

PAM

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

December 10, 1985

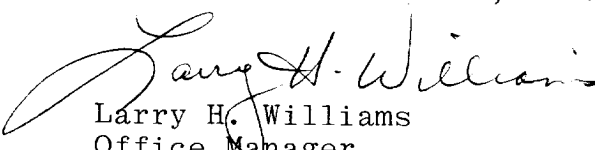
Operator: Mobil Producing Texas & New Mexico

Cullins Federal #4
Section 4, Township 24N, Range 3W
Rio Arriba County, New Mexico

DEVIATION RECORD

<u>DATE</u>	<u>DEPTH</u>	<u>DEVIATION</u>
11-3-85	199'	3/4°
11-4-85	900'	1/2
"	1390'	3/4°
11-5-85	1820'	1/2°
"	2300'	3/4°
"	2800'	1°
11-6-85	3080'	1°
"	3450'	1°
11-15-85	3704'	1°
11-15-85	4100'	3/4°
11-17-85	4600'	3/4°
11-18-85	5100'	1°
11-21-85	6013'	3/4°
11-22-85	6512'	3/4°
11-23-85	7010'	1/2°
11-24-85	7259'	1/2°
11-26-85	7660'	1/2°
11-28-85	7850'	1/2°

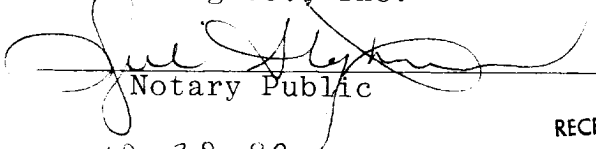
ARAPAHOE DRILLING CO., INC.


Larry H. Williams
Office Manager

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public,
this 10 day of December, 1985, by Larry H. Williams,
Office Manager of Arapahoe Drilling Co., Inc.

RECEIVED
JAN 13 1986
OIL COM. DIV.
DIST. 1


Notary Public

My commission expires:

10-28-88

RECEIVED

DEC 18 1985

G. E. TATE

RECEIVED
DEC 23 1991
PRODUCTION
ACCTG.