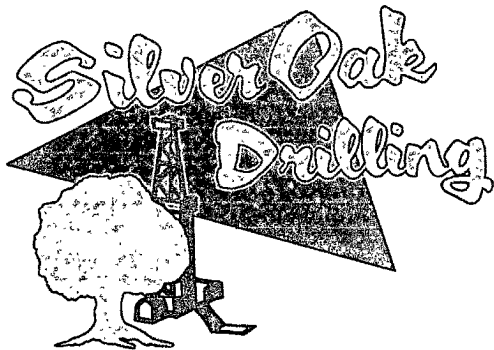




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

July 22, 2011

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

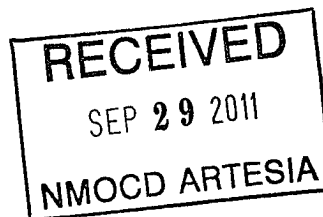
30-015-38440
RE: Foran State #5
2145' FNL & 855' FEL *UL H*
Sec. 16, T17S, R31E
Eddy County, New Mexico

Dear Sir,

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

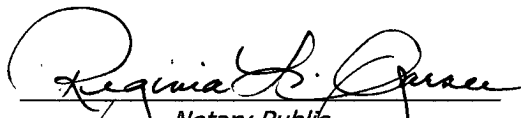
Very truly yours,


Eddie C. LaRue
Operations Manager



State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 22nd day of July, 2011.


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey
 # Well Dossier 1310763325 - Foran State #5
 #

# Date	Depth	Deviation	Direction
7/11/2011	220	0.40	0.00
7/14/2011	837	1.30	0.00
7/14/2011	1183	0.40	0.00
7/14/2011	1337	0.60	0.00
7/16/2011	1765	1.10	202.80
7/16/2011	1890	1.10	90.30
7/16/2011	1984	3.10	179.40
7/16/2011	2016	2.90	208.20
7/16/2011	2077	3.20	191.90
7/16/2011	2171	3.20	203.30
7/16/2011	2358	2.80	218.50
7/16/2011	2452	2.50	220.40
7/16/2011	2546	2.80	221.20
7/16/2011	2640	2.60	218.40
7/16/2011	2734	2.50	220.20
7/16/2011	2828	3.10	215.30
7/17/2011	2922	3.20	214.20
7/17/2011	3015	3.30	223.80
7/17/2011	3203	3.30	221.50
7/17/2011	3297	3.20	221.40
7/17/2011	3391	3.30	221.40
7/17/2011	3485	3.20	222.50
7/17/2011	3579	3.20	222.60
7/17/2011	3673	3.00	221.90
7/17/2011	3767	3.10	222.00
7/17/2011	3861	3.00	220.50
7/17/2011	3954	3.00	219.00
7/17/2011	4048	3.10	218.20
7/17/2011	4143	3.20	216.80
7/17/2011	4237	3.00	233.00
7/18/2011	4331	3.10	235.60
7/18/2011	4426	3.20	231.70
7/18/2011	4520	3.20	231.80
7/18/2011	4613	3.20	230.60
7/18/2011	4708	2.50	228.50
7/18/2011	4739	2.20	224.40
7/18/2011	4801	1.80	218.80
7/18/2011	4896	1.00	215.30
7/18/2011	4989	0.40	298.80
7/18/2011	5083	0.50	293.80
7/18/2011	5177	0.60	291.40
7/18/2011	5232	0.70	288.80
7/19/2011	5374	0.90	0.00
7/19/2011	5562	0.90	0.00
7/19/2011	5813	0.10	0.00
7/19/2011	5970	0.10	0.00
7/20/2011	6220	0.30	0.00
7/20/2011	6495	0.20	0.00

EOF