

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK  
PRESIDENT

December 29, 1983

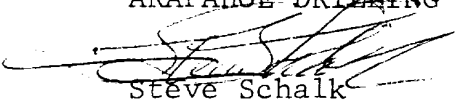
Operator: AAA Operating Co., Inc.

Well: Federal R #1A  
SE/4, Section 15, Township 27 North, Range 8 West  
San Juan County, New Mexico

DEVIATION RECORD

DATE	DEPTH	DEVIATION
12/13/83	100'	1/4°
	261'	1/4°
12/14/83	783'	1/4°
12/15/83	1281'	1/2°
	1806'	1/2°
	2391'	3/4°
12/16/83	2881'	3/4°
	3351'	1°
12/18/83	3867'	1°
12/19/83	4373'	1-1/4°
12/21/83	4860'	1-1/4°

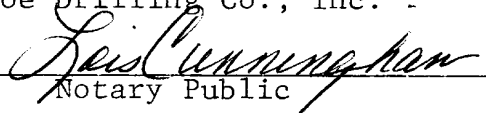
ARAPAHOE DRILLING CO., INC.

  
Steve Schalk  
President

STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public,  
this 29<sup>th</sup> day of December, 1983, by Steve Schalk,  
President of Arapahoe Drilling Co., Inc. -

OFFICIAL SEAL  
LOIS CUNNINGHAM  
NOTARY PUBLIC - NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires: 3/7/87

  
Notary Public

