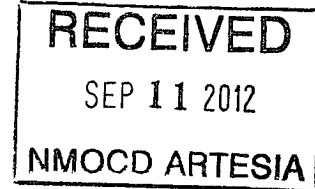




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288



April 30, 2012

30-015-40008

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: Tex Mack 11 Federal #28
960' FNL & 1035' FWL
Sec. 11, T17S, R31E
Eddy County, New Mexico

Dear Sir,

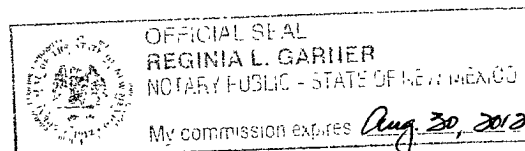
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of April, 2012.



Pason DataHub Deviation Survey

Well Dossier 1334951055 - Tex Mack 11 Federal #28

#

# Date	Depth	Deviation
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4/20/2012	142	0.2
4/20/2012	227	0.2
4/21/2012	315	0.1
4/21/2012	401	0.7
4/21/2012	488	0.5
4/21/2012	622	0.5
4/22/2012	874	0.3
4/22/2012	1281	0.4
4/23/2012	1751	2.5
4/23/2012	1846	2.9
4/23/2012	1938	2.3
4/24/2012	2026	2.1
2/24/2012	2277	1.4
4/24/2012	2748	1.4
4/25/2012	3249	1.0
4/25/2012	3749	0.4
4/25/2012	4218	1.2
4/25/2012	4689	0.4
4/26/2012	5190	0.4
4/26/2012	5690	0.0
4/26/2012	6160	0.4
4/27/2012	6629	0.1
4/27/2012	6786	0.0