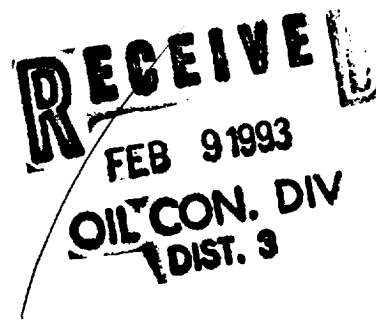




RICHARDSON OPERATING COMPANY

ROPCO Fee FC 9 No. 2
812' FNL, 993' FEL
Sec. 9, T29N, 12W
San Juan County, NM

DEVIATION SURVEYS

<u>Depth</u>	<u>Hole Deviation</u>
120'	1/4 deg.
543'	1/4 deg.
1075'	1/4 deg.
1470'	3/4 deg.
1975'	1 deg.

State of New Mexico)
) ss
County of San Juan)

I, Bruce E. Delventhal, being duly sworn, depose and state that the above and foregoing depth and hole deviation figures are true and correct to the best of my information and belief.

Bruce E. Delventhal

Subscribed and sworn before me this 5th day of February 93.

Jeri Sue Cone
Notary Public

My Commission Expires: 1-18-94.