Log No. 8730
Rec. Nov. 12 1965
Well No.
Permit No.
Do not fill in.

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Page 2 Contd.-LOG OF FORMATIONS ~~PLEASE COMPLETE THIS FORM IN ITS ENTIRETY~~

Owner: Geyser Ranch, Nevada Driller: Herald S. Petersen

Address: Ely, Nevada Address: Hinckley, Utah Lic. No. 462

Location of well: ....¼....¼ Sec...., T....N/S, R....E, in....County

or....

Water will be used for.... Total depth of well....

Size of drilled hole.... Weight of casing per linear foot....

Thickness of casing.... Temp. of water....

Diameter and length of casing....
(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....

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

Date of commencement of well.... Date of completion of well....

Type of well rig....

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
545	550	5	Hard Pan Conglomerate
550	555	5	Hard Pan Conglomerate
555	560	5	Combination of Rocks & Clay
560	565	5	Combination of Rocks & Clay
565	570	5	Cemented Ledges & Conglomerate
570	575	5	Cemented Ledges & Conglomerate
575	580	5	Cemented Ledges & Conglomerate
580	595	15	Cemented Conglomerate
595	600	5	Cemented Conglomerate
600	605	5	Cemented Conglomerate
605	610	5	Cemented Conglomerate
610	615	5	Cemented Conglomerate
615	620	5	Broke through small crevice
620	625	5	Cemented Ledges 4' Hard 1' Soft Clay in Layers
625	630	5	In & Out of Cemented Ledges 4' Hard 1' Soft Clay in Layers
630	635	5	In & Out of Cemented Ledges 4' Hard 1' Soft Clay in Layers
635	640	5	In & Out of Cemented Ledges 4' Hard 1' Soft Clay in Layers
640	650	10	Cemented Ledges 4' Hard 1' Soft Clay in Layers to 675
650	675	25	Hard Conglomerate all the way
675	843	168	Hard Conglomerate all the way

Complete-

(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

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.....

(Not to be filled in by Driller)

Log No. 8730
Rec. Nov. 12 1965
Well No. 19
Permit No. 21720
Do not fill in. 23531

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Geyser Ranch, Nevada Driller Herald S. Petersen

Address Ely, Nevada Address Hinckley, Utah Lic. No. 462

Location of well: NE ¼ SE ¼ Sec. 36, T. 10 N/S, R 65 E, in White Pine County

or

Water will be used for Irrigation Total depth of well 843

Size of drilled hole 14 inch. Weight of casing per linear foot 45#

Thickness of casing .351 Temp. of water 64°

Diameter and length of casing 14" Diameter 823' Length

(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 10'

If flowing well describe control works

(Type and size of valve, etc.)

Date of commencement of well 8-4-65 Date of completion of well 10-12-65

Type of well rig Bucyres Model L 36 - Cable Tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
1	6	6	Clay
6	7	1	Water
7	20	13	Clay - Black
20	56	36	Clay - Red
56	75	19	Gravel Water
75	80	5	Cement Rock
80	85	5	Gravel Water
85	90	5	Clay Rock
90	120	30	Clay
120	170	50	Clay & Rock
170	180	10	Sand & Clay
180	190	10	Clay
190	205	15	Clay - Sand
205	210	5	Sand
210	235	25	Sand & Clay
235	240	5	Sand Stone
240	260	20	Sand & Clay
260	265	5	Sand Stone
265	345	80	Clay & Gravel - Some small water
345	425	80	Clay & Rock
425	428	3	Rock- May be some water
428	435	7	Clay & Rock
435	442	7	Clay
442	455	13	Clay & Sand
455	460	5	Clay
460	465	5	Clay

(OVER)

Water-bearing Formation, Casing Perforations, etc.

Chief aquifer (water-bearing formation)

from 265 to 520 ft.

Other aquifers 56-75/80-85/170-180/555-580/620-650/

First water at 7' feet.

Casing perforated

from 820 to 40 ft.

Size of perforations

5/16 X 4

919

LOG OF FORMATIONS—Continued

From feet	To feet	Thickness	Type of material
465	470	5	Clay & Sand
470	480	10	Clay
480	485	5	Clay
485	490	5	Clay
490	495	5	Rocks & Clay
495	500	5	Sandy Clay
500	505	5	Sandy Clay
505	510	5	Sandy Clay
510	515	5	Sandy Clay
515	520	5	Sandy Clay
520	527	7	Hard Shelves Cemented
527	530	3	Hard Shelves Cemented
530	535	5	Hard Shelves Cemented
535	540	5	Hard Shelves Cemented
540	545	5	Hard Shelves Cemented

continued on page 2

CASING RECORD

Diam. casing	From feet	To feet	Length	REMARKS—Seals, Grouting, etc.
14"	0	823	823	

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

Pump setting 250' 8" & 12" - Pumped 24 hours 2,000 GPM gas in water below 90' drawdown.

WELL DRILLER'S STATEMENT

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

Signed Herald S. Peterson
Well Driller

By.....

License No. 462

Dated 11-1, 1965

(Not to be filled in by Driller)