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YATES PETROLEUM CORPORATION

T-4 Cattle Co. #2  
Unit N, 660 FSL & 1980 FWL  
Sec. 32-T11N-R27E  
Quay County, New Mexico

Re-acidized perfs 5548-42' w/3000 gal 3% HCL acid and 20 ball sealers plus N<sub>2</sub>. Flowed back. No show of gas or oil. Unset packer and TOOH. TIH w/ EZSV cement retainer at 5518'. Squeeze perfs 5548-52' to 2500 psi w/50 sacks Type H, .2% TF-4, 2% CaCl<sub>2</sub>. TOOH w/setting tool. WIH and perforated w/6 .42" squeeze holes as follows: 5330' (2 holes); 5226' (2 holes); 5145' (2 holes). TIH w/cement retainer set at 5319'. Squeeze perfs 5330' to 3000 psi w/50 sacks Class H, 2% TF-4, squeeze perfs 5226' to 2500 psi w/50 sacks Class H, 2% TF-4 2% CaCl<sub>2</sub> and squeeze perfs 5145' to 3000 psi w/50 sacks Class H, .2% TF-4, 2% CaCl<sub>2</sub>. TOOH w/setting tool. Set cement retainer at 5120' and 5200'. Test perfs to 2000 psi. Drill out cement retainer at 5120'. Cement to 5145'. Test perfs to 2000 psi. Drill out cement retainer at 5200'. Test perfs to 2000 psi. Drill out cement retainer at 5319' and 5330'. Test perfs to 2000 psi. WIH and perforated 5165-93' w/14 .42" holes as follows: 5165-68' (2 SPF, 6 holes); 5189-93' (2 SPF, 8 holes). Acidized perfs 5165-93' w/2000 gal 3% HCL acid and ball sealers. Swabbed well. Re-acidized perfs 5165-93' w/5000 gal 7½% DS-30 acid.

Well is presently being evaluated by Geologists.

Signed *Quintanilla* Title Production Supervisor Date 11-8-83