

Log # 10311  
Permit 22444  
50351

Bartlet Creek Well Log for Well #1 Prepared From  
Drilling Samples by the University of Nevada

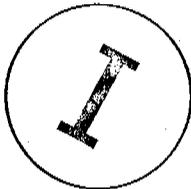
August, 1964

Well Drilled by C. V. Enloe

PERMIT #22444

LOCATION OF WELL:

S. E.  $\frac{1}{4}$  of the N. E.  $\frac{1}{4}$ , Sec. 17, T 41 N, R 28 E, M.D.B.M. at a point from which the E  $\frac{1}{4}$  corner of Sec. 16, T 41 N, R 28 E, M.D.B.M. bears S. 77° 5' 52" E., 5865'.

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- 10'-20' \_\_\_ Very coarse sand and rounded gravel. 50% basalt chips.
- 20'-30' \_\_\_ As above. 25% sand, 75% rounded gravel and chips.
- 30'-40' \_\_\_ As above. Rounded gravel to 3/4". Mostly rhyolite.
- 40'-50' \_\_\_ Coarse to very coarse sand 75%. Well rounded gravel to 3/4" 25%.  
Little clay and fine sand.
- 50'-60' \_\_\_ As above but less gravel.
- 60'-70' \_\_\_ Medium to coarse, angular sand. Little or no clay.
- 70'-80' \_\_\_ 60% angular to rounded gravel to 1/2". 40% basalt chips. No clay  
or sand.
- 80'-90' \_\_\_ Medium to very coarse, subangular sand; 80%. Subrounded gravel and  
chips to 1/4"; 20%. No clay in sample.
- 90'-100' \_\_\_ 10% brown clay, 15% coarse sand, 75% subrounded gravel to 1/2" and  
chips.
- 100'-110' \_\_\_ Same as 90'-100'.
- 110'-120' \_\_\_ Same as 90'-100'.
- 120'-130' \_\_\_ Coarse, angular to subrounded gravel 1/4" to 3/4". No sand or clay  
in sample.
- 130'-140' \_\_\_ Same as above. Coarse rhyolite and basalt gravel and chips.
- 140'-150' \_\_\_ Same as 120'-130'.
- 150'-154' \_\_\_ Same as 120'-130'.
- 154'-160' \_\_\_ Sand.
- 160'-170' \_\_\_ Coarse to very coarse sand; 90%. Gravel and chips to 1/4"; 10%.
- 170'-175' \_\_\_ Yellow-brown clay and gravel to 3/4".
- 175'-180' \_\_\_ Sand.
- 180'-190' \_\_\_ Same as 170'-175'. Boulder at 188'.
- 190'-200' \_\_\_ Same as 170'-175'.

- 200'-210' \_\_\_ Same as 170'-175'.
- 210'-220' \_\_\_ Chips of white, powdery, volcanic ash; 75%. Medium to coarse sand; 5%. Chips and subrounded gravel; 20%. Trace of yellow-brown clay.
- 220'-230' \_\_\_ Same as 210'-220'.
- 230'-240' \_\_\_ White ash; 40%. Red ash; 60%
- 240'-250' \_\_\_ Same as 230'-240'.
- 250'-260' \_\_\_ Same as 230'-240' but 75% red ash and a trace of gravel.
- 260'-270' \_\_\_ White ash; 10%. Grey cinders in chips to 1/2"; 90%.
- 270'-280' \_\_\_ Yellow-brown silty clay with a trace of white ash and cinders.
- 280'-290' \_\_\_ Clay; 50%. Very coarse sand and gravel to 1/4"; 50%. Trace of white ash and cinders.
- 290'-300' \_\_\_ Brown clay; 80%. Sand and cinders; 20%.
- 300'-310' \_\_\_ Cinders; 70%. Yellow-white ash; 20%. Brown clay; 10%.
- 310'-320' \_\_\_ Brown silty clay; 90%. Cinders and ash; 10%.
- 320'-330' \_\_\_ Brown silty clay; 50%. Medium to coarse sand; 30%. Cinders and ash; 20%.
- 330'-340' \_\_\_ Brown silty clay; 20%. Coarse to very coarse sand and gravel and chips; 80%.
- 340'-350' \_\_\_ Same as 330'-340'.
- 350'-360' \_\_\_ Same as 330'-340' but more brown clay.
- 360'-370' \_\_\_ Same as 350'-360'.
- 370'-380' \_\_\_ Same as 350'-360'.
- 380'-390' \_\_\_ Same as 350'-360' but gravel size includes about 20% white ash granules.
- 390'-400' \_\_\_ Same as 350'-360' but 80% coarse to very coarse sand; no gravel.
- 400'-410' \_\_\_ Brown clay; 20%. Coarse to very coarse sand; 30%. Gravel to 1/4"; 30%. White ash; 20%.
- 410'-420' \_\_\_ Same as 400'-410' but less gravel.

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- 420'-430' \_\_\_ Brown, silty clay; 30%. Medium to coarse sand; 70%.
- 430'-440' \_\_\_ Same as 420'-430' but 40% sand and 30% rounded gravel to 1/2".  
White ash and basalt chips.
- 440'-450' \_\_\_ Same as 430'-440'.
- 450'-460' \_\_\_ Brown, silty clay; 60%. White ash and chips; 40%.
- 460'-470' \_\_\_ Yellow-brown, silty clay; 95%. White ash and basalt chips; 5%.
- 470'-480' \_\_\_ Same as 460'-470' but less clay and more white ash.
- 480'-490' \_\_\_ Same as 470'-480'.
- 490'-500' \_\_\_ Same as 470'-480'.
- 500'-510' \_\_\_ Same as 470'-480'.
- 510'-520' \_\_\_ Same as 470'-480'.
- 520'-530' \_\_\_ Same as 470'-480', with about 10% cinders.
- 530'-540' \_\_\_ Same as 520'-530'.
- 540'-550' \_\_\_ Same as 460'-470'.
- 550'-560' \_\_\_ Same as 460'-470'.
- 560'-570' \_\_\_ Same as 460'-470'. Some chips (pink rhyolite and basalt) to 1/2".
- 570'-580' \_\_\_ Same as 460'-470'.
- 580'-590' \_\_\_ Same as 460'-470'.
- 590'-600' \_\_\_ Brown silty clay; 50%. Medium to coarse sand; 40%. Rounded gravel; 10%.
- 600'-610' \_\_\_ Same as 590'-600' but with 15% white ash fragments to 3/4".

Casing - 1/4" steel 0-560' bottom filled w/  
gravel pack material 16" dia, 42 #/ft.

Drilled hole 24"