

FORMATION RECORD

Formation	Top	Bottom	Remarks
Electric Log Tops:			
Niobrara	4100		
Ft. Hays	4517		
Coddal	4554		
Greenhorn	4634		
Graneros	4720		
Upper Muddy	4970		
Muddy	5017		
TD	5161		
PBD	5133		
Core #1	5017	5069	Rec. 50'
Core #2	5069	5129	Rec 60'
DST #1	5098	5102	Rec. 300' gas in DP, 5' free oil, 100' muddy water
DST #2	5089	5093	Misrun
DST #3	5089	5093	Rec. 12' gas cut drilling mud
Perforated	5097	5106	4 jets per foot
	5088	5094	4 jets per foot
Set Bridging Plug at 5083 12-7-55.			
Perforated	5058	5074	4 shaped charges per foot
Drilled out Bridging Plug 12-11-55.			
Cement Squeeze			Set packer at 5028.
12-11-55			Broke down formation w/15 BW. Mixed 50 sx cement w/150 sx low water loss cement and 8 lb per sx Tuf Plug. Cleared packer and perforations w/11 BW.
Cement Squeeze			Packer set at 5028. Mix and pump 200 sx cement plus 8 lb per sx Tuf Plug. Drilled cement and GO to 5133.
12-14-55			
Perforate	5097	5099	4 shaped charges per foot.
12-15-55			
Oil Squeeze			Squeeze perf 5098-5100 w/120 BO.
12-18-55			

(Continued on back side of second sheet.)