

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Freeman "ACF" #1 - Fee
Unit M, 660 FSL & 660 FWL
Section 22-T16S-R37E
Lea County, New Mexico

DST #1 6415-6463' (48'): TO 30"; SI 60"; TO 90"; SI 180". Opened tool with no blow. In 10 minutes annulus taking fluid. Closed tool. Reopened tool with no blow. Sampler: 7 psi, 500 cc fluid, 0.133 cfg. Recovery: 69.42' formation water with trace of oil on top. BHT: 120°. Pressures: IHP 2701; IFP 26-39; ISIP 79; FFP 39-52; FSIP 131; FHP 2780.

DST #2 8025-8071' (46') Drinkard: TO 30"; SI 60"; TO 90"; SI 180". Opened tool with 2 bubbles in bucket and no blow. Reopened tool with no blow. Recovery: 8'. Sampler: 4 psi, 26000 cc water. BHT: 130°F. Pressures: IHP 3569; IFP 26-26; ISIP 66; FFP 53-66; FSIP 66; FHP 3569.

DST #3 11016-079' (63') Lower Canyon: TO 30"; SI 60"; TO 90"; SI 180". Opened tool with good blow, increased to strong blow in 3 minutes. Opened on 1/4" choke with 75 psi. GTS in 13 minutes. Pressure increased to 220 psi on 1/4" choke after 30 minutes. Shut in, oil to surface in 11 minutes. Reopened on 1/4" choke with 180 psi. Pressure increased as follows: 15 minutes 240#, 30 minutes 245#, 37 minutes 420#, 45 minutes 550#, 60 minutes 700# and 90 minutes to 850#. Flowed oil at surface 23 minutes into final flow. Shut in with 950# on 1/4" choke. Recovery: flowed oil at surface, approximately 100 barrels oil recovered. Sampler: 1450 cc oil with gas cut, 2600 psi; 7.17 cft. BHT: 158°. Pressures: IHP 5146; IFP 685-1364; ISIP 4304; FFP 1409-3482; FSIP 4304; FHP 5146.

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JUN 17 1985
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