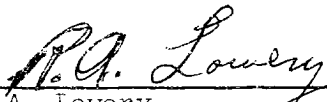


Shell Oil Company
State E11a # 1
NW/4 SW/4, Section 27-9S-35E
Lea County, New Mexico

- DST # 1: 4811' - 4874' (63' San Andres). Tool open 1 1/2 hours thru 5/8" BC, 1/2" TD, 4" DP. Opened w/fair blow, decreased to weak in 15 minutes continuing throughout test. GTS 35 minutes. TSTM. Recovered 35' (0.30 bbls.) heavily gas cut mud + 90' (0.45 bbls.) oil and gas cut mud + 270' (1.35 bbls.) oil and water emulsion (50% oil). 60 minutes ISIBHP 1574 psi. FBHP 146 - 152 psi. 2 hours FSIBHP 1505 psi. HMP in/out 2379/2379 psi. Recovered water titrated 47,000 ppm Cl⁻. Pit mud titrated 1000 ppm Cl⁻. Conclusive Test. (Foster)
- DST # 2: 4882' - 4931' (49' San Andres). Tool open 45 minutes thru 5/8" BC, 1/4" TC, 4" DP w/weak blow, died in 40 minutes. NGTS. Recovered 180' (0.9 bbl.) salt water cut mud. 75 minutes ISIBHP 1723 psi. FBHP 111 - 114 psi. 90 minutes FSIBHP 1552 psi. HMP in/out 2405 psi. BHT 120 deg. F. Conclusive Test. (Foster)
- DST # 3: 9831' - 9870' (39' Pennsylvanian). Tool open 30 minutes thru 5/8" BC, 1/4" TC, 4" DP w/no blow. NGTS. Recovered 100' (0.5 bbl.) drilling mud w/no shows. 60 minutes ISIBHP 4333 psi. FBHP 60 - 74 psi. 60 minutes FSIBHP 4319 psi. HMP 5133 - 5148 psi. BHT 150 deg. F. Recovered mud titrated 56,000 ppm Cl⁻. Pit mud titrated 62,000 ppm Cl⁻. Conclusive Test. (Johnston)



R. A. Lowery
District Exploitation Engineer

September 26, 1963