

**SUPPLEMENTAL DRILLING DATA
NEARBURG PRODUCING COMPANY
DAGGER DRAW 31 FEDERAL #6**

1. SURFACE FORMATION:

Dockum Group of Triassic Age.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS: (From base of 7" casing)

Strawn	8,220'	Morrow C	9,230'
Atoka	8,620	Miss Barnett Sh	9,350'
Atoka Clastics	8,810'	Miss Chester Lm	9,440'
Base Atoka Clastics	8,910'		
Morrow A	9,015'		
Morrow B	9,140'		

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Morrow

4. CASING AND CEMENTING PROGRAM:

* Existing

	Casing Size	Setting Depth		Weight	Grade	Joint
		From	To			
*	9-5/8"	0'	1,118'	36#	J-55	ST&C
*	7"	0'	8,062'	23 & 26 #	K-55	ST&C and LT&C
	4-1/2" Lnr	7,862'	9,500'	11.60#	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 squeeze the Cisco Canyon and deepen the well to 9,500', set a 4-1/2" production liner and cmt with 200 sx class 'H' cmt.

5. PRESSURE CONTROL EQUIPMENT:

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

A BOP sketch is attached.

6. CIRCULATING MEDIUM:

TD of 7" csg @ 8,062' to 9,500'.

Drill out existing shoe with 9 ppg cut brine. Drill to 9,500' with cut Brine/PolyPac/XCD system with mud weight sufficient to control formation pressures.