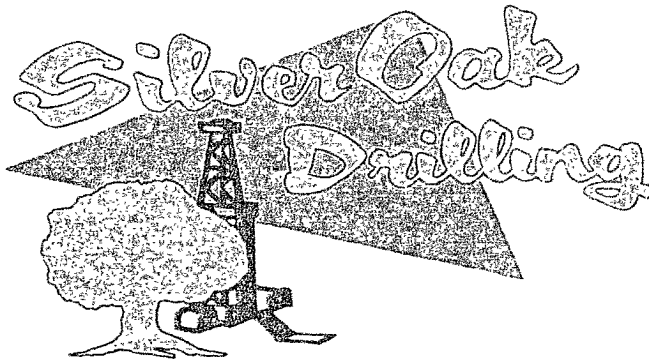


30.005.64096



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

May 29, 2009

SEP 14 2009

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

RE: Whitehorse Federal #1
165' FSL & 2310' FEL
Sec. 30, T15S, R29E
Eddy County, New Mexico

Dear Sir,

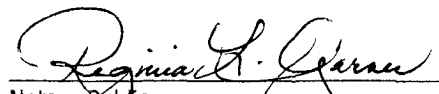
The attached is the Deviation Survey for the above captioned well.

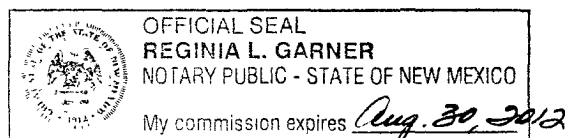
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 29th day of May, 2009.


Notary Public



MR

SEP 14 2009

Date	Depth	Dev	Dir	TVD
05/13/2009	284.00	1.00	0.00	0.00
05/13/2009	408.00	2.25	0.00	0.00
05/14/2009	469.00	2.64	76.69	0.00
05/14/2009	507.00	2.55	77.75	0.00
05/14/2009	601.00	2.55	78.18	0.00
05/14/2009	696.00	2.37	80.38	0.00
05/14/2009	791.00	2.11	81.79	0.00
05/14/2009	886.00	2.00	82.80	0.00
05/14/2009	977.00	1.85	84.42	0.00
05/15/2009	1070.00	1.69	86.27	0.00
05/15/2009	1165.00	1.41	90.14	0.00
05/15/2009	1259.00	1.23	94.09	0.00
05/15/2009	1352.00	1.14	93.65	0.00
05/15/2009	1446.00	0.00	0.00	0.00
05/15/2009	1539.00	1.06	102.69	0.00
05/15/2009	1633.00	0.88	106.92	0.00
05/15/2009	1729.00	0.70	110.18	0.00
05/15/2009	1824.00	0.79	105.96	0.00
05/15/2009	1919.00	0.79	105.96	0.00
05/15/2009	2014.00	0.79	102.27	0.00
05/16/2009	2023.00	0.53	15.53	2123.00
05/16/2009	2322.00	1.32	337.12	0.00
05/17/2009	2508.00	1.58	329.03	0.00
05/17/2009	2570.00	1.41	327.68	2579.11
05/17/2009	2611.00	1.49	325.71	2610.10
05/17/2009	2673.00	2.90	55.88	2672.00
05/17/2009	2703.00	6.33	63.71	2702.00
05/17/2009	2766.00	13.10	65.86	2764.00
05/17/2009	2796.00	16.27	66.84	2793.00
05/18/2009	2827.00	19.43	67.40	2822.52
05/18/2009	2858.00	22.77	68.07	2851.51
05/18/2009	2888.00	25.94	70.41	2878.81
05/18/2009	2919.00	29.37	71.30	2906.27
05/18/2009	2950.00	32.89	70.78	2932.80
05/18/2009	2981.00	35.96	70.41	2958.40
05/18/2009	3011.00	39.48	69.67	2982.00
05/18/2009	3042.00	42.82	69.95	3005.00
05/18/2009	3073.00	46.96	70.72	3027.00
05/19/2009	3104.00	51.53	72.08	3027.00
05/19/2009	3135.00	55.31	72.74	3066.00
05/19/2009	3166.00	58.74	72.91	3082.96
05/19/2009	3228.00	65.69	73.15	3098.20
05/19/2009	3259.00	69.29	73.19	3123.70
05/19/2009	3291.00	72.98	74.13	3134.00
05/19/2009	3323.00	76.59	73.97	3142.40
05/19/2009	3354.00	80.28	73.01	3148.60
05/20/2009	3640.00	89.96	69.09	3161.18
05/20/2009	3735.00	89.96	69.89	3161.25
05/20/2009	3829.00	89.08	70.33	3162.00
05/20/2009	3924.00	90.13	70.01	3162.00
05/20/2009	4018.00	89.60	71.98	3162.00
05/21/2009	4113.00	89.69	73.01	3163.50
05/21/2009	4208.00	90.13	72.81	3163.65
05/21/2009	4302.00	89.52	74.36	3163.94
05/21/2009	4396.00	89.69	73.87	3164.49
05/21/2009	4490.00	89.25	74.60	3165.46
05/21/2009	4584.00	89.25	73.71	3166.68