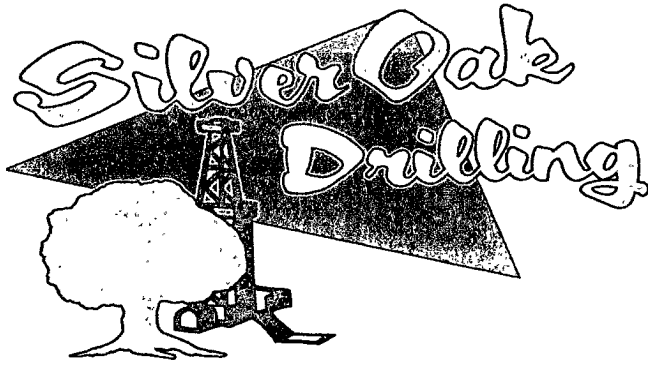




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

HOBBS OCD

JUN 16 2011

RECEIVED

March 21, 2011

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

RE: Hawkeye State Com #1
330' FSL & 455' FEL
Sec. 6, T16S, R32E
Lea County, New Mexico

Dear Sir,

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

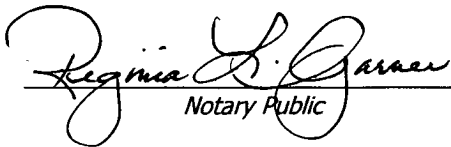
SUR: P-6-16S-32E, 330/S & 455/E
BHL: A-6-16S-32/E, 6890/S & 391/E
API # 30-025-39925

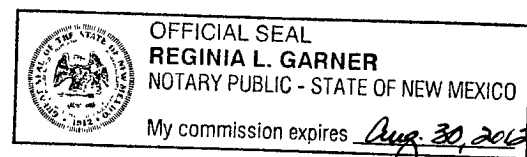
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 21st day of March, 2011.


Regina L. Garner
Notary Public



Pason DataHub Deviation Survey
 # Well Dossier 1294697935 - HAWKEYE STATE COM #1
 #

# Date	Depth	Deviation	Direction	TVD
1/11/2011	196	0.30	143.60	256.00
1/12/2011	558	0.30	0.00	618.00
1/12/2011	764	0.40	0.00	824.00
1/13/2011	1197	0.10	0.00	0.00
1/13/2011	1396	0.10	0.00	0.00
1/15/2011	202	0.20	358.40	0.00
1/15/2011	382	0.30	83.00	0.00
1/15/2011	560	0.00	13.60	0.00
1/15/2011	745	0.10	205.70	0.00
1/15/2011	1004	0.40	9.20	0.00
1/15/2011	1190	0.20	174.80	0.00
1/15/2011	1332	0.40	343.50	0.00
1/15/2011	1514	0.20	241.80	0.00
1/16/2011	1669	0.20	116.80	0.00
1/16/2011	1919	0.10	302.70	0.00
1/16/2011	2106	0.70	216.50	2166.00
1/16/2011	2292	0.60	113.10	2352.00
1/16/2011	2539	0.60	93.00	2479.00
1/17/2011	2663	0.20	96.30	2726.00
1/17/2011	2850	0.10	64.20	2912.00
1/17/2011	3071	0.30	110.50	3131.00
1/17/2011	3287	0.10	133.40	3347.00
1/17/2011	3412	0.10	105.10	3472.00
1/17/2011	3599	0.60	32.70	3659.00
1/18/2011	3879	0.30	0.00	3939.00
1/18/2011	4283	1.10	286.70	4343.00
1/18/2011	4470	0.70	275.30	4530.00
1/18/2011	4656	0.60	303.80	4716.00
1/19/2011	4873	0.70	316.50	4934.00
1/19/2011	5060	0.70	327.00	5121.00
1/19/2011	5248	0.30	22.30	5308.00
1/19/2011	5435	0.10	269.80	5495.00
1/22/2011	5854	0.53	26.64	5853.83
1/22/2011	5947	0.35	151.63	5946.83
1/22/2011	6041	0.44	191.67	6040.83
1/22/2011	6134	1.06	177.97	6133.82
1/23/2011	6228	1.06	190.94	6227.80
1/23/2011	6321	1.06	196.45	6320.78
1/23/2011	6414	0.97	207.87	6413.72
1/23/2011	6507	1.03	208.53	6506.36
1/24/2011	6600	0.53	161.04	6599.75
1/24/2011	6693	1.23	124.98	6692.74
1/25/2011	6787	1.49	116.55	6786.71
1/25/2011	6880	1.39	119.07	6879.68
1/25/2011	6973	1.14	115.03	6972.65
1/25/2011	7067	1.06	121.16	7066.64
1/25/2011	7191	1.14	116.73	7190.61
1/25/2011	7284	0.88	111.67	7283.60
1/26/2011	7378	0.97	116.55	7377.59

#	Date	Depth	Deviation	Direction	TVD
1/26/2011		7378	0.97	116.55	7377.59
1/26/2011		7471	0.79	104.84	7470.58
1/27/2011		7658	0.62	62.34	7657.57
1/27/2011		7752	0.62	56.74	7751.56
1/28/2011		7845	0.70	37.52	7844.56
1/28/2011		7938	0.62	27.63	7937.55
1/28/2011		8032	0.62	36.14	8031.55
1/29/2011		8125	0.62	31.22	8124.54
1/29/2011		8187	0.88	347.77	8186.58
1/29/2011		8280	0.88	348.19	8279.52
1/29/2011		8374	0.97	356.50	8373.51
1/30/2011		8467	0.97	2.50	8466.50
1/30/2011		8561	0.88	3.53	8560.49
1/30/2011		8654	1.06	12.78	8653.47
1/30/2011		8748	0.88	18.89	8747.46
1/30/2011		8841	0.88	16.12	8840.45
1/31/2011		8934	0.88	24.41	8933.44
2/1/2011		9106	0.90	7.50	9167.00
2/2/2011		9289	0.70	359.40	9354.00
2/4/2011		9504	1.10	13.40	9568.00
2/5/2011		9690	1.50	20.10	9755.00
2/5/2011		9784	1.30	19.00	9849.00
2/8/2011		10001	1.80	19.10	10066.00
2/13/2011		8391	3.52	3.98	8390.50
2/13/2011		8422	7.47	4.51	8421.35
2/13/2011		8453	10.46	4.89	8451.96
2/13/2011		8484	11.61	4.75	8482.39
2/14/2011		8515	14.33	5.17	8512.60
2/14/2011		8547	16.71	5.17	8543.43
2/14/2011		8578	18.55	6.07	8572.97
2/14/2011		8609	21.28	5.74	8602.12
2/15/2011		8671	26.47	2.31	8658.82
2/15/2011		8702	28.84	1.42	8686.28
2/16/2011		8734	31.48	359.37	8713.95
2/16/2011		8765	35.35	357.82	8739.82
2/16/2011		8796	39.31	357.41	8764.46
2/20/2011		8889	48.28	357.39	8832.31
2/21/2011		8911	51.62	358.06	8846.47
2/21/2011		8943	52.32	359.22	8866.18
2/21/2011		8975	53.46	359.86	8885.49
2/21/2011		9006	56.72	0.87	8903.23
2/21/2011		9038	61.20	1.42	8919.72
2/21/2011		9070	64.81	1.23	8934.25
2/21/2011		9101	67.44	0.73	8946.80
2/21/2011		9133	70.35	359.50	8958.27
2/22/2011		9165	72.11	358.55	8968.56
2/22/2011		9196	74.04	358.15	8977.59
2/22/2011		9228	76.94	357.80	8985.60
2/22/2011		9259	79.58	358.09	8991.91
2/22/2011		9291	81.07	357.11	8997.29
2/22/2011		9323	84.15	358.09	9001.41
2/22/2011		9354	87.23	359.67	9003.73
2/22/2011		9386	89.08	0.67	9004.81

# Date	Depth	Deviation	Direction	TVD
2/23/2011	9405	89.16	0 49	9005.06
2/24/2011	9437	90.00	0.82	9005.29
2/24/2011	9468	90.34	0.91	9005.20
2/24/2011	9499	90.22	0.99	9005.10
2/24/2011	9531	90.06	0.82	9004.97
2/25/2011	9563	90.50	0.93	9004.81
2/25/2011	9594	90.67	0 95	9004.50
2/25/2011	9626	90.50	1.23	9004.17
2/25/2011	9689	90.22	1.41	9003.81
2/25/2011	9721	90.17	1.38	9003.70
2/25/2011	9752	90.95	0.81	9003.39
2/25/2011	9784	91.17	0.66	9002.80
2/25/2011	9816	90.95	0.61	9002.21
2/25/2011	9816	91.12	0.50	9000.68
2/25/2011	9847	90.73	0 51	9001.76
2/25/2011	9910	90.39	0.51	9001.11
2/25/2011	9942	91.12	0.50	9000.68
2/26/2011	9973	91.12	0.48	9000.08
2/26/2011	10005	90.28	0.12	8999.69
2/26/2011	10037	89.89	0.31	8999.64
2/26/2011	10068	90.67	0.39	8999.49
2/26/2011	10100	90.34	0.40	8999.21
2/26/2011	10132	89.83	0.59	8999.16
2/26/2011	10163	90 56	0 58	8999.06
2/26/2011	10195	90.32	0.34	8998.81
2/26/2011	10227	90.95	0.59	8998.44
2/26/2011	10258	91.40	0.68	8997.81
2/26/2011	10290	91.40	0.71	8997.02
2/27/2011	10322	91.46	0.89	8996.23
2/27/2011	10353	91.62	0.90	8995.39
2/27/2011	10385	91.79	1.21	8994.44
2/27/2011	10417	91 18	1.18	8993.61
2/27/2011	10448	91.06	1 28	8993.01
2/27/2011	10480	91.18	1.44	8992.38
2/27/2011	10543	89.94	1.02	8991.92
2/27/2011	10571	90 28	1.26	8991.99
2/27/2011	10575	89.94	1.01	8991.96
2/27/2011	10606	90.73	0.72	8991.78
2/27/2011	10638	91.01	0.69	8991.29
2/28/2011	10670	91.12	0.86	8990.70
2/28/2011	10701	91.12	0.97	8990.09
2/28/2011	10733	91.18	0 84	8989.45
2/28/2011	10764	90.84	0.54	8988.90
2/28/2011	10796	90 90	0.87	8988.41
2/28/2011	10828	90.39	1.84	8988.06
2/28/2011	10859	90.06	2.03	8987.93
2/28/2011	10891	89.83	1.63	8987.96
2/28/2011	10923	89.89	1.24	8988.04
2/28/2011	10954	90.17	1.39	8988.03
2/28/2011	10986	90.50	1.36	8987.84
3/1/2011	11018	90.90	1.44	8987.45
3/1/2011	11049	90.50	1.12	8987.07
3/1/2011	11081	90.28	0.78	8986.85

#	Date	Depth	Deviation	Direction	TVD
3/2/2011	11112	90.00	0.06		8986.78
3/2/2011	11175	89.78	359.50		8987.05
3/2/2011	11207	89.78	359.46		8987.17
3/2/2011	11238	89.61	359.36		8987.34
3/2/2011	11270	89.61	359.52		8987.56
3/2/2011	11301	90.22	359.48		8987.60
3/2/2011	11333	90.56	359.32		8987.39
3/2/2011	11365	90.67	359.35		8987.04
3/2/2011	11396	90.67	359.19		8986.68
3/2/2011	11428	91.01	358.99		8986.21
3/2/2011	11460	90.06	358.90		8985.91
3/2/2011	11491	90.11	358.60		8985.87
3/3/2011	11554	90.22	358.27		8985.65
3/3/2011	11586	90.22	358.21		8985.53
3/3/2011	11617	90.34	357.91		8985.38
3/3/2011	11649	90.57	357.83		8985.10
3/3/2011	11681	91.74	358.45		8984.42
3/3/2011	11712	92.35	358.41		8988.32
3/3/2011	11744	92.63	357.97		8981.93
3/3/2011	11775	92.91	357.82		8980.43
3/3/2011	11807	91.92	358.18		8978.08
3/3/2011	11870	91.51	358.12		8977.46
3/3/2011	11902	90.34	358.49		8976.94
3/3/2011	11933	89.83	358.81		8976.90
3/3/2011	11965	90.00	358.64		8976.95
3/3/2011	11997	90.06	358.47		8976.95
3/3/2011	12028	89.61	359.34		8978.00
3/3/2011	12060	89.61	359.85		8977.24
3/3/2011	12092	89.83	359.68		8977.39
3/3/2011	12123	90.06	359.51		8977.42
3/4/2011	12155	90.11	359.33		8977.37
3/4/2011	12187	90.06	359.35		8977.33
3/4/2011	12218	90.17	359.06		8977.27
3/4/2011	12280	90.50	359.71		8977.08
3/4/2011	12281	90.67	359.83		8976.76
3/4/2011	12313	90.73	359.83		8976.54
3/4/2011	12345	90.84	359.35		8976.10
3/4/2011	12408	91.74	359.39		8974.68
3/4/2011	12440	90.95	0.17		8973.93
3/4/2011	12471	90.62	0.92		8973.50
3/4/2011	12534	90.84	0.29		8972.70
3/4/2011	12566	90.06	1.14		8972.45
3/4/2011	12598	89.94	1.69		8972.45
3/4/2011	12629	90.28	1.59		8972.39
3/4/2011	12661	90.28	1.51		8972.23
3/4/2011	12692	90.28	1.37		8972.45
3/5/2011	12724	90.22	1.23		8971.94
3/5/2011	12756	90.17	1.07		8971.83
3/5/2011	12788	90.17	0.83		8971.74
3/5/2011	12819	90.90	1.30		8971.45
3/5/2011	12851	91.12	1.71		8970.88
3/5/2011	12914	91.34	1.34		8969.56
3/5/2011	12977	92.07	0.80		8967.67

#	Date	Depth	Deviation	Direction	TVD
	3/5/2011	13009	90.95	1.29	8966.63
	3/5/2011	13041	90.34	1.49	8966.47
	3/5/2011	13072	90.56	1.20	8966.23
	3/5/2011	13104	90.95	1.12	8965.80
	3/5/2011	13136	90.06	1.40	8965.52
	3/5/2011	13167	89.83	1.66	8965.55
	3/5/2011	13199	90.22	1.31	8965.54
	3/5/2011	13230	90.50	1.25	8965.34
	3/5/2011	13262	89.94	1.36	8965.22
	3/5/2011	13294	89.72	1.49	8965.32
	3/6/2011	13325	89.94	1.22	8965.41
	3/6/2011	13357	90.06	1.11	8965.41
	3/6/2011	13388	90.11	1.15	8965.36
	3/6/2011	13420	90.34	1.02	8965.24
	3/6/2011	13452	90.50	1.00	8965.00
	3/6/2011	13483	90.39	0.78	8964.76
	3/6/2011	13515	90.50	0.63	8964.51
	3/6/2011	13547	90.78	0.41	8964.15
	3/6/2011	13578	91.90	1.32	8963.43
	3/6/2011	13610	91.68	1.48	8962.43
	3/6/2011	13642	91.85	1.64	8961.44
	3/6/2011	13673	92.07	1.33	8960.38
	3/6/2011	13705	91.96	1.30	8959.26
	3/6/2011	13737	92.01	1.13	8958.15
	3/6/2011	13768	91.90	0.90	8957.09
	3/6/2011	13800	91.85	0.84	8956.05
	3/6/2011	13821	92.01	0.68	8954.97
	3/7/2011	13863	92.52	0.57	8953.74
	3/7/2011	13895	92.86	0.17	8952.24
	3/7/2011	13927	93.31	0.09	8950.52
	3/7/2011	13958	92.57	0.48	8948.93
	3/7/2011	13990	92.18	1.31	8947.60
	3/7/2011	14053	92.74	1.08	8944.77
	3/8/2011	14086	93.02	0.75	8943.11
	3/8/2011	14118	91.90	1.02	8941.74
	3/8/2011	14150	91.68	1.47	8940.74
	3/8/2011	14181	92.30	1.68	8939.66
	3/8/2011	14213	92.91	1.82	8938.21
	3/8/2011	14244	93.08	2.06	8936.59
	3/8/2011	14276	92.61	2.01	8934.92
	3/8/2011	14308	93.30	2.08	8933.18
	3/9/2011	14339	93.70	2.42	8931.29
	3/9/2011	14371	93.14	2.18	8929.38
	3/9/2011	14403	93.25	1.92	8927.60
	3/9/2011	14434	93.30	2.05	8925.83
	3/9/2011	14466	93.08	2.23	8924.05
	3/9/2011	14498	92.69	2.48	8920.18
	3/11/2011	14524	92.97	2.80	8921.15
	3/11/2011	14556	92.80	2.90	8919.54
	3/12/2011	14588	92.69	2.98	8918.00
	3/12/2011	14619	93.19	3.08	8916.42
	3/13/2011	14650	91.23	2.71	8915.22
	3/13/2011	14682	89.33	2.39	8915.07

#	Date	Depth	Deviation	Direction	TVD
	3/13/2011	14714	89.22	2.33	8915.47
	3/13/2011	14745	90.00	1.92	8915.68
	3/13/2011	14777	90.50	1.15	8915.54
	3/13/2011	14808	90.92	1.25	8915.17
	3/14/2011	14840	91.29	1.32	8914.55
	3/14/2011	14871	91.29	359.94	8913.86
	3/14/2011	14903	91.40	359.43	8913.10
	3/14/2011	14935	91.62	359.60	8912.26
	3/14/2011	14966	91.83	359.51	8911.32
	3/14/2011	14998	92.18	0.09	8910.19
	3/14/2011	15030	92.63	0.03	8908.05
	3/14/2011	15061	92.24	359.52	8907.54
	3/14/2011	15125	92.29	358.62	8905.24
	3/14/2011	15156	91.46	358.67	8904.23
	3/14/2011	15188	91.06	358.98	8903.52
	3/14/2011	15220	91.59	359.10	8902.79
#	EOF				