

YATES PETROLEUM CORPORATION
Lagarto State Unit #1, V-1239
Unit N, 660' FSL & 1838.8' FWL
Sec. 18-T11S-R35E
Lea County, NM

DRILL STEM TESTS:

DST #1 10050-10120' (70') Bough B&C: TO with fair blow. In 5 min had bubble off bottom with 10 oz, 10 min 2 psi on 1/8" bubble hose, 15 min 2½ psi, 20 mins 3½ psi, 30 min 4 psi, 35 min 4½ psi. Closed tool in 36 min with 5 psi. SI 60 min. Reopened with good blow, 5 min 1 psi on 1/8" bubble hose, 20 min 2½ psi, 30 min 3½ psi. Stabilized at 4 psi. Closed tool in 40 min with 4 psi. SI 120 min. RECOVERY: 5462' formation water (64000 C1), 185' drilling mud (120000 C1). SAMPLER: .55 mcf, 2500 cc formation (64000 C1), 900 psi. PRESSURES: IHP 5463, IFP 390-1602, ISIP 3113, FFP 1639-2651, FSIP 3138, FHP 5462.

DST #2 1042 -10487' (60') Ranger Lake Cisco: Opened with no blow. After 25 min had weak blow with 1 oz on 1/8" bubble hose. Closed tool in 30 min with 1 oz. Reopened with no blow. In 15 mins had 1" in bucket with 1 oz on 1/8" bubble hose. In 40 min had increased to 6" in bucket with 1½ oz, 50 min had 1-3/4 oz, Closed tool in 60 min with 2 oz. SI for 120 min. RECOVERY: 1017' (6.42bbls) formation water, C1 93000. SAMPLER: .5 cfg, 1900 cc formation water (C1 930000, 425 psi. PRESSURES: Depth 10406'. BHT 162°. IHP 5523, IFP 53-179, ISIP 3691, 2nd FP 191-480, FSIP 3538, FFP 492-580, FHP 5523.

DST #3 11882-11990' Misrun.

DST #4 11946-11990': Opened with weak blow. Had 1/8" in bubble bucket, increased to 1½ oz in 30 min. SI 60 min. Opened tool with good blow, 5 oz on bubble hose. Increased to 16# in 45 min. Opened on 1/4" choke with 16.5# increased to 18# in 60 min. GTS in 63 mins at 50 mcfpd. Increased to 27½# in 110 mins. SI with 63 MCFD. SI for 180 mins. RECOVERY: 1500' water cushion, 30' gas cut mud. SAMPLER: 12 psi, .14 cfg, 500 cc mud. PRESSURES: IHP 6316, IFP 727-682, ISIP 3661, FFP 657-569, FSIP 3661, FHP 6316.

DST #5 12340-12363' Misrun.

DST #6 12330-12486': Opened with weak blow, 1/2" in bubble bucket with 0 psi. Closed tool in 30 mins with weak blow in bubble bucket. SI for 60 mins. Reopen with weak blow with 1/2" bubble bucket. Lost packer seat in 10 minutes. RECOVERY: 1800' water cushion, 830' drilling mud. SAMPLER: 2100 cc drilling mud. BHT 194°. PRESSURES: Depth 12312'. IHP 6641, IFP 817-817, ISIP 1401, 2nd FP 817 - packer seat failure.

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