



**DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS**

KEN REYNOLDS—PRESIDENT  
ARNIE NEWKIRK—VICE-PRESIDENT

P. O. BOX 1498 ROSWELL, NEW MEXICO 88202-1498  
505/623-5070 505/746-2719  
ROSWELL, NM ARTESIA, NM

30-825-31315

August 12, 1991

Mitchell Energy Corporation  
Suite 1000  
400 W. Illinois  
Midland, Texas 79701

REF: Geronimo Fed #4 Unit F 31-19-33

Gentlemen:

1980/N 7W

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

|                |                |                |
|----------------|----------------|----------------|
| 538' - 1/4°    | 3905' - 1 1/4° | 6972' - 1°     |
| 826' - 1/4°    | 4009' - 1 1/4° | 7446' - 3/4°   |
| 1315' - 1/2°   | 4656' - 1°     | 7508' - 3/4°   |
| 1747' - 1°     | 5001' - 1 1/2° | 7920' - 3/4°   |
| 2250' - 1°     | 5472' - 1 3/4° | 8415' - 1 1/2° |
| 2750' - 1 3/4° | 5972' - 2°     | 8915' - 1°     |
| 3403' - 1 1/2° | 6472' - 1°     | 9514' - 2 1/2° |
|                |                | 10500' - 1° TD |

Sincerely,

*Arnold Newkirk*

Arnold Newkirk  
Vice-President



STATE OF NEW MEXICO)  
COUNTY OF CHAVES )

The foregoing was acknowledged before me this 12th day of August 1991 by Arnold Newkirk.

MY COMMISSION EXPIRES

October 07, 1992

*Linda Rogers*

NOTARY PUBLIC