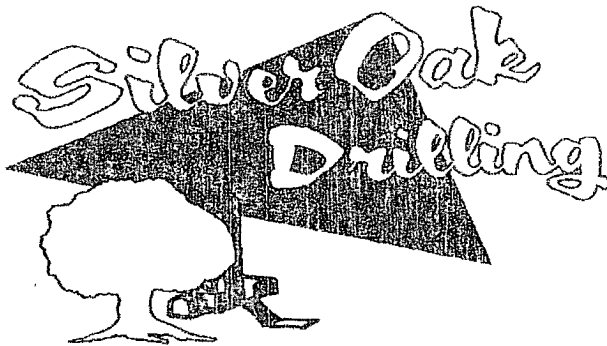




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

July 17, 2009

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

RE: Redskins Fed Com #2
330' FNL & 280' FEL
Sec. 17, T16S, R29E
Eddy County, New Mexico

Dear Sir,

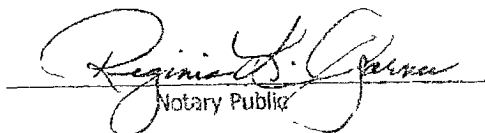
The attached is the Deviation Survey for the above captioned well.

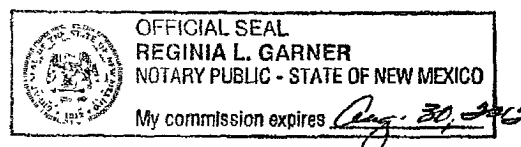
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 17th day of July, 2009.


Notary Public



Pason DataHub Deviation Survey
Well Dossier 1243884085 - Redskins Federal Com #2

# Date	Depth	Deviation	Direction	TVD
6/1/2009	203.00	0.50	-	-
6/1/2009	331.00	0.50	-	-
6/5/2009	461.00	97.00	23.11	460.98
6/5/2009	644.00	1.32	39.63	643.94
6/5/2009	926.00	1.32	47.28	825.90
6/6/2009	982.00	1.23	45.43	981.85
6/6/2009	1,169.00	0.97	44.20	1,168.83
6/6/2009	1,362.00	1.06	61.95	1,361.69
6/6/2009	1,705.00	0.70	35.85	1,704.75
6/6/2009	1,799.00	0.62	34.18	1,798.74
6/6/2009	1,830.00	0.62	32.69	1,829.74
6/6/2009	1,861.00	1.41	31.19	1,860.73
6/6/2009	1,892.00	1.93	23.46	1,891.72
6/6/2009	1,923.00	2.81	15.90	1,922.74
6/6/2009	1,954.00	3.61	11.51	1,953.64
6/6/2009	1,986.00	4.48	10.36	1,985.56
6/6/2009	2,017.00	5.26	10.10	2,016.45
6/6/2009	2,048.00	6.33	12.91	2,047.29
6/6/2009	2,079.00	7.47	8.43	2,078.07
6/6/2009	2,110.00	8.18	7.20	2,108.78
6/7/2009	2,203.00	10.90	2.37	2,200.52
6/7/2009	2,234.00	12.05	3.68	2,230.99
6/7/2009	2,265.00	13.19	3.33	2,261.19
6/7/2009	2,296.00	13.89	2.19	2,291.29
6/7/2009	2,327.00	14.77	1.84	2,321.33
6/7/2009	2,390.00	17.15	0.78	2,381.90
6/7/2009	2,421.00	18.05	0.34	2,411.40
6/7/2009	2,483.00	19.96	0.17	2,470.9
6/7/2009	2,515.00	20.75	359.90	2,500.10
6/7/2009	2,546.00	21.10	1.49	2,029.05
6/7/2009	2,577.00	21.63	2.01	2,557.92
6/7/2009	2,608.00	29.90	3.60	2,586.71
6/7/2009	2,639.00	22.77	3.68	2,615.39
6/8/2009	2,670.00	23.92	3.68	2,643.85
6/8/2009	2,670.00	25.06	4.21	2,672.97
6/8/2009	2,733.00	25.59	3.60	2,700.99
6/8/2009	2,764.00	25.59	3.42	2,728.95
6/8/2009	2,795.00	25.32	3.60	2,756.94
6/8/2009	2,920.00	24.36	4.83	2,870.38
6/8/2009	2,920.00	24.05	5.18	2,898.65
6/8/2009	3,013.00	26.29	5.18	2,954.44
6/8/2009	3,106.00	26.82	3.42	3,037.57
6/8/2009	3,138.00	26.91	0.96	3,066.11
6/8/2009	3,169.00	26.91	358.23	3,093.76
6/8/2009	3,200.00	26.73	357.36	3,121.42
6/8/2009	3,231.00	26.56	357.36	3,149.13
6/9/2009	3,262.00	26.20	356.74	3,177.21
6/9/2009	3,293.00	25.94	356.48	3,205.06
6/9/2009	3,324.00	25.32	355.16	3,232.70
6/9/2009	3,333.00	24.45	353.93	3,238.33
6/10/2009	3,364.00	24.18	354.37	3,266.64

# Date	Depth	Deviation	Direction	TVD
6/10/2009	3,395.00	23.48	354.45	3,295.00
6/10/2009	3,427.00	22.51	356.04	3,324.46
6/10/2009	3,458.00	21.10	358.06	3,353.24
6/10/2009	3,520.00	18.49	0.43	3,411.56
6/10/2009	3,551.00	17.15	2.01	3,441.07
6/10/2009	3,582.00	16.18	2.19	3,470.26
6/10/2009	3,613.00	18.49	2.19	3,500.56
6/10/2009	3,645.00	15.56	1.84	3,531.37
6/10/2009	3,676.00	14.95	2.72	3,561.28
6/10/2009	3,707.00	14.07	2.19	3,591.29
6/10/2009	3,738.00	12.66	1.49	3,621.45
6/11/2009	3,769.00	11.52	0.08	3,651.76
6/11/2009	3,800.00	10.11	1.57	3,682.21
6/11/2009	3,832.00	8.44	2.63	3,713.79
6/11/2009	3,863.00	7.03	0.26	3,744.51
6/11/2009	3,894.00	5.45	356.39	3,775.33
6/11/2009	3,925.00	3.96	4.39	3,806.22
6/11/2009	3,987.00	2.64	30.31	3,837.17
6/11/2009	4,018.00	1.58	61.60	3,899.13
6/12/2009	4,081.00	0.62	161.76	3,962.12
6/12/2009	4,175.00	4.14	206.10	4,056.11
6/12/2009	4,268.00	1.49	225.08	4,149.08
6/12/2009	4,361.00	2.02	189.66	4,242.04
6/12/2009	4,456.00	2.11	17.69	4,336.98
6/12/2009	4,548.00	2.29	174.81	4,428.81
6/13/2009	4,651.00	2.55	177.25	4,521.83
6/13/2009	4,734.00	1.67	147.21	4,614.77
6/13/2009	4,827.00	0.26	269.46	4,727.76
6/14/2009	4,920.00	0.13	330.64	4,800.75
6/14/2009	5,014.00	0.35	357.80	4,894.75
6/14/2009	5,107.00	0.88	351.91	4,987.75
6/15/2009	5,294.00	0.35	123.74	5,174.75
6/15/2009	5,387.00	0.26	97.46	5,267.75
6/15/2009	5,481.00	0.26	352.08	5,361.74
6/15/2009	5,574.00	0.88	128.14	5,454.74
6/15/2009	5,667.00	0.70	125.59	5,547.73
6/16/2009	5,761.00	0.62	118.91	5,641.73
6/16/2009	5,854.00	0.70	120.67	5,734.72
6/16/2009	5,948.00	0.62	103.62	5,828.71
6/16/2009	6,041.00	0.53	116.89	5,921.71
6/16/2009	6,134.00	0.26	114.69	6,014.70
6/16/2009	6,228.00	1.41	104.05	6,108.70
6/17/2009	6,321.00	2.02	102.47	6,201.65
6/17/2009	6,414.00	1.93	105.90	6,294.60
6/17/2009	6,508.00	2.02	105.04	6,388.54
6/17/2009	6,601.00	1.93	105.81	6,481.48
6/17/2009	6,695.00	1.67	103.18	6,575.44
6/17/2009	6,788.00	1.67	103.53	6,668.40
6/18/2009	6,882.00	1.49	102.65	6,762.37
6/18/2009	7,066.00	1.41	109.06	6,948.30
6/18/2009	7,162.00	1.49	121.19	7,042.27
6/18/2009	7,299.00	1.32	137.01	7,179.23
6/22/2009	6,551.00	2.46	100.67	6,431.51
6/22/2009	6,582.00	5.47	88.42	6,462.43

# Date	Depth	Deviation	Direction	TVD
6/22/2009	6,613.00	9.15	86.69	6,493.17
6/22/2009	6,644.00	13.10	86.66	6,523.59
6/22/2009	6,773.00	15.21	88.35	6,554.61
6/23/2009	6,707.00	15.04	88.41	6,584.54
6/23/2009	6,738.00	15.04	87.96	6,614.48
6/23/2009	6,769.00	18.03	88.19	6,644.19
6/23/2009	6,800.00	21.54	89.25	6,673.36
6/23/2009	6,831.00	25.15	91.41	6,701.81
6/23/2009	6,862.00	28.75	93.70	6,729.44
6/23/2009	6,894.00	31.57	94.76	6,757.11
6/23/2009	6,925.00	34.12	93.95	6,783.15
6/24/2009	6,956.00	36.93	92.38	6,808.36
6/24/2009	6,987.00	39.92	90.88	6,832.66
6/24/2009	7,018.00	43.00	90.75	6,855.89
6/24/2009	7,049.00	47.22	92.18	6,877.76
6/24/2009	7,081.00	49.68	91.49	6,898.99
6/24/2009	7,112.00	52.41	90.98	6,918.48
6/24/2009	7,143.00	52.41	90.98	6,918.48
6/24/2009	7,174.00	58.65	90.28	6,953.57
6/24/2009	7,205.00	62.78	90.39	6,968.73
6/24/2009	7,236.00	66.74	90.13	6,981.94
6/25/2009	7,268.00	70.79	89.65	6,993.53
6/25/2009	7,330.00	74.83	89.96	7,002.40
6/25/2009	7,340.00	80.02	89.21	7,011.74
6/27/2009	7,377.00	84.28	88.50	7,016.81
6/27/2009	7,409.00	88.15	88.35	7,018.92
6/27/2009	7,440.00	88.60	88.37	7,019.80
6/27/2009	7,471.00	88.71	88.59	7,020.53
6/27/2009	7,502.00	89.44	89.69	7,021.03
6/27/2009	7,533.00	89.89	90.62	7,021.21
6/27/2009	7,627.00	90.11	91.01	7,021.36
6/27/2009	7,658.00	90.28	90.93	7,020.97
6/27/2009	7,689.00	90.30	90.84	7,321.08
6/27/2009	7,720.00	90.39	90.45	7,020.87
6/27/2009	7,751.00	90.28	90.62	7,020.59
6/27/2009	7,782.00	89.38	91.02	7,020.61
6/28/2009	7,069.00	88.60	91.27	7,025.49
6/28/2009	7,813.00	88.26	91.44	7,021.26
6/28/2009	7,844.00	88.32	91.36	7,022.18
6/28/2009	7,876.00	88.49	90.31	7,023.07
6/28/2009	7,907.00	88.19	91.23	7,023.89
6/28/2009	7,938.00	88.49	91.18	7,024.17
6/28/2009	8,000.00	88.99	90.70	7,026.45
6/28/2009	8,031.00	89.22	90.38	7,026.63
6/28/2009	8,062.00	89.16	90.39	7,027.07
6/28/2009	8,034.00	89.27	90.58	7,027.51
6/28/2009	8,125.00	89.27	91.08	7,027.90
6/28/2009	8,156.00	89.38	91.40	7,028.27
6/28/2009	8,187.00	89.38	90.12	7,028.60
6/28/2009	8,218.00	89.44	88.74	7,028.92
6/28/2009	8,280.00	89.38	88.58	7,029.51
6/28/2009	8,312.00	89.33	88.66	7,029.87
6/28/2009	8,343.00	89.33	88.78	7,030.22
6/29/2009	8,374.00	89.27	88.92	7,030.59

#	Date	Depth	Deviation	Direction	TVD
6/29/2009	8,405.00	89.22	88.89	7,031.00	
6/29/2009	8,436.00	88.99	88.84	7,031.48	
6/29/2009	8,467.00	89.44	88.61	7,031.90	
6/29/2009	8,499.00	89.10	88.28	7,033.22	
6/29/2009	8,530.00	88.66	87.79	7,032.92	
6/29/2009	8,561.00	89.26	87.48	7,033.48	
6/29/2009	8,592.00	87.99	87.55	7,034.22	
6/29/2009	8,623.00	87.87	87.59	7,035.88	
6/29/2009	8,685.00	88.99	90.07	7,037.36	
6/29/2009	8,717.00	89.44	89.76	7,038.08	
6/29/2009	8,748.00	89.44	89.44	7,038.38	
6/29/2009	8,779.00	89.44	89.77	7,038.64	
6/29/2009	8,810.00	89.61	90.01	7,038.94	
6/29/2009	8,841.00	89.44	90.28	7,039.20	
6/30/2009	8,872.00	8,933.00	90.46	7,039.53	
6/30/2009	8,903.00	89.55	90.78	7,039.84	
6/30/2009	8,928.00	90.31	91.52	7,039.27	
7/1/2009	9,026.00	91.23	90.89	7,038.04	
7/1/2009	9,057.00	90.22	91.25	7,037.51	
7/1/2009	9,088.00	90.17	91.07	7,037.54	
7/1/2009	9,151.00	90.39	91.52	7,037.23	
7/1/2009	9,182.00	89.33	90.57	7,037.31	
7/1/2009	9,213.00	88.43	90.47	7,037.91	
7/1/2009	9,244.00	88.66	90.38	7,038.07	
7/1/2009	9,275.00	88.43	90.83	7,039.49	
7/1/2009	9,306.00	88.32	90.74	7,040.37	
7/1/2009	9,337.00	89.33	90.18	7,041.01	
7/2/2009	9,400.00	90.06	90.66	7,041.18	
7/2/2009	9,431.00	89.94	91.01	7,041.20	
7/2/2009	9,462.00	90.06	90.96	7,041.20	
7/2/2009	9,493.00	90.06	91.39	7,041.17	
7/2/2009	9,525.00	90.00	91.77	7,041.15	
7/2/2009	9,556.00	90.39	91.99	7,041.05	
7/2/2009	9,587.00	90.45	91.06	7,040.83	
7/2/2009	9,618.00	90.50	90.14	7,040.56	
7/2/2009	9,649.00	89.61	89.53	7,040.53	
7/2/2009	9,780.00	89.10	89.10	7,040.88	
7/3/2009	9,743.00	88.71	89.29	7,042.10	
7/3/2009	9,774.00	88.49	89.37	7,042.85	
7/3/2009	9,805.00	88.94	88.82	7,043.55	
7/3/2009	9,836.00	89.27	88.82	7,043.55	
7/3/2009	9,867.00	89.27	88.66	7,044.25	
7/3/2009	9,898.00	89.11	88.87	7,043.55	
7/3/2009	9,929.00	89.22	88.60	7,045.31	
7/3/2009	9,960.00	89.61	88.69	7,045.63	
7/3/2009	9,992.00	89.78	88.84	7,045.80	
7/3/2009	10,023.00	89.72	88.82	7,045.93	
7/3/2009	10,054.00	89.66	88.84	7,046.10	
7/3/2009	10,085.00	89.50	89.12	-	
7/3/2009	10,178.00	89.27	89.52	7,049.00	
7/3/2009	10,241.00	88.88	88.97	7,047.91	
7/3/2009	10,272.00	89.05	88.72	7,048.47	
7/3/2009	10,303.00	88.88	90.04	7,047.00	
7/3/2009	10,334.00	90.00	90.31	7,049.03	

#	Date	Depth	Deviation	Direction	TVD
7/4/2009	10,365.00	90.22	90.76	7,049.27	
7/4/2009	10,396.00	89.83	90.73	7,049.26	
7/4/2009	10,427.00	89.16	91.14	7,049.53	
7/4/2009	10,459.00	89.88	91.18	7,050.08	
7/4/2009	10,490.00	88.32	91.21	7,050.84	
7/4/2009	10,521.00	88.27	90.26	7,050.60	
7/4/2009	10,583.00	89.61	90.34	7,052.91	
7/4/2009	10,614.00	90.22	90.01	7,052.96	
7/4/2009	10,614.00	90.22	90.01	7,052.96	
7/4/2009	10,645.00	90.00	90.34	7,052.90	
7/4/2009	10,676.00	89.72	90.47	7,052.97	
7/4/2009	10,707.00	91.06	90.06	7,052.06	
7/4/2009	10,738.00	91.63	89.75	7,052.02	
7/4/2009	10,769.00	91.29	89.90	7,051.22	
7/4/2009	10,800.00	91.57	89.88	7,050.44	
7/4/2009	10,831.00	89.72	89.78	7,050.09	
7/4/2009	10,862.00	88.60	89.66	7,050.55	
7/5/2009	10,894.00	88.66	89.68	7,051.31	
7/5/2009	10,925.00	88.43	89.96	7,053.61	
7/5/2009	10,956.00	88.16	90.01	7,053.02	
7/5/2009	10,987.00	88.21	89.90	7,054.01	
7/5/2009	11,018.00	88.04	90.08	7,055.00	
7/5/2009	11,050.00	88.88	89.79	7,056.18	
7/5/2009	11,081.00	90.31	90.69	7,056.50	
7/5/2009	11,107.00	90.48	90.17	7,056.93	
7/5/2009	11,138.00	90.40	90.49	7,056.69	
7/5/2009	11,169.00	90.31	90.69	7,056.50	
7/5/2009	11,200.00	90.48	90.65	7,056.29	
7/5/2009	11,231.00	90.66	90.72	7,055.98	
7/5/2009	11,262.00	89.34	90.96	7,055.98	
7/5/2009	11,293.00	88.99	89.80	7,056.43	
7/5/2009	11,325.00	89.08	89.75	7,056.97	
7/5/2009	11,356.00	88.99	90.09	7,057.49	
7/5/2009	11,387.00	89.34	89.67	7,057.94	
7/5/2009	11,411.00	89.43	89.17	7,058.20	

EOF