

Sheet #4

Line, shale and sand	10962	10980	
Line and shale	10980	11202	1/4° @ 10990, 1° @ 11120, 1-1/2° @ 11190
			Circ. samples @ 11192 for 2-1/2 hrs in Permian, no shows w/ drilling break @ 11190, 15 to 8 MPF.
Shale and chert	11202	11231	1-3/4° @ 11230
Line and shale	11231	11365	1-3/4° @ 11250, 2° @ 11280, 2° @ 11305, 2° @ 11335, 2° @ 11365
Line, shale and sand	11365	11372	
			Circ. samples @ 11365 for 2 hrs. in Permian, no shows.
Line and shale	11372	11581	1° @ 11410, 3/4° @ 11445, 3/4° @ 11475, 1° @ 11515, 3/4° @ 11565, 1-1/4° @ 11575
Line, shale and chert	11581	11584	Circ. for samples @ 11406 for 5 hrs. in Permian, no shows.
Drill Stem Test	11543	11584	Basal Permian, 2 packers, 3 hrs. 5/8" BHC and 1" SC, 2610' WC, gas in 2-1/2 hrs. too small to measure, Rec. 2610' oil and gas out WC, 270' heavy oil and gas out drlg. mud, BHFP 1200-1300#, 15 min S-I BHFP no record, HH 6500-6450#.
Line and chert	11584	11591	
8-3/4" Diamond Core Basal Permian	11591	11599	Rec. 6' Finely crystalline tan limestone w/ chert nodules
8-3/4" Diamond Core Mississippian	11599	11614	Rec. 15' 11599-11600 dark gray shale w/ coarse grain quartz grain, 11600-11602 finely crystalline gray limestone, 11602-11603 finely crystalline gray shale, 11603-11614 finely crystalline dark gray limestone w/ trace opaque gray chert nodules
			<u>Top of Mississippian 11600'</u> , 20' high to Santa Fe Pacific "C" #1.
8-3/4" Diamond Core Mississippian	11614	11649	Rec. 34' Finely crystalline to medium crystalline gray limestone w/ nodules of gray to white opaque chert inclusions.
Line and shale	11649	11662	2° @ 11655
Line and chert	11662	11677	2° @ 11670
Shale and lime	11677	11695	2-1/4° @ 11690
Line, shale and chert	11695	11696	
Line and shale	11696	11715	1-3/4° @ 11710
Line, shale and chert	11715	11721	
Line and shale	11721	11726	
Line, shale and chert	11726	11744	1-3/4° @ 11735
Line and shale	11744	11749	
Line, shale and chert	11749	11762	1-3/4° @ 11755
Line and shale	11762	11783	2° @ 11775
Line, shale and chert	11783	11813	1-1/2° @ 11805, 1-1/2° @ 11813
Line and chert	11813	11816	
Line, shale and chert	11816	11828	1-1/2° @ 11825
Line, sand and chert	11828	11836	
Line, shale, chert and sand	11836	11842	
Line and shale	11842	11950	1-1/4° @ 11885, 1-1/4° @ 11925
Line and chert	11950	11952	
Line and shale	11952	12052	1-1/4° @ 11965, 1-1/4° @ 12040
Line, shale and sand	12052	12072	
Line and shale	12072	12130	11900-12076 est. flow salt water 60 BPD.

Top of Devonian 12126

