

J-13-23N-4W

ARAPAHOE DRILLING CO., INC.

P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
PRESIDENT

October 14, 1987

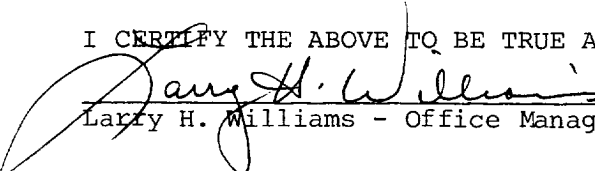
DEVIATION REPORT

Jicarilla Apache 47-39
Rio Arriba County, NM

Date	Depth	Deviation
9-10-87	240'	1/4°
9-11-87	540'	1/2°
9-12-87	1,150'	1/2°
	1,435'	1/2°
	2,022'	1/2°
9-13-87	2,340'	1/4°
	2,645'	1/2°
	2,853'	1°
9-14-87	3,170'	3/4°
	3,465'	1 1/4°
9-15-87	3,765'	1 1/2°
	3,957'	1 1/4°
	4,129'	1 1/8°
9-16-87	4,422'	3/4°
9-17-87	4,919'	3/4°
9-18-87	5,360'	1°
9-20-87	5,842'	1 1/4°
	6,356'	1 1/4°
9-22-87	7,216'	1 3/4°
9-23-87	7,536'	1°

RECEIVED
OCT 16 1987
OIL CON. DIV.
DIST. 3

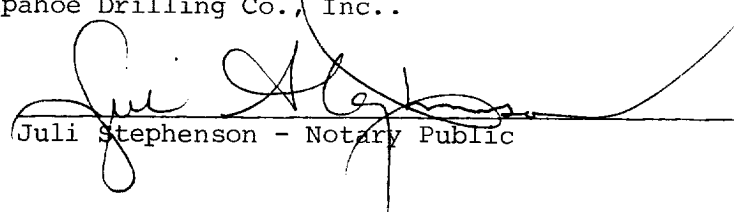
I CERTIFY THE ABOVE TO BE TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF.


Larry H. Williams - Office Manager

October 14, 1987

SWORN and SUBSCRIBED to this 14th day of October, 1987, by Larry H. Williams, known to me to be the Office Manager of Arapahoe Drilling Co., Inc..

My Commission Expires: 10-24-88


Juli Stephenson - Notary Public