

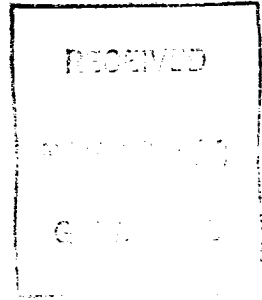
## ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK  
PRESIDENT

November 23, 1983

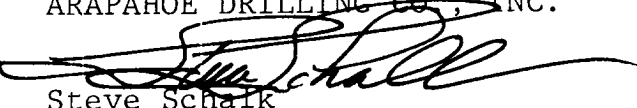


OPERATOR: Mobil Producing Texas &amp; New Mexico

WELL: Cullins Federal #3  
Section 4, Township 24 North, Range 3 West  
Rio Arriba County, New MexicoDEVIATION RECORD

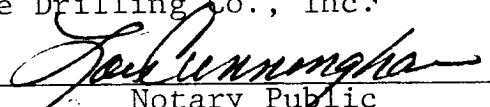
DATE	DEPTH	DEVIATION
10/25/83	397'	3/4°
10/26/83	877'	3/4°
	1372'	1/2°
	1871'	3/4°
10/27/83	2368'	3/4°
	2862'	3/4°
10/28/83	3357'	3/4°
	3400'	3/4°
10/30/83	3930'	1/2°
	4428'	1/2°
11/01/83	4951'	3/4°
	5451'	3/4°
11/02/83	5663'	3/4°
11/03/83	6155'	1°
11/04/83	6648'	1°
11/05/83	6760'	3/4°
11/07/83	7236'	3/4°
11/15/83	8011'	3/4°

ARAPAHOE DRILLING CO., INC.

  
Steve Schalk  
President

RECEIVED

FEB 02 1984

PRODUCTION  
ACCIGSTATE OF NEW MEXICO  
COUNTY OF BERNALILLOSubscribed and sworn to before me, a Notary Public,  
this 23rd day of November, 1983, by Steve Schalk,  
President of Arapahoe Drilling Co., Inc.  
Notary Public

OFFICIAL SEAL

LOIS CUNNINGHAM

NOTARY PUBLIC - NEW MEXICO

Notary Bond Filed with Secretary of State

My Commission Expires: 3/2/84