



DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

KEN REYNOLDS--PRESIDENT
ARNIE NEWKIRK--VICE-PRESIDENT

P. O. Box 149B ROSWELL, NEW MEXICO 88202-149B
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

September 13, 1993

Mewbourne Oil Company
P.O. Box 5270
Hobbs, N.M. 88241

RE: Chalk Bluff "31" State #1

Gentlemen:

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

390' - 1/2°	3988' - 1 1/4°	5729' - 4°	7382' - 2 1/4°
867' - 3/4°	4493' - 1 3/4°	5722' - 3 1/4°	7851' - 1 1/4°
1338' - 3/4°	4995' - 3 1/4°	5786' - 3 1/2°	8342' - 1 1/2°
1839' - 1 1/4°	5120' - 3 3/4°	5879' - 3°	8844' - 1 1/4°
1988' - 1/2°	5215' - 4 1/4°	5974' - 3°	9077' - 1/2°
2201' - 3/4°	5310' - 4 1/4°	6195' - 3 1/2°	9568' - 1°
2555' - 0°	5403' - 4°	6352' - 3 1/4°	9959' - 1 3/4°
3051' - 1/2°	5497' - 4 1/2°	6795' - 2 1/2°	10,200' - 2 3/4° T.D.
3520' - 3/4°	5527' - 4 1/4°	7210' - 2 1/4°	

Sincerely,

Gary W. Chappell
Contracts manager

STATE OF NEW MEXICO }
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 13th day of September 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC