



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OILWELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498

505/623-5070

ROSWELL, NM

505/746-2719

ARTESIA, NM

MAR 20 '89

ARTESIA, OFFICE

March 17, 1989

Elk Oil Company
P.O. Box 310
Roswell, N.M. 88201

Ref: SE State #3

Gentlemen:

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

493' - 1/2°	2428' - 1/2°	4828' - 1 1/4°
828' - 1/2°	2896' - 3/4°	5308' - 1 1/4°
1225' - 3/4°	3354' - 3/4°	5799' - 1 1/4°
1318' - 1/4°	3841' - 3/4°	5987' - 1 1/4°
1500' - 1/4°	4300' - 3/4°	6200' - 1 1/4° TD
1936' - 1/2°	4514' - 1°	

Sincerely,

Arnold Newkirk
Vice-President

STATE OF NEW MEXICO)

)

COUNTY OF CHAVES)

The foregoing was acknowledged before me this 16th day of March 1989 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 7, 1992

NOTARY PUBLIC