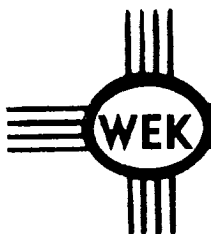


RECEIVED 171 3 1989

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

RECEIVED

APR 18 '89

April 04, 1989

O. C. D.
ARTESIA OFFICE

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

REF: Marbob State #1

Gentlemen:

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

393' - 1/4°	4636' - 1/2°	7971' - 2 1/2°
886' - 3/4°	5130' - 0°	8467' - 2 3/4°
1384' - 1/2°	5245' - 3/4°	8962' - 1 1/2°
1730' - 1°	5510' - 1°	9333' - 1 1/4°
2230' - 1 1/4°	5996' - 1/4°	9829' - 1 1/3°
2800' - 1°	6491' - 1°	10,000' - 1 1/2°
3305' - 1°	6982' - 1°	10,494' - 1 1/2°
3621' - 1°	7336' - 1 1/2°	10,852' - 3/4°
4146' - 1 3/4°	7845' - 2 1/2°	11,450' - 3/4° TD

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 4th day of April 1989 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 7th, 1992

NOTARY PUBLIC