

DRILLING PROCEDURE, Page 2
Big Eddy Unit No. 61
April 12, 1978

Evaluation: Samples should be sacked each 30' from \pm 3250' to 10000' and each 10' from 10000' to TD. The hole will be logged through the Delaware with Sonic-GR, DIL-LL8-Sp, and sidewall cores. A one-man mud log unit will be put on the well from 10000' to TD. Likely DST's are in the Wolfcamp, Strawn, Atoka, and Morrow. The hole will be logged at TD with CNL-FDC and DLL w/MSF from TD to 6900'; an Acoustic and DLL w/MSF from 6900 to 3000'. A possible 200' 4" core may be taken in the T/Strawn at 11427' \pm .

Production Casing: 5-1/2" casing will be set in 7-7/8" hole

5-1/2" casing design for 13250'				
0-3250'	3250'	17#/ft	N-80	LT&C
3250-6480'	3230'	17#/ft	K-55	LT&C
6480-10870'	4390'	17#/ft	N-80	LT&C
10870-13250'	2380'	17#/ft	S-95	LT&C

The casing will be run with a float shoe and a float collar. The casing will be centralized and ruff-coated across potential pay zones. The cement volume should be calculated from the caliper log to return cement to 1000' above the top of Wolfcamp, or to about 9180'. The cement will be about 1100 sx 50-50 Class "H" Pozmix A - 2% gel + 0.5% CFR-2 + 0.8% Halad 22 + 6 lbs/sk KCl, 14.6 ppg, 1.32 ft³/sk.

Nipple Up: The tubing head will be a 10" 5000 WP x 6" 5000 WP. The rig will be moved off after the tubing head is installed.

Time: This well is estimated to require 58 rig days from spud to move-off.