

# EXXON COMPANY, U.S.A.

POST OFFICE BOX 230 • MIDLAND, TEXAS 79702-0230

September 28, 1989

SOUTHWESTERN DIVISION  
MIDLAND DRILLING ORGANIZATION

CHARLES E. CHADWICK  
MANAGER

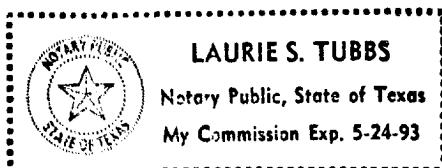
W. F. BURCHARD - Operations Superintendent  
A. L. SOSSAMAN - Operations Superintendent  
D. H. MUTTI - Engineering Manager

LISTED BELOW ARE THE DEVIATION TESTS TAKEN ON THE  
FLAGLER FEDERAL #1:

| DEPTH | ANGLE | DEPTH | ANGLE | DEPTH  | ANGLE |
|-------|-------|-------|-------|--------|-------|
| 132   | 0.75  | 3,310 | 2.50  | 7,402  | 1.25  |
| 340   | 0.75  | 3,373 | 2.25  | 7,838  | 1.25  |
| 428   | 0.50  | 3,431 | 2.00  | 8,249  | 0.75  |
| 621   | 0.50  | 3,491 | 2.00  | 8,715  | 1.25  |
| 764   | 0.50  | 3,565 | 1.75  | 9,064  | 1.25  |
| 933   | 1.00  | 3,626 | 1.25  | 9,383  | 0.50  |
| 1,090 | 0.75  | 3,783 | 1.50  | 9,772  | 1.50  |
| 1,254 | 0.25  | 3,902 | 1.25  | 10,211 | 0.75  |
| 1,400 | 0.50  | 4,030 | 1.50  | 10,586 | 0.50  |
| 1,524 | 0.50  | 4,220 | 1.00  | 11,023 | 1.25  |
| 1,682 | 0.75  | 4,372 | 1.25  | 11,045 | 1.50  |
| 1,869 | 1.00  | 4,529 | 1.25  | 11,482 | 3.00  |
| 2,027 | 1.00  | 4,708 | 2.00  | 11,918 | 3.75  |
| 2,156 | 0.75  | 4,810 | 2.75  | 12,443 | 1.75  |
| 2,307 | 1.00  | 4,842 | 2.00  | 13,132 | 0.75  |
| 2,464 | 1.00  | 4,897 | 1.75  | 13,662 | 0.75  |
| 2,621 | 0.75  | 5,032 | 1.25  | 14,159 | 1.75  |
| 2,778 | 1.00  | 5,289 | 1.00  | 14,391 | 2.25  |
| 2,963 | 1.00  | 5,755 | 0.75  | 14,774 | 1.75  |
| 3,110 | 2.50  | 6,220 | 0.75  | 15,384 | 3.00  |
| 3,151 | 2.00  | 6,655 | 1.00  | 16,135 | 3.50  |
| 3,247 | 2.25  | 7,089 | 1.50  |        |       |

BY: Ellen M. Canoll

SWORN TO and subscribed before me this 28th day of  
September, 1989.



Laurie S. Tubbs  
Notary Public  
Midland, Texas

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JAN 17 1990

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HOBBS OFFICE