



ENERGY SERVICES
Exploration & Production

September 22, 2005

DEVIATION REPORT

Well Name: ROSA UNIT #188B
Location: E SEC 34 T31N R05W
County, State: RIO ARRIBA COUNTY, NEW MEXICO
Formation: BLANCO MESAVERDE
API #: 30-039-27605

DEVIATION	DEPTH
1 1/2°	158'
3/4°	310'
2 1/2°	1341'
1 3/4°	1890'
3°	2321'
3/4°	2605'
3 1/4°	3105'
4 3/4°	3619'
4 1/2°	3735'
4 1/2°	4121'
3°	5153'
1°	6476'



Tracy Ross
Production Analyst

State of Oklahoma)
County of Tulsa) ss:

The foregoing instrument was acknowledged before me this 22nd day of September 2005, by Tracy Ross.

Susan Tyler - 01011039

My Commission Expires: 07-17-09

