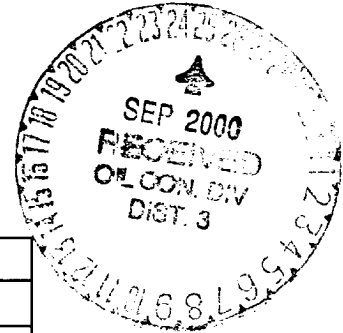




September 18, 2000

DEVIATION REPORT

Well Name: ROSA UNIT #154A
Location: P SEC 07 T31N R5W
County, State: RIO ARriba COUNTY, NEW MEXICO
Formation: BLANCO MESAVERDE



DEVIATION	DEPTH
¼°	100'
¾°	251'
1°	942'
¾°	1406'
¾°	1873'
¾°	2337'
1°	2868'
1°	3332'
¾°	4900'
1°	6125'

Tracy Ross
Tracy Ross
Production Analyst

State of Oklahoma)
) ss:
County of Tulsa)

The foregoing instrument was acknowledged before me this 18th day of September, 2000, by Tracy Ross.

Susan A. Tyler
Susan A. Tyler

My Commission Expires: 7-17-2001