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OIL COMPANY
DIST. 1

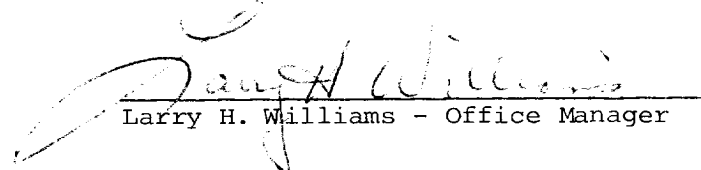
M. R. SCHALK
P. O. BOX 25825
ALBUQUERQUE, NEW MEXICO 87125

AREA CODE 505
TELEPHONE 247-2294

DEVIATION SURVEYS
SCHALK MYERS #1
Rio Arriba County, New Mexico

DATE	FOOTAGE	DEVIATION
9-14-86	331'	1/4°
9-16-86	849'	3/4°
	1,325'	3/4°
	1,800'	1 1/4°
9-17-86	2,620'	1°
	3,134'	1°
9-18-86	3,611'	1 1/4°
9-19-86	4,093'	1°
9-21-86	4,559'	1/2°
9-22-86	5,086'	1/2°
9-24-86	5,557'	3/4°
	5,795'	1°
9-26-86	6,289'	1 1/4°
	6,504'	1 3/4°
9-27-86	6,894'	1 1/4°
9-30-86	7,406'	1°
10-1-86	7,850'	1/2°

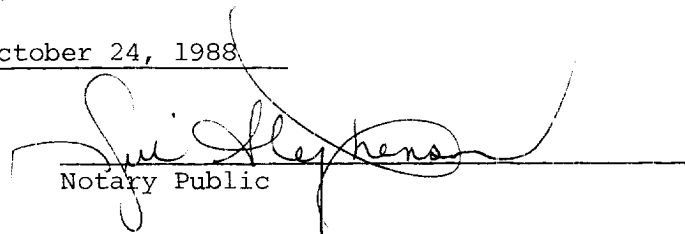
I CERTIFY that this is true and correct to the best of my knowledge and belief.


Larry H. Williams - Office Manager

December 18, 1986
Date

SUBSCRIBED and SWORN before me by Larry H. Williams, Office Manager for Arapahoe Drilling Co., Inc..

My commission expires: October 24, 1988


Notary Public