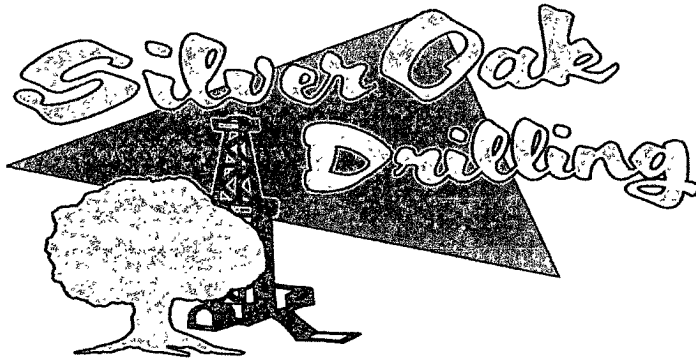




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

January 22, 2010

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

RE: Tex Mack 11 Federal #9
2630' FSL & 2580' FWL
Sec. 11, T17S, R31E
Eddy County, New Mexico

Dear Sir,

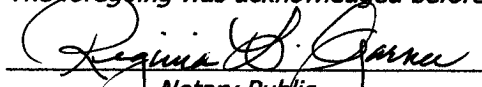
The attached is the Deviation Survey for the above captioned well.

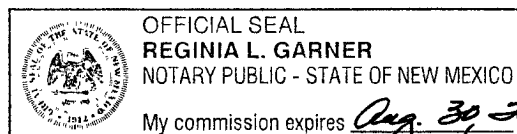
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 22nd day of January, 2010.


Regina L. Garner
Notary Public



Date	Depth	Dev/Inc	Dir/AZ
1/8/2010	249	0.30	0.00
1/8/2010	527	1.20	0.00
1/8/2010	588	0.80	0.00
1/10/2010	864	0.90	0.00
1/10/2010	1272	0.40	0.00
1/10/2010	1585	1.00	0.00
1/12/2010	1905	1.53	80.46
1/12/2010	1968	1.93	112.60
1/12/2010	2031	2.15	153.30
1/12/2010	2093	3.17	157.40
1/12/2010	2156	4.40	154.80
1/12/2010	2282	6.12	151.00
1/12/2010	2344	6.91	147.40
1/12/2010	2407	7.92	144.60
1/12/2010	2469	8.93	142.20
1/12/2010	2602	10.11	132.80
1/12/2010	2666	9.25	132.90
1/12/2010	2728	8.52	127.20
1/12/2010	2853	6.93	123.20
1/13/2010	2978	7.10	129.70
1/13/2010	3072	7.65	125.60
1/13/2010	3197	7.56	127.50
1/13/2010	3322	7.78	124.10
1/13/2010	3448	6.76	125.30
1/13/2010	3573	8.33	127.50
1/14/2010	3729	7.60	129.30
1/14/2010	3854	8.59	125.10
1/14/2010	4011	8.05	125.40
1/14/2010	4167	7.97	124.50
1/14/2010	4324	7.41	124.80
1/14/2010	4481	7.12	125.90
1/14/2010	4637	6.99	128.30
1/15/2010	4762	7.73	122.00
1/15/2010	4919	7.39	121.90
1/15/2010	5044	7.42	119.30
1/15/2010	5106	6.05	122.30
1/15/2010	5194	4.94	121.30
1/15/2010	5263	4.23	119.10
1/16/2010	5359	4.07	129.30
1/16/2010	5421	3.61	138.30
1/16/2010	5515	3.24	140.10
1/16/2010	5626	3.81	128.20
1/16/2010	5671	5.16	117.70
1/16/2010	5734	4.52	122.00
1/16/2010	5796	3.75	128.50
1/16/2010	5859	3.73	116.40
1/16/2010	5953	4.82	121.30
1/16/2010	6015	5.02	132.10
1/17/2010	6109	5.34	141.50
1/17/2010	6235	5.46	143.20
1/17/2010	6360	5.36	141.50
1/17/2010	6449	5.09	147.00
1/18/2010	6791	4.70	0.00