



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

August 30, 1988

Elk Oil Company  
P.O. Box 310  
Roswell, New Mexico 88201

RE: Chase McKaney # 1

*2310/S + 990/E 13-16-34*

Gentlemen:

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

418' - 1/2°	4280' - 3/4°	8170' - 1°
892' - 1/2°	4689' - 3/4°	8360' - 1 1/2°
1395' - 1/2°	5036' - 1 1/4°	8869' - 1°
1679' - 1/4°	5381' - 1°	9370' - 1 1/4°
2180' - 3/4°	5881' - 1°	9833' - 1 1/2°
2650' - 1/2°	6157' - 1 1/4°	10,530' - 1 1/2°
3185' - 1/2°	6669' - 1°	10,660' - 1 1/2°
3657' - 1/2°	7171' - 1 1/4°	10,900' - 1 1/2° T.D.
3775' - 1/2°	7674' - 1 1/4°	

Sincerely,

*Arnold Newkirk*

Arnold Newkirk  
Vice-President

STATE OF NEW MEXICO)

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COUNTY OF CHAVES )

The foregoing was acknowledged before me this 31<sup>st</sup> day  
of August 1988 by Arnold Newkirk.

MY COMMISSION EXPIRES

*Jo-Phillips*  
Notary Public

11-19-91