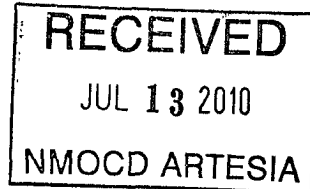


Operator: Cimarex Energy Co. of Colorado
 Well/Lease: West Shugart 31 Fed Com 3
 County: Eddy, NM

State of New Mexico
 Deviation Report



266'	1.00
850'	1.00
1370'	2.00
2000'	2.00
2250'	1.00
3390'	1.00
3660'	1.00
3900'	1.00
4150'	1.00
4402'	1.00
4653'	1.00
4900'	1.00
5150'	1.00
5406'	2.00
5655'	2.00
5915'	2.00
6171'	2.00
6421'	2.00
6672'	1.00
6920'	2.00
7175'	2.00
7434'	2.00
7683'	2.00
7933'	2.00
8183'	1.00
8438'	1.00
6340'	3.00

State of: Texas

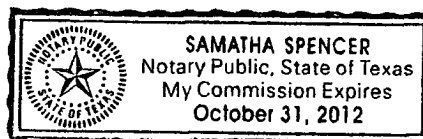
County of: Midland

The foregoing instrument was acknowledged before me on May 28, 2010, by

[Signature], on behalf of

Ref Energy Services

Samatha Spencer
 Notary Public For: The State of Texas
 My Commission Expires: October 31, 2012



[Handwritten mark]