

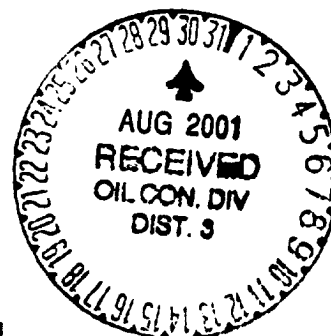


ENERGY SERVICES
Exploration & Production

August 24, 2001

DEVIATION REPORT

Well Name: ROSA UNIT #187
Location: N SEC 21 T31N R5W
County, State: RIO ARriba COUNTY, NEW MEXICO
Formation: BLANCO MV



DEVIATION	DEPTH
1°	294'
½°	462'
½°	972'
1°	1472'
1°	1962'
1°	2462'
1 ¼°	2940'
1°	3440'
1 ¼°	3940'
1°	5391'
1°	6595'

Tracy Ross
Tracy Ross
Production Analyst

State of Oklahoma)
County of Tulsa) ss:

The foregoing instrument was acknowledged before me this 24th day of August, 2001, by Tracy Ross.

Susan A. Tyler
Susan A. Tyler

My Commission Expires:

