

APACHE-JVA #4
NW $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20-27N-2W
Rio Arriba Co., N. Mexico

TABULATION OF ALL DEVIATION SURVEYS

<u>Depth</u>	<u>Deviation</u>
320'	3/4°
846'	3/4°
1474'	3/4°
1934'	3/4°
2441'	3/4°
2930'	1°
3445'	3/4°
4030'	1/2°

I, Robert D. Ballantyne, Drilling Superintendent for Palmer Oil & Gas Company, hereby certify that the above information is true and complete to the best of my knowledge and belief.

Robert D Ballantyne
Robert D. Ballantyne

Sworn to and subscribed before me, a Notary Public in and for the State of Montana, this 21st day of December, 1978.

My Commission Expires:

May 1, 1981

Grace E Brown
Notary Public
For State of Montana, Residing
in Billings, Montana

