

30-005-29152

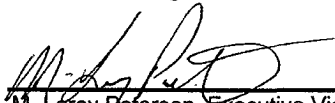
OPERATOR: Cimarex Energy Co.
 WELL/LEASE: Independence 8 Federal Com # 2
 COUNTY: Chaves County, New Mexico
 Sec. 8, T15S, R31E

**STATE OF NEW MEXICO
 DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
241	1/4	4,943	3/4
359	3/4	5,133	1/4
410	1/2	5,322	1/4
588	1	5,512	1/4
798	3/4	5,701	1/4
956	1/2	5,890	1/4
1,146	1	6,080	1/2
1,335	3/4	6,269	1/2
1,525	1/2	6,459	1/2
1,715	1/2	6,648	1/2
1,970	1/2	6,838	1/2
2,096	1/2	7,027	1/4
2,286	1/2	7,217	1/4
2,476	1/2	7,407	1/2
2,665	1/2	7,596	1/2
2,856	3/4	7,786	1/4
3,045	1/2	7,976	1/2
3,236	1/2	8,165	3/4
3,426	1/2	8,355	1/2
3,615	1/2	8,553	1/2
3,805	1/2	8,734	3/4
3,995	1/2	8,924	1/4
4,185	1/2	8,278	1 1/2
4,374	1/2		
4,564	1/2		
4,753	1/2		

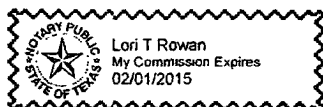
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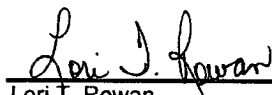
Patriot Drilling, LLC


 M. Leroy Peterson, Executive Vice-
 President

The foregoing instrument was acknowledged before me on this 4th day of April, 2012 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC.

My Commission Expires: 02/01/2015




 Lori T. Rowan
 Notary Public for Ector Co., Texas

AUG 08 2012