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Certified Professional Geologist # 1121
Petroleum and Mineral Evaluation and Management

November 4, 1983

New Mexico Oil Conservation Division
Att'n. Mr. Frank Chavez
1000 Rio Brazos Road
Aztec, New Mexico 87410

Dear Mr. Chavez,

The following hole deviation surveys were made while drilling the Bolack Minerals Co. #318 Canyon Largo Unit Com Dakota well, (SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 13, T24N-R6W, Rio Arriba Co., New Mexico:

<u>DEPTH</u>	<u>DEVIATION</u>
220'	$\frac{1}{2}^{\circ}$
687'	$1\frac{1}{4}$
1180'	$1\frac{1}{2}$
1676'	3
1803'	3
1927'	2
2082	$1\frac{3}{4}$
2333	$1\frac{1}{2}$
2833	1
3331	$\frac{3}{4}$
3800	$\frac{3}{4}$
4304	1
4800	1
5310	1
5807	$1\frac{1}{2}$
6122	$1\frac{1}{4}$
6656	$1\frac{1}{4}$

RECEIVED
NOV 7 1983
OIL CON. DIV.
DIST. 3

Very truly yours,

William R. Speer
William R. Speer, Agent for
BOLACK MINERALS COMPANY

Subscribed and sworn to this 4th day of November, 1983, by William R. Speer.

Betty J. Erick

My commission expires

12-18-84