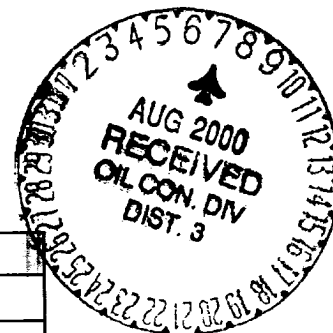




August 3, 2000

DEVIATION REPORT

Well Name: ROSA UNIT #182A
Location: P SEC 18 T31N R5W
County, State: RIO ARriba COUNTY, NEW MEXICO
Formation: BLANCO MESAVERDE



DEVIATION	DEPTH
1/2°	123'
1/2°	274'
1/2°	493'
3/4°	1036'
3/4°	1562'
3/4°	1846'
3/4°	2402'
1°	2961'
2°	5000'
1 1/2°	6184'

Tracy Ross
Tracy Ross
Production Analyst

State of Oklahoma)
) ss:
County of Tulsa)

The foregoing instrument was acknowledged before me this 3rd day of August, 2000, by Tracy Ross.

Susan A. Tyler
Susan A. Tyler

My Commission Expires: