

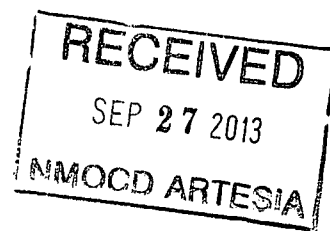
PATRIOT DRILLING, LLC

OPERATOR: COG Operating, LLC
WELL/LEASE: Firefox 4 Federal # 5 H
COUNTY: Eddy Co., New Mexico
Sec. 4, T19S, R31E

30-015-41423

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
308	1/4	5,772	3 3/4
610	1/2	5,876	3
877	3/4	5,961	1
1,195	1/2	6,066	1
1,894	1 1/2	6,151	1
2,147	2 1/2	6,246	1
2,708	1/2	6,341	1 1/4
2,797	1/2	6,435	1 1/4
3,205	1/2	6,630	1/2
3,650	1	6,710	3/4
3,900	1	6,910	1
4,225	1	7,005	3/4
5,109	2 1/2	7,195	1/2
5,163	3	7,385	3/4
5,490	2 3/4	7,575	1 1/2
		7,955	1 1/2

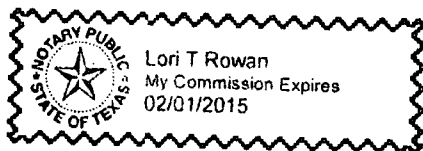


Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 3rd day of July, 2013 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