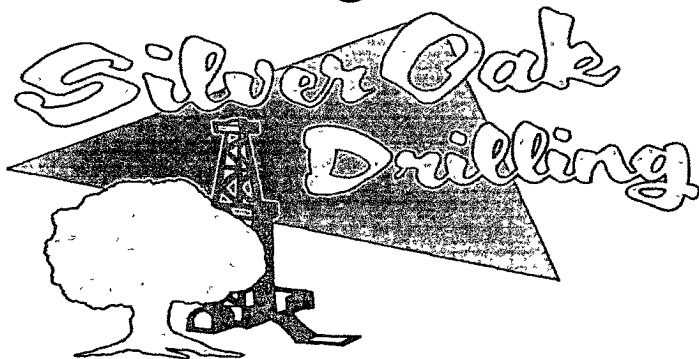




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

30.015-36944

April 30, 2009

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

RE: Electra Federal #32
180' FNL & 1350' FEL
Sec. 10, T17S, R30E
Eddy County, New Mexico

Dear Sir,

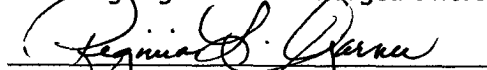
The following is the Deviation Survey for the above captioned well is attached.

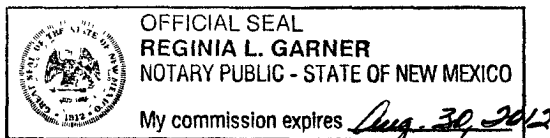
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 30th day of April, 2009.


Notary Public



Date	Depth	Dev/IncDir/AZ	
04/07/2009	235.00	0.75	0.00
04/08/2009	715.00	0.25	0.00
04/08/2009	1023.00	1.00	0.00
04/10/2009	1450.00	0.86	39.60
04/10/2009	1544.00	1.32	300.00
04/10/2009	1589.00	3.30	263.10
04/10/2009	1683.00	3.89	250.30
04/10/2009	1777.00	6.10	234.10
04/10/2009	1919.00	7.37	229.90
04/10/2009	2010.00	8.76	230.60
04/10/2009	2197.00	7.06	229.40
04/11/2009	2384.00	8.32	239.10
04/11/2009	2573.00	7.10	232.90
04/11/2009	2713.00	8.53	232.00
04/11/2009	2948.00	9.72	229.60
04/12/2009	3087.00	9.51	239.00
04/12/2009	3278.00	8.95	236.30
04/12/2009	3462.00	9.14	242.90
04/12/2009	3695.00	7.65	246.10
04/12/2009	3886.00	8.14	228.40
04/13/2009	4073.00	8.05	228.20
04/13/2009	4136.00	7.83	228.30
04/13/2009	4182.00	6.46	233.40
04/13/2009	4275.00	5.17	241.00
04/14/2009	4425.00	3.76	239.70
04/14/2009	4518.00	1.78	247.30
04/15/2009	5063.00	1.00	0.00
04/16/2009	5344.00	1.75	0.00
04/17/2009	5718.00	1.25	0.00
04/17/2009	5934.00	1.50	0.00
# EOF			