

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. 65681
Rec. 19
Well No. 1
Permit No. 1
Do not fill in

Owner Foot Mineral Company Driller Ace Well Drilling Service
Address Silver Peake, Nevada Address 816 Fairway Dr. L.V. Lic. No. 849
Location of well: 1/4 Sec. 29, T. N/S, R. E, in Esmeralda County
or 525' NW of SE cor. Sec. 29, TWN 1 S. R 40 E
Water will be used for Test Well Total depth of well 273'
Size of drilled hole 10 3/4 Weight of casing per linear foot 28.04
Thickness of casing .250 Temp. of water 60-70 degrees
Diameter and length of casing 10 3/4 to 270'
(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 Not flowing
If nonflowing well give depth of standing water from surface 3 ft from surface
If flowing well describe control works No control
(Type and size of valve, etc.)
Date of commencement of well 10, 25, 65 Date of completion of well 11, 10, 65
Type of well rig 36 L Bucyrus Erie Cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
0	15	15	Clay	
15	23	8	Gray silty clay	
23	25	2	Green silty sand	Chief aquifer (water-bearing formation)
25	73	48	Gray clay w/ streaks of black silt	from to ft.
73	78	5	Green sandy silt	Other aquifers
78	87	9	Green silty clay	
87	89	2	Fine silty sand	
89	93	4	Fine green silty clay	
93	95	2	White clay	
95	108	13	Green clay	
108	122	14	Green fine sand strked w/clay	
122	133	11	White clay w/strks black silt	
133	138	5	Lt. gray clay w/ stks hard fine sand	water at <u>12'</u> feet.
138	147	9	Green silty sand & clay w/ sn. peices of black obsidan	
147	152	5	Fine silty sand	Casing perforated
152	157	5	White clay	from <u>none</u> to ft.
157	160	3	White gravel	
160	161	1	White clay with gravel	
161	163	2	White sand & gravel	
163	169	6	Green sandy clay	Size of perforations
169	170	1	Green clay	
170	175	5	Green sand	
175	176	1	Green silty clay	
176	203	27	Green sandy clay w/strs solid clay & hard type gray sand	

(OVER)

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
203	203½	½	Streak of hard lime
203½	220	16½	Green silty sand & clay
220	223	3	Fine sand, dark at top, white at bottom
223	224	1	Hard sand stone w/hard lime at bottom
224	231	7	White lime
231	240	9	Pea sized fractured hard lime
240	242	2	Fine gray sand
242	246	4	Gray clay
246	250	4	Fine gray sand w/strg. of hard lime
250	252	2	Gray clay
252	253	1	Gray sand
253	255	2	Hard gray clay and gpy
255	259	4	Fine gray sand
259	261	2	Gray green clay
261	273	12	Fine wht. beach sand w/strg lime & sm. strgs of gfeen clay

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.
12 3/4	0	105	105	None
10 3/4	273	273		All casing removed from well except 5' of 12 3/4
				No perforations . Cap welded on top.

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

No chief aquifers until 147 to 150' Making approx. 15 Gal Minute.

220' to 273' Main aquifer located in fine white sand at 261'

Small water inflows in all sand zones from surface to T.D. Water at surface more salty to more fresh water at total depth.

This well was cored to the total depth and the cores are available at Foote Minerals Silver Peake office.

WELL DRILLER'S STATEMENT

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

Signed

Ed. Buehl
Well Driller

By 11-

License No. 450

Dated 11-25

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(Not to be filled in by Driller)

RECEIVED
NOV 29 1965

DIV. OF WATER RESOURCES
BRANCH OFFICE
LAS VEGAS, NEVADA