

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK  
PRESIDENT

October 7, 1983

Operator: Chace Oil Co., Inc.

Jicarilla 71-21


NW/SE Section 10, Township 23 North, Range 4 West

Rio Arriba County, New Mexico

DEVIATION RECORD

<u>DATE</u>	<u>DEPTH</u>	<u>DEVIATION</u>
9/09/83	223'	1/4°
9/10/83	747'	1/4°
9/11/83	1238'	1/2°
	1736'	3/4°
	2292'	1°
9/12/83	2707'	1-1/4°
	3316'	1-1/4°
	3378'	1°
9/13/83	3874'	3/4°
9/14/83	4404'	3/4°
9/15/83	4899'	3/4°
9/16/83	5452'	3/4°
9/17/83	6131'	1-1/2°
9/19/83	6901'	1-1/4°
9/21/83	7550'	1/2°

ARAPAHOE DRILLING CO., INC.

  
Steve Schalk  
President

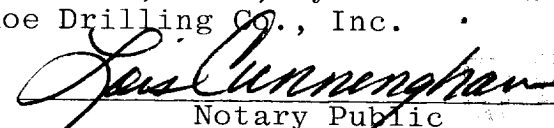
STATE OF NEW MEXICO  
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public,  
this 7<sup>th</sup> day of October, 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

RECEIVED  
OCT 10 1983  
CON. DIV.  
PMT. 3