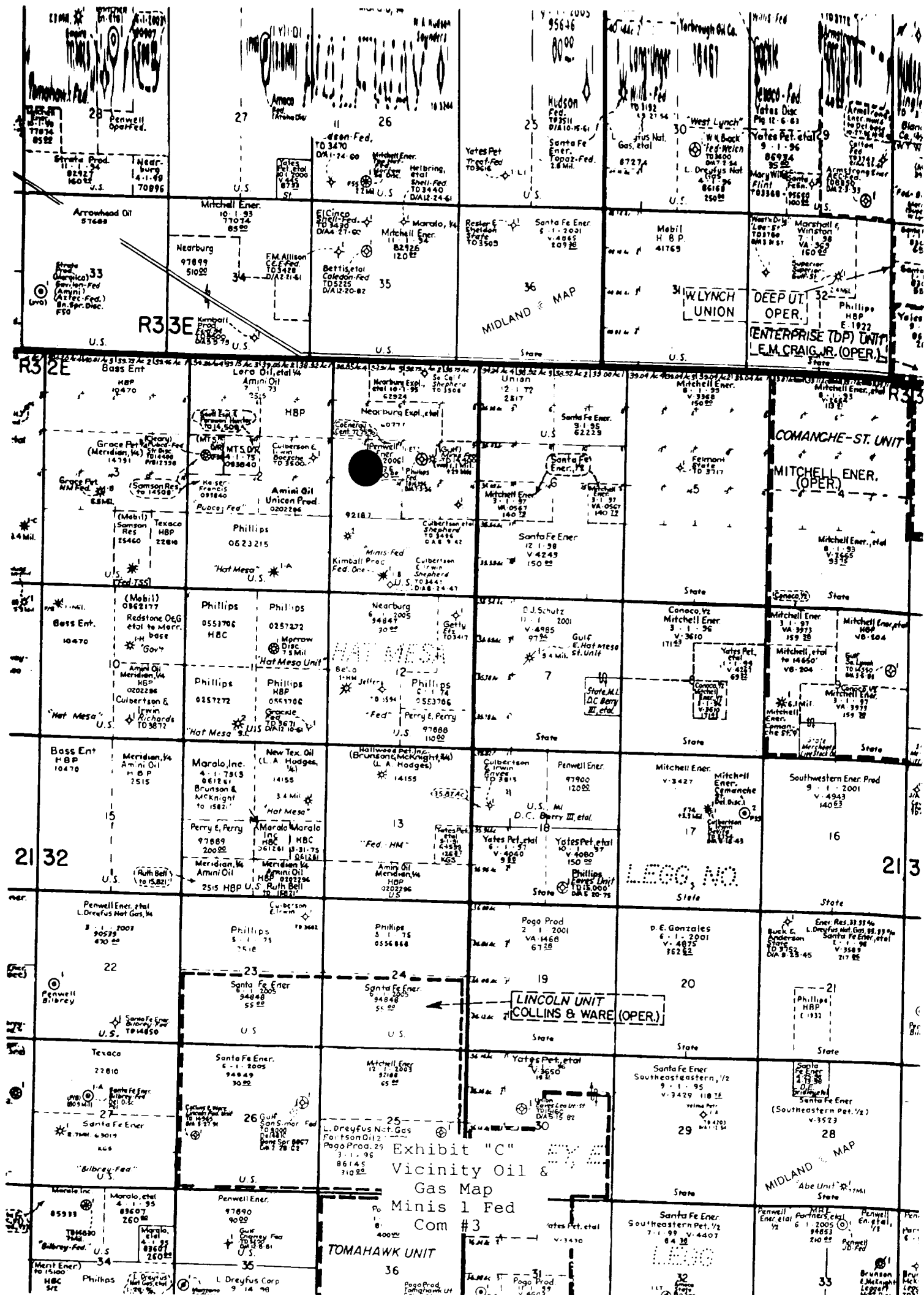




SUPPLEMENTAL DRILLING DATA
NEARBURG PRODUCING COMPANY
MINIS 1 FEDERAL COM #3

1. SURFACE FORMATION:

Quaternary

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Delaware	5,530'	Morrow	13,440'
Bone Spring	8,740'	TD	14,600'
Wolfcamp	11,600'		
Penn Shale	12,200'		
Strawn	12,800'		
Atoka	13,100'		

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Isolated Delaware Sand	5,530' - 8,740'	Atoka	13,200'
		Morrow	13,440'

4. CASING AND CEMENTING PROGRAM:

Casing Size	Setting Depth	Weight	Grade	Joint
	From ____ To			
13-3/8"	0 - 500'	48#	J-55	ST&C
9-5/8"	0 - 4,500'	36#	J-55	STC & LTC
5-1/2"	0 - 4,200'	20#	N-80	LT&C
5-1/2"	4,200' - 8,400'	17#	N-80	LT&C
5-1/2"	8,400' - 14,600'	20#	N-80	LT&C

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

We plan to drill a 17-1/2" hole to equal 500'. 13-3/8" casing will be cemented with 500 sx or volume necessary to tie back to surface.

12-1/4" hole will be drilled to 4,500' and 9-5/8" casing will be cemented with 2,500 sx or volume necessary to tie back to surface.

7-7/8" hole will be drilled and 5-1/2" casing will be cemented with 500 sx of Class "H" 50/50 POZ.

5. PRESSURE CONTROL EQUIPMENT:

The BOP stack will consist of a 5,000 psi working pressure, dual ram type preventer and annular. A BOP sketch is attached.

6. CIRCULATING MEDIUM:

Surface to 14,600'

Spud and drill to 500' with fresh water mud for surface string. The intermediate section will be drilled with 10# brine to 4,500'. The production section from 4,500' - 10,800' will be fresh water, from 10,800' - 12,400' with 9# cut brine, from 12,400' - 14,600' with a Brine/Poly Pac/XCD system with mud weight sufficient to control formation pressures.

7. AUXILIARY EQUIPMENT:

None required.

8. TESTING, LOGGING AND CORING PROGRAM:

Electric logging is planned, drill stem tests, cores and sidewall cores possible.

9. ABNORMAL PRESSURES, TEMPERATURES OR HYDROGEN SULFIDE GAS:

Anticipated bottom hole pressure: 4,000 - 5,000 psi.

No abnormalities anticipated.

10. ANTICIPATED STARTING DATE:

It is planned that operations will commence on May 1, 1997, with drilling and completion operations lasting about 45 days.