

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Reeves ADQ State #1 - LG 6940

Unit A, 700 FNL & 700' FEL

Sec. 14-T18S-R35E

Lea County, New Mexico

DST #1 5789-5900' DELAWARE (111'): TO 5"; SI 60"; TO 3"; SI 60". Opened tool with weak blow with rapid gain, 5 oz in 2 minutes; 10 oz in 4 minutes. Re-opened tool with weak blow with fair gain. Had 2 oz in 1 minute; 2-1/2# in 30 minutes; 4-1/4# in 60 minutes. No flare, will not burn. RECOVERY: 50' free oil, 2104' drilling fluid with trace oil. SAMPLER: 420 psi, 0.88 cfg, 400 cc oil, 1920 cc mud. PRESSURES:

	<u>TOP</u>	<u>BOTTOM</u>
IHP	2594	2630
IFP	186-365	225-405
ISIP	2342	2385
FFP	38-1014	423-1065
FSIP	2294	2328
FHP	2594	2630

DST #2 8546-8620' CLEARFORK (74'): TO 15"; SI 60"; TO 60"; SI 183". Opened with no blow. Re-opened with no blow. RECOVERY: 180 cfg in drillpipe, 10' free oil (100%), 750' drilling fluid and formation water. SAMPLER: 1.42 cfg, 500 cc oil, 1240 cc water at 300 psi. PRESSURES:

	<u>TOP</u>	<u>BOTTOM</u>
IHP	3960	3875
IFP	347-347	376-376
ISIP	1115	1130
FFP	358-358	376-376
FSIP	1270	1288
FHP	3860	3875

DST #3 8626-8860' MIDDLE CLEARFORK ZONE #2 (234'): TO 5'; SI 75"; TO 60"; SI 60". Opened with strong blow, 8 oz in bubble hose. Increased to 6 psi in 4 minutes. Re-opened with strong blow, 8 oz in bubble hose. After 15 minutes opened on 1/4" choke with 27#, losing pressure (14# after 20 mins). Choke back to 1/8" with 8.5# after 25 mins, losing pressure. Put on bubble hose after 30 mins with 7.5#. Pressure decreased to 6.75# after 60 mins. No GTS. RECOVERY: 7380' formation (sulfur) water, slight gas cut at top. SAMPLER: trace of gas, 2420 cc water at 780#. PRESSURES:

	<u>TOP</u>	<u>BOTTOM</u>
IHP	3810	3894
IFP	2047-2418	2156-2511
ISIP	3510	3604
FFP	2728-3500	2838-3595
FSIP	3530	3632
FHP	3810	3894