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Petroleum and Mineral Evaluation and Management

November 19, 1981

N.M. Energy & Minerals Dept.
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Re: Deviation Surveys:
J.G. Turner Estate #1 Federal 28
SE/4 SE/4 Sec.28, T30N-R9W, NMPM
San Juan Co., New Mexico

Gentlemen,

The following hole deviation surveys were taken while
drilling the subject well:

$\frac{1}{2}^{\circ}$ at 232 ft.
 1° at 1828 ft.
 $\frac{1}{2}^{\circ}$ at 2725 ft.
 2° at 4548 ft.
 $1 \frac{3}{4}^{\circ}$ at 4845 ft.
 $2 \frac{1}{2}^{\circ}$ at 6590 ft.
T.D. 7043 ft.


Records of these surveys are available at my office.

Very truly yours,



William R. Speer
Agent for the Estate of J. Glenr Turner

Subscribed and sworn to me this 19th day of November, 1981.


Notary Public

My commission expires Dec. 18, 1984