



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

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JAN 26 2011

HOBBSOCD

SUR @ H-27-15s-30e, 1830/N & 460/E
BHL @ D-27-15s-30e, 952/N & 4383/E
API # 30-005-29143

December 1, 2010

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

RE: Mickey Federal Com #1
965' FNL & 330' FEL
Sec. 27, T15S, R30E
Chaves County, New Mexico

Dear Sir,

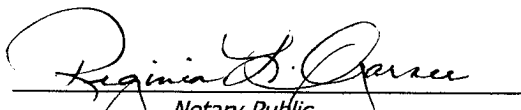
The attached is the Deviation Survey for the above captioned well.

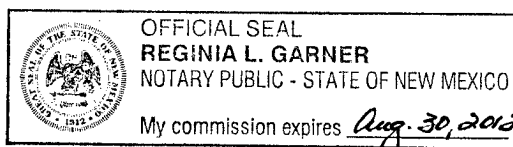
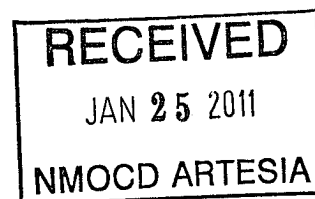
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 1st day of December, 2010.


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey
Well Dossier 1286127633 - MICKEY FEDERAL COM #1

# Date	Depth	Deviation	Direction	TVD
10/4/2010	192	0.30	94.20	0.00
10/4/2010	377	0.10	92.00	0.00
10/4/2010	521	0.40	136.00	0.00
10/6/2010	942	0.70	88.30	984.00
10/6/2010	1569	2.70	78.50	1637.00
10/6/2010	1631	2.60	70.00	1699.00
10/6/2010	1631	2.60	70.00	1699.00
10/6/2010	1746	2.50	70.70	1791.00
10/6/2010	1746	2.50	70.70	1791.00
10/6/2010	1838	2.00	70.40	1883.00
10/7/2010	1931	1.30	64.80	1976.00
10/7/2010	2027	0.90	72.80	2069.00
10/7/2010	2208	4.60	71.20	2253.00
10/7/2010	2302	0.40	55.00	2347.00
10/7/2010	2395	0.50	21.20	0.00
10/7/2010	2488	0.40	39.20	2533.00
10/8/2010	2753	0.10	0.00	2803.00
10/8/2010	3128	0.20	0.00	3207.00
10/9/2010	3533	0.10	0.00	3612.00
10/10/2010	3416	0.26	140.62	3475.43
10/10/2010	3662	0.09	46.52	3661.43
10/10/2010	3817	0.26	320.44	3816.43
10/10/2010	3848	0.70	343.69	3847.42
10/10/2010	3942	3.43	337.65	3941.36
10/10/2010	4035	3.82	339.73	4083.00
10/10/2010	4128	4.92	353.37	4126.93
10/10/2010	4222	4.84	354.28	4220.59
10/10/2010	4284	5.45	353.24	4282.34
10/11/2010	4346	6.24	346.38	4334.00
10/11/2010	4408	7.65	343.40	4405.56
10/11/2010	4533	10.46	346.93	4529.00
10/11/2010	4595	12.05	350.42	4589.42
10/11/2010	4658	13.19	351.76	4651.32
10/11/2010	4720	14.51	351.16	4711.52
10/11/2010	4782	15.65	348.61	0.00
10/12/2010	4848	16.71	347.14	4834.77
10/12/2010	5032	16.36	350.19	5011.01
10/12/2010	5125	15.48	356.19	5100.44
10/12/2010	5218	15.22	356.36	5190.13
10/13/2010	5312	14.95	0.17	5280.00
10/13/2010	5498	14.86	1.03	5460.76
10/13/2010	5592	16.09	0.66	5551.35
10/14/2010	5747	17.76	0.34	5699.00
10/15/2010	5933	18.55	1.05	5876.43
10/15/2010	6027	17.41	358.42	5965.83
10/15/2010	6120	16.44	355.61	6054.85
10/16/2010	6307	15.21	355.85	6234.00
10/16/2010	6494	16.04	355.71	6414.98
10/16/2010	6587	17.24	358.78	6504.07
10/16/2010	6680	17.41	357.92	6392.85

#	Date	Depth	Deviation	Direction	TVD
10/17/2010	6867	17.76	0.76	6771.00	
10/17/2010	7054	17.54	1.91	6949.33	
10/17/2010	7116	16.18	1.70	7008.68	
10/17/2010	7179	15.21	0.24	7069.34	
10/17/2010	7210	15.04	359.89	7099.26	
10/17/2010	7241	13.98	359.75	7129.27	
10/17/2010	7272	13.01	0.15	7159.42	
10/18/2010	7236	22.00	359.87	7236.00	
10/18/2010	7366	10.64	359.32	7251.45	
10/18/2010	7389	11.34	0.00	359.33	
10/18/2010	7397	10.11	358.38	7281.30	
10/18/2010	7428	9.41	357.09	7312.47	
10/18/2010	7459	8.91	357.21	7343.07	
10/18/2010	7521	7.47	3.87	7404.42	
10/18/2010	7553	6.60	2.57	7436.18	
10/19/2010	7584	5.98	2.16	7466.00	
10/19/2010	7615	5.01	3.70	7497.00	
10/19/2010	7646	4.40	359.49	7528.24	
10/19/2010	7677	3.43	356.48	7559.67	
10/19/2010	7708	2.64	356.70	7590.63	
10/19/2010	7770	1.76	4.94	7652.58	
10/20/2010	7864	0.70	350.49	7746.00	
10/20/2010	7957	0.70	341.82	7839.55	
10/21/2010	8019	0.18	16.10	7901.55	
10/21/2010	8112	0.18	280.45	7994.55	
10/21/2010	8205	0.26	311.45	8087.87	
10/21/2010	8299	1.06	180.88	8181.54	
10/21/2010	8392	1.14	191.18	8274.53	
10/22/2010	8436	1.32	193.12	8315.00	
10/22/2010	8579	1.94	194.79	8461.00	
10/23/2010	8765	1.94	176.58	8647.44	
10/23/2010	8859	1.23	182.09	8741.42	
10/23/2010	8952	1.23	191.20	8834.40	
10/24/2010	9045	1.32	187.03	8927.38	
10/24/2010	9135	1.32	193.34	9021.35	
10/24/2010	9232	1.32	200.22	9114.33	
10/25/2010	9357	1.41	198.52	9239.29	
10/28/2010	8672	1.14	172.46	8554.46	
11/2/2010	8836	1.76	202.35	8718.42	
11/2/2010	8867	4.13	218.64	8749.37	
11/2/2010	8898	7.65	232.36	8780.21	
11/2/2010	8929	11.52	243.26	8810.77	
11/2/2010	8960	15.30	246.42	8840.92	
11/3/2010	8991	19.43	249.75	8070.30	
11/3/2010	9022	22.77	250.59	8899.12	
11/3/2010	9085	29.99	257.72	8955.77	
11/3/2010	9116	34.47	260.98	8982.12	
11/3/2010	9147	38.95	262.77	9006.97	
11/3/2010	9172	41.77	263.86	9026.02	
11/7/2010	9194	43.26	283.63	9042.00	
11/7/2010	9225	45.73	225.97	9064.00	
11/7/2010	9257	48.28	273.70	9086.00	
11/7/2010	9321	57.77	271.94	9123.84	
11/7/2010	9353	62.52	271.85	9139.78	

#	Date	Depth	Deviation	Direction	TVD
	11/7/2010	9385	67.09	272.11	9153.39
	11/7/2010	9416	69.12	272.11	9164.95
	11/7/2010	9448	71.67	272.82	9175.69
	11/7/2010	9480	76.15	272.82	9184.56
	11/7/2010	9512	81.16	273.61	9190.85
	11/8/2010	9544	85.91	274.49	9194.45
	11/8/2010	9576	90.13	274.40	9195.56
	11/8/2010	9608	90.66	274.57	0.00
	11/8/2010	9639	90.75	274.86	9194.96
	11/8/2010	9671	91.71	274.84	9194.27
	11/8/2010	9703	92.33	274.29	0.00
	11/8/2010	9734	93.30	274.96	9191.62
	11/8/2010	9766	91.89	273.27	9140.17
	11/8/2010	9798	88.99	271.41	9189.00
	11/8/2010	9830	89.43	272.24	9090.34
	11/10/2010	9904	93.08	272.41	9188.74
	11/10/2010	9936	93.47	272.51	9186.92
	11/10/2010	9999	91.40	270.92	9184.40
	11/10/2010	10031	90.90	269.75	9183.76
	11/11/2010	10062	90.17	269.18	9183.47
	11/11/2010	10094	89.44	267.95	9183.57
	11/11/2010	10126	88.99	267.40	9183.57
	11/11/2010	10190	89.55	266.85	9184.64
	11/11/2010	10222	84.50	267.01	9184.90
	11/11/2010	10254	90.57	267.60	9184.86
	11/11/2010	10286	91.01	267.64	9184.31
	11/15/2010	10330	92.42	268.46	0.00
	11/15/2010	10338	93.21	270.84	9179.89
	11/16/2010	10462	88.71	269.95	9178.65
	11/16/2010	10493	84.73	269.55	9180.42
	11/16/2010	10525	85.07	269.58	9183.24
	11/16/2010	10557	86.42	269.32	9185.64
	11/16/2010	10589	88.38	270.15	9187.09
	11/16/2010	10620	90.00	269.89	9187.53
	11/17/2010	10652	91.85	270.43	9182.01
	11/17/2010	10684	91.90	270.76	9185.97
	11/17/2010	10716	91.29	271.07	9185.08
	11/17/2010	10779	91.29	270.36	9183.94
	11/17/2010	10811	91.90	270.05	9183.05
	11/17/2010	10843	93.47	270.05	9181.55
	11/17/2010	10875	93.64	270.13	9179.56
	11/17/2010	10907	93.87	270.64	9177.47
	11/17/2010	10938	93.87	270.17	9175.38
	11/17/2010	10970	94.03	269.88	9173.13
	11/17/2010	11002	93.59	269.90	9171.05
	11/17/2010	11034	93.31	270.22	9169.12
	11/17/2010	11066	93.08	270.53	9167.34
	11/18/2010	11098	93.14	269.67	9165.60
	11/18/2010	11130	92.80	269.43	9163.94
	11/18/2010	11162	92.45	269.10	9162.47
	11/18/2010	11193	92.46	269.64	9161.14
	11/18/2010	11225	92.41	269.56	9159.78
	11/18/2010	11257	92.80	268.84	9158.33
	11/18/2010	11289	92.80	268.72	9156.77

#	Date	Depth	Deviation	Direction	TVD
	11/18/2010	11321	93.36	269.01	9155.05
	11/18/2010	11353	93.42	268.67	9153.15
	11/18/2010	11384	93.36	269.37	9151.32
	11/18/2010	11416	92.24	269.97	9149.76
	11/18/2010	11448	91.96	270.26	9148.58
	11/19/2010	11512	93.30	270.33	9145.77
	11/19/2010	11544	94.76	270.24	9143.52
	11/19/2010	11575	95.38	270.54	9140.78
	11/19/2010	11639	94.76	270.95	9135.11
	11/21/2010	11676	94.43	269.91	9132.15
	11/21/2010	11708	94.43	269.10	9129.53
	11/22/2010	11722	96.62	269.22	9123.31
	11/22/2010	11740	95.38	268.91	9126.66
	11/23/2010	11804	97.29	270.16	9119.44
	11/23/2010	11836	97.86	270.16	9115.22
	11/23/2010	11868	97.75	270.32	9110.88
	11/23/2010	11900	97.34	270.27	9106.67
	11/23/2010	11931	97.46	269.90	9102.68
	11/23/2010	11963	97.92	270.51	9098.40
	11/23/2010	12027	97.97	270.33	9089.35
	11/23/2010	12059	97.69	270.55	9084.99
	11/23/2010	12091	97.86	270.71	9086.66
	11/24/2010	12179	98.31	270.23	9076.10
	11/24/2010	12155	97.24	270.09	9071.83
	11/24/2010	12187	95.94	269.43	9068.16
	11/24/2010	12219	94.43	269.41	9065.27
	11/24/2010	12250	93.02	268.78	0.00
	11/24/2010	12282	91.90	268.92	9061.88
	11/24/2010	12314	90.39	269.11	9061.24
	11/24/2010	12402	89.16	269.48	9061.37
	11/24/2010	12378	89.10	269.64	9061.85
	11/25/2010	12410	89.72	270.02	9062.18
	11/25/2010	12442	90.78	270.17	9062.04
	11/25/2010	12474	91.12	270.66	9061.51
	11/25/2010	12506	91.51	270.65	9064.78
	11/25/2010	12538	91.57	271.00	9059.92
	11/25/2010	12569	91.62	271.32	9459.06
	11/25/2010	12604	91.22	271.16	9058.54
	11/25/2010	12663	90.39	271.68	9058.37
	11/25/2010	12665	90.95	271.53	9058.00
	11/25/2010	12697	91.06	270.91	9057.44
	11/26/2010	12738	91.06	270.79	9056.86
	11/26/2010	12760	89.94	270.55	9056.58
	11/26/2010	12791	90.17	270.46	9056.55
	11/26/2010	12823	90.56	270.23	9056.35
	11/26/2010	12855	90.89	270.61	0.00
	11/26/2010	12887	91.46	270.80	9055.40
	11/26/2010	12919	90.62	269.49	9054.94
	11/26/2010	12951	90.79	270.63	9054.54
	11/26/2010	12975	90.34	271.30	9054.30

EOF