

YATES PETROLEUM CORPORATION

Big Bear "ATN" #2

1675' FSL & 660' FWL

Section 29-T15S-R35E

Lea County, New Mexico

DRILLING PROGNOSIS

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS

Rustler	1,865'	Strawn	11,590'
Salt	1,965'	Atoka	11,820'
Yates	3,050'	Morrow	12,515'
San Andres	4,900'	Austin	12,750'
Glorieta	6,150'	Chester	13,060'
Tubb	7,340'	Mississippi Lime	13,200'
Abo	7,980'	TD	13,300'
Wolfcamp	9,775'		

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	0-4950'
7 7/8"	5 1/2"	17#	S-95	LT&C	0-700'
7 7/8"	5 1/2"	17#	L-80	LT&C	700'-10100'
7 7/8"	5 1/2"	17#	S-95	LT&C	10100-11700'
7 7/8"	5 1/2"	20#	HCP-110	LT&C	11700'-13300'

4. Cementing Program:

Surface Casing - Set with approximately 200 sx Lite (YLD 2.0 WT 12.5). Tail in with 200 sx Class C (YLD 1.32 WT 14.8). Circulated.

Intermediate Casing-Set with approximately 900 sx Filler Lite (YLD 2.5 WT12). Tail in with 200 sx Class C (YLD 1.32 WT 14.8). Circulated.

Production Casing-Set with approximately 550 sx Super C Modified (YLD 1.67 WT 13.0). Top of cement approximately 9200'.