

**EXXON** COMPANY, U.S.A.  
POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702

MIDCONTINENT PRODUCTION DIVISION  
W. R. WARDROUP  
DRILLING MANAGER

April 5, 1978

LISTED BELOW ARE THE DEVIATION TESTS TAKEN ON EXXON'S CHARLES S. ALVES NO. 4,  
LEA COUNTY, NEW MEXICO.

| <u>DEPTH</u> | <u>DEGREES OF DEVIATION</u> |
|--------------|-----------------------------|
| 130          | 1-1/4°                      |
| 420          | 1-3/4°                      |
| 573          | 1-1/2°                      |
| 991          | 1°                          |
| 1,495        | 3/4°                        |
| 2,275        | 1°                          |
| 2,773        | 3/4°                        |
| 3,270        | 3°                          |
| 3,331        | 2-1/2°                      |
| 3,369        | 2-1/4°                      |
| 3,442        | 2°                          |
| 3,528        | 1-3/4°                      |
| 3,695        | 1-1/4°                      |
| 3,950        | 1°                          |
| 4,020        | 1/4°                        |
| 4,370        | 3/4°                        |
| 4,870        | 3/4°                        |
| 5,378        | 1/2°                        |
| 5,778        | 3/4°                        |
| 6,040        | 3/4°                        |
| 6,579        | 1°                          |
| 7,032        | 1-1/4°                      |
| 7,475        | 1-1/4°                      |
| 7,975        | 1-3/4°                      |
| 8,461        | 1-1/4°                      |
| 8,705        | 1-1/4°                      |
| 9,205        | 1-1/4°                      |
| 9,660        | 1-1/4°                      |
| 10,200       | 1-1/4°                      |
| 10,225       | 1-1/4°                      |

By D L Clemmer D. L. CLEMMER  
Proxiation Specialist UNIT HEAD

SWORN to and subscribed before me this 6 day of April, 1978

My commission expires: 9-7-79  
A DIVISION OF EXXON CORPORATION

Sandra Matthews  
Notary Public