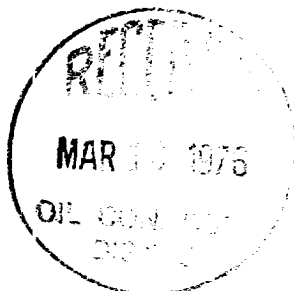


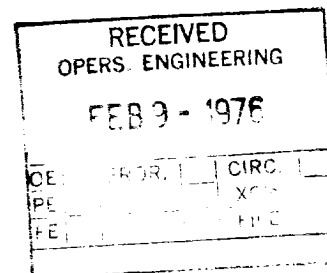


arapahoe drilling company

2650 YALE S.E. • SUITE 204 • P.O. BOX 26687
ALBUQUERQUE, NEW MEXICO 87125 • (505) 247-2294



February 4, 1976



DEVIATION RECORD

Re: Jicarilla "G" No. 3A
Section 35, Township 27 North, Range 3 West
Rio Arriba County, New Mexico

Well Spudded: 1-11-76
Total Depth: 6350'
Date of TD: 1-26-76

<u>DATE</u>	<u>FOOTAGE</u>	<u>DEVIATION</u>
1-12-76	333'	1 °
1-13-76	1386'	1-1/4 °
1-13-76	1791'	1 °
1-13-76	2292'	1 °
1-14-76	2759'	1-1/4 °
1-14-76	3260'	1-1/4 °
1-15-76	3761'	1-1/2 °
1-17-76	4450'	1-1/2 °
1-18-76	4952'	1-1/4 °
1-19-76	5090'	1/2 °
1-21-76	5513'	3/4 °
1-22-76	5799'	1-1/4 °
1-26-76	6350'	1-1/4 °

ARAPAHOE DRILLING COMPANY

John E. Schalk
John E. Schalk
Managing Partner

STATE OF NEW MEXICO

On this 4th day of February, 1976, before me,
a Notary Public, personally appeared John E.
Schalk, Managing Partner of Arapahoe Drilling
Company, and who is personally known to me,
and makes oath that the matters set forth in
the foregoing statement are true.

My Commission Expires:

March 7 1977

John Schalk