



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

May 6, 2011

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

RE: Firecracker St #16
1955' FSL & 260' FEL
Sec. 14, T17S, R28E
Eddy County, New Mexico

30-015-38425

UL I

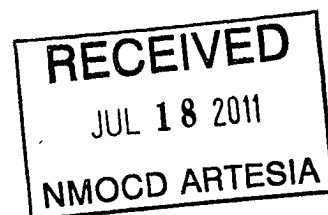
Dear Sir,

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

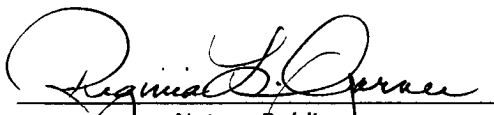
Very truly yours,

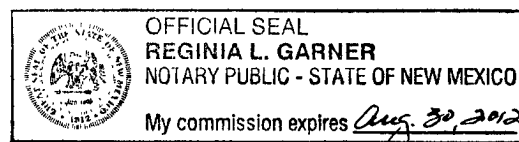

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }



The foregoing was acknowledged before me this 6th day of May, 2011.


Regina L. Garner
Notary Public



Firecracker State #16

Date	Depth	Dev/Inc	Dir/AZ
4/29/2011	285	2.50	
4/29/2011	502	2.10	
4/30/2011	840	1.40	
4/30/2011	1276	5.00	
5/1/2011	1761	7.40	205.10
5/1/2011	1856	8.20	208.70
5/1/2011	1951	7.80	207.40
5/1/2011	2430	8.20	202.90
5/1/2011	2908	8.90	207.30
5/2/2011	3099	9.00	205.80
5/2/2011	3195	8.80	205.90
5/2/2011	3290	8.90	205.80
5/2/2011	3577	6.00	218.60
5/2/2011	3864	2.80	242.20
5/2/2011	4246	4.40	3.50
5/3/2011	4341	4.40	20.90
5/3/2011	4533	2.70	49.30
5/3/2011	4819	0.90	82.30
5/3/2011	5010	0.10	
5/4/2011	5154	0.20	70.20
5/4/2011	5201	0.30	74.40
5/4/2011	5254	0.30	75.80