

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.
			<p>DST #1 10231-338' Morrow: TIMES - 14", 60" 60", 180". Opened tool with strong blow, 20 psi in 2 mins. Changed to 1/4" choke in 3 mins, 40 psi. GTS in 9 mins, 100 psi, Re-opened on 1/4" choke, 19 psi in 3 mins, increasing to 65 psi in 60 mins. Continued to flare gas throughout final flow. RECOVERY: 280' gas cut rathole mud & 1202' water</p> <p>(Mid. sample-.20 @70°, 35000 ppm; Bot. sample Rw 0.12 @70°, 50,000 ppm). SAMPLER: 1.5 c/g, 1000 cc water (Rw .12 @70°, 59,000 ppm)</p> <p>PRESSURES: IHP 5098, IFP 214-338, ISIP 3989, FFP 301-737, FSIP 4052, FHP 5098</p> <p>DST #2 10065-170' (105') Morrow: TIMES - 15", 60", 60", 180". Opened tool with strong blow to bottom of bucket, 40# in 3 mins. Opened on 1/4" choke in 5 mins, 60#, Increased to 110# in 15 mins. GTS 15 mins into flow. Reopened tool with good blow, 2 psi, had 50 psi in 2 mins; 76 psi in 15 mins. Pressure started decreasing to 72 psi in 30 mins down to 68 psi in 60 mins. RECOVERY: 350' gas cut drilling fluid. SAMPLER: 1.952 c/g, no fluid at 250 psi. BHT: 220°.</p> <p>PRESSURES: IHP 5111, IFP 215-215, ISIP 3080, FFP 129-194, FSIP 3015, FHP 5067.</p>

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	744	
Delaware	1720	
Bone Springs	2410	
3rd Bone Spr. Sd	7200	
Canyon Dolomite	8160	
Strawn	8776	
Atoka	9614	
Morrow Lm	9990	
Morrow C1	10150	
Lwr Morrow	10372	
Miss Austin	10511	