

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

October 29, 1984

Operator: Chace Oil Company

Jicarilla 71-35

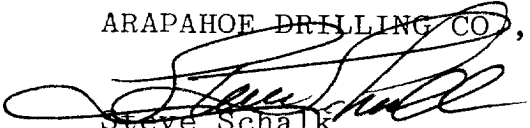
Section 10, Township 23 North, Range 4 West

Rio Arriba County, New Mexico

DEVIATION RECORD

DATE	DEPTH	DEVIATION
10/07/84	223'	1 1/2°
10/08/84	727'	1 1/2°
	1098'	1 1/2°
10/09/84	1591'	1°
	2173'	1 1/4°
10/10/84	2693'	1 1/4°
	3215'	1°
10/11/84	3737'	1°
10/12/84	4258'	1 1/2°
10/13/84	4786'	1 1/2°
10/14/84	5495'	1 3/4°
10/16/84	6177'	1 1/2°
10/17/84	6640'	1 1/2°
10/18/84	7136'	1 1/4°
10/19/84	7484'	1 1/4°

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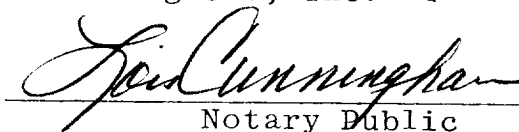

Steve Schalk
President

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public,
this 29th day of October, 1984, 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: 2/7/87


Notary Public