

SUPPLEMENTAL DRILLING DATA

HAMON OPERATING COMPANY
WELL #3 DAVIS FEDERAL
2130' FSL & 660' FEL SEC. 13-17S-38E
LEA COUNTY, NEW MEXICO

1. SURFACE FORMATION: Sandy soils of Tertiary Age.
2. ESTIMATED TOPS OF GEOLOGIC MARKERS: (Elev. 3676' G.L.)

Anhydrite	2310'	Wolfcamp	10350'
Yates	3570'	Mississippian	11240'
San Andres	5435'	Woodford	12000'
Glorietta	6750'	Devonian	12180'
Tubb	8370'		

3. ANTICIPATED POROSITY ZONES:

Fresh Water: Above 200'
Oil: Wolfcamp & Devonian

4. CASING DESIGN:

<u>Size</u>	<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Joint</u>
20"	0 - 20'	72#	X-42	-
13 3/8"	0 - 300'	48#	H-40	STC
8 5/8"	0 - 2100'	24#	K-55	STC
	2100 - 4600'	28#	S-80	STC
	4600 - 5000'	32#	S-80	STC
5 1/2"	0 - 1200'	17#	N-80	BUTT
	1200 - 9800'	17#	N-80	LTC
	9800 - 12600'	17#	S-95	LTC

5. SURFACE CONTROL EQUIPMENT: Blowout preventer stack will consist of an annular-type preventer and two ram-type preventers with 3000 psi working pressure. A BOP sketch is attached.