



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

November 12, 1993

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

RE: Mark Federal #4

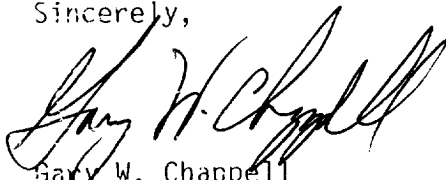
Gentlemen:

Unit P  
9901st 3301E 30-025-31818

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

482' - 1/2°	2475' - 2 1/4°	5005' - 3/4°
967' - 3/4°	2978' - 2 1/2°	5494' - 3/4°
1175' - 1 1/4°	3476' - 2°	5995' - 1/2°
1486' - 1 1/2°	3974' - 2 1/4°	6480' - 3/4°
1975' - 2°	4474' - 2°	

Sincerely,

  
Gary W. Chappell  
Contracts manager

STATE OF NEW MEXICO)  
COUNTY OF CHAVES )

The foregoing was acknowledged before me this 12th day of November 1993 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

  
NOTARY PUBLIC