

SUPPLEMENTAL DRILLING DATA
NEARBURG PRODUCING COMPANY
FOSTER 31 FEDERAL WELL NO. 3

1. SURFACE FORMATION:

Dockum Group of Triassic Age.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

San Andres.....	600'	Bottom Dolomite.....	7,962'
Glorieta.....	2,196'	TD.....	8,100'
Bone Springs.....	3,155'		
Wolfcamp Limestone.....	5,384'		
Canyon Limestone.....	7,570'		
Top Dolomite.....	7,650'		

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Wolfcamp Carbonate.....5,950'
Canyon Dolomite.....7,650'

4. CASING AND CEMENTING PROGRAM:

<u>Casing Size</u>	<u>Setting Depth</u>		<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
	<u>From</u>	<u>To</u>			
13-3/8"	0'	450'	48#	J-55	ST&C
9-5/8"	0'	1,300'	36#	J-55	ST&C
7"	0'	8,100'	23# & 26	J-55 & N-80	ST&C & LT&C

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

13-3/8" casing will be cemented with 475 sx or volume necessary to circulate.

NOTE: We plan to drill a 12-1/4" hole to equal 450'. If hole conditions permit we will then continue drilling a 12-1/4" hole from 450' - 1350' and run 9-5/8" casing and circulate cement. If hole conditions do not allow us to drill on from 450', we will open the surface hole to 17-1/2", run 13-3/8" to 450' and cement to surface, and drill a 12-1/4" hole to 1300' and run and cement 9-5/8" casing.

9-5/8" casing will be cemented with 775 sx or volume necessary to tie back into 13-3/8".

7" production casing will be cemented with approximately 950 sx of Class "H" 50/50 POZ.

5. PRESSURE CONTROL EQUIPMENT:

The BOP stack will consist of a 3,000 psi working pressure, dual ram type preventer.

A BOP sketch is attached.

6. CIRCULATING MEDIUM:

Surface to 8,100':

Spud and drill to 4,500' with fresh water mud, weight 8.9 to 9.1 ppg, viscosity 32 to 38. Below 4,500', add brine to bring chlorides up to at least 60,000 ppm. Use starch for water loss of 8-10 cc, viscosity 35-38, mud weight 9.2 to 9.7 ppg.

7. AUXILLARY EQUIPMENT:

None required.

8. TESTING, LOGGING, AND CORING PROGRAM:

Electric logging is planned, drill stem tests possible.

9. ABNORMAL PRESSURES, TEMPERATURES, OR HYDROGEN SULFIDE GAS:

None anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that operations will commence on June 1, 1993, with drilling and completion operations lasting about 45 days.

BLOWOUT PREVENTER SKETCH
Nearburg Producing Company
FOSTER 31 FEDERAL WELL NO. 3

