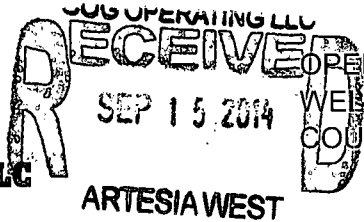


PATRIOT DRILLING, LLC



NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 21 2014

OPERATOR: COG Operating, LLC
WELL/LEASE: Barn Owl Fed #2H
COUNTY: Eddy Co., New Mexico
Sec. 19, T 26S, R 27E

RECEIVED

30-015-42472

**STATE OF NEW MEXICO
DEVIATION REPORT**

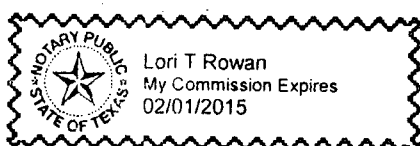
<u>Depth</u>	<u>Deviation</u>	<u>Depth</u>	<u>Deviation</u>
126	1/2	3,448	1/2
378	1 1/2	3,952	1
438	1 3/4	4,424	1
527	2	4,833	1 1/4
701	2	5,120	2 1/4
890	1/2	5,561	1 3/4
984	2 1/4	6,027	1 1/2
1,173	1	6,281	1/2
1,362	1 3/4	6,660	1 1/2
1,552	1 3/4	6,820	1 1/4
1,741	1	7,118	1
1,930	1 1/4	7,542	1/2
2,503	3/4	8,131	1/2
2,976	3/4	8,163	1 3/4

Patriot Drilling, LLC

M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 20th day of August, 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