Log No. 9128
Rec. Aug. 17, 1966
Well No.
Permit No. 20994
Do not fill in

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

**PLEASE COMPLETE THIS FORM IN ITS ENTIRETY**

Owner CATHERN HARDEN Driller HARDEN & Co.

Address RT. 1 BOISE, IDAHO Address RT. 1 BOISE, 83709 Lic. No. 44

Location of well: NE¼ NE¼ Sec. 18, T. 8 N/S, R. 62 E, in NYE Count

Permit No. 20994

Water will be used for IRRIGATION & DOMESTIC Total depth of well 1132

Size of drilled hole 12 INCH Weight of casing per linear foot 29.3

Thickness of casing 0.219 INCH Temp. of water 56°

Diameter and length of casing 12 3/4 OD. × 20 FT.
(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 S.L. 60' 69' 69' 70.5' 71' 72.2' 78.7' 85'

If nonflowing well give depth of standing water from surface DEPTH OF HOLE 85' 517' 605' 621' 657' 729' 856' 1132

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

Date of commencement of well DEC. 24, 1963 Date of completion of well MAR 25, 1966

Type of well rig CABLE TOOL

## LOG OF FORMATIONS

| COLOR | From feet | To feet | Thickness feet | Type of material |
|---|---|---|---|---|
| BROWN | 0 | 3 | 3 | SOIL |
| | 3 | 15 | 12 | GRAVEL: COARSE, DIRTY |
| | 15 | 16 | 1 | SILT: |
| | 16 | 24 | 8 | GRAVEL: CLAYEY |
| | 24 | 26 | 2 | SILT: |
| | 26 | 40 | 14 | GRAVEL: DIRTY, POORLY SORTED |
| | 40 | 85 | 45 | SILT: GRAVELLY, W/ CALICHE & COBBLE |
| | 85 | 135 | 50 | SILT: SANDY, W/ SOME GRAVEL |
| | 135 | 447 | 312 | SILT: W/ THIN STREAKS OF SAND & GRAVEL & ALTERNATELY HARD LAYERS OF COBBLES & GRAVEL |
| TAN | 447 | 517 | 70 | SILT: SAME AS ABOVE - SLIGHT COLOR CHANGE |
| | 517 | 520 | 3 | TALC: |
| | 520 | 599 | 79 | SILT: SANDY, W/ LAYERS COBBLE CONG. |
| | 599 | 621 | 22 | CLAY: STICKY |
| | 621 | 630 | 9 | SILT: LAYERS OF SANDY & GRAVELLY |
| | 630 | 639 | 9 | CLAY: STICKY |
| | 639 | 657 | 18 | SILTY SAND & SANDY SILT LAYERS |

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

Chief aquifer (water-bearing formation)

from 85 to 125 ft

Other aquifers 159 - 162
183 - 185
218 - 222
370
422
424
427
445 - 447
455
541 etc

First water at 85 feet.

Casing perforated

from to ft.

Size of perforations

OPEN HOLE COMPLETION

## LOG OF FORMATIONS—Continued

| COLOR | From feet | To feet | Thickness | Type of material |
|---|---|---|---|---|
| | 657 | 662 | 5 | CONGLOMERATE: SAND, GRAVEL, COBBLE MIX W/ CLAY BINDER |
| N | 662 | 671 | 9 | CLAY: STICKY |
| | 671 | 686 | 15 | CONG.: |
| | 686 | 692 | 6 | CLAY: STICKY |
| | 692 | 712 | 20 | CONG.: |
| | 712 | 1103 | 391 | CONG. / CLAY: ALTERNATING LAYERS W/ OCCASIONAL BOULDER |
| | 1103 | 1132 | 29 | CONG. / CLAY: SIMILAR, BUT W/ COLOR DIFFERENCE |

## CASING RECORD

| Diam. casing | From feet | To feet | Length | REMARKS—Seals, Grouting, etc. |
|---|---|---|---|---|
| 12 3/4 OD | 0 | 20 | 20 | |

## GENERAL INFORMATION—Pumping Test, or Boiling Test, Quality of Water, etc.

WELL PRODUCES 300 GPM FROM 150 FOOT PUMPING DEPTH
NICE CLEAR WATER.

## WELL DRILLER'S STATEMENT

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

Signed HARDEN & Co
Well Driller

By Hugh Harden

License No. 44

Dated AUGUST 13, 1966

**(Not to be filled in by Driller)**