

WELL LOG AND REPORT TO THE STATE ENGINEER OF NEVADA

Log No. 9225
 Rec. Mar 7 1966
 Well No. _____
 Permit No. 23985
Do not fill in

Owner Elko City Driller W. H. Muth

Address _____ Address P. O. Box 307 Elko Lic. No. 3473

Location of well: SE 1/4 SE 1/4 Sec. 3, T 34N/S, R 53E, in Elko County
 or well # 20

Water will be used for city water supply Total depth of well 500 ft

Size of drilled hole 18" Weight of casing per linear foot approx. 40#

Thickness of casing 1/2" Temp. of water cold

Diameter and length of casing 14" and 500'
 (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 110'

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

Date of commencement of well 8/2/66 Date of completion of well 10/14/66

Type of well rig cable tool

LOG OF FORMATIONS

From feet	To feet	Thickness feet	Type of material	Water-bearing Formation, Casing Perforations, Etc.
	5 ft	5 ft	yellow clay	
5	20	15 ft	clay and gravel mixed	
20	88	68	gravel, sand and clay	Chief aquifer (water-bearing formation)
88	94	6 ft	rocks	from <u>216</u> to <u>230</u> ft.
94	110	16 ft	yellow clay	to <u>245</u> ft.
110	130	20 ft	gravel	Other aquifers _____
130	194	64 ft	gravel, sand & clay mixed	
194	200	6 ft	gravel	
200	216	16 ft	sandy clay	
216	230	14 ft	gravel	
230	275	45 ft	sand	
275	278	3 ft	gravel	
278	339	61 ft	sandy clay	
339	345	6 ft	gravel (red)	First water at <u>110</u> feet.
345	372	27 ft	sandy clay (brown)	
372	380	8 ft	gravel and clay mixed	
380	500	120 ft	brown sand	Casing perforated from <u>100</u> to <u>500</u> ft.
				Size of perforations <u>1/8 x 2 1/2 "</u>

