



ENERGY SERVICES  
Exploration & Production

November 26, 2000

## DEVIATION REPORT

Well Name: ROSA UNIT #183A  
Location: F SEC 19 T31N R5W  
County, State: RIO ARriba COUNTY, NEW MEXICO  
Formation: BLANCO MESAVERDE



| DEVIATION | DEPTH |
|-----------|-------|
| 1/2°      | 129'  |
| 1/2°      | 254'  |
| 1/2°      | 826'  |
| 1/4°      | 1290' |
| 1/2°      | 1798' |
| 1/2°      | 2292' |
| 1/2°      | 2786' |
| 3/4°      | 3282' |
| 3/4°      | 3623' |
| 3/4°      | 4163' |
| 3/4°      | 4660' |
| 1/2°      | 5129' |
| 1/2°      | 5659' |

Tracy Ross  
Tracy Ross  
Production Analyst

State of Oklahoma                    )  
  )       ss:  
County of Tulsa                    )

The foregoing instrument was acknowledged before me this 26th day of November, 2000, by Tracy Ross.

Susan A. Tyler  
Susan A. Tyler

My Commission Expires: 7-17-2001