



ENERGY SERVICES  
Exploration & Production

November 23, 1999

### DEVIATION REPORT

Well Name: ROSA UNIT #180  
Location: N SEC 09 T31N R6W  
County, State: SAN JUAN COUNTY, NEW MEXICO  
Formation: BLANCO MESAVERDE

RECEIVED  
DEC - 1 1999

OIL CON. DIV.  
DIST. 3

DEVIATION	DEPTH
1/4°	318'
1 1/4°	818'
1°	1330'
1/2°	1830'
1 1/4°	2330'
1°	2828'
1 1/4°	3312'
1°	3708'
1 1/4°	6150'

Tracy Ross  
Tracy Ross  
Production Analyst

State of Oklahoma )  
County of Tulsa ) ss:

The foregoing instrument was acknowledged before me this 23rd day of November, 1999, by Tracy Ross.

My Commission Expires: 7/17/2001

Susan A. Tyler  
Susan A. Tyler

(Continue on reverse side)