

## SUPPLEMENTAL DRILLING DATA

### AMERICAN TRADING AND PRODUCTION CORPORATION WELL NO. 1 LOWE FEDERAL

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

T/Yates	3071'
T/San Andres	4485'
T/Tubb	7240'
T/Abo	7916'
T/Hueco (Wc)	9125'
T/Permo-Penn Pay	9625'
T/Atoka	10995'
T/Miss. Ls.	11315'
T/Wdfd.	11990'
B/Wdfd-T/Sil-Dev.	12060'

3. ANTICIPATED POSSIBLE WATER AND HYDROCARBON BEARING ZONES:

Fresh Water	Above 380 feet
Oil	Wolfcamp
Oil	Devonian

4. PROPOSED CASING AND CEMENTING PROGRAM:

Casing program is shown on form 9-331 C.

13-3/8" casing will be cemented with 400 sacks of Class "C".  
Sufficient to circulate.

8 5/8" casing will be cemented with 2000 sacks of "Light" cement  
and tailed in with 400 sacks of Class "C". Sufficient to circulate.

The 5 1/2" casing will extend from the total depth back to the  
surface and cemented with 770 sacks of Poz Class "H" to approximately  
8500', or higher should other potential pays be encountered.

Cement quantities and additives will be determined when casing is  
run to best suit hole conditions.

5. PRESSURE CONTROL EQUIPMENT:

Blowout preventer stack will be a 3000 psi working pressure stack  
while drilling to the 8-5/8" casing point.

Blowout preventer stack will be a 5000 psi working pressure stack  
while drilling below the 8-5/8" casing point.

A sketch of the BOP stack is attached.

RECEIVED  
FEB 27 1986  
O.C.C.  
NOBBS OFFICE