

# WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 4091  
 Rec. June 29 1958  
 Well No. ....  
 Permit No. 15782  
*Do not fill in*

Owner Smith Brothers Driller Paul Smith  
 Address Ox Ranch, Ruby Valley, Nev. Address Ruby Valley, Nev. Lic. No. ....  
 Location of well: N. 1/4 N. 1/4 Sec. 16., T. 30. N. S., R. 59. E., in 2140 County  
 or S. 55° 08' E. 94.25' feet from N.W. corner section 8, T. 30. N. R. 59. E. M. D. B. 4 M.  
 Water will be used for irrigation Total depth of well 240'  
 Size of drilled hole 4 3/16" Weight of casing per linear foot 10 lbs per ft  
 Thickness of casing 3/16" Temp. of water 41°  
 Diameter and length of casing 4" DIA. 240' length  
 (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 100 C.F.S.  
 If nonflowing well give depth of standing water from surface -  
 If flowing well describe control works 4" ball type check valve  
 (Type and size of valve, etc.)  
 Date of commencement of well Aug. 10, 54 Date of completion of well Oct. 10, 54  
 Type of well rig hammer type

### LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
1'	5'	5'	Top soil	
5'	25'	20'	White clay	Chief aquifer (water-bearing formation) from <u>196'</u> to <u>240'</u> ft.
25'	30'	5'	Sand	Other aquifers <u>56' to 67'</u>
30'	56'	26'	Blue clay	
56'	62'	6'	pink sand + gravel	First water at <u>208</u> feet.
62'	66'	4'	course sand + gravel	Casing perforated from <u>210</u> to <u>238</u> ft.
66'	67'	10'	pink sand + gravel	
67'	142'	75'	Blue clay	Size of perforations <u>1/8" x 4"</u>
142'	162'	20'	pink sand + gravel	
162'	186'	24'	Blue clay	
186'	196'	10'	pink sand	
196'	208'	12'	course sand	
208'	240'	32'	sand + gravel	



