

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 8264  
 Rec. Feb 18 1966  
 Well No. 1  
 Permit No. 23180  
 Do not fill in.

PLEASE COMPLETE THIS FORM IN ITS ENTIRETY

Owner Dr. James Matthews Driller Danell Free  
 Address Lubbock, Texas Address Ranaca, Nevada Lic. No. 30  
 Location of well: W. 1/2 1/4 Sec. 30, T. 10 N/8, R. 61 E, in Nye County  
 or.....  
 Water will be used for Irrigation Total depth of well 400'  
 Size of drilled hole 16" 200' - 12" 200' Weight of casing per linear foot.....  
 Thickness of casing 1/4" Temp. of water.....  
 Diameter and length of casing 16" O.D. 200' 7"  
(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 20'  
 If flowing well describe control works.....  
(Type and size of valve, etc.)  
 Date of commencement of well January 17, 1966 Date of completion of well January 31, 1966  
 Type of well rig Cable Tool

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material
0	16	16	soil - heavy
16	48	32	sand in clay
48	50	2	gravel
50	82	32	gravel in clay
82	154	72	clay - blue with layers of sand
154	168	14	clay - grey
168	200	32	clay - green with layers of sand
200	400	200	clay - grey with layers of fine sand

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

Chief aquifer (water-bearing formation)

from 48' to 50' ft.

Other aquifers.....

First water at 35' feet.

Casing perforated

from 40' to 80' ft.  
80' to 120' plain - 120' to 160' perforated  
160' to 180' plain - 180' to 200' perforated

Size of perforations

1/4" x 10"

