



October 13, 2000

### DEVIATION REPORT

Well Name: ROSA UNIT #188  
Location: K SEC 34 T31N R5W  
County, State: RIO ARriba COUNTY, NEW MEXICO  
Formation: BLANCO MESAVERDE

DEVIATION	DEPTH
1/2°	280'
1°	785'
1/2°	1288'
1°	1789'
3/4°	2291'
1°	2778'
1°	3254'
1/4°	3751'
1 1/2°	4111'
3/4°	5235'
1°	6476'



Tracy Ross  
Tracy Ross  
Production Analyst

State of Oklahoma                    )  
  )       ss:  
County of Tulsa                    )

The foregoing instrument was acknowledged before me this 13th day of October, 2000, by Tracy Ross.

My Commission Expires: July 17, 2001

Susan A. Tyler  
Susan A. Tyler