

FORMATION RECORD

Give name, top, bottom and description of all formations encountered, and indicate oil, gas and water bearing intervals, cored sections and drill stem tests.

FORMATION NAME	TOP	BOTTOM	DESCRIPTION AND REMARKS
Niobrara	660	2656	Shale
Carlile	2656	2910	Shale
Frontier	2910	3332	Sand
Mowry	3332	3440	Shale
Muddy Zone	3440	3509	Sand
Dakota	3509	3575	Sand
Lakota	3575	3648	Sand
Entrada	3648	4092	Sand
T. D.	4367		
			<p><u>DST #1 - 2101-2180</u> Initial closed in time 30 min. Open 2 hrs., 4 min. closed in 30 min. Opened w/fair blow for 6 min., decreased to weak and steady thru test. Recovered 20' mud; IHP...1186#, ISIP...95#, IFP...20#, FSIP...55#... FFP...20# FHP...1186#</p> <p><u>DST #2 - 4094-4103</u> Initial closed in time 30 min. Open 1 hr., final closed in time 15 min. Weak blow, died in 5 min. Recovered 10' mud. IHP...2188#, ISIP...1740#, IFP...0, FFP...0, FSIP...1570#, FHP...2152#</p> <p><u>DST #3 - 4109-4200</u> Initial closed in time 30 min. Open 1 hr., final closed in time 15 min. Open with moderately strong blow decreasing to fair at end of test (Packer leaked intermittently first 15 min. of open period). Recovered 930' of mud with no show or water. IHP...2256#, ISIP...1912#, IFP...55#, FFP...410#, FSIP...1480#, FHP...2220#</p> <p><u>Core #1 - 4200-4250</u></p>