



Box 3360
Casper, Wyoming 82602

December 16, 1977

Re: John Charles 7A
Sec. 13-T27N-R9W
San Juan County, New Mexico

State of New Mexico
Oil & Gas Conservation Commission
1000 Rio Brazos Road
Aztec, New Mexico 87410

Gentlemen:

Listed below are the deviation surveys run during the drilling of the above captioned well.

315 - 3/4°
826 - 1°
1500 - 3/4°
1990 - 3/4°
2345 - 1°
2824 - 3/4°
3361 - 1°
3814 - 3/4°
TD 4460 - 1°



I hereby certify that the above information is true and correct to the best of my knowledge.

R.J. McWhirter
R.J. McWhirter
Area Superintendent

RGH/nh



Robert L. Wyatt