



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

May 24, 2011

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

30-015-38375
RE: Tex Mack 11 Federal #15
330' FNL & 1650' FWL *UL C*
Sec. 11, T17S, R31E
Eddy County, New Mexico

Dear Sir,

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

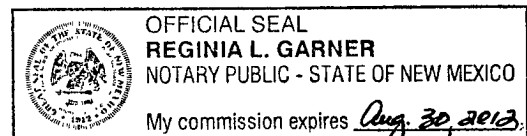
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 24th day of May, 2011.


Regina L. Garner
Notary Public



Well Dossier 1305050555 - TEX-MACK 11 Fed 15

#	Date	Depth	Deviation
	5/10/2011	277	0.60
	5/11/2011	538	0.70
	5/13/2011	774	0.40
	5/13/2011	1088	0.40
	5/13/2011	1432	0.60
	5/13/2011	1913	1.60
	5/15/2011	2125	1.10
	5/15/2011	2686	1.10
	5/15/2011	2904	0.30
	5/15/2011	3315	0.20
	5/16/2011	3846	0.90
	5/16/2011	4340	0.50
	5/17/2011	4840	0.60
	5/17/2011	5255	0.80
	5/17/2011	5725	0.50
	5/18/2011	6225	0.80
	5/18/2011	6664	0.70