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JUN 15 1981

KENNETH D. REYNOLDS - ARTESIA  
LESLIE K. EVERTSON - ROSWELL

WEK

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88502  
TELEPHONES: ARTESIA 505/746-0000  
ROSWELL 505/622-1000

June 11, 1981

C.W. Stumhoffer  
Suite 1007, Ridglea Bank Bldg.  
Ft. Worth, Texas 76116

Re: Federal CS #1

Gentlemen:

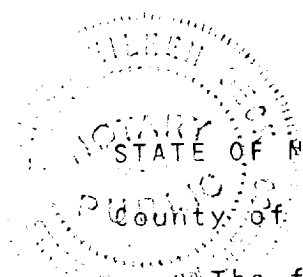
The following is a Deviation Survey of the above well  
located in Lea County, New Mexico.

|              |                 |
|--------------|-----------------|
| 500' - 1/2°  | 2742' - 3/4°    |
| 985' - 1/2°  | 3240' - 1°      |
| 1460' - 1/2° | 3740' - 3/4°    |
| 1600' - 3/4° | 4155' - 3/4°    |
| 1655' - 3/4° | 4241' - 3/4°    |
| 2250' - 1/2° | 4740' - 1°      |
|              | 4784' - 1° T.D. |

Yours very truly,

WEK DRILLING CO., INC.

*Arnold Newkirk*  
Arnold Newkirk



STATE OF NEW MEXICO )  
COUNTY OF CHAVES )

The foregoing was acknowledged before me this 11th day  
of June, 1981 by Arnold Newkirk.

My Commission Expires:  
1/12/85

*Gissa Elean Deek*  
Notary Public