



October 4, 1999

DEVIATION REPORT

Well Name: ROSA UNIT #30A
Location: M SEC 12 T31N R6W
County, State: RIO ARriba COUNTY, NEW MEXICO
Formation: BLANCO MESAVERDE

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GIL COM. DIV.
ENC. 3

DEVIATION	DEPTH
¼°	787'
½°	1284'
¾°	1772'
¾°	2275'
1¼°	2775'
1¼°	2930'
1°	3680'
1½°	4221'
3 ¼°	4695'
4¼°	4940'
4¼°	5206'
4¼°	5701'
4¼°	6165'

Tracy Ross
Production Analyst

State of Oklahoma)
County of Tulsa) ss:

The foregoing instrument was acknowledged before me this 4th day of October, 1999, by Tracy Ross.

My Commission Expires:

Susan A. Tyler
Susan A. Tyler
Expiration: 7-17-2001