

Log T.
DRILLING REPORT - WORKOVER

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Tisdale
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Yates Petroleum Corp. - West Loco Hills Unit #1-4 (Unit M) 7-18S-30E

Eddy Co., NM

10-6-84 sat
 WIH, tagged cement plug @ 1494'. WIH to 1113', set packer. Established injection rate 600# @ 3 BPM. Release packer, TOH. WIH, set cement retainer 1100'. TIH with tubing, stung into cement retainer. Squeezed perforations at 1150' with 115 sacks Class "C" Neat to 500#. Stung out of retainer, reversed out excess cement. TOH with tubing. TIH with packer. Tested casing, found hole at 862'. TOH, layed down packer. TIH with tubing to 890', set 150' plug. TOH with tubing. WOC 2 hours. WIH on wireline, tagged cement plug at 780'. WIH on wireline with 4" casing gun and perforated at 450' with 1 shot. WIH and set packer at 315'. Established injection rate 600# @ 3 BPM. Circulated back to surface. TOH with packer. WIH, set cement retainer 358'. TIH with tubing, stung into retainer. Pumped 166 sacks Class "C" 2% CaCl₂. Lost returns while cementing. Shut down, stung out of retainer. Pumped out excess cement. TOH with tubing. SDON. DC \$8100

10-7-8-84 sun-mon
 Welded Bell nipple on top of 5-1/2" casing. Circulate H₂O between 5-1/2 and 8-5/8" casing. Pumped 70 sacks Class "C" Neat, circulated 10 sacks to pits. Shut in for weekend. DC \$1000; CC \$32300

10-9-84
 WIH with bit and drill collars. Tagged cement at 40', drilled 120'. TIH to 360'. Tagged and drill on cement retainer. Shut down overnight. DC \$2700; CC \$35000

10-10-84
 Released and drilled cement retainer at 360', 100' of cement. Lost returns at 360'. Shut down overnight. DC \$2200; CC \$37200

10-11-84
 Tied pump truck onto casing, established injection rate 300# @ 4 BPM. Pumped 100 sacks Class "C" 2% CaCl₂. Squeeze hole in casing to 500 psi. Shut in overnight. Prep to drill out. DC \$2400; CC \$39600

10-12-84
 WIH with bit, drill collars and tubing. Tagged top of cement 180'. Drilling 100' cement, got to soft to drill. WOC. Shut down overnight. DC \$7000

10-13-15-84
 sat-sun mon
 Drilled cement retainer and cement 1100-1150'. TIH to 1300', circulated clean. TOH with bit, collars and tubing. WIH, ran CBL from 1300' to surface. SDON. DC \$2500

10-16-84
 Drilled cement plugs 1494' and 1960'. TIH to 2520', circulated clean. TOH with bit, drill collars and tubing. Prep to GIH with packer and test casing. DC \$1500; TC 44300

10-17-84
 WIH with packer. Tested casing from 2530-1100'. Located holes in casing at +2030' and +1150'. Shut down overnight. Prep to test casing. DC \$3700

10-18-84
 WIH with cement retainer, set 1060'. Squeeze hole in casing at 1150' with 150 sacks Class "C" 2% CaCl₂ to 500#. TOH with tubing. Pick up packer. WIH, tested casing from 1060' to surface. Located holes in casing from 60-190'. TOH with packer. Squeeze casing to 200 psi with 150 sacks Class "C" cement. SDON. DC \$7000

10-19-84
 Shut in. WOC.

10-20-84
 WIH, tagged cement 40'. Drilled 150' of cement. Tested squeeze 1/4 BPM @ 450#. WIH, tagged cement 1050'. Drilled 10' cement. Drilled 1 hour on cement retainer. Shut down overnight. DC \$1900; CC \$56900

10-21-22-84
 sun-mon
 Finish drilling cement retainer and 80' cement. TIH to 1460', cleaned off top of RBP. TOH. Shut down for weekend. DC \$1700; CC \$58600

10-23-84
 WIH, retrieved drill pipe. TOH. Pick up bit, collars and tubing. Cleaned out to 2790'. TOH, pick up 4-1/2" CIBP. TIH to 2700', set CIBP. TOH with tubing. Shut down overnight. DC \$3700; CC \$62300

10-24-84
 Ran 65 joints 4-1/2" 9.3# casing set 2600'. Cemented with 100 sacks Class "H" cement. Cement did not circulate. WOC. Shut down overnight. Run temperature survey. Cement top 50' from surface. DC \$5700; TCTD \$68000