WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 1880
Rec. April 1 1952
Well No. 4
Permit No. 10493 #4 x
Do not fill in

Owner: Pahrump Ranch — Driller: Allen Water Well Service Co.

Address: Pahrump Valley Nevada — Address: 231 Maryland Pky. — Lic. No. 40

Location of well: Existing well SW ¼ NW ¼ Sec. 23, T. 20 N/S, R. 53 E, in NYE County

or

Water will be used for: Irrigation — Total depth of well: 632'

Size of drilled hole: 16" 86 feet — Weight of casing per linear foot: 42 lbs.

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

Diameter and length of casing: 16" I. D. with a 13" liner to 376'
(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: 351 g.p.m.

If nonflowing well give depth of standing water from surface:

If flowing well describe control works: Conductor pipe cemented in place, 13 inch outlet
(Type and size of valve, etc.)

Date of commencement of well: Dec. 12, 1951 — Date of completion of well: Feb. 18, 1952

Type of well rig: 72 STAR cable tools

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	86	86	Slew mud
86	90	4	sand
90	96	6	clay
96	110	14	formation unknown
110	160	50	brown clay
160	165	5	clay and rocks
165	175	10	water sand
175	185	10	brown clay and gravel
185	210	25	brown clay
210	280	70	brown clay and sand
280	310	30	clay and rocks
310	325	15	water sand
325	355	30	clay and gravel
355	360	5	sand
360	365	5	sand
365	368	3	gravel
368	370	2	water sand
370	372	2	water sand
372	378	6	sand
378	393	15	water sand
393	398	5	clay
398	420	22	clay
420	450	30	clay and gravel
450	475	25	clay and gravel
475	525	50	clay and gravel
525	540	15	clay and gravel
540	549	9	clay

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 86 to 90 ft.

Other aquifers 165 to 175

355 to 393

First water at feet.

Casing perforated

from to ft.

Size of perforations

(OVER)

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
549	554	5	clay and gravel
[illegible]	570	16	clay and gravel
[illegible]	583	13	clay and gravel
583	585	2	clay and gravel
585	591	6	clay and gravel
591	596	5	clay and gravel
596	600	4	clay and gravel
600	608	8	clay and gravel
608	616	8	clay and gravel
616	622	6	clay and gravel
622	632	10	clay and gravel

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
16"	0	86'	86'	Cemented in place with 300 sacks of straight cement.
13"	0	376'	376'	liner with shoe

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

WELL DRILLERS STATEMENT

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

Signed [illegible]
Well Driller

By .....

License No. 40

March 3, 1952

OFFICE STATE ENGINEER
MAR 31 '52
RECEIVED
ANB.

(Not to be filled in by Driller)