

Drill Stem Test	11478	11526	Lower Penn., 2 packers, 1 hr. 35 min. 5/16" BHC and 1" SC, 2070' WC, Rec. 2070' WC, 400' drlg. mud, slightly gas out, no oil, BHFP 1125-1225#, 15 min. S-I BHP no record, MH 6200-6190#
Lime, sand and shale	11526	11553	
Cherty lime and shale	11553	11563	
Lime, chert and shale	11563	11569	
Shale and lime	11569	11580	
Cherty shale, sand and lime	11580	11589	
Lime, shale and sand	11589	11603	
Lime and shale	11603	11617	
Lime, shale and sand	11617	11642	
Lime and shale	11642	11668	
Sand and shale	11668	11680	
Lime and shale	11680	11722	
Shale and chert	11722	11732	
Lime and shale	11732	11773	1/4" @ 11755
Drill Stem Test	11758	11773	(Rotary Engineers gas kick) Lower Penn., 2 packers, 1 hr. 5/8" BHC and 1" SC, 1530' WC, Rec. 1530' WC, 60' slightly gas out drlg. mud, BHFP 825-890#, 15 min. S-I BHP no record, MH 6500-6300#.
Lime and shale	11773	11902	
Lime, shale and sand	11902	11940	Drlg. break 11920-11940, 7-8 MPF
Attempted Drill Stem Test	11920	11940	Lacking 3 stands in hole, something failed, pulled to check pipe and tool.
Drill Stem Test	11920	11943	Lower Penn. 2 packers, 1 hr. 5/8" BHC and 1" SC, 1602' WC, Rec. 1602' WC and 60' drlg. mud, no shows, BHFP 900#, 15 min. S-I BHP no record, MH 6490-6390#
Lime, shale and sand	11940	11964	
Shale and lime	11964	11975	
			<u>Tentative top Mississippian 11965'</u>
Lime, shale and sand	11975	12031	
Lime and shale	12031	12042	
Lime, shale and sand	12042	12098	Circ. for samples @ 12048 in Miss. for 5-1/2 hrs. no shows. 1/2" @ 12070
Sand and chert	12098	12071	
Lime, shale and sand	12071	12096	
Lime and shale	12096	12103	
Lime, shale, chert and sand	12103	12139	
Shale, lime and chert	12139	12141	
Lime, sand and shale	12141	12174	Circ. for samples @ 12154 for 2 hrs. no shows. 1/4" @ 12335
Lime and shale	12174	12373	Circ. for samples @ 12290 for 3-1/4 hrs. no shows. Circ. for samples @ 12348 for 2-1/2 hrs. no shows.
Lime, shale and chert	12373	12377	
Lime and chert	12377	12407	
Lime	12407	12408	
Lime and chert	12408	12442	
Lime and shale	12442	12444	
Chert	12444	12445	
Chert and lime	12445	12530	
Lime	12530	12538	
Lime and chert	12538	12545	
No formation logged	12545	12583	Circ. for samples @ 12559 for 2 hrs. no shows. 1/4" @ 12670
Lime and chert	12583	12745	
Lime and shale	12745	12761	
Lime and chert	12761	12774	
Lime and shale	12774	12813	1-1/4" @ 12780
Lime	12813	12826	