

DRILLING PROGRAM - Attachment to Form 00-3

Devon Energy Production Company, L.P.
OLD RANCH KNOLL "8" FEDERAL COM. #9
810' FSL & 350' FEL, Unit P, Section 8-T22S-R24E
Eddy County, New Mexico

1. Geologic Name of Surface Formation
Quaternary Aeolian deposits

2. Estimated Tops of Important Geologic Markers

San Andres	1550'
Glorietta	2506'
Yeso	2550'
Bone Spring	4520'
3 rd Bone Spring	6733'
Wolfcamp	7246'
Wolfcamp lime marker	7551'
Cisco/Canyon	7950'
dolomite	8432'
ETD	8600'

3. Estimated Depths of Anticipated Fresh Water, Oil or Gas

The estimated depths at which water, oil and gas will be encountered are as follows.

Water: None anticipated

Gas: Cisco/Canyon

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 9 5/8" casing at $\pm 1,600'$ and circulating cement back to surface. The oil and gas intervals will be isolated by setting 7" casing to $\pm 8,600'$ and bringing the cement top to approximately 6000' (or 500' above the Wolfcamp).

4. Casing Program

<u>Hole Size</u>	<u>Interval</u>	<u>Casing OD</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>
25"	0' - $\pm 40'$	20"		Conductor	
12 1/4"	0' - $\pm 1600'$	9 5/8"	36#	H-40	8rd ST&C
8 3/4"	0' - to TD	7"	23#	L-80 & HCL-80	8rd LT&C

Cementing Program

20" Conductor Casing: -- Cement to surface -- Redi-mix.

9 5/8" Surface Casing: -- Cement to surface -- 400 sx Pozmix C (35% Poz, 65% Class C) with 3 lb/sx Kol Seal, 2% CaCl₂, 1/4 lb/sx Cellophane flakes, 6% Bentonite + 200 sx Class C with 2% CaCl₂ and 1/4 lb/sx Cellophane flakes.

7" Production Casing: -- Cement to 6000' -- 500 sx Pozmix C (15% Poz, 61% Class C, 11% gel) with 5 lb/sx LCM-1, 2% CaCl₂, 1% EC-1, 0.6% FL-25, 0.6% FL-52, 0.3% CD-32, 0.3% sodium metasilicate and 1/4 lb/sx Cellophane flakes.

The cement volumes for the 7" casing will be revised pending the caliper measurement from open hole logs.

5. Minimum Specifications for Pressure Control

The blowout preventor equipment (BOP) shown in Exhibit #1 will consist of a (3M system) double ram type (3000 psi WP) preventor and a bag-type (Hydril) preventor (3000 psi WP). Both units will be hydraulically operated and the ram type preventor will be equipped with blind rams on top and 4 1/2" drill pipe rams on bottom. Both BOP's will be installed on the 9 5/8" surface casing and utilized continuously until total depth is reached. As per BLM Drilling Operations Order #2, prior to drilling out the 9 5/8" casing shoe, the BOP's and Hydril will be function tested.