

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

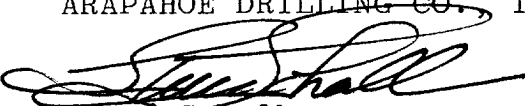
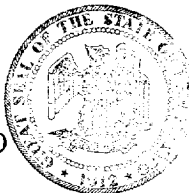
April 6, 1983

DEVIATION RECORD

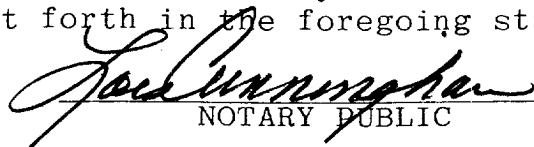
Re: Jicarilla 47-3 JV
Section 11, Township 23 North, Range 4 West
Rio Arriba County, New Mexico

<u>DATE</u>	<u>FOOTAGE</u>	<u>DEVIATION</u>
1/05/83	218'	1/4°
1/07/83	993'	1/4°
1/07/83	1552'	1/2°
1/07/83	1801'	1/2°
1/08/83	2019'	3/4°
1/08/83	2295'	1°
1/08/83	2511'	1°
1/10/83	2820'	3/4°
1/10/83	2976'	3/4°
1/12/83	3350'	1°
1/12/83	3536'	3/4°
1/13/83	3843'	3/4°
1/14/83	4153'	3/4°
1/15/83	4463'	1°
1/15/83	4769'	1°
1/16/83	5079'	1°
1/17/83	5244'	3/4°
1/17/83	5541'	3/4°
1/18/83	5850'	3/4°
1/19/83	6221'	3/4°
1/20/83	6502'	3/4°
1/21/83	6837'	3/4°
1/21/83	6929'	1°
1/24/83	7627'	3/4°

ARAPAHOE DRILLING CO., INC.


Steve Schalk
PresidentSTATE OF NEW MEXICO
COUNTY OF BERNALILLOOFFICIAL SEAL
LOIS CUNNINGHAMNOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 3/2/87

On this 11th day of April, 1983, before me, a Notary Public,
personally appeared Steve Schalk, who is personally known to me,
and makes oath that the matters set forth in the foregoing state-
ment are true.


NOTARY PUBLIC

RECEIVED

APR 13 1983

OIL CON. DIV.
DIST. 3