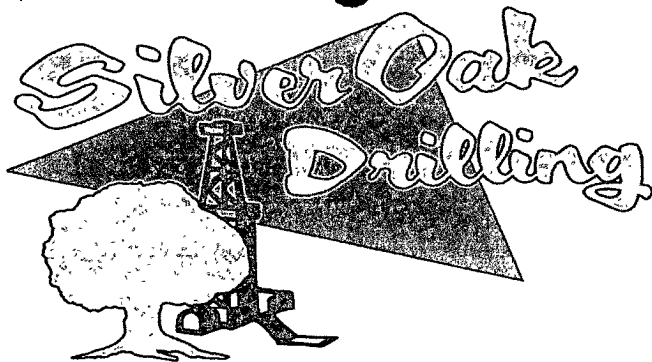




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

December 31, 2009

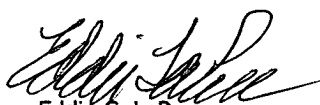
Mack Energy Corporation
PO Box 960
Artesia, NM 88211-0960

RE: Ditka Fed Com #1
1675' FNL & 330' FWL
Sec. 25, T16S, R28E
Eddy County, New Mexico

Dear Sir,

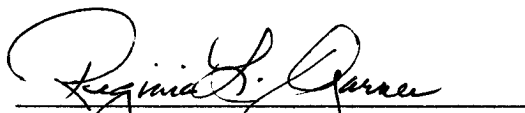
The attached is the Deviation Survey for the above captioned well.

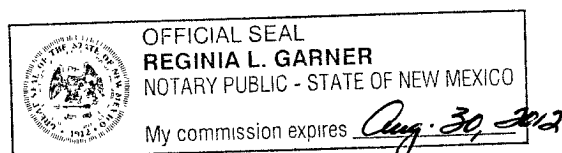
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 31st day of December, 2009.


Notary Public



Pason DataHub Deviation Survey 2009/12/31 08:37:52

Well Dossier 1258680227 - DITKA FED. COM # 1

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#	Date	Depth	Deviation	Direction	TVD	Horiz Disp
	11/20/2009	172	0.70	0.00	0.00	0.00
	11/21/2009	422	1.00	335.00	464.00	0.00
	11/21/2009	572	1.10	339.00	0.00	0.00
	11/21/2009	718	1.00	320.00	0.00	0.00
	11/21/2009	936	1.00	332.00	0.00	0.00
	11/22/2009	1095	0.40	358.00	0.00	0.00
	11/22/2009	1254	1.30	345.00	0.00	0.00
	11/22/2009	1412	1.20	344.60	0.00	0.00
	11/22/2009	1571	0.50	356.00	1613.00	0.00
	11/22/2009	1761	0.80	350.60	1803.00	0.00
	11/22/2009	1951	1.00	343.00	1993.00	0.00
	11/22/2009	2149	1.10	332.60	0.00	0.00
	11/22/2009	2339	2.00	308.60	0.00	0.00
	11/23/2009	2530	1.60	321.00	0.00	0.00
	11/23/2009	2720	1.60	331.00	0.00	0.00
	11/23/2009	2923	1.60	339.60	0.00	0.00
	11/24/2009	3113	1.50	349.00	0.00	0.00
	11/24/2009	3304	1.20	0.00	3339.00	0.00
	11/25/2009	3648	1.23	340.24	3647.22	24.10
	11/25/2009	3680	0.70	353.74	3679.21	24.23
	11/25/2009	3712	0.00	226.07	3711.21	24.26
	11/25/2009	3743	0.97	178.30	3742.21	24.25
	11/25/2009	3775	1.58	173.05	3806.20	24.12
	11/25/2009	3807	2.37	175.25	3806.19	24.07
	11/26/2009	3870	3.61	173.71	3869.10	23.73
	11/26/2009	3902	4.48	175.47	3901.20	0.00
	11/26/2009	3933	5.19	177.78	3931.91	0.00
	11/26/2009	3965	5.72	178.75	3963.76	0.00
	11/26/2009	3997	6.42	180.36	3995.58	0.00
	11/26/2009	4060	6.95	177.65	4085.15	23.02
	11/26/2009	4092	7.56	174.42	4089.90	22.71
	11/26/2009	4124	8.62	172.72	4122.57	21.93
	11/26/2009	4155	9.75	170.78	4154.16	21.38
	11/26/2009	4219	11.87	171.50	4215.04	19.50
	11/26/2009	4282	12.40	173.12	4276.63	17.64
	11/27/2009	4378	11.96	173.73	4370.47	15.18
	11/27/2009	4473	11.70	173.69	4463.00	12.92
	11/27/2009	4568	11.08	173.85	4556.58	10.75
	11/27/2009	4664	11.70	176.69	4650.69	9.07
	11/28/2009	4759	11.43	177.31	4743.76	7.95
	11/28/2009	4949	11.61	177.04	4930.05	5.05
	11/28/2009	5045	10.99	179.58	5024.19	4.35
	11/28/2009	5140	11.87	179.12	5117.30	4.01
	11/28/2009	5203	12.31	175.67	5178.91	4.54
	11/29/2009	5267	12.22	173.24	5241.45	3.23
	11/29/2009	5330	12.40	173.69	5303.00	0.29
	11/29/2009	5394	11.52	175.22	5365.61	1.09
	11/29/2009	5457	11.34	170.98	5427.36	2.67
	11/29/2009	5520	11.52	165.92	5489.11	5.25
	11/29/2009	5584	11.26	169.57	5551.85	8.02
	11/30/2009	5615	10.46	172.67	5582.30	8.97

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# Date	Depth	Deviation	Direction	TVD	Horiz Disp
11/30/2009	5647	8.97	175.20	5613.84	9.58
11/30/2009	5679	8.09	178.39	5645.48	9.89
11/30/2009	5711	7.47	179.69	5677.19	9.99
11/30/2009	5774	7.20	177.90	5739.67	10.17
11/30/2009	5806	7.03	176.25	5771.42	10.40
11/30/2009	5838	6.24	172.62	5803.21	10.78
11/30/2009	5859	5.28	171.48	5834.05	11.23
11/30/2009	5901	4.84	171.00	5865.93	11.67
11/30/2009	5933	4.04	173.17	5897.83	12.03
11/30/2009	5965	3.34	173.88	5929.76	12.28
11/30/2009	5996	2.37	167.43	5960.73	12.53
11/30/2009	6028	1.06	174.64	5992.71	12.70
12/1/2009	6060	0.09	81.43	6024.71	12.76
12/1/2009	6123	0.44	71.38	6087.71	13.04
12/1/2009	6187	0.53	74.95	6151.71	13.55
12/1/2009	6286	0.97	106.72	0.00	0.00
12/2/2009	6478	1.67	88.09	0.00	0.00
12/2/2009	6782	2.20	94.06	0.00	0.00
12/6/2009	6292	3.43	87.42	6256.67	34.01
12/6/2009	6319	7.12	88.66	6283.55	0.00
12/6/2009	6351	10.46	90.77	6315.17	0.00
12/6/2009	6414	17.06	92.37	6376.31	0.00
12/6/2009	6446	19.96	91.04	6406.65	0.00
12/6/2009	6478	22.86	91.22	6436.44	0.00
12/6/2009	6510	26.03	92.10	6528.52	0.00
12/7/2009	6607	37.11	93.57	6548.03	0.00
12/7/2009	6639	40.63	93.42	6572.94	0.00
12/7/2009	6670	44.32	93.35	6595.81	0.00
12/7/2009	6701	47.92	93.03	6617.29	0.00
12/8/2009	6765	55.84	92.63	6656.84	0.00
12/8/2009	6797	59.27	91.84	6674.01	0.00
12/8/2009	6828	63.05	91.61	6688.96	0.00
12/8/2009	6860	67.09	91.45	6702.45	0.00
12/8/2009	6892	72.11	92.06	6713.59	0.00
12/8/2009	6924	76.59	90.79	6722.23	0.00
12/9/2009	6997	88.37	89.24	6731.92	0.00
12/9/2009	7029	92.24	88.63	6731.75	0.00
12/9/2009	7061	92.59	88.61	6730.41	0.00
12/9/2009	7093	92.33	88.76	6728.99	0.00
12/10/2009	7124	91.54	88.66	6727.98	0.00
12/10/2009	7156	91.28	88.95	6727.19	0.00
12/10/2009	7188	90.22	89.34	6726.77	0.00
12/10/2009	7251	88.64	89.74	6727.40	0.00
12/10/2009	7346	89.34	90.35	6729.07	0.00
12/11/2009	7536	87.93	90.17	6732.88	0.00
12/11/2009	7632	87.14	88.90	6737.01	0.00
12/12/2009	7727	87.05	87.98	6741.82	0.00
12/12/2009	7822	89.25	88.43	6744.89	0.00
12/12/2009	7917	88.72	88.24	6746.61	1390.13
12/12/2009	8012	89.16	88.91	6748.37	1484.72
12/12/2009	8107	88.81	90.00	6750.07	1580.42
12/12/2009	8203	87.32	89.95	6753.27	1675.15

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#	Date	Depth	Deviation	Direction	TVD	Horiz Disp
	12/13/2009	8300	87.05	89.86	6757.94	1769.81
	12/14/2009	8585	89.43	91.75	6762.32	2054.40
	12/14/2009	8681	87.85	92.34	6764.60	2150.32
	12/14/2009	8775	86.97	93.17	6768.84	2244.20
	12/14/2009	8838	87.67	93.75	6772.40	2307.12
	12/14/2009	8902	86.79	91.59	6775.50	2371.03
	12/14/2009	8933	87.05	90.59	6777.16	2401.95
	12/14/2009	9029	89.08	90.08	6780.40	2497.71
	12/15/2009	9124	88.99	89.28	6782.00	2592.45
	12/15/2009	9219	88.64	89.27	6783.97	0.00
	12/15/2009	9282	86.97	88.30	6786.38	2749.83
	12/15/2009	9410	87.23	88.66	6793.10	0.00
	12/15/2009	9473	87.93	88.35	6795.76	2939.77
	12/15/2009	9537	88.90	88.31	6797.53	3003.45
	12/16/2009	9600	88.29	88.37	6799.08	3066.14
	12/16/2009	9664	86.09	88.47	6802.21	3129.78
	12/16/2009	9727	85.82	88.78	6806.06	0.00
	12/16/2009	9822	86.97	89.02	6812.63	0.00
	12/16/2009	9918	88.11	89.25	6816.75	0.00
	12/16/2009	9981	88.02	89.04	6818.88	3445.16
	12/17/2009	10044	87.14	88.52	6821.54	3507.86
	12/17/2009	10108	86.00	88.17	6825.37	3571.45
	12/17/2009	10171	86.26	88.60	6829.62	0.00
	12/19/2009	10267	86.35	90.19	6835.81	3729.54
	12/19/2009	10362	88.81	89.33	6839.82	3824.20
	12/19/2009	10457	90.40	89.50	6840.47	0.00
	12/19/2009	10521	91.63	90.02	6839.32	0.00
	12/19/2009	10584	90.57	90.05	6838.13	0.00
	12/19/2009	10648	89.43	89.86	6838.13	4109.45
	12/19/2009	10743	86.79	89.83	6841.26	4204.16
	12/20/2009	10838	88.29	89.58	6845.34	4298.82
	12/20/2009	10933	88.11	89.14	6848.32	4393.48
	12/20/2009	11028	89.34	89.10	6850.44	0.00
	12/20/2009	11050	89.60	89.07	6850.64	0.00
	11/28/2010	4854	11.17	174.67	4836.92	6.52
	11/30/2010	5742	7.39	179.43	5707.93	10.05
	12/2/2010	6635	1.23	103.20	0.00	0.00
	12/6/2010	6383	13.98	92.10	6346.44	0.00
	12/7/2010	6541	29.63	92.03	6492.97	105.92
	12/7/2010	6573	33.33	92.58	6520.26	122.63
	12/7/2010	6733	51.70	92.72	0.00	0.00
	12/9/2010	6955	81.34	88.63	0.00	0.00
	12/10/2010	7442	88.72	90.17	6730.13	0.00
	12/13/2010	8395	89.69	91.28	6760.64	1864.61
	12/13/2010	8490	89.43	90.84	6761.37	1959.49
	12/15/2010	9346	86.88	88.48	6789.81	2798.38

EOF