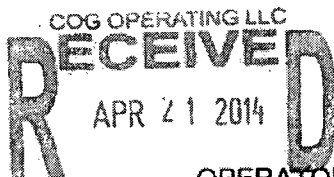




PATRIOT DRILLING, LLC



ARTESIA WEST
OPERATOR:
WELL/LEASE:
COUNTY:

30-015-41614
COG Operating, LLC
Bluethunder 5 Fed Com # 6 H
Eddy Co., New Mexico
Sec.5, T19S, R31E

**STATE OF NEW MEXICO
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
315	1/4	5,007	1 1/4
609	1/2	5,683	1 1/4
872	1/2	5,919	2
1,153	1/2	6,162	2
1,702	1 1/4	6,721	1
1,956	2	7,225	2 1/4
2,231	2	7,700	1 3/4
2,658	1/2		
2,997	1/2		
3,564	3/4		
3,830	3/4		
4,121	1/2		
4,406	1/4		

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 03 2014

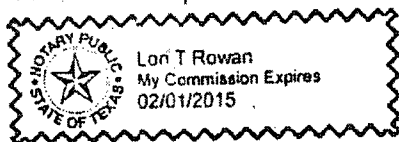
RECEIVED

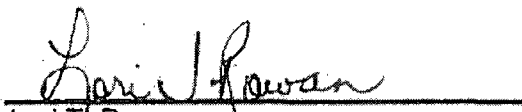
Patriot Drilling, LLC


M. Leroy Peterson, Executive Vice
President

The foregoing instrument was acknowledged before me on this 9th day of April, 2014 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