

YATES PETROLEUM CORPORATION

DRILL STEM TESTS

Humble City "ADH" #1
Unit O, 660 FSL & 1980 FEL
Sec. 11-T17S-R37E
Lea County, NM

DST #1 5286-5336' (50') San Andres: TO 10"; SI 61"; TO 61"; SI 191". First open - weak blow. Second open - no blow. Recovery: 220' formation fluid, 521' drilling fluid. Sampler: 0 cfg, 2200 cc formation fluid with trace oil at 153 psi. BHT: 116°. Pressures:

	<u>TOP</u>	<u>BOTTOM</u>
IHP	2351	2356
IFP	36-80	46-93
ISIP	1932	1932
FFP	100-351	112-357
FSIP	1913	1908
FHP	2351	2356

DST #2 9104-9215' Midway Sandstone (111'): TO 15"; SI 60"; TO 60"; SI 120". Opened tool with weak blow. Had 1/4" in bubble hose in 5 minutes. Increased to 1/2" in 15 minutes; 1" in 15 minutes. Re-opened tool with weak blow. Had 1 oz in 10 minutes; 3 oz in 30 minutes; stabilized at 3-1/2 oz after 60 minutes. Recovery: 5' oil and 30' drilling fluid. Sampler: 1/2 cfg; 250 cc oil and 1400 cc water at 140 psi. Oil gravity: 27° @60° F. BHT: 142°.

	Pressures:	<u>TOP</u>	<u>BOTTOM</u>
	IHP	4033	4099
1st	IFP	119	77
Open	FFP	132	77
	ISIP	232	140
2nd	IFP	132	77
Open	FFP	132	77
	FSIP	583	498
	FHP	4033	4099

DST #3 10572-10622' Lower Wolfcamp (50'): TO 5"; SI 60"; TO 60" SI 180". Opened tool with strong blow, 12 oz. Increased to 5# in 3 minutes; 10# in 4 minutes, Re-opened tool with strong blow, 2# in 2 minutes; 12# in 5 minutes; 21# in 10 minutes. Opened on 1/4" choke with GTS. Pressure increased to 25# in 30 minutes; 34# in 60 minutes. Recovery: 14.7' free oil, gas cut. Sampler: 12.1 cfg, 1000 cc oil at 2000#. Gravity: 38°, API 60° F.

	Pressures:	<u>TOP</u>	<u>BOTTOM</u>
	IHP	4886	4929
	IFP	145-182	166-179
	ISIP	4185	4227
	FFP	207-496	204-498
	FSIP	4196	4227
	FHP	4886	4929