Calif.
Lic. No. 42

Location of well: NE ¼ SE ¼ Sec. 33, T. 19 N/S, R 53 E, in Nye County
or Pahrump Valley, Pahrump, Nevada.

Water will be used for: Irrigation
Total depth of well: 650'

Size of drilled hole: 17½"
Weight of casing per linear foot: 36#

Thickness of casing: ¼"
Temp. of water: Not taken - about ~~60°~~ 74°

Diameter and length of casing: 12" IC - 12½ OD - Bottom of casing at 593'
(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: ~~Approx.~~ 125 GPM June 17, 1988 by C.H.J.

If nonflowing well give depth of standing water from surface:

If flowing well describe control works: One 8" - 125# Gate Valve on side of casing.
June 17, 1988 +55.3 ft. by C.H.J.
(Type and size of valve, etc.)

Date of commencement of well: 10-4-47
Date of completion of well: 10-31-47

Type of well rig: Portable Rotary Equipment

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	65	65	Surface clay & sand
65	72	7	Gravel (coarse)
72	101	29	clay
101	103	2	Rock
103	310	207	chalky shale (Caliche?)
310	339	29	clay with streaks of sand
339	342	3	Rock
342	443	102	chalky shale (caliche?)
443	474	31	coarse sand
474	490	16	Sandy clay
490	516	26	Gravel, fine and coarse
516	535	19	clay
535	542	7	coarse gravel
542	565	23	gravel with streaks of clay
565	604	39	gravel
604	650	46	coarse sharp gravel

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)
from 565 to 650 ft.

Other aquifers
490 - 516
535 - 542

First water at 65-72 feet.

Casing perforated
from 473 to 593 ft.

Size of perforations
1/8" - 54 perforations per foot.

(OVER)

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.
12½" OD	0	593		Casing was run to 593 feet-Bottom 120 ft. being perforated - Casing was cemented from 400' to 344' using 56 sks. of cement by 2 plug method.

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

No test pump being available at the time the well was completed, I swabbed with 12" swab at 100 ft. until well was clean and was unable to lower fluid. First test was made at 604 ft. then drill was run thru casing and hole deepened to 650 to try to increase flow. However, we got very little increase after deepening.

WELL DRILLERS STATEMENT

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

Signed Al Godfrey
Well Driller

By E. A. Godfrey

License No. 42

Dated 11-9-, 1947

(Not to be filled in by Driller)