

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

October 11, 1984

Operator: Chace Oil Company

Jicarilla 71-38

Section 9, Township 23 North, Range 4 West
Rio Arriba County, New MexicoDEVIATION RECORD

DATE	DEPTH	DEVIATION
9/22/84	225'	3/4°
9/23/84	727'	1/2°
9/24/84	1716'	1°
	2244'	1 3/4°
9/25/84	2865'	1 1/2°
9/26/84	3356'	1 1/2°
	3573'	2°
9/27/84	4127'	1 1/2°
9/28/84	4622'	1 1/2°
	5148'	1 1/4°
9/29/84	5555'	1°
9/30/84	6042'	1°
10/02/84	6563'	1 1/2°
10/03/84	7093'	2°
10/04/84	7239'	2°

ARAPAHOE DRILLING CO., INC.


Steve Schalk
PresidentOCT 23 1984
OIL CON. DIV.
DIST. 3STATE OF NEW MEXICO
COUNTY OF BERNALILLOSubscribed and sworn to before me, a Notary Public,
this 15th day of October, 1984, by Steve Schalk,
President of Arapahoe Drilling Co., Inc. .
Notary PublicOFFICIAL SEAL
LOIS CUNNINGHAMNOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 3/7/87