

# INCLINATION REPORT

OPERATOR: Southland Royalty Co.  
 ADDRESS: 21 Desta Drive  
 Midland, Texas 79705

WELL NAME: Uncle Com No. 3  
 LOCATION: Section 28, T-18-S, R-33-E  
 Lea County, New Mexico

08-May-90

30-025-30836

## RECORD OF INCLINATION

| MEASURED DEPTH<br>(feet) | COURSE LENGTH | ANGLE OF<br>INCLINATION<br>(Degrees) | DISPLACEMENT PER<br>HUNDRED FEET<br>(Sine of Angle X100) | COURSE<br>DISPLACEMENT<br>(feet) | ACCUMULATIVE<br>DISPLACEMENT<br>(feet) |
|--------------------------|---------------|--------------------------------------|----------------------------------------------------------|----------------------------------|----------------------------------------|
| 167                      | 167           | 0.75                                 | 1.31                                                     | 2.19                             | 2.19                                   |
| 350                      | 183           | 0.50                                 | 0.88                                                     | 1.60                             | 3.79                                   |
| 743                      | 393           | 0.75                                 | 1.31                                                     | 5.16                             | 8.95                                   |
| 941                      | 198           | 0.75                                 | 1.31                                                     | 2.60                             | 11.55                                  |
| 1194                     | 253           | 0.75                                 | 1.31                                                     | 3.32                             | 14.87                                  |
| 1475                     | 281           | 1.00                                 | 1.75                                                     | 4.92                             | 19.79                                  |
| 1757                     | 282           | 1.00                                 | 1.75                                                     | 4.94                             | 24.72                                  |
| 2072                     | 315           | 0.75                                 | 1.31                                                     | 4.13                             | 28.86                                  |
| 2383                     | 311           | 1.25                                 | 2.19                                                     | 6.80                             | 35.66                                  |
| 2666                     | 283           | 1.00                                 | 1.75                                                     | 4.95                             | 40.61                                  |
| 2885                     | 219           | 1.50                                 | 2.63                                                     | 5.75                             | 46.36                                  |
| 3298                     | 413           | 1.00                                 | 1.75                                                     | 7.23                             | 53.59                                  |
| 3790                     | 492           | 1.50                                 | 2.63                                                     | 12.92                            | 66.50                                  |
| 4268                     | 478           | 0.50                                 | 0.88                                                     | 4.18                             | 70.69                                  |
| 4766                     | 498           | 0.25                                 | 0.44                                                     | 2.18                             | 72.87                                  |
| 5302                     | 536           | 0.50                                 | 0.88                                                     | 4.69                             | 77.56                                  |
| 5665                     | 363           | 0.75                                 | 1.31                                                     | 4.76                             | 82.32                                  |
| 6165                     | 500           | 2.00                                 | 3.50                                                     | 17.50                            | 99.82                                  |
| 6480                     | 315           | 2.00                                 | 3.50                                                     | 11.03                            | 110.85                                 |
| 6827                     | 347           | 2.00                                 | 3.50                                                     | 12.15                            | 122.99                                 |
| 7300                     | 473           | 1.00                                 | 1.75                                                     | 8.28                             | 131.27                                 |
| 7799                     | 499           | 0.50                                 | 0.88                                                     | 4.37                             | 135.63                                 |
| 8251                     | 452           | 2.00                                 | 3.50                                                     | 15.82                            | 151.45                                 |
| 8407                     | 156           | 1.25                                 | 2.19                                                     | 3.41                             | 154.87                                 |
| 8900                     | 493           | 1.00                                 | 1.75                                                     | 8.63                             | 163.49                                 |
| 9308                     | 408           | 1.50                                 | 2.63                                                     | 10.71                            | 174.20                                 |
| 9808                     | 500           | 1.00                                 | 1.75                                                     | 8.75                             | 182.95                                 |
| 10308                    | 500           | 1.00                                 | 1.75                                                     | 8.75                             | 191.70                                 |
| 10780                    | 472           | 1.75                                 | 3.06                                                     | 14.46                            | 206.16                                 |
| 10948                    | 168           | 1.25                                 | 2.19                                                     | 3.68                             | 209.83                                 |
| 11059                    | 111           | 1.00                                 | 1.75                                                     | 1.94                             | 211.78                                 |
| 11640                    | 581           | 0.50                                 | 0.88                                                     | 5.08                             | 216.86                                 |

Accumulative total displacement at well bore at total depth of 11,640' feet = 216.86 feet.  
 Inclination measurements were made in -    Tubing    Casing    Open Hole   X   Drill Pipe.  
 At no time whatsoever was the subject well intentionally deviated from the vertical in any manner.

## INCLINATION DATA CERTIFICATION

I declare that I am authorized to make this certification,  
 that I have personal knowledge of the inclination data and  
 facts placed on this form and that such data and facts are  
 true, correct and complete to the best of my knowledge.

M. D. Mosley  
 Signature of Authorized Representative

M. D. Mosley, Vice President Operations  
 Name of Person and Title

TOI Drilling Corporation  
 Name of Company

Telephone: (915) 563-1948

STATE OF TEXAS )  
 COUNTY OF MIDLAND )

Subscribed and sworn before me this 8th day of May, 1990.

Elizabeth A. Knight  
 Notary Public, State of Texas  
 Elizabeth A. Knight

My commission expires the 10th day of June, 1993.