

PATRIOT DRILLING, LLC

30-015-43158

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

**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

JAN 19 2016

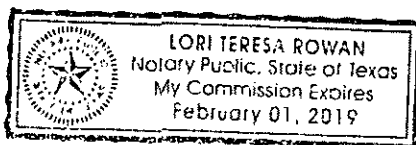
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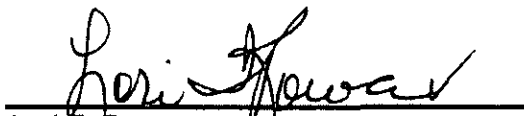
Patriot Drilling, LLC


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