

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

November 20, 1984

Operator: Chace Oil Company

Jicarilla 71-39

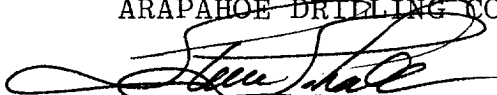
Section 9, Township 23 North, Range 4 West

Rio Arriba County, New Mexico

DEVIATION RECORD

DATE	DEPTH	DEVIATION
10/23/84	226'	1/2°
10/24/84	759'	1/4°
	1253'	1/2°
10/25/84	1439'	1/2°
	1961'	1°
	2454'	1 1/4°
10/26/84	3039'	1 1/4°
10/27/84	3595'	1 3/4°
	3844'	1 3/4°
10/28/84	4369'	1 1/2°
10/29/84	4800'	1 1/2°
10/30/84	5356'	1 1/4°
10/31/84	5910'	1 1/4°
11/02/84	6462'	1 1/4°
11/03/84	6954'	1 1/4°
	7076'	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 21ST day of November, 1984, by Steve Schalk,
President of Arapahoe Drilling Co., Inc.

RECEIVED
NOV 27 1984
OR. CLERK. DIV.
NOT. 3

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


Notary Public

