

**Drilling Program**  
**Mewbourne Oil Company**  
Burton Flats "5" Federal # 4  
660' FSL & 660' FEL  
Section 8- T18S-R31E  
Eddy County, New Mexico  
Lease Number NM-83581

**1. The estimated top of geological markers are as follows:**

Yates	600'
Queen	1000'
San Andres	1700'
Delaware	3000'
Bone Spring	4500'
1 <sup>st</sup> Bone Spring	6100'
2 <sup>nd</sup> Bone Spring	6300'
2ndBone Spring	6800'
3 <sup>rd</sup> Bone Spring	8300'
Wolfcamp	8800'
Cisco/Canyon	9500'
Strawn	9900'
Atoka	10,200'
Morrow	10,400'

**2. Estimated depths of anticipated fresh water, oil, or gas:**

Water	Approximately 200'
Hydrocarbons	All zones below Yates

**3. Pressure control equipment:**

Two thousand psi working pressure annular BOP's will be installed on the 13-3/8" surface casing. Pressure tests will be conducted prior to drilling out under all casing strings. BOP controls will be installed prior to drilling under surface casing and will remain in use until completion of drilling operations. BOP's will be inspected and operated daily to insure mechanical integrity and the inspection will be recorded on the daily drilling report.

Kelly cock and a sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position when the kelly is not in use.