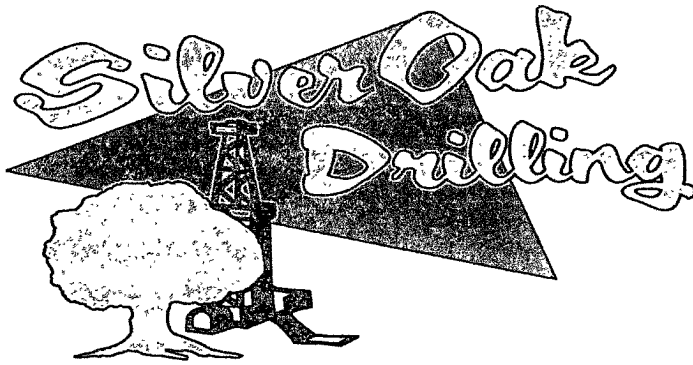




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

RECEIVED

MAR 08 2010
HOBBSOCD

January 19, 2010

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

RE: J C Federal #39
330' FNL & 1650' FWL
Sec. 22, T17S, R32E
Lea County, New Mexico

30-025-39478
Unit C

Dear Sir,

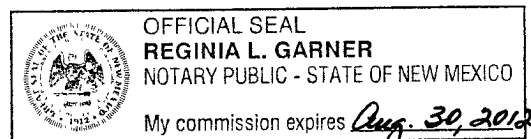
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 19th day of January, 2010.

Notary Public

Pason DataHub Deviation Survey 2010/01/19 13:51:43

Well Dossier 1262048630 - JC FED 39

#

30-025-39478

#	Date	Depth	Deviation	Direction	TVD
	12/29/2009	235	0.40	0.00	275.00
	12/29/2009	536	0.60	0.00	0.00
	12/30/2009	842	2.90	0.00	882.00
	12/31/2009	1026	3.00	0.00	0.00
	12/31/2009	1152	3.60	0.00	0.00
	12/31/2009	1278	3.90	0.00	0.00
	12/31/2009	1400	3.80	0.00	0.00
	12/31/2009	1532	3.60	0.00	0.00
	1/1/2010	1784	3.80	0.00	2006.00
	1/1/2010	2006	4.10	0.00	2046.00
	1/1/2010	2067	4.40	0.00	2107.00
	1/2/2010	2222	4.10	0.00	0.00
	1/2/2010	2387	3.10	0.00	0.00
	1/2/2010	2632	2.40	0.00	0.00
	1/2/2010	2915	1.90	0.00	0.00
	1/2/2010	3449	2.50	0.00	0.00
	1/3/2010	3892	2.50	0.00	3961.00
	1/3/2010	4050	2.30	0.00	4119.00
	1/3/2010	4300	1.20	0.00	4370.00
	1/4/2010	4806	1.50	0.00	4874.00
	1/4/2010	5275	1.80	0.00	5345.00
	1/5/2010	5686	1.10	0.00	5754.00
	1/5/2010	6156	0.80	0.00	0.00
	1/6/2010	6598	0.40	0.00	6666.00
	1/6/2010	7025	0.80	0.00	0.00

EOF