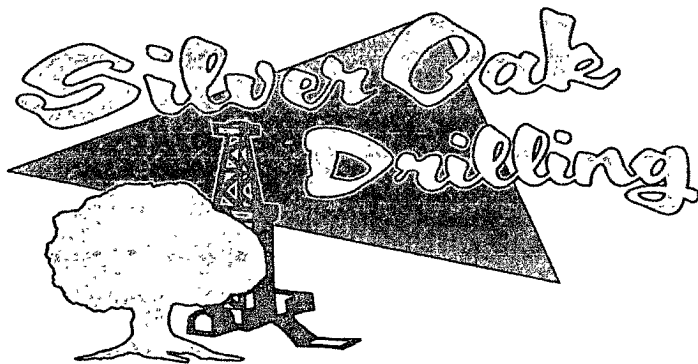




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

RECEIVED

JUL 12 2010

HOBBSOCD

April 23, 2010

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

30-025-39542

RE: JC Federal #34
1045' FSL & 885' FEL
Sec. 21, T17S, R32E
Lea County, New Mexico

Unit P

Dear Sir,

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

Very truly yours,

Eddie C. LaRue
Operations Manager

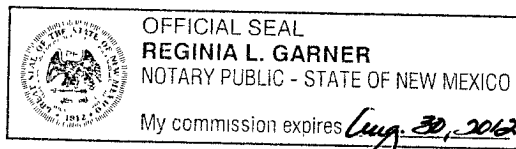
State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 23rd day of April, 2010.

Notary Public

PETROLEUM ENGINEER

KZ JUL 15 2010



Pason DataHub Deviation Survey 2010/04/27 14:06:24
Well Dossier 1271193464 - J.C.FEDERAL # 34
#

Date	Depth	Deviation
4/14/2010	234	0.40
4/14/2010	475	0.70
4/14/2010	713	0.60
4/16/2010	1120	0.70
4/16/2010	1593	0.80
4/16/2010	2066	1.90
4/17/2010	2535	0.80
4/18/2010	2949	0.60
4/18/2010	3447	0.60
4/18/2010	3918	0.50
4/18/2010	4360	0.80
4/19/2010	4800	1.00
4/19/2010	5300	0.50
4/20/2010	5780	0.40
4/20/2010	6251	0.30
4/21/2010	6724	0.00
4/21/2010	6945	0.10

EOF