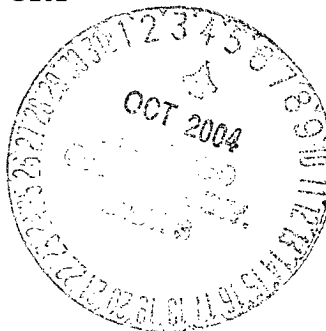




September 30, 2004

DEVIATION REPORT

Well Name: ROSA UNIT #146A
Location: D SEC 28 T31N R05W
County, State: RIO ARriba COUNTY, NEW MEXICO
Formation: BASIN MESAVERDE
API #: 30-039-27686



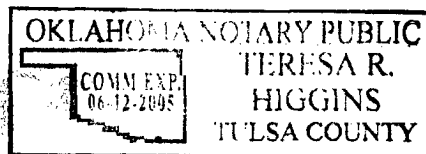
DEVIATION	DEPTH
1°	100'
1°	241'
1°	7323'
½°	1204'
1 ½°	1700'
1°	2227'
1°	2721'
1 ¼°	3282'
1°	3775'
1 ¼°	4992'
1 ¼°	6201'

Tracy Ross
Production Analyst

State of Oklahoma)

County of Tulsa)

ss:



The foregoing instrument was acknowledged before me this 30th day of September 2004, by Tracy Ross.

Teresa Higgins - 01009807

My Commission Expires: 06-12-05