

ARAPAHOE DRILLING CO.
P. O. BOX 26687
ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
GENERAL MANAGER

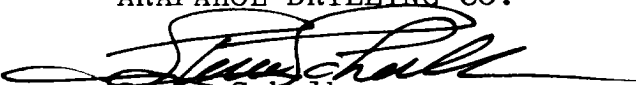
November 4, 1982

Lindrith "B" Unit #23
Section 16, Township 24 North, Range 3 West
Rio Arriba County, New Mexico

DEVIATION RECORD

DATE	DEPTH	DEVIATION
9/06/82	460'	1/4
9/07/82	975'	1/2
9/07/82	1486'	1/2
9/08/82	1959'	1
9/08/82	2449'	3/4
9/09/82	2909'	1/2
9/13/82	3815'	3/4
9/14/82	4338'	3/4
9/15/82	5011'	1-1/4
9/15/82	5259'	1
9/16/82	5757'	1
9/17/82	6268'	1
9/18/82	6762'	1-1/2
9/20/82	7253'	1-1/4

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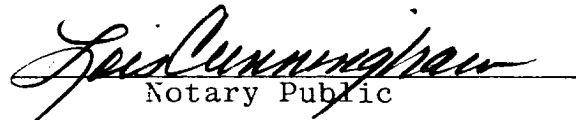

Steve Schalk
General Manager

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn to before me, a Notary Public,
this 4th day of November, 1982, by Steve Schalk



OFFICIAL SEAL
LOIS CUNNINGHAM
NOTARY PUBLIC - NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires: 3/7/83


Notary Public