

September 9, 1998

DEVIATION REPORT

Well Name: ROSA UNIT #148A  
Location: N SEC 2 T31N R6W  
County, State: RIO ARriba COUNTY, NEW MEXICO  
Formation: BLANCO MESAVERDE

RECEIVED  
SEP 14 1998  
OIL CON. DIV.  
DIST. 3

DEVIATION	DEPTH
1/4°	90'
3/4°	250'
3/4°	495'
1/2°	739'
1°	1263'
1°	1761'
1°	2255'
1°	2755'
3/4°	3253'
1/2°	3569'
2-1/4°	4346'
2-1/4°	4531'
2-1/4°	4655'
2°	4769'
2°	4924'
2°	5078'
2°	5366'
2-1/4°	5511'
2°	5725'

Susan Griguhn  
Clerk, Production & Drilling

State of Oklahoma )  
County of Tulsa ) ss:

The foregoing instrument was acknowledged before me this 9th day of September, 1998, by Susan Griguhn.

*Shirley A. Davis*  
Shirley Davis

My Commission Expires:  
10-10-2001

