



November 20, 2001

DEVIATION REPORT

Well Name: ROSA UNIT #31C
Location: N SEC 17 T31N R5W
County, State: RIO ARRIBA COUNTY, NEW MEXICO
Formation: BLANCO MV

1/2°	300'
1°	800'
1/2°	1300'
1/2°	1800'
3/4°	2300'
3/4°	2800'
1/2°	3400'
1°	3816'
1°	4984'
1 1/2°	6246'

Tracy Ross

Tracy Ross
Production Analyst

State of Oklahoma)
County of Tulsa) SS:



The foregoing instrument was acknowledged before me this 20th day of November, 2001, by Tracy Ross.



Jim D. Dennis
Jim D. Dennis