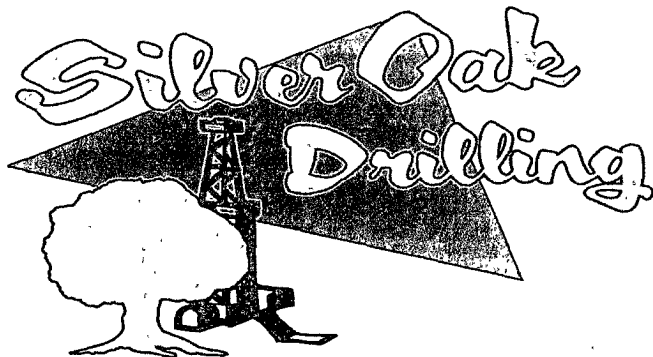
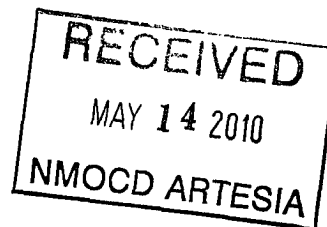




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288



September 24, 2009

Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Bills Federal Com #1
1495' FNL & 330' FWL
Sec. 20, T16S, R29E
Eddy County, New Mexico

Dear Sir,

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

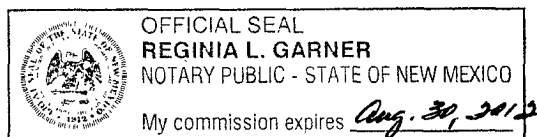
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 24th day of September, 2009.


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey 2009/09/23 09:13:05

Well Dossier 1249351202 - BILLS FED. COM. # 1

#

#	Date	Depth	Deviation	Direction	TVD	Horiz Disp
	8/4/2009	161	0.50	-	-	-
	8/4/2009	358	0.25	-	-	-
	8/5/2009	517	0.00	249.00	-	-
	8/5/2009	637	1.10	-	-	-
	8/5/2009	789	1.40	-	-	-
	8/6/2009	944	0.90	-	-	-
	8/6/2009	1099	0.50	-	-	-
	8/6/2009	1256	0.40	-	-	-
	8/6/2009	1413	0.40	82.10	1,443.00	-
	8/6/2009	1570	0.90	56.10	1,600.00	-
	8/6/2009	1730	0.90	28.10	1,760.00	-
	8/6/2009	1888	1.10	2.00	-	-
	8/6/2009	2044	1.00	325.00	-	-
	8/7/2009	2196	0.50	295.00	-	-
	8/7/2009	2352	0.10	88.00	-	-
	8/7/2009	2510	0.70	337.10	2,540.00	-
	8/7/2009	2670	0.20	162.10	2,700.00	-
	8/7/2009	2828	0.60	220.00	-	-
	8/8/2009	2982	0.90	230.00	-	-
	8/8/2009	3154	0.50	315.00	-	-
	8/9/2009	3235	0.62	259.60	3,234.78	4.43
	8/10/2009	3362	0.62	246.15	3,361.78	3.14
	8/10/2009	3488	0.53	254.50	3,487.77	1.97
	8/10/2009	3615	1.06	210.73	3,614.76	0.85
	8/11/2009	3742	1.14	206.95	3,741.73	0.24
	8/11/2009	3867	2.11	196.23	3,866.68	1.32
	8/11/2009	3931	1.93	199.04	3,930.64	1.92
	8/11/2009	4004	2.46	192.28	4,003.57	2.44
	8/11/2009	4066	4.22	187.62	4,065.47	2.89
	8/12/2009	4130	5.36	187.53	4,129.24	6.18
	8/12/2009	4193	6.33	184.54	4,191.91	3.80
	8/12/2009	4257	6.33	180.32	4,255.54	3.94
	8/12/2009	4320	6.68	171.25	4,318.12	-
	8/12/2009	4384	7.30	179.17	4,381.00	-
	8/12/2009	4447	8.35	182.17	4,444.00	2.83
	8/12/2009	4510	9.58	179.80	4,506.30	2.61
	8/12/2009	4574	9.58	177.60	4,569.41	1.96
	8/13/2009	4637	9.76	174.61	4,631.51	0.83
	8/13/2009	4701	9.67	174.35	4,694.59	0.62
	8/13/2009	4764	8.79	174.52	4,756.78	-
	8/13/2009	4828	7.91	176.72	4,820.10	3.06
	8/14/2009	4891	7.56	181.91	4,882.53	3.49
	8/14/2009	4955	7.30	184.54	4,945.99	3.35
	8/14/2009	5018	7.39	181.29	5,008.47	3.25
	8/14/2009	5082	6.95	182.34	5,071.97	3.30
	8/14/2009	5145	6.42	184.28	5,134.00	3.26
	8/14/2009	5209	5.98	180.32	5,198.17	-
	8/15/2009	5272	5.80	179.27	5,260.84	3.42
	8/15/2009	5336	5.36	181.47	5,324.53	3.62
	8/15/2009	5399	5.01	177.16	5,387.28	3.90
	8/15/2009	5463	4.31	176.28	5,451.06	4.39

Bills Fed Com #1

# Date	Depth	Deviation	Direction	TVD	Horiz Disp
8/15/2009	5524	3.25	128.92	5,511.93	4.73
8/15/2009	5586	2.55	181.29	5,573.85	4.85
8/16/2009	5648	2.02	177.09	5,635.80	4.97
8/16/2009	5710	1.85	174.96	5,697.77	5.19
8/16/2009	5826	0.97	207.31	5,819.72	5.17
8/17/2009	5894	0.26	223.57	5,881.72	4.86
8/17/2009	5957	0.44	36.09	5,944.72	4.90
8/17/2009	6019	0.79	36.53	6,006.72	5.27
8/17/2009	6081	0.70	34.69	6,068.71	5.72
8/17/2009	6143	0.79	35.83	6,130.71	6.16
8/17/2009	6205	0.88	37.50	6,192.70	6.67
8/18/2009	6298	0.88	19.75	6,285.69	7.30
8/18/2009	6391	0.53	32.93	6,378.68	7.73
8/18/2009	6567	0.53	346.70	6,563.00	8.45
8/19/2009	6669	0.79	346.00	6,656.66	-
8/19/2009	6764	0.97	351.27	6,751.65	-
8/19/2009	6859	0.44	245.36	6,846.65	7.35
8/19/2009	6954	0.44	275.33	6,941.64	6.66
8/19/2009	7049	0.35	288.34	7,036.64	6.01
8/20/2009	7145	0.26	306.01	7,132.64	-
8/20/2009	7240	0.44	295.72	7,227.64	4.96
8/20/2009	7335	0.88	293.88	7,322.00	4.02
8/24/2009	6367	0.62	31.03	6,354.68	7.65
8/24/2009	6399	2.11	78.10	6,386.67	8.31
8/24/2009	6431	5.36	88.24	6,418.60	10.37
8/24/2009	6463	8.44	91.12	6,450.37	14.21
8/24/2009	6494	11.34	92.69	6,480.90	19.54
8/24/2009	6526	14.42	93.00	6,512.09	26.67
8/24/2009	6558	17.41	92.44	6,542.86	35.44
8/25/2009	6590	19.79	91.86	6,573.19	45.65
8/25/2009	6622	22.16	90.68	6,603.07	57.10
8/25/2009	6653	25.06	90.14	6,631.47	69.51
8/25/2009	6685	27.44	89.83	6,660.17	83.65
8/25/2009	6717	29.37	90.05	6,688.31	98.86
8/25/2009	6748	31.39	90.84	6,715.05	114.53
8/25/2009	6780	33.85	91.13	6,742.01	131.77
8/25/2009	6812	36.49	91.34	6,768.16	150.20
8/25/2009	6844	39.13	91.12	6,793.44	169.81
8/26/2009	6875	41.77	90.29	6,817.03	189.92
8/26/2009	6907	44.49	89.79	6,840.38	211.77
8/26/2009	6939	46.78	89.93	6,862.75	234.63
8/26/2009	6971	49.24	90.46	6,884.16	-
8/26/2009	7002	51.20	90.53	6,903.89	-
8/26/2009	7034	55.31	89.89	6,922.92	-
8/26/2009	7066	58.65	89.38	6,940.35	334.80
8/26/2009	7098	61.82	89.30	6,956.24	362.54
8/26/2009	7129	64.37	89.42	6,970.27	390.15
8/27/2009	7139	71.49	90.11	6,994.50	449.28
8/27/2009	7225	75.27	90.41	7,003.65	479.92
8/27/2009	7256	77.56	90.54	7,010.94	-
8/27/2009	7288	80.20	90.27	7,017.11	-
8/27/2009	7320	83.10	90.16	7,021.75	-
8/28/2009	7340	84.84	88.10	7,023.90	-
8/28/2009	7372	88.88	87.95	7,025.60	-

Bills Fed Com #1

# Date	Depth	Deviation	Direction	TVD	Horiz Disp
8/28/2009	7403	89.27	88.55	7,026.00	-
8/28/2009	7435	88.99	88.45	7,026.00	687.00
8/28/2009	7497	88.60	88.22	7,027.90	749.48
8/28/2009	7559	88.94	88.46	7,029.23	811.32
8/29/2009	7622	89.33	88.57	7,030.18	874.18
8/29/2009	7685	89.38	88.84	7,030.89	937.06
8/29/2009	7747	88.99	89.79	7,031.77	998.98
8/29/2009	7810	89.38	90.13	7,032.78	-
8/29/2009	7873	89.83	90.37	7,033.10	-
8/29/2009	7937	88.38	89.93	7,034.10	-
8/29/2009	7999	88.21	89.97	7,036.00	1,250.00
8/30/2009	8063	88.26	90.86	7,037.92	1,314.69
8/30/2009	8126	89.44	92.87	7,039.20	1,377.70
8/30/2009	8189	90.56	93.34	7,039.18	-
8/31/2009	8252	89.93	92.85	7,038.97	1,503.66
8/31/2009	8316	89.16	92.18	7,039.53	1,567.65
8/31/2009	8380	87.54	92.01	7,041.37	1,631.62
8/31/2009	8442	87.25	91.82	7,044.22	1,693.56
8/31/2009	8505	89.33	91.88	7,046.10	1,756.50
8/31/2009	8568	91.01	92.01	7,045.00	1,819.00
8/31/2009	8631	91.01	91.89	7,044.00	-
8/31/2009	8694	90.62	91.36	7,043.90	1,945.50
8/31/2009	8757	90.00	89.50	7,043.59	-
8/31/2009	8820	88.60	88.86	7,044.36	-
9/1/2009	8883	88.55	89.59	7,045.93	2,134.24
9/1/2009	8947	88.88	88.92	7,047.36	2,198.11
9/1/2009	9010	88.55	88.43	7,048.78	2,260.97
9/1/2009	9074	88.88	87.88	7,050.20	2,324.80
9/1/2009	9137	89.50	87.63	7,051.10	2,387.60
9/1/2009	9200	88.88	87.13	7,052.00	2,450.40
9/1/2009	9264	89.33	86.98	7,053.00	2,514.10
9/1/2009	9327	90.50	88.14	7,053.10	2,576.90
9/1/2009	9391	90.45	88.49	7,052.55	2,640.74
9/1/2009	9454	89.50	88.70	7,052.58	-
9/2/2009	9518	89.55	88.49	7,053.11	2,767.49
9/2/2009	9581	88.88	89.17	7,053.98	2,830.37
9/2/2009	9645	88.49	89.53	7,055.43	2,894.28
9/2/2009	9708	89.05	89.80	7,056.00	2,957.00
9/2/2009	9772	89.22	90.67	7,057.80	3,021.20
9/2/2009	9835	89.11	90.54	7,058.70	3,084.10
9/2/2009	9899	88.99	90.58	7,059.70	3,148.10
9/2/2009	9962	89.55	90.67	7,060.50	3,211.10
9/2/2009	10026	89.38	90.59	7,061.10	2,275.00
9/2/2009	10089	88.83	90.57	7,062.13	3,338.00
9/3/2009	10153	89.33	90.62	7,063.15	3,401.97
9/3/2009	10216	89.66	91.03	7,063.71	3,464.95
9/3/2009	10280	89.33	90.45	7,064.27	3,528.90
9/3/2009	10343	89.72	90.27	7,064.80	3,591.89
9/3/2009	10407	89.78	90.00	7,065.10	3,655.80
9/3/2009	10470	89.94	90.09	7,065.20	3,718.80
9/3/2009	10534	89.89	90.19	7,065.30	3,782.80
9/3/2009	10597	89.10	89.96	7,065.90	3,845.70
9/3/2009	10661	88.71	90.29	7,067.10	3,909.70
9/3/2009	10724	89.27	90.00	7,068.20	3,972.60

Bills Fed Com #1

#	Date	Depth	Deviation	Direction	TVD	Horiz Disp
	9/3/2009	10788	88.77	89.78	7,069.30	4,036.50
	9/3/2009	10851	88.49	89.70	7,070.81	4,099.47
	9/4/2009	10915	88.88	89.54	7,072.28	4,163.39
	9/4/2009	10978	89.55	89.54	7,073.15	4,226.32
	9/4/2009	11042	89.10	90.12	7,073.90	4,290.27
	9/4/2009	11105	88.60	90.33	7,075.16	4,353.21
	9/4/2009	11169	89.05	90.71	7,076.50	4,417.20
	9/4/2009	11232	90.00	90.94	7,077.00	4,476.40
	9/4/2009	11294	89.66	91.16	7,077.20	4,542.10
#	EOF					