

ALBUQUERQUE, NEW MEXICO 87125

STEVE SCHALK
GENERAL MANAGER

CHACE OIL COMPANY
313 WASHINGTON, SE
ALBUQUERQUE, NEW MEXICO 87108

TO WHOM IT MAY CONCERN:

THE FOLLOWING ARE THE DIRECTIONAL SURVEYS TAKEN DURING THE DRILLING OF THE JICARILLA #71-7.

$\frac{1}{4} \times @$ 230'
 $\frac{1}{4} \times @$ 775'
 $\frac{1}{4} \times @$ 1267'
 $\frac{3}{4} \times @$ 2008'
 $\frac{3}{4} \times @$ 2530'
 $1 \times @$ 3148'
 $\frac{1}{2} \times @$ 3641'
 $\frac{3}{4} \times @$ 4134'
 $\frac{3}{4} \times @$ 4660'
 $\frac{3}{4} \times @$ 5243'
 $\frac{3}{4} \times @$ 5799'
 $\frac{3}{4} \times @$ 6396'
 $\frac{1}{2} \times @$ 6940'
 $\frac{3}{4} \times @$ 7400'

~~JOHN A. AHLM II~~

OFFICE MANAGER
ARAPAHOE DRILLING COMPANY

STATE OF NEW MEXICO)
) ss
COUNTY OF SAN JUAN)

Subscribed and sworn to before me,
this 12 day of July 1982.

(My Commission Will Expire JUNE-30-1985)

Notary Public