

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, CO NTNTS, ETC.	NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	2822'	3020'	White, cr-gr ss.			
Fruitland	3020'	3105'	Gry sh interbedded w/tight, gry, fine-gr ss.	Ojo Alamo	2822'	
Fruitland	3105'	3376'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Kirtland	3020'	
Pictured Cliffs	3376'	3510'	Bn-Gry, fine grn, tight ss.	Fruitland	3105'	
Lewis	3510'	3955'	Shale w/siltstone stringers	Pic.Cliffs	3376'	
Huerfano Bentonite*	3955'	4415'	White, waxy chalky bentonite	Lewis	3510'	
Chacra	4415'	4988'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Huerfano Bent.	3955'	
Cliff House	4988'	5244'	ss. Gry, fine-grn, dense sil ss.	Chacra	4415'	
Menefee	5244'	5610'	Med-dark gry, fine gr ss, carb sh & coal	Cliff House	4988'	
Point Lookout	5610'	6099'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Menefee	5244'	
Mancos	6099'	6800'	Dark gry carb sh.	Pt.Lookout	5610'	
Gallup	6800'	7529'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Mancos	6099'	
Greenhorn	7529'	7585'	Highly calc gry sh w/thin lmst.	Gallup	6800'	
Graneros	7585'	7722'	Dk gry shale, fossil & carb w/pyrite incl.	Greenhorn	7529'	
Dakota	7722'	7860'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Graneros	7585'	
				Dakota	7722'	

38. GEOLOGIC MARKERS

Perforations continued:

5345, 5353, 5379, 5398, 5418,
5435, 5456, 5541, 5560, 5574,
5587, 5602, 5612, 5617, 5632,
5644, 5654, 5658, 5679, 5695,
5712, 5727, 5736, 5749, 5803,
5820, 5836, 5842, 5861, 5869,
5892, 5908, 5934, 5947, 5965,
5986, 6065, 6083

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