

PATRIOT DRILLING, LLC

30-025-41563

OPERATOR: COG Operating, LLC
WELL/LEASE: Lusk Deep Unit A # 29 H
COUNTY: Lea Co., New Mexico
Sec. 17, T19S, R32E

**STATE OF NEW MEXICO
DEVIATION REPORT**

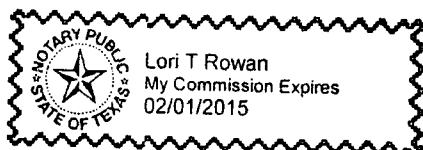
<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
468	1 3/4	5,312	2 1/2
870	1/4	5,721	3/4
1,006	1/2	6,101	3/4
1,577	1/2	6,670	1
1,767	2	6,860	3/4
2,341	2 1/4	7,050	3/4
2,721	3/4	7,430	3
3,102	3/4	7,810	3/4
3,482	1 1/4	8,380	1/4
3,673	1 1/2	8,569	1/2
3,863	1 1/4	8,695	3/4
4,055	1 1/4		
4,336	1 1/2		
4,596	2 1/2		
4,858	3		

Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 12th day of February, 2014 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling,

My Commission Expires: 02/01/2015



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

AUG 25 2014