

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):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1422'	1598'	White, cr-gr ss.	Ojo Alamo	1422'	
Kirtland	1598'	2078'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	1598'	
Fruitland	2078'	2300'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2078'	
Pictured Cliffs	2300'	3928'	Bn-Gry, fine grn, tight ss.	Pic.Cliffs	2300'	
Cliff House	3928'	4021'	ss. Gry, fine-grn, dense slt ss.	Cliff House	3928'	
Menefee	4021'	4664'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4021'	
Point Lookout	4664'	4836'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Pt.Lookout	4664'	
Mancos	4836'	5843'	Dark gry carb sh.	Mancos	4836'	
Gallup	5843'	6663'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh	Gallup	5843'	
Greenhorn	6663'	6713'	Highly calc gry sh w/thin lmst.	Greenhorn	6713'	
Graneros	6713'	6830'	Dk gry shale, fossil & carb w/pyrite incl.	Graneros	6830'	
Dakota	6830'	7009'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks	Dakota	7009'	