

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

June 11, 1985

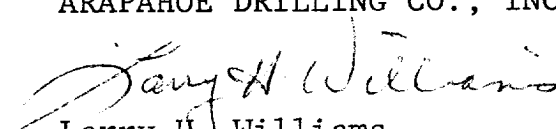
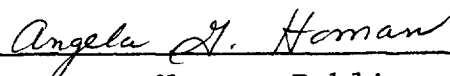
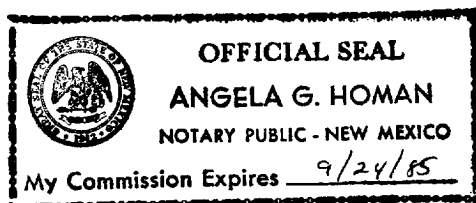
RECEIVED
JUN 27 1985
OIL CON. DIV.
DIST. 3

Operator: Chace Oil Co., Inc.

Jicarilla 47-16
13 Section 8, Township 23 North, Range 4 West
Rio Arriba County, New MexicoDEVIATION RECORD

DATE	DEPTH	DEVIATION
5-22-85	228'	3/4°
5-23-85	720'	1/2°
5-24-85	1745'	3/4°
	2303'	1 1/4°
	2806'	1 1/2°
5-25-85	3231'	1 1/2°
5-26-85	3814'	1 1/2°
5-27-85	4334'	1 1/4°
	4744'	1/2°
5-29-85	5256'	1/2°
	5745'	3/4°
5-30-85	5965'	3/4°
6-01-85	6422'	3/4°
6-02-85	6972'	1/2°
6-04-85	7219'	1 1/2°

ARAPAHOE DRILLING CO., INC.


Larry H. Williams
Office ManagerSTATE OF NEW MEXICO
COUNTY OF BERNALILLOSubscribed and sworn to before me, a Notary Public, this
11th day of June, 1985, by Larry H. Williams, Office
Manager of Arapahoe Drilling Co., Inc.
Notary Public