



December 14, 1998

DEVIATION REPORT

Well Name: ROSA UNIT #29M
Location: I SEC 32 T32N R6W
County, State: SAN JUAN COUNTY, NEW MEXICO
Formation: BLANCO MESAVERDE/BASIN DAKOTA

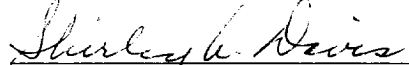
DEVIATION	DEPTH
1°	590'
3/4°	1093'
1/2°	1521'
1°	2022'
3/4°	2521'
3/4°	3021'
3/4°	3517'
1°	3759'
1/2°	4000'
1°	4503'
1-1/4°	4996'
1°	5500'
1°	6017'
3/4°	6240'
1°	6487'
1/2°	6733'
1°	6983'
3/4°	7482'
3/4°	7733'
1-1/2°	7956'

RECEIVED
DEC 23 1998
OIL CON. DIST. 3

Susan Griguhn
Clerk, Production & Drilling

State of Oklahoma)
) ss:
County of Tulsa)

The foregoing instrument was acknowledged before me this 16th day of December 1998, by Susan Griguhn.


Shirley A. Davis

My Commission Expires: 10/10/2001