



December 21, 2001

DEVIATION REPORT

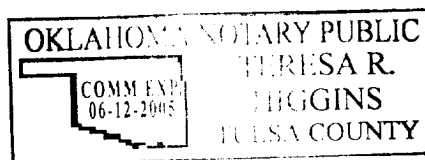
Well Name: ROSA UNIT #12B
Location: P SEC 15 T31N R6W
County, State: RIO ARriba COUNTY, NEW MEXICO
Formation: BLANCO MV/BASIN DK

1°	250'
1/2°	530'
3/4°	1046'
1/2°	1462'
1/2°	2000'
3/4°	2486'
1°	2986'
3/4°	5451'
3/4°	7459'

Tracy Ross
Tracy Ross
Production Analyst

State of Oklahoma)
County of Tulsa)

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The foregoing instrument was acknowledged before me this 21st day of December, 2001, by Tracy Ross.

Teresa R. Higgins
Teresa R. Higgins

My Commission Expires: 6-12-05