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SEP 08 2010
HOBSOCD

July 26, 2010

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

RE: MC Federal #42 *Unit E*
2240' FNL & ~~730'~~ FWL *330'*
Sec. ~~31~~, T17S, R32E
Lea 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 26th day of July, 2010.

Notary Public

OFFICIAL SEAL
REGINIA L. GARNER
NOTARY PUBLIC - STATE OF NEW MEXICO
My commission expires *Aug. 31, 2012*

KD PETROLEUM ENGINEER
SEP 23 2010

Pason DataHub Deviation Survey
Well Dossier 1279228378 - M.C.FERDERAL # 42
#

#	Date	Depth	Deviation
	7/16/2010	257	0.60
	7/16/2010	494	2.40
	7/16/2010	582	2.30
	7/16/2010	670	3.30
	7/16/2010	793	6.10
	7/18/2010	900	6.90
	7/18/2010	954	5.80
	7/18/2010	1080	4.80
	7/18/2010	1303	3.50
	7/18/2010	1427	3.50
	7/18/2010	1554	2.90
	7/19/2010	1783	2.90
	7/19/2010	2106	2.10
	7/20/2010	2336	1.10
	7/20/2010	2558	1.10
	7/21/2010	2842	0.50
	7/21/2010	3341	0.40
	7/21/2010	3819	0.40
	7/22/2010	4293	0.50
	7/22/2010	4792	0.10
	7/22/2010	5271	0.50
	7/23/2010	5745	0.30
	7/23/2010	6217	0.20
	7/24/2010	6690	0.40

EOF