

ARAPAHOE DRILLING CO., INC.
P. O. BOX 26687
ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

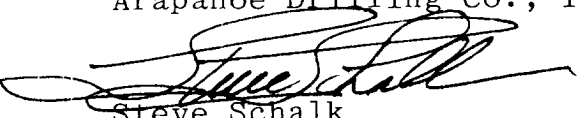
May 2, 1983

DEVIATION RECORD

Re: Jicarilla 71-11
Section 3, Township 23 North, Range 4 West
Rio Arriba County, New Mexico

<u>DATE</u>	<u>FOOTAGE</u>	<u>DEVIATION</u>
4/13/83	220'	1/4°
4/14/83	529'	3/4°
	1026'	3/4°
4/15/83	1487'	3/4°
	1990'	1°
4/16/83	2504'	3/4°
	2999'	3/4°
4/17/83	3522'	1°
4/18/83	4012'	1°
4/19/83	4459'	1°
4/20/83	4938'	1°
4/21/83	5460'	1-1/4°
4/22/83	5956'	1-1/4°
	6128'	1°
4/24/83	6606'	1°
4/25/83	7157'	1°
4/26/83	7604'	1°

Arapahoe Drilling Co., Inc.


Steve Schalk
President

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public,
this 2nd day of May, 1983, by Steve Schalk,
President of Arapahoe Drilling Co., Inc.

OFFICIAL SEAL
JAMES C. CUNNINGHAM
Notary Public, State of New Mexico
My Commission Expires: 3/7/87


Notary Public

RECEIVED
MAY 18 1983
OIL CON. DIV.
DIST. 3