



PATRIOT DRILLING, LLC

OPERATOR: COG Operating, LLC
WELL/LEASE: CTA State Com #5H
COUNTY: Eddy Co., New Mexico
Sec. 32, T 18S, R 30E

30-015-42578

**STATE OF NEW MEXICO
DEVIATION REPORT**

| <u>Depth</u> | <u>Deviation</u> | <u>Depth</u> | <u>Deviation</u> |
|--------------|------------------|--------------|------------------|
| 390 | 1 1/4 | 4,822 | 1 3/4 |
| 821 | 1 1/2 | 5,264 | 1 3/4 |
| 1,200 | 1 | 5,738 | 1 3/4 |
| 1,579 | 1 | 6,222 | 3 1/4 |
| 1,953 | 1 1/2 | 6,475 | 3/4 |
| 2,452 | 1 3/4 | 6,659 | 1/2 |
| 2,955 | 1 1/2 | 6,849 | 1/2 |
| 3,460 | 1 1/2 | 7,102 | 1 |
| 3,939 | 2 | 7,482 | 1/2 |
| 4,409 | 2 | | |

Patriot Drilling, LLC

**NM OIL CONSERVATION
ARTESIA DISTRICT**

SEP 17 2015

RECEIVED

M. Leroy Peterson, Executive Vice-President

The foregoing instrument was acknowledged before me on this 1st day of April, 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

