

YATES PETROLEUM CORPORATION

Atom Ant Federal Com #1

Section 10-T22S-R24E

Eddy County, New Mexico

SUNDRY NOTICE CONTINUED:

(yield 1.18, weight 15.6) and 250 sacks "H" (yield 1.18, weight 15.6) with 300 scf N₂, 150 sacks "H" with 10% thixadd (yield 1.52, weight 14.8). Displaced with 46.5 bbls. No pressure. Sting out of retainer - 15 bbls to break circulation. Reversed 60 bbls. Pulled 10 stands. Nipped down BOP and nipped up BOP with flanged outlets. Nipped up 7-1/16" seaboard head. Nipped up BOP. Shut well in.

4-17-99 - TIH with 10 stands and sting into retainer. Tubing went on vacuum. Pumped 45 bbls 2% KCL thru retainer at 4 BPM at 100 psi. Mixed and pumped 200 sacks "H" with 10% thixadd (yield 1.52, weight 15.2#) and 200 sacks "H" Neat (yield 1.07, weight 16.2).

Displaced and staged - no pressure - on vacuum at 1 BPM. Mixed and pumped 75 sacks "H" (yield 1.07, weight 16.0) with 2% CaCl₂ and 100 sacks "H" Neat (yield 1.07, weight 16.0).

Displaced and staged - vacuum at 1 BPM. Sting out of retainer - 20 bbls to break circulation. Mixed 175 sacks "H" Neat (yield 1.07, weight 16.0). Spot 5 bbls shy of retainer. Sting into retainer. Displaced 1/2 bbl past retainer. Sting out. Reversed out - 21 bbls to break circulation. Pulled 10 stands. Shut well in. WOC.

4-20-99 - TIH with 10 stands. Sting into retainer. Pressured annulus to 500 psi. Pumped 45 bbls 2% KCL down tubing at 4 BPM - no pressure. Mixed and pumped 200 sacks "H" Neat (yield 1.07, weight 16.5). Displaced and hesitated - overdisplaced 10 bbls. Mixed and pumped 200 sacks "H" Neat (yield 1.05, weight 17.5). Hesitate and over displace 10 bbls - no pressure. Mixed and pumped 200 sacks "H" with 12% calseal, 1% CaCl₂ and 3#/sack gilsonite (yield 1.53, weight 14.6) and 200 sacks "H" with 2% CaCl₂ and 3#/sack gilsonite (yield 1.18, weight 15.6). Washed up, stage and squeeze to 1200 psi with 6 bbls cement in tubing. Sting out of retainer. Reversed 30 sacks to pit. Pulled 40 stands. Shut well in.

4-21-99 - WOC. Prep to drill out.

4-22-99 - TOH with stinger. TIH with bit, drill collars and tubing. Drilled cement retainer at 7910' and cement and stringers to 8050'. Pressured to 1000 psi. Bled off 600 psi in 2 minutes. Established injection rate of 3/4 BPM at 1700 psi for 10 bbls, 1 BPM at 2300 psi for 10 bbls. Pulled up above perforations. Shut down due to wind.

4-23-99 - TOOH. Rigged up wireline. Set cement retainer at 7900'. Rigged down wireline. TIH with stinger on tubing. Sting into retainer and spaced out. Sting out and break circulation. Mix and pump 75 sacks "H" Neat (yield 1.18, weight 15.8) (16 bbls slurry). Sting into retainer and squeezed to 3500 psi with 40 sacks in formation. Sting out and reverse 25 sacks to pit. TOOH. Shut well in.

4-24-99 - TIH with bit, drill collars and tubing. Tagged up at 7926'. Drilled out retainer and cement at 7930' and drilled cement to 8030'. Circulate clean. Tested to 1000 psi. TIH and tagged PBD at 8640'. Pulled up to 8100'. Displaced hole with 2% KCL (300 bbls). TOOH. Shut well in.

4-25-99 - TIH with 4-1/2" TCP guns and correlated guns on depth. Set packer. Loaded tubing with 24 bbls 20% double inhibited iron control HCL acid followed by 22 bbls 2% KCL. Pressured up to 3250 psi - guns fired - perforating 7978-8002' w/64 .37" holes as follows: 7978-7986' and 7996-8002' (4 SPF - Canyon). Swabbing.

4-26-99 - Swabbed. Shut well in.

4-27-99 - Pumped 45 bbls 2% KCL down tubing. Released packer. TOOH with TCP guns. Released well to production department.

Rusty Klein
Rusty Klein
Operations Technician
May 3, 1999

ACCEPTED FOR RECORD
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MAY 11 1999
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ROSWELL RESOURCE AREA