

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

December 21, 2009

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

30-025-39479

RE: J C Federal #40 Unit B
330' FNL & 2310' FEL
Sec. 22, T17S, R32E
Lea County, New Mexico

Dear Sir,

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

Very truly yours,

A handwritten signature in cursive script, appearing to read "Eddie C. LaRue".

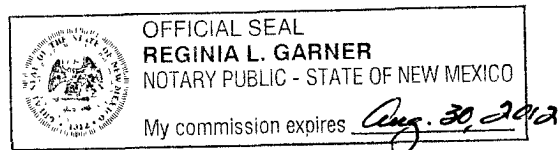
Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 21st day of December, 2009.

A handwritten signature in cursive script, appearing to read "Regina L. Garner".

Notary Public



Pason DataHub Deviation Survey 2009/12/17 08:59:02

Well Dossier 1259618895 - JC FEDERAL # 40

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Date	Depth	Deviation	TVD
12/1/2009	292	0.3	0
12/1/2009	563	0.3	603
12/2/2009	842	0.2	882
12/3/2009	1315	0.6	0
12/3/2009	1821	0.8	1891
12/3/2009	2035	0.8	2105
12/5/2009	2533	0.5	2603
12/6/2009	3037	0.7	3108
12/6/2009	3544	0.8	3614
12/6/2009	4016	0.4	4086
12/6/2009	4516	0.8	4590
12/7/2009	4993	0.5	0
12/8/2009	5535	0.3	5505
12/9/2009	6067	0.7	6137
12/10/2009	6567	1.7	6642
12/10/2009	6966	0.4	0

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