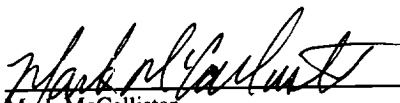


Below is the Deviation Report for the  
**ROSA UNIT #159**  
O SEC 19-31N-5W,  
RIO ARriba COUNTY, NEW MEXICO

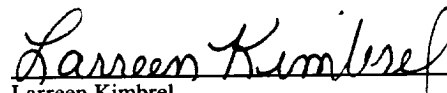
Depth	Deviation
120'	3/4°
350'	3/4°
788'	1°
1277'	1°
1703'	3/4°
2134'	1°
2575'	1-1/4°
3034'	3/4°
3305'	1°
4166'	3/4°
4637'	2-1/2°
4849'	3°
5100'	3-1/2°
5326'	3-3/4°
5600'	4°
5815'	4°
6073'	4°
6563'	4°
7091'	3°
7368'	2°
8041'	2-1/4°

**RECEIVED**  
OCT 21 1996  
OIL CON. DIV.  
DIST. 3

  
Mark McCallister,  
Sr. Engineer, Production & Drilling

State of Oklahoma )  
 )  
County of Tulsa ) SS:

The foregoing instrument was acknowledged before me this 16th day of October, 1996, by Mark McCallister.

  
Larreen Kimbrel

My Commission Expires:

