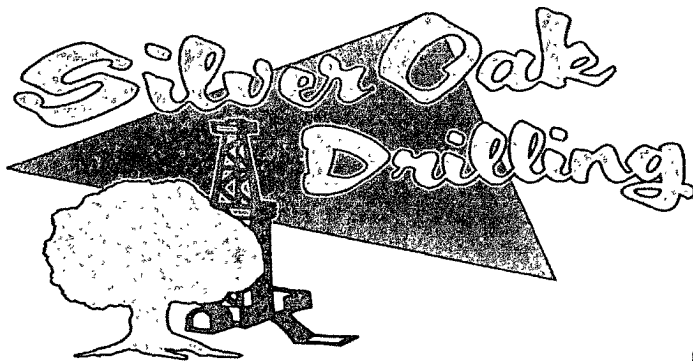




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

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FEB 09 2010

HOBBSOCD

November 30, 2009

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

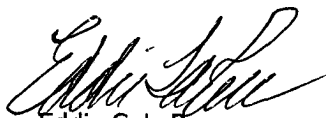
30-025-39113

RE: G C Federal #18 Unit 0
480330 FSL & 1650' FEL
Sec. 19, T17S, R32E
Lea County, New Mexico

Dear Sir,

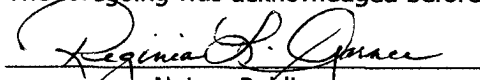
The attached is the Deviation Survey for the above captioned well.

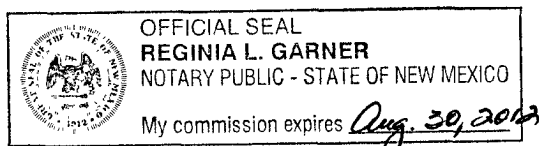
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

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


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey 2009/12/07 16:06:30

Well Dossier 1258568958 - GC FED 18

#

#

Date	Depth	Dev	TVD
11/18/2009	651	0.60	675.00
11/20/2009	1158	0.80	1,229.00
11/20/2009	1630	1.50	1,700.00
11/21/2009	2047	2.10	2,118.00
11/22/2009	2535	2.50	2,604.00
11/23/2009	2756	2.30	2,824.00
11/23/2009	3005	2.40	3,075.00
11/23/2009	3257	2.00	3,327.00
11/23/2009	3730	2.10	3,800.00
11/23/2009	4233	2.00	4,303.00
11/24/2009	4704	1.30	4,774.00
11/24/2009	5210	0.70	5,280.00
11/25/2009	5683	0.70	5,753.00
11/26/2009	6183	0.30	-
11/26/2009	6661	0.50	6,731.00
11/26/2009	7010	0.30	7,050.00