

Shell Oil Company
Federal GA-1
Attachment to Form 9-330

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JUL 14 1964
J. S. B. SURVEY
ARTESIA, NEW MEXICO

- DST #1: Straddle packer 8780'-8840' (60' Wolfcamp). Tool open 2 hours 15 minutes with fair blow. Recovered 3000' gas + 150' (0.5 barrel) very slightly oil cut mud + 1 quart free oil in DST tool. (Gravity 34 degrees API) 45 Minutes ISIBHP 235 psi. FBHP 66-98 psi. 150 Minutes FSIBHP 1144 psi. HMP 4192-4134 psi. BHT 155 degrees F. Recovered mud titrated 8000 ppm Cl⁻. Pit mud titrated 7500 ppm Cl⁻. Conclusive Test (Foster).
- DST #2A: 8870'-9024' (154' Wolfcamp). Packers failed. Misrun.
- DST #2: 8869'-9039' (176' Wolfcamp). Tool open 2 hours with fair blow. Recovered 160' (1.1 barrels) water cut mud + 900' (2.6 barrels) sulfur water. 60 Minutes ISIBHP 3278 psi. FBHP 210-461 psi. 120 Minutes FSIBHP 2509 psi. HMP 4291-4286 psi. BHT 130 degrees F. Recovered mud titrated 3000 ppm Cl⁻. Pit mud titrated 7500 ppm Cl⁻. Conclusive Test (Foster).
- DST #3A: 9206'-9304' (98' Wolfcamp). Packers failed. Misrun.
- DST #3: 9216'-9314' (98' Wolfcamp). Tool open 3 minutes then 5/8" BC, 1/4" TC, 3 1/2" DP with fair blow. Pressure failed after 3 minutes. Recovered 630' (4.7 barrels) mud cut sulfur water + 620' (2.5 barrels) sulfur water cut mud. IFP 1358 psi. HMP 4575-4553 psi. Recovered mud cut sulfur water 12,000 ppm Cl⁻. Pit mud titrated 7000 ppm Cl⁻. Conclusive Test (Foster).

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JUL 16 1964

O. C. C.
ARTESIA, OFFICE

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OFFICE, ALBERTA