

SUPPLEMENTAL DRILLING DATA

TRANSWESTERN GAS SUPPLY COMPANY
No.3 Fivemile Tank Federal
660'/S 660'/E Sec.17-6S-23E
Chaves County, N.M.

NM 32323

The following items supplement Form 9-331C in accordance with instructions contained in NTL-6.

1. SURFACE FORMATION: Permian San Andres
2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres	Surface
Glorieta	750'
Tubb	2300'
Abo	3000'
3. ESTIMATED DEPTHS TO WATER, OIL OR GAS FORMATION:

Water	- Surface to 300'
Gas	- 3000' to 4500'
4. PROPOSED CASING PROGRAM:

13 3/8" Casing	- Set two joints with rat hole machine and grout to surface.
8 5/8" Casing	- Set at 1800'± and cement with an estimated 950 sx of cement. (Circulate)
4 1/2" Casing	- Set to total depth and cement with an estimated 250 sx of cement to isolate all water, oil and gas zones.

Type of cement and additives will be determined by hole conditions. The intermediate and production casing strings will be tested to 1000 psi.
5. PRESSURE CONTROL EQUIPMENT: Blowout preventer stack will consist of double-ram blowout preventer and rotating head rated to 3000#WP. A sketch of the BOP is attached.
6. CIRCULATING MEDIUM: Hole for 13 3/8" conductor pipe will be drilled with a rat hole auger. Air will be used as the circulating medium for the remainder of the drilling. It is anticipated that a foam additive will be necessary until the intermediate casing is cemented.
7. AUXILIARY EQUIPMENT: Full-opening kelly cock, to fit the drill string in use, will be kept on the rig floor at all times.