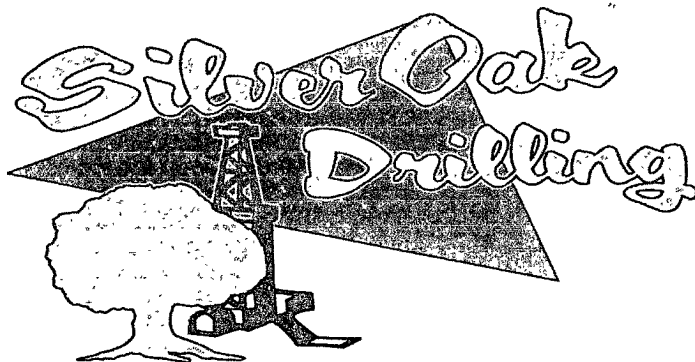




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

RECEIVED

AUG 19 2010
HOBBSOCD

June 10, 2010

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

30-025-39167

RE: JC Federal #29
720' FSL & 1890' FEL
Sec. 21, T17S, R32E
Lea County, New Mexico

Unit 1

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 10th day of June, 2010.

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

OFFICIAL SEAL
REGINIA L. GARNER
NOTARY PUBLIC - STATE OF NEW MEXICO

My commission expires Aug. 30, 2012

Pason DataHub Deviation Survey 2010/06/23 09:36:48
 # Well Dossier 1275243467 - J.C.FEDERAL # 29
 #

#	Date	Depth	Deviation	Direction
5/30/2010		238	0.30	0.00
5/31/2010		474	0.60	0.00
5/31/2010		760	0.80	0.00
6/1/2010		1243	0.50	0.00
6/2/2010		1714	0.60	0.00
6/3/2010		2202	2.16	28.31
6/3/2010		2423	1.55	237.60
6/3/2010		2486	2.69	227.80
6/4/2010		2549	3.77	233.80
6/4/2010		2675	6.30	237.00
6/4/2010		2841	8.08	233.70
6/4/2010		2613	5.18	235.70
6/4/2010		2737	7.02	232.60
6/4/2010		2864	9.82	233.90
6/4/2010		2958	10.73	229.90
6/4/2010		3053	9.71	228.50
6/4/2010		3147	8.99	226.30
6/4/2010		3242	9.64	227.60
6/4/2010		3336	9.32	225.80
6/4/2010		3430	9.59	230.61
6/5/2010		3524	9.11	332.60
6/5/2010		3714	8.57	227.90
6/5/2010		3619	8.75	229.90
6/5/2010		3809	9.71	230.70
6/5/2010		3904	9.53	230.10
6/5/2010		3998	9.49	229.40
6/5/2010		4093	9.21	228.30
6/5/2010		4188	9.20	230.50
6/5/2010		4283	8.65	229.50
6/5/2010		4377	8.52	227.20
6/5/2010		4472	8.67	230.40
6/5/2010		4567	8.37	229.00
6/5/2010		4661	7.87	226.50
6/5/2010		4756	7.96	226.40
6/5/2010		4550	7.70	227.90
6/6/2010		4951	7.49	225.30
6/6/2010		5046	7.29	230.50
6/6/2010		5141	6.65	229.50
6/6/2010		5228	6.33	229.30
6/6/2010		5330	6.39	231.30
6/6/2010		5425	6.39	233.40
6/6/2010		5519	3.99	244.00
6/6/2010		5614	3.89	239.70
6/7/2010		5708	3.62	243.40
6/7/2010		5802	3.47	246.90
6/7/2010		5897	3.68	245.50
6/7/2010		5991	3.58	243.00
6/8/2010		6084	3.78	219.60
6/8/2010		6179	3.71	221.50

Pason DataHub Deviation Survey 2010/06/23 09:36:48
Well Dossier 1275243467 - J.C.FEDERAL # 29
#

#	Date	Depth	Deviation	Direction
	6/8/2010	6367	3.87	221.30
	6/8/2010	6460	4.11	218.10
	6/8/2010	6557	2.62	213.80
	6/8/2010	6557	2.62	213.80
	6/8/2010	6652	2.46	214.60
	6/8/2010	6746	2.79	210.10
	6/8/2010	6841	2.64	238.12
	6/8/2010	6936	2.58	237.40
	6/8/2010	7031	2.52	239.50
	6/9/2010	7088	2.66	239.40

EOF