

Attachment for Form C-105

State 3DA-1, South Denton-Devonian

- TEST # 1: 12,960' - 13,181' (301' Devonian dolomite) $\frac{1}{2}$ " open. Tool open 4 hours, 50 minutes thru 5/8" BC, 1", 5/16", & 4/8" TC, on 4" ps. Initial strong air blow decreasing to weak in 10 minutes & increasing to strong blow again after 30 minutes. GTC & WTR in 57 minutes. 0' in 65 minutes. Flowed a total of 150 barrels. On 5/16" choke flowed 11.7 BOPH, cut 0.7' ss. IP 220 psi. GOM 2301. On 5/8" choke flowed 19.7 BOPH, cut 0.2' ss. IP 140 psi. GOM 1740. Gravity 49.5 deg. API. Reversed out approximately 30' ss & 0' GOM. Recovered 270' (2.1 barrels) NO & OIL. No evidence of water. FWHP 2085 - 3740 psi. 45 minutes FSIPHP 520 psi. IPW (in / out) 6120 psi. Positive Test. (Johnston).
- TEST # 2: 12,189' - 13,255' (6' Devonian dolomite). Tool open 2 hours, 15 minutes thru 1/2" BC, 1" TC, on 2 7/8" ps. Initial weak air blow lasting throughout test. Recovered 100' (0.5 barrels) oil & gas cut mud. IP 0 psi. 30 minutes FSIPHP 370 psi. IPWI 6200 psi. EHC 6180 psi. Positive Test. (Johnston).
- TEST # 3: 13,189' - 13,271' (8' Devonian dolomite). Tool open 2 hours, 40 minutes thru 5/8" BC, 1" TC, on 2 7/8" ps. Initial fair blow decreasing throughout test. GTC in 45 minutes. Rate WTR. Reversed out 10,650' (46.5 barrels) gas cut salt water, cut w/trace of oil (.1' - .1' oil). Recovered 150' (0.5 barrels) gas cut muddy salt water. Water titrated 33,000 ppm chlorides. FWHP 405 psi - 4835 psi. 60 minutes FSIPHP 5175 psi. IPWI 6270 psi. EHC 6115 psi. Positive Test. (Johnston).

