

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 65680  
 Rec. 19  
 Well No. 1  
 Permit No. Do not fill in

Owner Foota Mineral Company Driller Ace Well Drilling Service  
C.W. Stockman  
 Address Silver Peak, Nevada Address 816 Fairway, Las Vegas Lic. No. 486  
 Location of well: S.W. 1/4 NW 1/4 Sec. 17, T. 1 N, R. 42 E, in Esmeralda County  
 or 1/2 mile south of northwest corner Section 17, TWN 1 South Range 40 East  
 Water will be used for Test Well Total depth of well 592 ft.  
 Size of drilled hole 10" Weight of casing per linear foot 28.04# per ft.  
 Thickness of casing .250 Temp. of water \_\_\_\_\_  
 Diameter and length of casing 10 1/4" 530'  
 (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 \_\_\_\_\_  
 If nonflowing well give depth of standing water from surface 5 ft.  
 If flowing well describe control works None  
 (Type and size of valve, etc.) \_\_\_\_\_  
 Date of commencement of well 11/15/1965 Date of completion of well 1/26/1966  
 Type of well rig 36L Bucyrus-Erie Cable tool

## LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	12	12	Clay	
12	14 1/2	2 1/2	Salt	
14 1/2	25	10 1/2	Black clay	Chief aquifer (water-bearing formation)
25	30	5	Salt	from 283 to 293 ft.
30	40	10	Sandy silt	Other aquifers 12 to 14 1/2'
40	43	3	Sand	25 to 30, 40 to 43,
43	50	7	Gray clay	150 to 153, 157 to 158,
50	61	11	Brown clay	243 to 245, 363 to 363 1/2
61	72	11	Sandy green clay	395 to 395 1/2, 433 to 433 1/2
72	73	1	Salt	443 to 444 1/2, 490 to 491.
73	87	14	Black clay	First water at 12 feet.
87	93	6	Brown clay	
93	104	11	Sandy silt	
104	105	1	Black clay	
105	108	3	Green clay with salt	
108	115	7	Brown clay	
115	121	6	Gray clay	
121	122	1	Black clay	
122	125	3	Brown clay	
125	131	6	Brown clay with salt	
131	143	12	Brown clay	
143	145	2	Sandy brown clay	
145	150	5	Brown clay with str. salt	
150	153	3	Salt	
153	157	4	Clay	
157	158	1	Salt	
158	205	47	Gray clay	
205	220	15	Gray clay with half inch stringers of salt	

(OVER)

## LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
220	243	23	Brown clay
243	245	2	Fine white sand
245	263	18	Silty gray clay
263	268	5	Brown clay
268	270	2	Brown with streaks of sand, $\frac{1}{2}$ to 1" thick
270	277	7	Gray clay
277	283	6	Gray sandy clay
283	293	10	White salt and pepper sand with stringers of gyp
293	363	70	Gray clay
363	363 $\frac{1}{2}$	$\frac{1}{2}$	Fine white sand
363 $\frac{1}{2}$	395	31 $\frac{1}{2}$	Brown clay
395	395 $\frac{1}{2}$	$\frac{1}{2}$	Fine white sand
395 $\frac{1}{2}$	433	37 $\frac{1}{2}$	Brown clay
433	433 $\frac{1}{2}$	$\frac{1}{2}$	Fine white sand
433 $\frac{1}{2}$	443	9 $\frac{1}{2}$	Brown clay

Formation continued below casing record  
CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
				Formation Log Continued
443	444 $\frac{1}{2}$	1 $\frac{1}{2}$		Fine white sand
444 $\frac{1}{2}$	490	45 $\frac{1}{2}$		Gray clay
490	491	1		Fine sand
491	592	101		Brown clay with streaks of gray clay
12-3/4	00-0	140	140	
10-3/4	0	530	530	All casing removed from well.

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

This well was drilled as a test hole to core formation, check water zones and mineral value of water and approximate amounts. All water is of high brine content. Zones producing water in excess of 100 GPM is salt zone at 25-30' Salt zone at 150-153', main water bearing zone at 283-293'. Upon completion of well, set Johnson screen at 283-293 without cleaning well or pulling mud from behind casing with bottom of csg at 283'. Well produced small amount of water through .018 slot Johnson screen. Well mudded in, unable to clean. Abandoned same

## WELL DRILLER'S STATEMENT

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

Signed C.W. Stockman  
Well Driller

By \_\_\_\_\_

License No. 486

Dated Feb 4 -, 19 66