

## DRILLING CO., INC. - DIL WELL DRILLING CONTRACTORS

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

December 18, 1997

Ray Westall Operating

P.O. Box 4

Loco Hills, New Mexico

Rawhide Federal #1

24 - 195 - 32e

Unit & 23/0/N @ 660/W

Gentlemen:

30-025-33769

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

2,437' - 2° 4,300' - 1° 2,570' - 2 1/2° 4,726' - 1° 450' -1/2° 6,692' - 1° 1/2°  $7,108' - 1 \frac{1}{4}^{\circ}$  $1,003' - 3/4^{\circ}$   $2,720' - 21/2^{\circ}$   $5,185' - 1^{\circ}$   $1,472' - 1^{\circ}$   $3,381' - 11/2^{\circ}$   $5,711' - 1^{\circ}$   $1,967' - 1/4^{\circ}$   $3,865' - 1^{\circ}$   $6,204' - 1^{\circ}$ 7,314' - 1 1/2° 7,750' - 1 3/4°

Sincere!

. Chappeil Contracts Manager

STATE OF NEW MEXICO)

COUNTY OF CHAVES

The foregoing was acknowledged before me this 18th day of December 1997 by Gary W. Chappell.

MY COMMISSION EXPIRES

JUNE 20, 2000

NOTARY PUBLIC