

YATES PETROLEUM CORPORATION
Brannigan ANF Federal #6
Section 6-T22S-R24E
Eddy County, New Mexico

SUNDRY NOTICE CONTINUED:

thixadd, 1% CaCl₂ and 2#/gallon gilsonite (yield 1.45, weight 14.8) and 100 sacks "H" Neat (yield 1.15, weight 15.8). Displaced with 25 bbls and hesitated 15 minutes. Displaced 21 more bbls - no pressure. Overdisplaced 10 bbls. Mixed and pumped 200 sacks "H" Neat (yield 1.09, weight 16.2). With 16 bbls displacement, squeezed to 850 psi. Stung out of retainer. Attempted to reverse at 4 BPM at 1800 psi. No returns. Stung into retainer. pressured to 1800 psi. Pressured annulus to 1000#. Stung out of retainer. Pressure equalized. Attempted to reverse out. No returns. TOOH with stinger. Loaded casing with 24 bbls. Pressured to 1500# - had slight bleed off. Pressured to 1800#. Pumped in at 1/2 BPM at 1600#. Shut well in. NOTE: Probably pumping into old squeeze perfs at 7100'.

3-3-99 - TIH with bit, drill collars and tubing. NOTE: Displaced fluid on 1st drill collar. Tagged cement at 7376'. TOOH. TIH with packer. Pressured up on casing to 1500#. Packer would not set. TOOH with packer. TIH with bit, drill collars and tubing. Drilling on cement.

3-4-99 - Drilled out cement and cleaned out to retainer at 7915'. Drilled retainer and cement. Fell out at 8140'. Circulated clean. Tested casing to 1000 psi. TIH to 8726'. TOOH and laid down drill collars. TIH with bit and scraper to 8150'. Displaced hole with 2% KCL. TOOH.

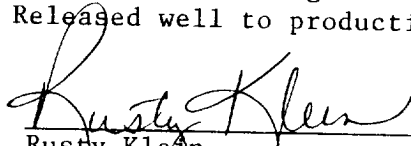
3-5-99 - Rigged up wireline. TIH with logging tools and ran Cast V cement evaluation log. TOOH with logging tools and rigged down wireline. Shut down due to high winds.

3-6-99 - TIH with packer and RBP. Set RBP with middle packer element at 8055'. Pumped down casing and loaded hole. Pressured to 500 psi and held for 5 minutes. TOOH with packer. TIH with TCP installation. Spaced out packer. Pumped 1500 gallons 20% double inhibited iron control HCL acid in tubing and 10 bbls 2% KCL. Pressured to 1950 psi - guns fired - perforating 7959-8039' w/76 .37" holes as follows: 7959-7974', 7980-7984', 7990-7998' and 8032-8039' (2 SPF - Canyon). Flushed with 46 bbls 2% KCL. Swabbed and flow test.

3-7-99 - Flow tested. Pumped down tubing. Released packer and TOOH. Removed TCP guns. TIH with packer and RBP. Set RBP at 8015'. Straddled perforations 7959-7998'.

3-8-99 - Acidized perforations 7959-7998' with 25000 gallons gelled 20% double inhibited iron control HCL acid. Swabbed & flow tested.

3-9-99 - Released packer and RBP. TOOH. TIH with retrieving tools and tubing. Released RBP at 8055'. TOOH with RBP and tubing. Released well to production department.


Rusty Klein
Operations Technician
March 23, 1999

Perforations Open 7959-8127' (Canyon)
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