



November 5, 1998

DEVIATION REPORT

Well Name: ROSA UNIT #139A
Location: M SEC 17 T31N R6W
County, State: SAN JUAN COUNTY, NEW MEXICO
Formation: BLANCO MESAVERDE

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DEVIATION	DEPTH
1-3/4°	540'
2°	1004'
1-1/2°	1505'
1-3/4°	1927'
3/4°	2427'
1°	2929'
2°	2412'
1-3/4°	3616'
2°	3412'
1-3/4°	3616'
2-1/4°	4074'
4°	4580'
4°	4924'
4-1/4°	5264'

OIL CON. DIV.
DIST. 3

Susan Griguhn
Clerk, Production & Drilling

State of Oklahoma)
County of Tulsa) ss:

The foregoing instrument was acknowledged before me this 5th day of November 1998, by Susan Griguhn.

Shirley A. Davis

My Commission Expires: 10/10/2001