



COLEMAN DRILLING CO.

Drawer 3337
Farmington, New Mexico 87401
(505) 325-6892—24 hour
(505) 327-4935

OCTOBER 6, 1980

CHACE DEVELOPMENT COMPANY
313 WASHINGTON S.E.
ALBUQUERQUE, NEW MEXICO 87108

THIS LETTER IS TO CERTIFY THAT COLEMAN DRILLING CO. DID RUN DEVIATION
SURVEY AT THE LISTED DEPTHS ON YOUR JICARILLA 70-7 IN RIO ARRIBA COUNTY,
NEW MEXICO SECTION 27, T-24-N, R-4-W

DEPTH
270'
1467'
2170'
3050'
3829'
4320'
4753'
5430'
6278'
6840'
7192'
7500'



DEGREE DEVIATION
3/4°
1 3/4°
1 1/2°
1°
1°
1°
1°
1°
1 1/2°
1°
1 1/2°
1 1/2°

TO THE BEST OF MY KNOWLEDGE, I SWEAR THIS INFORMATION TO BE TRUE.

GEORGE E. COLEMAN

George E. Coleman
PRESIDENT



OFFICIAL SEAL
NOTARY PUBLIC
STATE OF NEW MEXICO
Notary Public for the Secretary of State
My Commission Expires: JANUARY 2, 1984

Maib D. Loy