

**PATRIOT DRILLING, LLC**

OPERATOR: COG Operating, LLC *com*  
WELL/LEASE: Crapshoot 13 Federal # 2.H  
COUNTY: Eddy County New Mexico  
Sec. 24, T20S, R29E

*30-015-43158*

**STATE OF NEW MEXICO  
DEVIATION REPORT**

<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
288	1	3,451	1 1/4
528	1	3,863	1/2
992	2 1/4	4,721	3/4
1,467	1	5,190	1
1,593	1 1/2	5,960	2 1/4
1,896	1	6,135	1 3/4
2,310	2 1/2	6,609	1/4
2,771	2 1/4	7,082	1/2
3,026	2	7,518	1/2

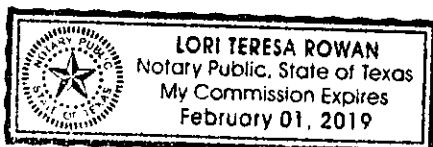
**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
FEB 17 2016  
RECEIVED

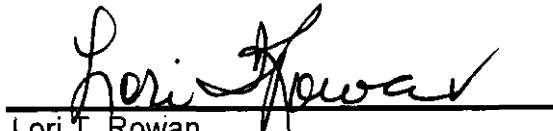
**Patriot Drilling, LLC**

  
M. Leroy Peterson, Executive Vice-  
President

The foregoing instrument was acknowledged before me on this 29th day of June, 2015 by M. Leroy Peterson, Executive Vice-President of Patriot Drilling, LLC:

My Commission Expires: 02/01/2019



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