

### 37. SUMMARY OF POROUS ZONES:

DST #1 (Atoka sand) 8405'-8529', open total of 90 min. On 30 min. pre-flow, open w/strong blow w/GTS in 5 min. increasing to max. 1500 PSI on 1/2" ch. @ rate of 9,484,000 CFGPD @ end of pre-flow. On 60 min. final flow, had GTS immediately, had mud to surf. in 10 min. & unloaded steady flow of mud & gas for 25 min., gas flow stabilized in 45 min. @ 1050 PSI on 3/8" ch. @ rate of 3,621,000 CFGPD w/strong flow of condensate. Rec. 50' condensate. Spl. Ch. rec. 16.4 cu. ft. gas, no fluid @ 1500 PSI. IHP 4125#, 30 min. IFP 1347#-2118#, 60 min. ISIP 2905, 60 min. FFP 1081#-1485#, 120 min. FSIP 2418#, FHP 4130#, BHT 146°.

SP DST #2 (Atoka sand) 8480'-8540', open total of 105 min. On 15 min. pre-flow, open w/fair blow increased to 3 PSI. No GTS. On 90 min. final flow, open w/fair blow stabilized @ 3 PSI. No GTS. Rec. 185' SGCDM. IHP 4121#, 15 min. IFP 115#-126#, 60 min. ISIP 420#, 90 min. FFP 105#-110#, 120 min. FSIP 423#, FHP 4007. BHT est. 160°.

SP DST #3 (Atoka sand) 8340'-8480', open total of 255 min. On 15 min. pre-flow, open w/fair blow w/GTS in 5 min., on 3/8" ch. increased to FTP 585# PSI @ rate of 1,991,000 CFGPD. On 60 min. 2nd flow, had GTS immediately on 3/8" ch. w/FTP 565 PSI @ rate of 1,921,000 CFGPD increasing to FTP 1150 PSI @ rate of 3,910,000 CFGPD. On 180 min. final flow, had GTS immediately on 3/8" ch. w/FTP 650 PSI @ rate of 2,210,000 CFGPD increasing to FTP 1070 PSI @ rate of 3,638,000 CFGPD, then decreasing to FTP 840 PSI @ rate of 2,856,000 CFGPD. Rec 935' HGCDM. IHP 4255#, 15 min. IFP 1110#-1369#, 60 min. ISIP 2716#, 60 min. 2nd FP 1166#-1619#, 120 min. 2nd SIP 2389#, 180 min. FFP 808#-1336#, 360 min. FSIP 2977, FHP 4213#, BHT est. 140°.

SP DST #4 (Atoka sand) 8340'-8480', open total of 330 min. On 30 min. pre-flow, open w/fair blow w/GTS in 8 min., on 3/8" ch. increased to, FTP 600 PSI @ rate of 2,040,000 CFGPD. On 60 min. 2nd flow, had GTS immediately on 3/8" ch w/FTP 250 PSI @ rate of 850,000 CFGPD increasing to FTP 780 PSI @ rate of 2,652,000 CFGPD. On 240 min. final flow, had GTS immediately on 3/8" ch. w/FTP 325 PSI @ rate of 1,105,000 CFGPD increasing to FTP 710 PSI @ rate of 2,414,000 CFGPD, then decreasing to FTP 590 PSI @ rate of 2,006,000 CFGPD. Rec. 875' HGCDM. IHP 4201#, 30 min. IFP 761#-1070#, 60 min. ISIP 2047#, 60 min. 2nd FP 695#-1260#, 120 min. 2nd SIP 2507#, 240 min. FFP 645#-1002#, 480 min. FSIP 2839#, FHP 4081#, BHT est. 146°.