

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2277

Rec. June 24 1953

Well No. ....

Permit No. 12619

Do not fill in

Owner Lotterer, Blagg Driller J. L. Howard

Address Pahrump, Nev. Address Pahrump, Nev. Lic. No. 134

Location of well: SE 1/4 SW 1/4 Sec. 3, T. 20N/S, R. 53E, in Nye County Nye

or See Notice Card.

Water will be used for irrigation Total depth of well 427

Size of drilled hole 18" to 24 5/8" 12" to 4 1/2" Weight of casing per linear foot 50#

Thickness of casing 1/4" Temp. of water 75

Diameter and length of casing 166 16 1/2 247'  
(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 400 gpm

If nonflowing well give depth of standing water from surface .....

If flowing well describe control works 10" Gate Valve  
(Type and size of valve, etc.)

Date of commencement of well Feb. 7th, 1953 Date of completion of well Not Finished May 20

Type of well rig Cable Tool

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	12	12	Surface soil	
12	55	43	Packed sand clay gravel tan and gray	Chief aquifer (water-bearing formation)
55	72	17	Water gravel, streaks of gray	from <u>402</u> to <u>427</u> ft.
72	127	55	Sandy gray clay	Other aquifers <u>55-72</u>
127	130	3	Sedimentary sandstone gray	<u>333-348</u>
130	144	14	Cemented sand and gravel	<u>370-375</u>
144	170	26	Packed tan clay	
170	185	15	Sediment rock, hard, gray	
185	201	16	Sandy clay, red	
201	204	3	Sediment rock, hard, gray	
204	262	58	Tan Bentonite	
262	268	6	Rock, gray, brittle (flinty)	
268	304	36	Gray sticky clay	First water at <u>55</u> feet.
304	306	2	Rock, gray, hard	
306	327	21	Sandy clay, tan	
327	333	6	Sediment rock, gray	Casing perforated <u>No</u>
333	348	15	Packed sand and gravel	from ..... to ..... ft.
348	353	5	Rock, hard, gray	water rise
353	370	17	Clay, tan	Size of perforations
370	375	5	Coarse gravel & sand, black,	
375	390	15	Clay, gray	
390	402	12	Rocks, bedded in clay	
402	416	14	Tightly packed rocks, black & blue	
416	432	16	Rocks, loose, all colors, gray to black sand	

