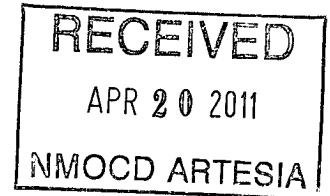




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288



March 3, 2011

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

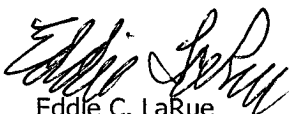
30-015-38183

RE: Electra Federal #60
175' FNL & 2590' FEL
Sec. 10, T17S, R30E
Eddy County, New Mexico

Dear Sir,

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

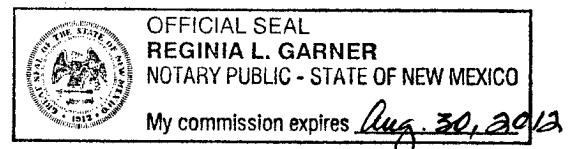
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 3rd day of March, 2011.


Regina L. Garner
Notary Public



Electra Federal #60

Date	Depth	Dev/Inc	Dir/AZ
2/20/2011	755	0.80	
2/22/2011	1361	1.82	108.70
2/22/2011	1457	1.57	98.75
2/22/2011	1520	1.91	135.90
2/22/2011	1584	2.82	131.00
2/22/2011	1648	4.02	126.10
2/22/2011	1712	5.25	134.90
2/22/2011	1775	6.50	132.20
2/22/2011	1829	7.71	129.90
2/23/2011	1903	7.48	103.40
2/23/2011	2005	7.57	120.60
2/23/2011	2100	6.98	121.90
2/23/2011	2196	7.42	123.30
2/23/2011	2292	7.44	123.70
2/23/2011	2387	7.58	128.50
2/23/2011	2482	8.05	126.90
2/23/2011	2578	8.29	125.80
2/23/2011	2674	8.41	121.20
2/23/2011	2769	7.95	121.50
2/23/2011	2865	7.65	121.30
2/24/2011	2961	7.41	119.60
2/24/2011	3056	7.44	119.80
2/24/2011	3152	7.37	117.60
2/24/2011	3247	8.01	122.40
2/24/2011	3343	7.89	121.80
2/24/2011	3438	8.69	128.50
2/24/2011	3534	8.73	126.30
2/25/2011	3662	8.61	124.10
2/25/2011	3758	8.55	124.20
2/25/2011	3853	7.78	124.90
2/25/2011	3949	7.66	127.20
2/25/2011	4044	6.56	122.80
2/25/2011	4140	5.38	128.20
2/26/2011	4235	3.66	116.30
2/26/2011	4331	2.33	132.90
2/26/2011	4427	2.54	129.50
2/26/2011	4522	0.99	139.69
2/26/2011	4618	0.59	79.89
2/26/2011	4715	0.58	104.20
2/26/2011	4809	0.57	96.06
2/26/2011	4873	0.36	65.67
2/27/2011	5292	1.20	
2/28/2011	5770	0.40	
2/28/2011	6118	0.30	