

Line	9989	10000	
No formation logged	10000	10022	Trace edge porosity, trace fluorescence.
Drill Stem Test	9972	10022	Permo Penn. 2 packers, 1 hr. 5/8" BHC and 1" SC, No WC, Rec. 210' drlg. mud, no shows, BHFP Q#, 15 min. S-I BHP Q#, HH 4650-4600#.
No formation logged	10022	10049	
Shale and lime	10049	10071	
No formation logged	10071	10108	
Lime	10088	10133	
No formation logged	10133	10163	
Lime and shale	10163	10188	
Lime	10188	10204	1/4° @ 10200
Lime and shale	10204	10217	Trace porosity and fluorescence 10200-10217
Drill Stem Test	10200	10217	Permo Penn. 2 packers, 1 hr. 10 min. 5/8" BHC and 1" SC, No WC, Rec. 30' drlg. mud, no shows, BHFP Q#, 15 min. S-I BHP Q#, HH 5650-5750#.
No formation logged	10217	10236	
Lime and shale	10236	10257	
Lime	10257	10270	
No formation logged	10270	10293	
Lime and shale	10293	10322	
Lime	10322	10340	
No formation logged	10340	10366	
Lime and shale	10366	10390	
No formation logged	10390	10417	
Lime and shale	10417	10460	
Lime	10460	10463	1° @ 10463
Lime and shale	10463	10515	
No formation logged	10515	10547	
Shale and lime	10547	10675	
Shale	10675	10695	1-1/2° @ 10695
Lime and shale	10695	10719	1-3/4° @ 10719
Shale	10719	10769	1-3/4° @ 10756
Lime and shale	10769	10892	2° @ 10789
Lime	10892	10900	
Lime and shale	10900	10930	
Lime	10930	10944	
Lime and shale	10944	10957	
Lime	10957	10987	
Lime and shale	10987	11021	
Lime and chert	11021	11027	
Lime and shale	11027	11039	
Chert and lime	11039	11046	1-1/2° @ 11040
Lime	11046	11060	
Lime and shale	11060	11073	
Sandy lime and shale	11073	11084	
Lime	11084	11105	
Lime and shale	11105	11150	1° @ 11110
Lime	11150	11168	Trace porosity 11148-11168 by samples.
Drill Stem Test	11148	11168	Lower Penn. 2 packers, 1 hr. 5/8" BHC and 1" SC, No WC, Rec. 20' drlg. mud, no shows, BHFP Q#, 15 min. S-I BHP Q#, HH 5300-5200#.
Lime and shale	11168	11268	1° @ 11200, 1-1/4° @ 11268
Lime	11268	11287	
Lime and shale	11287	11365	
Sand and lime	11365	11370	
Lime	11370	11387	
Lime and shale	11387	11473	
Lime	11473	11490	Circ. for samples in Lower Penn. @ 11490 for 1-1/2 hrs. no shows.
Lime and shale	11490	11540	1-1/2° @ 11500
Shale	11540	11551	1-1/2° @ 11551
Lime and shale	11551	11621	
Sandy lime	11621	11629	
Lime and shale	11629	11649	1-3/4° @ 11640
Shale	11649	11665	

