

ARAPAHOE DRILLING CO.

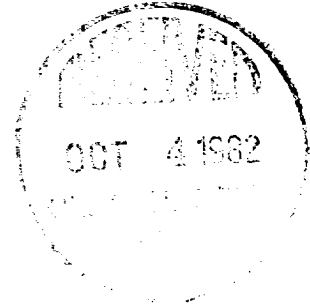
P. O. BOX 26687

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
GENERAL MANAGER

September 24, 1982

Jicarilla 1-361 JV
Sec. 4; Township 23 North; Range 4 West
Rio Arriba County, New Mexico



DEVIATION RECORD

<u>DATE</u>	<u>DEPTH</u>	<u>DEVIATION</u>
8-11-82	225'	1/4°
8-12-82	773'	1/4°
8-12-82	1297'	1/2°
8-13-82	1822'	3/4°
8-13-82	2408'	3/4°
8-14-82	3027'	3/4°
8-14-82	3549'	3/4°
8-15-82	4014'	3/4°
8-16-82	4532'	1°
8-16-82	5056'	1°
8-17-82	5281'	1-1/4°
8-18-82	5795'	1-1/4°
8-19-82	6287'	1-1/4°
8-20-82	6810'	1-1/4°
8-21-82	7261'	1°
8-23-82	7450'	1°

ARAPAHOE DRILLING CO.

Steve Schalk
General Manager

STATE OF NEW MEXICO
COUNTY OF BERNALILLO

Subscribed and sworn to this 24th day of September,
1982, by Steve Schalk, General Manager of Arapahoe
Drilling Co.



OFFICIAL SEAL
LOIS CUNNINGHAM

NOTARY PUBLIC - NEW MEXICO

Notary Bond Filed with Secretary of State

My Commission Expires: 3/7/83

Notary Public