WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 2550
Rec. May 11 19 54
Well No.
Permit No.
Do not fill in

Owner U.S. Bureau Of Land Management Driller Mel Meyer Co.

Address 630 Sansome St. San Francisco, Calif. Address 190 Moana Lane Lic. No. 3

corrections by - SNAZIAN - 2/11/08

Location of well: NW ¼ SE ¼ Sec. 25, T. 41 N/S, R. 44 E, in ~~Humboldt~~ ELKO County

or Button Lake job U.S. Government Contract.

Water will be used for Stock Dry well Total depth of well 714'

Size of drilled hole 8" Weight of casing per linear foot 19# per foot

Thickness of casing 16' of 8" casing Temp. of water

Diameter and length of casing 8" ID
(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 None

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

Date of commencement of well 3-6-54 Date of completion of well 4-22-54

Type of well rig Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	15	15	Clay
15	30	15	Red ~~rock~~ rock
30	45	15	Red rock
45	50	5	Red rock
50	60	10	Red rock (hard)
60	69	9	Red rock (hard)
69	95	26	Red rock
95	120	25	Grey rock
120	125	5	Grey rock
125	130	5	Brown-getting red
130	152	22	Red rock
152	173	21	Rock turn brown harder formation
173	200	27	Red rock streaks of brown rock-hard ribs through-out formation
200	212	12	B rown rock
212	220	8	Grey rock
220	240	20	Grey rock
240	255	15	Grey rock
255	260	5	Red rock
260	275	15	Brown rock
275	280	5	Brown rock
280	290	10	Grey rock
290	300	10	Grey rock
300	305	5	Brown rock
305	315	10	B rown rock
315	320	5	Grey rock
320	335	15	Brown rock
335	415	80	Yellow hard clay and gravel

(OVER)

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from ..... to ..... ft.

Other aquifers

First water at ..... feet.

Casing perforated

from ..... to ..... ft.

Size of perforations

919

LOG OF FORMATIONS—*Continued*

From feet	To feet	Thickness	Type of material
415	420	5	Brown rock, clay and gravel
420	445	25	Brown clay, gravel and sand
445	470	25	Hard course sand and gravel
470	490	20	White sand and gravel
490	520	30	Brown course sand and gravel
520	540	20	Hard yellow clay and gravel
540	550	10	Hard red rock
550	560	10	E xtra hard red rock
560	585	25	Hard red rock
585	600	15	Red rock
600	605	5	Grey rock (hard)
605	610	5	Grey rock (hard)
610	615	5	Grey rock (hard)
615	635	20	Grey rock (hard)
635	665	30	Grey rock (hard)
665	690	25	
690	705	15	
705	714	9	Grey rock (hard)

CASING RECORD

Diam. casing	From feet	To feet	Length	"Remarks"—Seals, Grouting, Etc.

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

WELL DRILLER'S STATEMENT

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

Signed .....
Well Driller

By.....

License No.....

Dated....., 19.....

OFFICE STATE ENGINEER MAY 11 '54 RECEIVED ANG.

(Not to be filled in by Driller)

Addendum to Log No. 2550
-Swazhan-
2/11/08

JACK ALEXANDER

Drilling Contractor

510 13th St. Rupert, Idaho

WELL DRILLING
PUMP SALES
AND SERVICE

Phone 436-3267

Log on Button Lake Well, Bureau of Land Management, Contract No. 14-11-0008-1845.
Winnemucca, Nevada

Started--------May 30, 1965
Finished-------July 14, 1965

May 30---Assembled tools and cleaned well from 643 ft. to 683.4 ft.
May 31---Cleaned well from 683.4 ft. to 697 ft.
June 1---Cleaned well from 697ft. to 715 ft.--Started drilling at 715 ft. Struck water at 720 ft.--Tested the flow of water at 726 ft.--bailed the well dry--drilled well to 740 ft--tested flow of water--Produced approximately 5 G. P. M.

715---720	Red and grey tyolite (firm)
720---726	Black obsidian and quartz (broken) (struck water)
726---740	Grey and black obsidian (water) (broken)
740---780	Black obsidian and quartz and grey clay
780---801	Black obsidian and quartz and grey clay

Water stands at 682.5 ft.--Tested 7½ G. P. M. with less than 10 ft. draw down--June 2, 801 ft. of 59/16" casing installed--Casing was perforated from 720 ft. to 790 ft. Well tested 5 G. P. M. with no draw down after casing was installed.

Jack Alexander

RECEIVED
JUL 26 '65
WINNEMUCCA, NEVADA
District Mgr.
Assist. Mgr.
Administration
Lands
Planning Adm.
Forestry-Fire
RD & C
Engineering
Denio Unit
Cortach Unit
Paradise Unit
Sonoma Unit
Safety
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STATE ENGINEER'S OFFICE