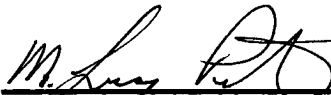


OPERATOR: COG Operating, LLC
WELL/LEASE: Airbonita 12 Fed # 2 H
COUNTY: Lea Co., New Mexico
Sec. 12, T22S, R32E

STATE OF NEW MEXICO
DEVIATION REPORT

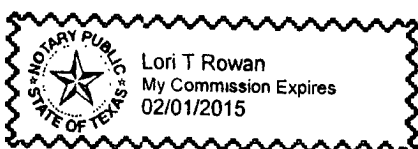
Depth	Deviation	Depth	Deviation
251	1	3,782	1 1/2
630	1	3,877	1 1/2
965	1	3,941	2 1/4
1,351	1 1/4	4,006	3
1,470	1 1/2	4,100	3
1,525	1 1/2	4,227	2 3/4
1,680	1 1/4	4,417	2 1/4
1,751	1 3/4	4,597	2 1/2
1,937	1 1/4	4,764	1 3/4
2,065	1 3/4	5,299	3/4
2,384	3	5,590	1 1/2
2,490	3	6,161	1
2,510	3	6,410	1
2,669	3 1/4	7,170	1
2,733	1 1/4	7,431	1
2,797	1 3/4	7,702	1 1/4
2,892	1 1/2	8,033	1/2
2,988	2	8,542	1 1/4
3,083	2 3/4	8,956	1 3/4
3,241	5 1/2	9,239	1
3,337	4 1/4	9,583	1 1/2
3,432	3 1/2	9,931	1 3/4
3,527	2 3/4	10,279	1 1/4
3,623	4 1/4		
3,719	3 3/4		

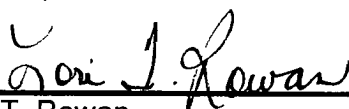
Patriot Drilling, LLC


M. Leroy Peterson, Executive Vice-
President

The foregoing instrument was acknowledged before me on this 16th day of January, 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