

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	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Ojo Alamo	1644'	1738'	White, cr-gr ss.	Ojo Alamo		1644'	
Kirtland	1738'	2368'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland		1738'	
Fruitland	2368'	2945'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland		2368'	
Pictured Cliffs	2945'	3068'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs		2945'	
Lewis	3068'	3654'	Shale w/siltstone stringers	Lewis		3068'	
Huerfanito Bentonite*	3654'	4004'	White, waxy chalky bentonite	Huerfanito Bent		3654'	
Chacra	4004'	4465'	Gry fn grn silty, glauconitic sd stone w/drck gry shale	Chacra		4004'	
Cliff House	4465'	4810'	ss. Gry, fine-grn, dense sil ss.	Cliffhouse		4465'	
Menefee	4810'	5165'	Med-dark gry, fine gr ss, carb sh & coal	Menefee		4810'	
Point Lookout	5165'	5555'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Point Lookout		5165'	

* Huerfanito Bentonite is the legal top of Mesaverde in New Mexico (north of Chacra line).

38. GEOLOGIC MARKERS