

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Hot Toddy "ABQ" State No. 1 - LG 4223
Unit G, 1980 FNL & 1500 FEL
Section 18-T16S-R34E
Lea County, New Mexico

DST #1 5040-5904' (54') Lower San Andres: TO 30"; SI 60"; TO 90"; SI 180".
Opened tool with very poor blow (few bubbles). In 15 minutes, no bubbles in
bucket. Closed tool. Re-opened tool with no blow. SAMPLER: 10 psi, 0 fluid
and 0 gas. RECOVERY: .25 @62°, chloride 28000. BHT 105°. PRESSURES:
IHP 2273; IFP 54-72; ISIP 1470; FFP 54-72; FSIP 1577; FHP 2290.

DST #2 10091-10128' (37'): TO 30"; SI 60"; TO 90"; SI 180". Tool opened
with fair blow. Increased to strong blow in 5 minutes. Blow continued
increasing. Had 12 psi in 30 minutes. Re-opened tool with 1/8" on bubble hose.
No GTS. RECOVERY: 7786' brine water with trace of oil and gas. SAMPLER: 200
psi, 2500 cc fluid (brine water) and 0.151 cfg. BHT: 140°. PRESSURES:
IHP 4773; IFP 868-2556; ISIP 3598; FFP 2686-3598; FSIP 3728; FHP 4773.
Note: WIH with 1st set of tools. Developed leak. TOOH and hunted leak.
Changed sampler and hydro spring. TIH and began testing.

DST #3 10852-10892' (40'): TO 30"; SI 60"; TO 90"; SI 180". Opened tool
with weak blow on 1/8" bubble hose. In 10 minutes slight increase to 3" in
bucket, 20 minutes 4" in bucket. Closed tool, no GTS. Re-opened tool with
weak blow and 1" in bucket. In 24 minutes, no blow. Closed with no blow.
RECOVERY: 30' drilling mud. SAMPLER: 15 psi, 600 cc drilling mud, 0 cfg.
BHT 150°. PRESSURES: IHP 5296-3; IFP 27.4-65.1; ISIP 130.2; FFP 43.4-65.1;
FSIP 130.2; FHP 5274.6.

DST #4 11222-11266' Penn (44'): TO 30"; SI 60"; TO 90"; SI 180". Opened tool
with weak blow, 1" in bucket. Increased blow to 3" in bucket in 5 minutes.
In 10 minutes, stabilized at 3" in bucket. Closed tool. Re-opened tool with
weak blow, 1" in bucket. Stabilized at 1" in bucket. In 40 minutes, slight
decrease to 3/4" in bucket. In 90 minutes, 1/8" in bucket. Closed tool.
RECOVERY: 20' drilling fluid. SAMPLER: 16 psi, .1608 cft, 800 cc mud.
BHT: 155°. PRESSURES: IHP 5601, IFP 65-65; ISIP 109, FFP 65-65; FSIP 174;
FHP 5601.

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