

Attachment for NMOC Form C-105

Shell Oil Company
State DB # 1
Creek Area Wildcat
SE/4 SW/4, Section 2-16S-38E
Lea County, New Mexico

- DST # 1: 9298' - 9652' (354' Abo). Tool open 1 1/2 hours thru 5/8" BC, 1/4" TC, 4 1/2" DP w/strong blow decreasing to weak in 1 hour 15 minutes. Recovered 6200' (79 bbls.) salty sulfur water w/trace heavy residue. 60 minutes ISIBHP 3860 psi. FBHP 737 - 3162 psi. 60 minutes FSIBHP 3657 psi. HMP 4198 - 4198 psi. Recovered water titrated 21,800 ppm Cl⁻. Pit mud titrated 1650 ppm Cl⁻. Conclusive Test. (Cook)
- DST # 2: 13,275' - 13,320' (45' Silurian). Tool open 1 1/2 hours thru 5/8" BC, 1/2" TC, 4 1/2" DP. Opened w/fair blow decreased to weak in 45 minutes. NGTS. Recovered 3100' gas + 500' (5.4 bbls.) heavily oil and gas cut mud + 200' (2.6 bbls.) salt water cut mud + 800' (6.9 bbls.) sulfur water. 95 minutes ISIBHP 5207 psi. FBHP 150 - 990 psi. 120 minutes FSIBHP 5150 psi. HMP in/out 6400 psi - 6355 psi. Recovered sulfur water titrated 31,000 ppm Cl⁻. Pit mud titrated 900 ppm Cl⁻. BHT 210 deg. F. Conclusive Test. (Cook)

Original Signed By
R. A. LOWERY

R. A. Lowery
District Exploitation Engineer

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