



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

February 1, 2011

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

30-015-37443

RE: Electra Federal #57
485 FNL & 990' FWL
Sec. 10, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

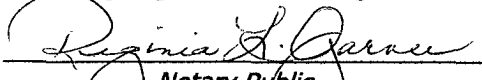
Very truly yours,

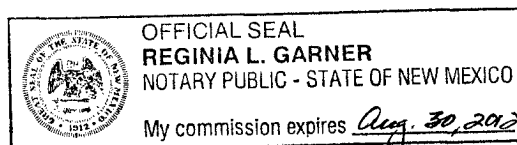

Leroy Curry
Drilling Superintendent



State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 1st day of February, 2011.


Regina L. Garner
Notary Public



Electra Federal #57

Date	Depth	Dev/Inc	Dir/AZ
1/15/2011	215	0.30	
1/15/2011	374	1.50	
1/20/2011	851	0.40	
1/22/2011	1240	0.97	72.11
1/22/2011	1304	1.12	84.77
1/22/2011	1368	0.86	87.99
1/22/2011	1432	0.92	87.25
1/22/2011	1559	1.25	160.00
1/22/2011	1623	2.39	171.10
1/22/2011	1687	3.61	177.40
1/22/2011	1751	4.37	183.40
1/22/2011	1814	6.51	120.60
1/22/2011	1878	7.92	180.90
1/22/2011	1942	8.64	184.20
1/23/2011	2005	8.55	183.60
1/23/2011	2069	8.33	183.00
1/23/2011	2133	7.94	183.30
1/23/2011	2197	8.18	183.80
1/23/2011	2260	7.72	182.20
1/23/2011	2324	8.15	184.90
1/23/2011	2388	9.08	184.50
1/23/2011	2451	8.97	179.80
1/23/2011	2515	8.59	177.90
1/23/2011	2579	8.27	178.40
1/23/2011	2642	7.83	179.90
1/23/2011	2752	8.46	182.40
1/23/2011	2770	8.51	183.00
1/23/2011	2833	8.30	182.60
1/24/2011	2897	8.69	185.10
1/24/2011	2961	9.05	185.90
1/24/2011	3024	9.12	186.10
1/24/2011	3152	8.76	183.80
1/24/2011	3279	9.41	183.00
1/24/2011	3343	8.51	176.80
1/24/2011	3407	8.52	176.80
1/24/2011	3471	8.29	177.00
1/24/2011	3534	8.15	182.70
1/24/2011	3598	8.88	184.20
1/25/2011	3662	9.09	184.90
1/25/2011	3726	8.96	184.20
1/25/2011	3789	8.77	184.20
1/25/2011	3917	8.52	179.40
1/25/2011	3981	8.44	177.40
1/25/2011	4044	8.31	177.30
1/25/2011	4108	7.90	177.50
1/25/2011	4172	7.87	183.90
1/25/2011	4335	7.78	184.70
1/25/2011	4299	7.67	186.10
1/25/2011	4363	7.01	183.00
1/26/2011	4427	5.84	182.20

Electra Federal #57

Date	Depth	Dev/Inc	Dir/AZ
1/26/2011	4490	4.53	177.80
1/26/2011	4554	3.34	172.80
1/26/2011	4618	3.40	172.20
1/26/2011	4681	3.27	
1/26/2011	4745	3.48	174.70
1/26/2011	4809	3.69	180.90
1/27/2011	4871	3.51	180.80
1/28/2011	4935	3.65	179.60
1/28/2011	4998	3.40	178.90
1/28/2011	5062	3.41	180.60
1/28/2011	5126	3.32	180.20
1/28/2011	5190	3.40	181.00
1/28/2011	5254	3.27	182.70
1/28/2011	5317	3.34	180.90
1/28/2011	5353	3.30	
1/29/2011	5510	2.96	
1/29/2011	5574	3.59	
1/29/2011	5638	3.65	187.50
1/29/2011	5702	3.63	186.20
1/30/2011	5765	3.54	189.20
1/30/2011	5829	3.61	181.40
1/30/2011	5956	3.47	182.70
1/30/2011	6023	3.21	181.40