



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

3D 025-32158

Read & Stevens, Inc.
P.O. Box 1518
Roswell, N.M. 88202

RE: Mark Federal #8

1650/S + 330/E

Gentlemen:

Unit I 3 2Ds 34E

The following is a Deviation Survey on the above referenced well located in Lea County, New Mexico.

| | | |
|----------------|----------------|----------------|
| 477' - 3/4° | 2286' - 2° | 4729' - 2° |
| 979' - 1° | 2787' - 2 1/2° | 5219' - 2° |
| 1356' - 1 3/4° | 3248' - 2 1/4° | 5719' - 1 3/4° |
| 1496' - 2 1/2° | 3756' - 2 1/4° | 6219' - 1 1/2° |
| 1787' - 2 1/4° | 4256' - 2° | 6349' - 1 3/4° |

Sincerely,

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO }
COUNTY OF CHAVES }

The foregoing was acknowledged before me this 20th day of September 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC