

NMOC

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2117'	2320'	White, cr-gr ss.			
Fruitland	2320'	2612'	Gry sh interbedded w/tight, gry, fine-gr ss.			
Fruitland	2612'	2964'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Ojo Alamo	2117'	
Pictured Cliffs	2964'	3055'	Bn-Gry, fine grn, tight ss.	Kirtland	2320'	
Lewis	3055'	3890'	Shale w/siltstone stringers	Fruitland	2612'	
Huerfanito Bentonite*	3890'	3912'	White, waxy chalky bentonite	Pic.Cliffs	2964'	
Chacra	3912'	4510'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Lewis	3055'	
Cliff House	4510'	4733'	ss. Gry, fine-grn, dense sil ss.	Huerfanito Bent.	3890'	
Menefee	4733'	5135'	Med-dark gry, fine gr ss, carb sh & coal	Chacra	3912'	
Point Lookout	5135'	5560'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Cliff House	4510'	
Mancos	5560'	6440'	Dark gry carb sh.	Menefee	4733'	
Gallup	6440'	7113'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Pt.Lookout	5135'	
Greenhorn	7113'	7200'	Highly calc gry sh w/thin lmst.	Mancos	5560'	
Graneros	7200'	7305'	Dk gry shale, fossil & carb w/pyrite incl.	Gallup	6440'	
Dakota	7305'	7480'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Greenhorn	7113'	
				Graneros	7200'	
				Dakota	7305'	

38. GEOLOGIC MARKERS

*Huerfanito Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacra line)