



PO Box 1370
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HOBBS OCD

JUL 25 2011

RECEIVED

June 14, 2011

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

30-025-39864

RE: MC Federal #61
1650' FSL & 330' FEL
Sec. 21, T17S, R32E
Lea County, New Mexico

Unit I

Dear Sir,

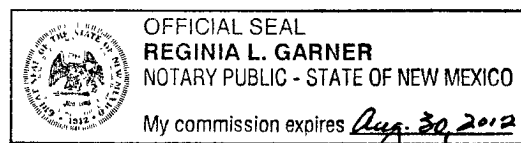
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 14th day of June, 2011.

Notary Public

AUG 30 2011

Pason DataHub Deviation Survey
Well Dossier 3189282 - MC FED 61
#

#	Date	Depth	Deviation
	6/3/2011	84	0.00
	6/4/2011	174	0.10
	6/4/2011	265	0.30
	6/4/2011	413	0.20
	6/4/2011	561	0.00
	6/4/2011	708	0.10
	6/4/2011	768	0.10
	6/6/2011	1018	0.90
	6/6/2011	1491	1.90
	6/6/2011	1649	2.00
	6/6/2011	1740	1.80
	6/6/2011	1961	0.20
	6/6/2011	2058	0.40
	6/8/2011	2555	0.40
	6/8/2011	3060	0.20
	6/9/2011	3533	0.20
	6/9/2011	4007	0.50
	6/9/2011	4480	0.40
	6/9/2011	4954	0.40
	6/10/2011	5456	0.60
	6/11/2011	5932	1.10
	6/11/2011	6404	0.70
	6/12/2011	6907	1.10

EOF