

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Log No. ~~6791~~ 6863  
 Rec. Sept. 17 19 62  
 Well No. \_\_\_\_\_  
 Permit No. 19378

*Do not fill in  
 basin 153*

Owner Lloyd Kelly Driller Ranch Irrigation & Supply Co.

Address Grand Island, Nebraska Address Elko, Nevada Lic. No. 321

Location of well: <sup>Center</sup> ~~1/4 NE~~ 1/4 Sec. 34, T21 N/S, R53 E, in Eureka County  
 or Diamond Valley N 39.647220 W 115.996578 N4027

Water will be used for irrigation Total depth of well 126 ft.

Size of drilled hole 22" Weight of casing per linear foot 700 lbs

Thickness of casing 5" Temp. of water 58°

Diameter and length of casing 17" inside 22" outside 126 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 none

If nonflowing well give depth of standing water from surface 59 ft 6 inches

If flowing well describe control works None  
(Type and size of valve, etc.)

Date of commencement of well August 27, 1962 Date of completion of well August 28, 1962

Type of well rig Reverse Circulation Drilling

### LOG OF FORMATIONS

| From feet                      | To feet | Thickness feet | Type of material              | Water-bearing Formation, Casing Perforations, Etc.                          |
|--------------------------------|---------|----------------|-------------------------------|---|
| 0                              | 4       | 4              | Surface soil                  |   |
| 4                              | 23      | 19             | Sand & clay                   |   |
| 23                             | 50      | 27             | Sand, gravel & clay stringers |   |
| 50                             | 67      | 17             | Fine sand & gravel            | Chief aquifer (water-bearing formation)<br>from <u>90</u> to <u>126</u> ft. |
| 67                             | 89      | 22             | Clay, fine sand               |   |
| 89                             | 98      | 9              | Sand & gravel                 | Other aquifers.....<br><u>50 to 67</u>                                      |
| 98                             | 115     | 17             | Sand & gravel coarse          |   |
| 115                            | 126     | 11             | Clay, fine sand               |   |
| <i>plugged under NOI 62320</i> |         |                |                               |   |
|                                |         |                |                               | First water at <u>59</u> feet.  |
|                                |         |                |                               | Casing perforated<br>from <u>90</u> to <u>126</u> ft.                       |
|                                |         |                |                               | Size of perforations<br><u>3/16" factory concrete</u>                       |

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.                     |
|--------------|-----------|---------|--------|---|
| 17" inside   |           |         |        |   |
| 22" outside  | 0         | 126     | 126    | Gravel packed with washed, graded and select gravel |

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

Water level at time of pumping 59 ft 6 inches

100 ft 2100 gpm

92 ft 1580 gpm

88 ft 1350 gpm

82 ft 1092 gpm

WELL DRILLER'S STATEMENT

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

Signed Ranch Irrigation & Supply Co.  
Well Driller

By Kenneth E. Griffith, Mgr.

License No. 321

Dated Sept. 13, \_\_\_\_\_, 1962

Contractor No's 6180 & 6559

(Not to be filled in by Driller)

STATE ENGINEER  
1962 SEP 17 AM 11 03