On this Van Slyck well we were trying to obtain cold water and still construct a well which would yield sufficient domestic water.

This well lays in a hot water zone which can be traced west to the old Frey ranch, Landis ranch, Wheeler ranch and the old Golf Links course.

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 608
Rec. 8/24 1948
Well No.
Permit No.
*Do not fill in*

Owner: Ashley Van Slyck — Driller: J. C. Faretto & Son

Address: Route 1 Box 122, Reno, Nev. — Address: 736 Humboldt St. Reno, Nev. — Lic. No. 2

Location of well: SE ¼ NW ¼ Sec. 25, T. 19 N/8, R. 19 E, in Truckee Meadows, Washoe County

or Turn south from Moana Lane about 2112 ft. on Lane est of Moana Springs.

Water will be used for: Domestic — Total depth of well: 77 ft.

Size of drilled hole: 6 inch — Weight of casing per linear foot: 19.18

Thickness of casing: .280 of an inch — Temp. of water: 72° bailed at 20 gal. per minute.

Diameter and length of casing: 6" inside diameter. 11'-03" to 10'-08" lengths.
(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: 7'-02"

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

Date of commencement of well: August 11, 1948. — Date of completion of well: August 17, 1948.

Type of well rig: Cable Tool Rig. 500 ft. Keystone Type Rig.

## LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|
| 0 | 6 | 6 | Hardpan. |
| 6 | 20 | 14 | Coarse sand + rocks with yellow soil. Loose. |
| 20 | 35 | 15 | Coarse sand with yellow soil. Loose. |
| 35 | 36 | 1 | Fine to medium clean sand. 1st. water. Water level 11'-06". Temperature 72°. Little water. |
| 36 | 39 | 3 | Fine to medium sand with yellow soil. Loose. Little water. |
| 39 | 40 | 1 | Yellow clay. Soft. No water. |
| 40 | 45 | 5 | Coarse sand + gravel, pebbly with yellow red clay. Soft. Little water. |
| 45 | 50 | 5 | Red yellow clay. Soft. No water. |
| 50 | 56 | 6 | Blue clay. Hard, sticky. No water. |
| 56 | 57 | 1 | Water strata. Little water. |
| 57 | 65 | 8 | Blue clay. Hard, sticky. No water. |

(OVER)

**Water-bearing Formation, Casing Perforations, Etc.**

Chief aquifer (water-bearing formation)

from 77 to 77 ft.

Other aquifers: 65 to 72 ft.
40 to 45 ft.
35 to 36 ft.
36 to 39 ft.
56 to 57 ft.

First water at 35 feet.

Casing perforated

from 35 to 39 ft.
" 40 " 45
" 56 " 57
" 67 " 70

Size of perforations
3/8" x 1½"

LOG OF FORMATIONS—*Continued*

| From feet | To feet | Thickness | Type of material |
|---|---|---|---|
| 65 | 72 | 7 | Coarse sand + gravel with yellow clay. Soft. Little water. Temperature 84°. Water level 11'-06". |
| 72 | 77 | 5 | Cemented gravel, conglomeration of clay. Hard. No water. |
| 77 | 77 | 0 | A little fine sand, coarse sand + gravel, pebbly, small stones. Little water. Temperature 92°. Water level 6'-00" |

CASING RECORD

| Diam. casing | From feet | To feet | Length | "Remarks"—Seals, Grouting, Etc. |
|---|---|---|---|---|
| 6" | 0 | 76'-05" | 76'-05" | Standard Black Pipe. One collar screw coupling, one collar blank coupling "arc" welded etc. Short pattern casing shoe, threaded type. Casing perforated with a Mills Perforator. |

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

35 to 39 ft. strata granite sand. 40 to 45 ft. strata red, brown, light colored sand, gravel + pebbles. 65 to 72 ft. strata red, brown, light + black colored sand + gravel. 77 ft. strata granite + black colored sand gravel + rocks. Bailer test 20 gal. per minute 7 ft. drawdown. Water has no turbidity. Approximate water hardness 25 ppm (Lux Soap).

WELL DRILLERS STATEMENT

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

Signed J. C. Farette & Son
Well Driller

By Harold J. Farette

License No. 2

Dated August 21, 1948

(Not to be filled in by Driller)