

HH 5400-5250#.

Lime	10541	10543	
8-3/4" Dia. core Permo Penn	10543	10564	Rec. 21', Finely crystalline brown fusulinid limestone.
Lime	10564	10609	
Lime, shale and chert	10609	10618	2° @ 10616
Chert	10618	10631	
Chert, and sandy lime	10631	10641	1-1/4° @ 10639
Lime	10641	10661	
Lime and shale	10661	10685	
Lime	10685	10692	
Lime and chert	10692	10700	
Chert	10700	10709	
Lime and chert	10709	10719	1-1/2° @ 10717 Edge porosity 10700-10719 by samples.
Drill Stem Test	10699	10719	Permo Penn, 2 packers, 1 hr. 5/8" BHC and 1" SC, 1925' WC, Rec. 360' drlg. mud, no shows, oil, gas or water, and 1925' WC, BHFP 1000-1000# 15 min. 8-I BHP 1000# HH 5500-5300#
Lime and chert	10719	10739	
Lime and shale	10739	10856	1-3/4° @ 10800
Lime, shale and chert	10856	10868	
Chert	10868	10875	
Lime and chert	10875	10900	
Lime and shale	10900	10940	2° @ 10928
No formation logged	10940	10944	Trace fluorescence and edge porosity 10931-10944 by samples in Permo Penn.
Drill Stem Test	10929	10944	Permo Penn, 2 packers, 3 hrs. 5/8" BHC and 1" SC, 2070' WC, Gas 1 hr. 10 min. Too small to measure, Rec. 100' free oil, Gravity 40° @ 60°, 2070' slight oil and gas cut WC, and 360' slightly oil and gas cut drlg. mud, BHFP 985- 1045#, 15 min. S-I BHP did not record, HH 5515-5455#.
No formation logged	10944	10947	
8-3/4" Dia. core Permo Penn	10947	10957	Rec. 9-1/2', Gray fractured shale.
Shale	10957	10999	
Shale and lime	10999	11126	
Shale	11126	11169	
Shale and lime	11169	11251	
Drill Stem Test	11204	11251	Permo Penn, 2 packers, 1 hr. 5/8" BHC and 1" SC, 1980' WC, Rec. 30' drlg. mud, no shows, and 1980' WC, BHFP 900- 900#, 15 min. S-I BHP 1300#, HH 5600- 5500#.
			Gas show picked by Rotary Engineers.
Lime and shale	11251	11291	
Lime	11291	11323	
Lime and shale	11323	11342	2° @ 11335
Lime	11342	11404	2-3/4° @ 11400
Lime and shale	11404	11443	
Lime	11443	11480	2-1/4° @ 11460
			11454-11480 trace pin point porosity, good fluorescence.
			Gas kick picked by Rotary Engineers.

