

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

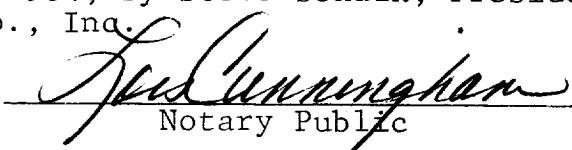
May 14, 1984

OPERATOR: Chace Oil Co., Inc.

WELL: Jicarilla 71-23
Section 10, Township 23 North, Range 4 West
Rio Arriba County, New MexicoRECEIVED
MAY 22 1984OIL CON. DIV.
DIST. 3DEVIATION RECORD

DATE	DEPTH	DEVIATION
4/23/84	224'	3/4°
4/24/84	727'	3/4°
	1280'	3/4°
4/25/84	1742'	1°
	2264'	1°
	2819'	1/2°
	2941'	1/4°
4/26/84	3496'	1/2°
4/27/84	3990'	1/2°
4/28/84	4481'	1/2°
	4909'	1/2°
4/30/84	5408'	1/2°
	5563'	1/2°
5/01/84	6088'	3/4°
5/02/84	6673'	3/4°
5/03/84	7156'	1-3/4°
5/06/84	7632'	2°

ARAPAHOE DRILLING CO., INC.


Steve Schalk
PresidentSTATE OF NEW MEXICO
COUNTY OF BERNALILLOSubscribed and sworn to before me, a Notary Public, this
15th day of May, 1984, by Steve Schalk, President
of Arapahoe Drilling Co., Inc.OFFICIAL SEAL
LOIS CUNNINGHAMNOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 3/7/87
Notary Public