



30-025-40150

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HOBBS OCD

OCT 05 2011

RECEIVED

July 25, 2011

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

RE: GC Federal #36
2012' FSL & 2240' FEL
Sec. 20, T17S, R32E
Lea County, New Mexico

Dear Sir,

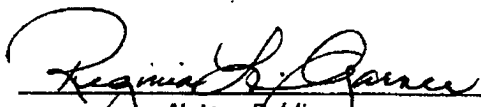
The attached is the Deviation Survey for the above captioned well.

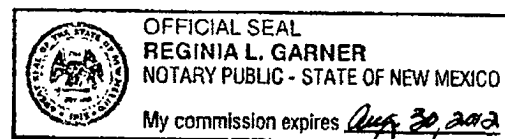
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 25th day of July, 2011.


Regina L. Garner
Notary Public



OCT 11 2011

Pason DataHub Deviation Survey
 # Well Dossier 1309904308 - GC Fed #36
 #

# Date	Depth	Dev/Inc	Dir/AZ
7/6/2011	86	0.00	0.00
7/6/2011	176	0.20	0.00
7/6/2011	265	0.40	0.00
7/6/2011	354	0.70	0.00
7/6/2011	442	0.50	0.00
7/6/2011	531	0.60	0.00
7/6/2011	659	1.10	0.00
7/8/2011	862	0.90	0.00
7/8/2011	1178	0.90	0.00
7/8/2011	1431	0.50	0.00
7/8/2011	1680	0.70	0.00
7/8/2011	1960	1.00	0.00
7/9/2011	2184	1.67	284.00
7/9/2011	2279	4.48	257.67
7/10/2011	2405	6.90	251.20
7/10/2011	2435	8.40	249.20
7/15/2011	2200	0.90	190.70
7/16/2011	2278	2.02	186.66
7/16/2011	2403	5.10	185.95
7/16/2011	2498	5.30	186.30
7/16/2011	2591	5.01	186.66
7/16/2011	2693	4.31	189.64
7/16/2011	2788	6.30	182.09
7/16/2011	2883	7.65	184.55
7/17/2011	2977	7.21	191.23
7/17/2011	3071	8.00	187.53
7/17/2011	3166	7.56	189.47
7/17/2011	3261	7.39	189.82
7/17/2011	3356	7.30	187.01
7/17/2011	3451	6.95	187.89
7/17/2011	3641	8.09	189.47
7/17/2011	3737	6.95	187.89
7/17/2011	3830	6.95	187.53
7/17/2011	3925	6.60	187.71
7/18/2011	4020	6.68	188.41
7/18/2011	4113	7.47	188.59
7/18/2011	4207	7.74	187.36
7/18/2011	4302	7.74	189.39
7/18/2011	4396	7.74	190.70
7/18/2011	4681	7.21	191.23
7/18/2011	4775	7.21	191.58
7/18/2011	4869	7.21	192.81
7/18/2011	4963	7.30	185.95
7/19/2011	5247	5.98	183.67
7/20/2011	5342	4.30	189.64
7/20/2011	5436	1.70	182.44
7/20/2011	5562	1.10	174.90
7/20/2011	5776	0.60	0.00
7/21/2011	6249	0.30	0.00

#	Date	Depth	Dev/Inc	Dir/AZ
	7/21/2011	6721	0.70	0.00
	7/22/2011	7081	0.60	0.00
#	EOF			