ARTESIA FISHING TOOL COMPANY

ре вох **XX** рноме (565) 246 665 470 ARTESIA, NEW MEXICO 88210

August 15, 1984

Yates Drilling Company 207 South Fourth Street Artesia, NM 88210

> Re: Doyal #1 660' FNL & 990' FEL Sec. 34, T12S, R31E Chaves County, New Mexico

Gentlemen:

The following is a Deviation Survey for the above captioned well.

| DEPTH | DEVIATION |
|-------|---------------|
| 415' | $1/4^{0}_{0}$ |
| 914' | $1/2^{0}$ |
| 1419' | $1/2^{0}_{0}$ |
| 1914' | $1/2^{0}$ |
| 2414' | $1/2_{0}^{0}$ |
| 2443' | 3/40 |
| 3100' | $3/4^{\circ}$ |

Very truly yours,

B. N. Muncy Jr. Secretary

STATE OF NEW MEXICO COUNTY OF EDDY

The foregoing was acknowledged before me this 15th day of August, 1984.

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OFFICIAL SEAL Signature REC) HIAL GANNER NOTARY FUBLIC - NEW MEXICO NUTHRY BOND FILED WITH SECRETARY OF STATE My Commission Expires Oct. 15,1984