ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK PRESIDENT

January 10, 1984

AAA Operating Co., Inc. Operator:

Well: Federal "R" #2

Section 15, Township 27 North, Range 8 West

San Juan County, New Mexico

DEVIATION RECORD

DATE	DEPTH	DEVIATION
12/23/83	100'	1/4°
, ,	272'	1/4°
12/26/83	783'	1/2°
	1374'	1/2°
12/27/83	1869'	1/2°
	2416'	1/2°
12/28/83	2920'	3/4°
12/29/83	3330'	1°

STATE OF NEW MEXICO COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public, this ______ day of January, 1984, by Steve Schalk, President of Arapahoe Drilling Co., Inc.

OFFICIAL SEAL

CIS CUMNINGHAM

A GARA PUBLIC - NEW MEXICO

Nutary Hand Filed with Secretary of State My Commission Expires: 3

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