

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Kochia "AAM" State #1 LG - 2252
990 FSL & 2310 FEL, Sec. 35-T15S-R36E
Lea County, New Mexico

DST #1 10925-11067' (142') (Canyon): TO 30"; SI 60"; TO 90"; SI 180". Tool opened with weak blow. Tool slid down hole 15' when opened. Closed tool with a weak increasing blow. Reopened with fair increasing blow. Six inches in bubble bucket in 5 minutes; strong blow in 10 minutes (10" in bucket). In 40 minutes had strong blow to bottom of bucket. Remained throughout test. Recovery: 134' of mud with trace of oil in first 30'. Sampler: 25 cc oil, 2125 cc mud (total 2150 cc), .352 cfg, 200 psi. Pressures: HP 5370-5370; IFP 136-136; ISIP 318, FFP 136-159; FSIP 3863. BHT 164°F.

DST #2 11374-11567' (193') (Strawn): Times: TO 30"; SI 60"; TO 90"; SI 180". Recovery: 98' drilling mud, 2560' gas cut drilling mud with trace of oil and distillate. Sampler: 650# oil and gas cut foam. GTS in 35 min. BHT 170°. Pressures: HP 5819-5819; IFP₁ 564; FFP₁ 629; ISIP 2643; IFP₂ 781; FFP₂ 1214; FSIP 2535; FHP 5819.

DST #3 13645-13689' (44') (Devonian): TO 30"; SI 60"; TO 90"; SI 180". Opened tool with no blow. Slight increase in blow after 15 minutes (bubbles 15 seconds apart). After 21 minutes reached bottom of bucket with a weak blow. Manifold was open straight thru. After 23 minutes closed manifold in. Closed tool for initial shut-in with 1/4 psi at surface with bubble hose at bottom of bucket with a fair blow. Re-opened tool with a strong blow. 1/4 psi at surface. After 15 minutes had slight increase in pressure to 1 psi with strong blow. Decreased to a fair blow after 16 minutes - 1 psi at surface. After 42 minutes increased back to a strong blow - 1 psi at surface. Closed tool in with a strong blow - 1 1/4 psi at surface. Recovery: 950' of gas cut oil; 2796' of formation water with gas cut. Sampler: 100 psi, .203 cfg, 1500 cc oil gas cut play; 600 cc gas cut formation water. Pressures: HP 6604-6604; IFP₁ 412; FFP₁ 738; ISIP 5013; IFP₂ 803; FFP₂ 1604; FSIP 5057.

RECEIVED

FEB - 4 1985

O.C.B.
HOUSE OFFICE