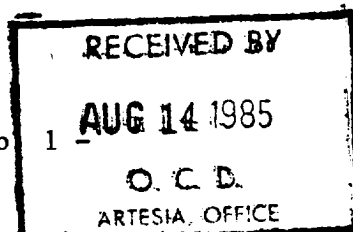


Yates Petroleum Corporation - Deer Canyon South ACK Federal No 1  
Eddy County, New Mexico



The following is a summary of slope tests taken with the best instruments available on the above captioned well. These tests indicate inclination from vertical.

| DEPTH (FEET) | ANGLE<br>INCLINATION (DEGREES) | COURSE<br>DISPLACEMENT (FEET) | ACCUMULATIVE<br>DISPLACEMENT (FEET) |
|--------------|--------------------------------|-------------------------------|-------------------------------------|
| 369          | 2 1/2                          | 16.08                         | 16.08                               |
| 370          | 2 1/4                          | .03                           | 16.11                               |
| 505          | 2                              | 4.71                          | 20.82                               |
| 578          | 1 1/4                          | 1.59                          | 22.41                               |
| 700          | 2                              | 4.25                          | 26.66                               |
| 861          | 1 1/4                          | 3.50                          | 30.16                               |
| 1095         | 2                              | 8.16                          | 38.32                               |
| 1286         | 2 3/4                          | 9.16                          | 47.48                               |
| 1520         | 2 1/2                          | 10.20                         | 57.68                               |
| 1716         | 2                              | 6.84                          | 64.52                               |
| 2217         | 2                              | 17.48                         | 82.00                               |
| 2695         | 1 3/4                          | 14.57                         | 96.57                               |
| 2996         | 1 1/4                          | 6.56                          | 103.13                              |
| 3451         | 2                              | 15.87                         | 119.00                              |
| 3635         | 2 1/4                          | 7.23                          | 126.23                              |
| 3727         | 1 1/2                          | 2.41                          | 128.64                              |
| 3940         | 1 1/2                          | 5.58                          | 134.22                              |
| 4158         | 1 1/2                          | 5.71                          | 139.93                              |
| 4688         | 2 1/2                          | 23.10                         | 163.03                              |
| 4805         | 2 1/2                          | 5.10                          | 168.13                              |
| 4930         | 2 3/4                          | 6.00                          | 174.13                              |
| 5021         | 2                              | 3.17                          | 177.30                              |
| 5145         | 1                              | 2.17                          | 179.47                              |
| 5267         | 1 1/2                          | 3.19                          | 182.66                              |
| 5388         | 1                              | 2.11                          | 184.77                              |
| 5818         | 1 1/4                          | 9.37                          | 194.14                              |
| 6186         | 1 1/2                          | 9.64                          | 203.78                              |
| 6525         | 1                              | 5.93                          | 209.71                              |
| 6959         | 2                              | 15.14                         | 224.85                              |
| 6989         | 2                              | 1.04                          | 225.89                              |
| 7143         | 2 3/4                          | 7.39                          | 233.28                              |
| 7236         | 3                              | 12.91                         | 246.19                              |
| 7326         | 3                              | 4.70                          | 250.89                              |
| 7386         | 2 3/4                          | 2.88                          | 253.77                              |
| 7559         | 3                              | 9.04                          | 262.81                              |
| 7592         | 3 3/4                          | 2.15                          | 264.96                              |
| 7658         | 4                              | 4.60                          | 269.56                              |
| 7689         | 3 3/4                          | 2.02                          | 271.58                              |
| 7750         | 2 3/4                          | 2.92                          | 274.50                              |
| 7777         | 3 1/4                          | 1.53                          | 276.08                              |
| 7825         | 2 3/4                          | 3.52                          | 279.55                              |
| 7974         | 2 1/2                          | 6.49                          | 286.04                              |
| 8199         | 3                              | 11.76                         | 297.80                              |
| 8268         | 2                              | 2.40                          | 300.20                              |

DELTA DRILLING COMPANY

*Ken Heathman*  
Ken Heathman  
Division Manager

STATE OF TEXAS  
COUNTY OF ECTOR

BEFORE ME, the undersigned authority, on this day personally appeared  
KEN HEATHMAN, known to be the person whose name is subscribed to the foregoing  
instrument.

GIVEN UNDER MY HAND AND SEAL OF NOTICE THIS the 28th day of June, 1985

*Carolyn Strunger*