

YATES PETROLEUM CORPORATION

Field "APK" State Com. # ~~4~~ 4

4000' FSL & 1980' FWL

Lot 11 of Section 2-T16S-R35E

Lea County, New Mexico

State Lease #VA-604

DRILLING PROGNOSIS

1. ESTIMATED GEOLOGICAL TOPS:

Rustler	1875'	Strawn	11470'
Salt	1975'	Atoka	11675'
San Andres	4620'	Morrow Lime	12250'
Glorietta	6275'	Austin Cycle	12390'
Tubb	7425'	Chester	12600'
Abo	8060'	Mississippian Lime	12740'
		Total Depth	12850'

2. DETAILED CASING DESIGN: All New

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set
14 3/4"	11 3/4"	42#	H-40	ST&C	0 - 400'
11"	8 5/8"	32#	J-55	ST&C	0-4000'
7 7/8"	5 1/2"	17#	L-80	LT&C	0-3200'
7 7/8"	5 1/2"	17#	J-55	LT&C	3200'-7300'
7 7/8"	5 1/2"	17#	N-80	LT&C	7300'-10200'
7 7/8"	5 1/2"	17#	HCP-110	LT&C	10200'-11600'
7 7/8"	5 1/2"	20#	P-110	LT&C	11600'-12850'

3. MUD PROGRAM

Interval	Mud Type	Weight	Viscosity	Fluid Loss	CMH
0 - 400'	Fresh Water Gel/Paper	8.6-9.6	32-36	No Control	
400' - 4700'	Fresh Water going to Brine	8.7-10.2	32-34	No Control	120,000+
4700' - 11400'	Cut Brine w/Sweeps	8.8-9.4	28	No Control	
11400'-12850'	Salt Gel/Starch/Drispac	9.5-10	34-38	<12	80,000+