

YATES PETROLEUM CORPORATION

Pawn "AWP" State #1
660' FNL and 660' FWL
Section 30-T15S-R35E
Lea County, New Mexico

DRILLING PROGNOSIS

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

San Andres	4,500'	Strawn	11,760'
Glorietta	6,079'	Atoka	11,852'
Tubb	7,312'	Morrow Lime	12,500'
Abo	8,071'	Austin	12,700'
Wolfcamp	9,697'	Chester	13,050'
Cisco	11,090'	Mississippi Lime	13,200'
Canyon	11,680'	TD	13,500'

2. PRESSURE CONTROL EQUIPMENT

A 5000 PSI BOPE System will be nipped up on the 8 5/8" casing and tested daily for Operational. See the attached 5000 PSI schematic.

3. THE PROPOSED CASING PROGRAM

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Interval
14 3/4"	11 3/4"	42#	H-40	ST&C	0-400'
11"	8 5/8"	32#	J-55	ST&C	0-4000'
11"	8 5/8"	32#	S-80	ST&C	4000'-4700'
7 7/8"	5 1/2"	17#	S-95	LT&C	0-1000'
7 7/8"	5 1/2"	17#	L-80	LT&C	1000'-4500'
7 7/8"	5 1/2"	17#	J-55	LT&C	4500'-7100'
7 7/8"	5 1/2"	17#	N-80	LT&C	7100'-10300'
7 7/8"	5 1/2"	17#	S-95	LT&C	10300'-11600'
7 7/8"	5 1/2"	20#	HC-P110	LT&C	11600'-13500'

4. Cementing Program:

Surface Casing - Set with approximately 300 sx Class C + 2% CaCl₂ (YLD 1.32 WT 11.9). Circulated.

Intermediate Casing-Set with approximately 850 sx Lite (YLD 2.48 WT11.9). Tail in with 250 sx Class C (YLD 1.32 WT 14.8). Circulated.

Production Casing-Set with approximately 900 sx Super H Modified (YLD 1.67 WT 13.0). Top of cement approximately 9300'.