

SUPPLEMENTAL DRILLING DATA
THE SUPERIOR OIL COMPANY
DELTA FEDERAL NO. 2
EDDY COUNTY, NEW MEXICO

1. SURFACE FORMATION

Quaternary

2. ESTIMATED TOPS OF GEOLOGIC MARKERS

Bone Springs	5,000'
Wolfcamp	8,300'
Strawn	10,350'
Atoka	10,450'
Morrow	11,150'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES

Morrow - 11,150'

4. PROPOSED CASING AND CEMENTING PROGRAM

See Form 9-331C

5. PRESSURE CONTROL EQUIPMENT

BOP sketches attached

6. MUD PROGRAM

<u>DEPTH</u>	<u>TYPE MUD</u>	<u>WT/GAL.</u>	<u>VIS. API</u>	<u>WLCC/30M</u>
0 - 1,700'	Spud	8.6 - 9.2	38 - 42	NC
1,700 - 9,100'	Fresh water	8.4 - 8.6	28	NC
9,100 - 10,200'	Brine	8.8 - 9.2	28	20-25
10,200 - 12,000'	*Brine Polymer	9.8 - 12.0	32 - 34	8-10 w/xc Drispac, Starch, Sea Gel

*3-4% KCL in Morrow