

- DST # 1 9264' - 9425' (161' Wolfcamp limestone & dolomite). Tool open 3 hours 30 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate strong air blow. OTS in 12 minutes. MTS 1 hour 57 minutes. OTS in 2 hours 14 minutes. Cleaned to pits for 2 minutes & turned to separator. Filled separator in 8 minutes & began flowing to tanks. In 1 hour flowed 32 BO. Gravity 43 deg. API, GOR 252. Reversed recovery. Recovered 200' (1.47 bbls.) mud cut oil & 250' (1.84 bbls.) heavily gas & sli mud cut sulfur water Below circulating sub. FBHP 500 - 2775 - 2250 psi, 15 minutes SIBHP 3500 psi, HMM 4825 psi. Positive Test.
- DST # 2 9430' - 9530' (100' Wolfcamp). Tool open 45 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate weak air blow which died in 10 minutes. After 12 minutes dropped 2 nd bar w/no resulting blow. After 20 minutes by-passed packers w/mud resulting in immediate very weak blow which died in 3 minutes. NOTS. Recovered 60' (0.44 bbls.) drilling mud w/ns. Recovery mud filtrate titrated 998 ppmCl<sup>-</sup>. Fit mud filtrate titrated 1196 ppmCl<sup>-</sup>. FBHP 0 psi, 20 minutes SIBHP 0 psi, HMM 4925 psi. Positive Test.
- DST # 3A 12,267' - 12,528' (261' unidentified limestone & Devonian dolomite). Tool open 1 hour thru 1" BC & 1" TC on 3 1/2" DS. Immediate strong blow decreasing to weak in 1 hour. OTS in 19 minutes. After tool open 1 hour mud column suddenly dropped, indicating packer failure or hole in drill pipe. Recovered 1200' (8.8 bbls.) sli GOM / 9440' (69.3 bbls.) drilling mud w/ns. FBHP 220 - 290 psi, SIBHP not recorded. HMM 6045 psi. Results of test considered conclusive insofar as productivity of interval is concerned.
- DST # 4 12,481' - 12,676' (195' Devonian). Tool open 2 hours thru 1" TC & 1" BC on 3 1/2" DS. Immediate strong air blow. OTS in 14 minutes w/strong blow decreasing to moderate in 82 minutes. Recovered 1260' (8.0 bbls.) HO&GOM, no water. Approximately 1 gallon clean, 41 deg. API oil above retaining valve. FBHP 250 - 500 psi, 30 minutes SIBHP 2800 psi, HMM 6000 - 5900 psi. Positive Test.
- DST # 5 12,680' - 12,726' (46' Devonian Dolomite). Tool open 45 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate very weak air blow which died in 5 minutes. Recovered 10' (0.05 bbls.) drilling mud w/ns. Pit mud filtrate titrates 3000 ppmCl<sup>-</sup>. Recovered mud filtrate titrates 3000 ppmCl<sup>-</sup>. FBHP 0 psi, 30 minutes SIBHP 0 psi, HMM 6550 - 6225 psi. Positive Test.
- DST # 6 12,695' - 12,776' (81' Devonian). Tool open 1 hour 42 minutes thru 3/4" BC & 1" TC on 3 1/2" DS. Immediate weak air blow lasting throughout test. NOTS. After 1 hour 42 minutes packers failed. Found gas 800' from tool while pulling same. Recovered 280' (1.57 bbls.) sli gas cut mud w/rain-bow show of oil. Recovered mud filtrate titrates 2500 ppmCl<sup>-</sup>. Pit mud filtrate titrates 2500 ppmCl<sup>-</sup>. FBHP 0 psi, 30 minutes SIBHP 1275 psi, HMM 6175 - 6150 psi. Positive Test.
- DST # 7 12,776' - 12,876' (100' Devonian Dolomite). Tool open 2 hours thru 1" BC & 1" TC on 3 1/2" DS. Moderate air blow throughout test. NOTS. Recovered 250' (1.85 bbls.) mud / 220' (1.63 bbls.) HO&GOM (11% oil) / 310' (2.29 bbls.) HO, G & SWOM / 3120' (23.09 bbls.) sli gas cut salty sulphur water. (Water titrates 32,000 ppmCl<sup>-</sup>). FBHP 400 - 1250 psi, 30 minutes SIBHP 3700 psi, HMM 5840 - 5700 psi. Positive Test.

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

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