

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA



Log No. 3317
 Rec. Feb 9 19 55
 Well No. _____
 Permit No. _____

Do not fill in

Owner Gamble Ranches, Inc. Driller A.E. Hosack & Son
 Address Montello, Nevada Address Nampa, Idaho Lic. No. 62
 Location of well: ^{NW SW 14} ¹⁴ ⁶⁹
~~SW~~ ^{NE} $\frac{1}{4}$ ~~SE~~ $\frac{1}{4}$ Sec. 33, T. 40N / S R. 20E, in Elko County
 or 2400 ft. North of Warm Springs
 Water will be used for Irrigation & Stock Water Total depth of well 542'
 Size of drilled hole 16" Weight of casing per linear foot 42 #
 Thickness of casing $\frac{1}{4}"$ Temp. of water 67
 Diameter and length of casing 16" diameter x 72'
 (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 30"
 If flowing well describe control works _____
 (Type and size of valve, etc.) _____
 Date of commencement of well Sept. 9, 1955 Date of completion of well Dec. 3, 1955
 Type of well rig Spudder

LOG OF FORMATIONS

| From feet | To feet | Thickness feet | Type of material |
|-----------|---------|----------------|------------------------|
| 0 | 8 | 8 | Dirt |
| 8 | 17 | 9 | Coarse gravel |
| 17 | 21 | 4 | Gray clay |
| 21 | 26 | 5 | Fine gravel |
| 26 | 34 | 8 | Coarse gravel |
| 34 | 37 | 3 | Gray sandy clay |
| 37 | 45 | 8 | Black mud |
| 45 | 52 | 7 | Gray sandy clay |
| 52 | 59 | 7 | Mixed gravel and sand |
| 59 | 67 | 8 | Boulders and sand |
| 67 | 132 | 65 | Light green-tan clay |
| 132 | 148 | 16 | White clay with gravel |
| 148 | 178 | 30 | Gray-green clay |
| 178 | 202 | 24 | Cemented gravel |
| 202 | 247 | 45 | Light tan clay |
| 247 | 249 | 2 | Cemented gravel |
| 249 | 523 | 274 | Blu-gray clay |
| 523 | 542 | 19 | Gray limestone |

Water-bearing Formation, Casing Perforations, Etc.

Chief aquifer (water-bearing formation)

from 8 to 17 ft.

Other aquifers _____

21 - 34 ft

52 - 67 ft

First water at 8 feet.

Casing perforated

from 8 to 66 ft.

Size of perforations

$\frac{1}{4}"$ x 3"

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. |
|-------------|-----------|---------|--------|----------------------------------|
| 16" | 0' | 72' | 72' | Sealed at bottom with heavy clay |

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

Pumped 680 gallons per minute with 65' drawdown on a 8 hour pumping test.
 Water slightly alkaline.
 All water found in well was above 68'.

WELL DRILLER'S STATEMENT

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

Signed A. E. Hosack & Son
 Well Driller

By Clifford E. Hosack

License No. 62

Dated Jan. 12, 1956

(Not to be filled in by Driller)

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OFFICE
 STATE ENGINEER