

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT~~230-40~~
Jicarilla Apache Contract
47 #30

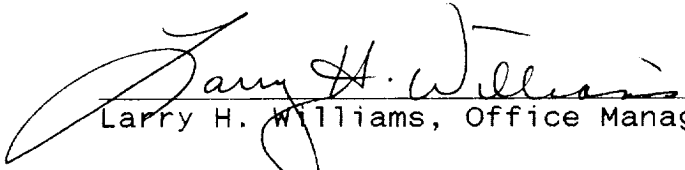
January 31, 1991

DEVIATION REPORT

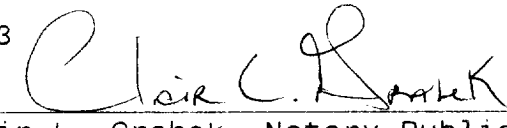
Chace Oil Company
Jicarilla Apache 47-30
Rio Arriba County, New Mexico

Date	Depth	Deviation
12-10-90	235'	3/4°
	540'	1/2°
12-11-90	840'	1°
	1440'	3/4°
	1722'	3/4°
	2044'	1°
12-12-90	2633'	1°
12-13-90	3219'	0°
12-14-90	3750'	1/4°
12-15-90	4250'	1/4°
12-16-90	4884'	1/2°
12-17-90	5320'	3/4°
12-18-90	5720'	1/2°
12-19-90	6221'	1/2°
	6690'	1/2°
12-20-90	7240'	3/4°
	7520'	1°
12-22-90	7675'	1°

RECEIVED
FEB 04 1991
OIL CON. DIV.
DIST. 3

I CERTIFY THE ABOVE TO BE TRUE AND COMPLETE TO THE BEST OF MY
KNOWLEDGE AND BELIEF.
Larry H. Williams, Office Manager*1/31/91*
DateSWORN AND subscribed to this 31th day of January 1991, by Larry H.
Williams, known to me to be the Office Manager of Arapahoe
Drilling Co., Inc.

My Commission Expires: June 7, 1993


Clair L. Grahek, Notary Public

RECEIVED
JAN 10 1964
OFFICE OF THE
DIRECTOR