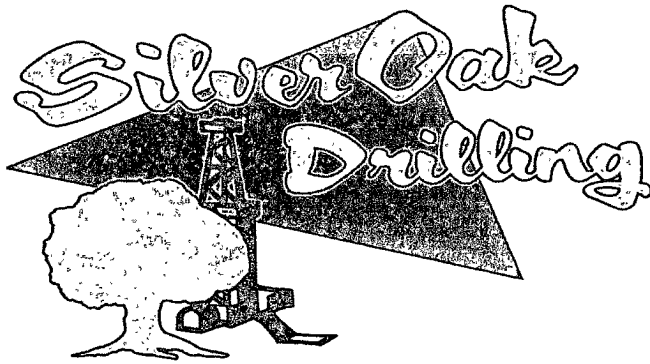




PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

SUR: H - 36-16s-27e, 1675/N & 330/E
BHL: E-36-16s-27e, 1503/N & 335/W
API # 30-015-37972

April 29, 2011

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

RE: Jack Frost State Com #1
1675' FNL & 330' FEL
Sec. 36, T16S, R27E
Eddy County, New Mexico

Dear Sir,

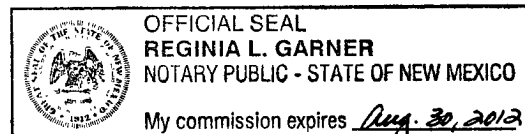
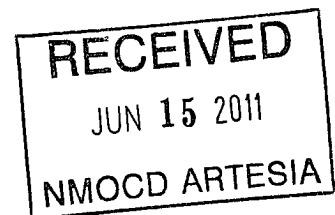
The attached is the Deviation Survey for the above captioned well.

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 April, 2011.

Notary Public

Pason DataHub Deviation Survey
 # Well Dossier 1300643248 - Jack Frost St Com #1
 #

# Date	Depth	Deviation	Direction	TVD
3/23/2011	207	0.50	0.00	0.00
3/24/2011	354	0.50	0.00	404.00
3/25/2011	434	0.00	9.20	483.23
3/25/2011	670	2.20	268.80	719.00
3/25/2011	854	2.60	271.50	903.00
3/26/2011	1101	2.50	279.10	1150.00
3/26/2011	1440	2.90	0.00	0.00
3/27/2011	1163	2.40	284.00	1212.00
3/27/2011	1348	3.40	279.00	1397.00
3/27/2011	1435	2.70	288.00	1487.00
3/27/2011	1687	4.40	300.00	1700.00
3/28/2011	1760	2.99	304.68	1758.38
3/28/2011	1853	0.79	316.13	1851.30
3/28/2011	1945	0.53	123.65	1943.31
3/28/2011	2037	1.06	125.76	2035.30
3/28/2011	2222	1.67	99.00	2220.26
3/29/2011	2409	1.58	105.23	2407.19
3/29/2011	2596	1.76	108.60	2594.11
3/29/2011	2783	2.02	120.50	2781.01
3/29/2011	2970	1.93	93.69	2967.90
3/30/2011	3157	1.58	93.39	3154.81
3/30/2011	3343	1.58	104.54	3340.74
3/30/2011	3530	1.67	103.60	3527.67
3/30/2011	3685	1.49	105.53	3682.61
3/31/2011	3903	1.32	100.20	3900.54
3/31/2011	4089	1.41	109.87	4086.49
3/31/2011	4276	1.23	113.58	4273.44
3/31/2011	4462	0.88	71.75	4960.41
4/1/2011	4649	0.62	71.15	4646.39
4/1/2011	4836	0.62	71.59	4833.38
4/1/2011	5023	0.53	71.39	5020.37
4/1/2011	5208	0.44	65.66	0.00
4/2/2011	5395	0.26	51.33	5392.37
4/2/2011	5582	0.53	68.17	5579.36
4/5/2011	5716	0.88	245.29	5713.35
4/5/2011	5747	0.70	242.92	5744.35
4/5/2011	5778	1.06	254.52	5775.35
4/5/2011	5841	7.39	261.17	5838.17
4/5/2011	5872	11.70	261.32	5868.73
4/5/2011	5903	14.68	261.60	5898.91
4/5/2011	5938	16.80	263.81	5928.75
4/6/2011	5965	18.38	265.22	5958.25
4/7/2011	5997	21.28	266.03	5988.39
4/7/2011	6029	24.53	266.47	6017.87
4/7/2011	6060	28.23	268.27	6045.63
4/7/2011	6091	31.48	270.53	6072.52
4/7/2011	6122	33.50	271.64	6098.66
4/7/2011	6153	35.44	272.46	6124.22
4/7/2011	6185	37.90	273.34	6149.81
4/13/2011	6263	45.81	275.80	6207.87

#	Date	Depth	Deviation	Direction	TVD
4/13/2011		6327	53.99	275.36	6249.12
4/13/2011		6358	59.09	273.56	0.00
4/13/2011		6390	63.31	272.66	6281.88
4/13/2011		6453	71.40	268.58	6306.12
4/13/2011		6485	75.53	268.06	6315.23
4/14/2011		6516	77.47	269.14	6322.46
4/14/2011		6548	80.07	270.61	6328.42
4/14/2011		6611	88.20	270.93	6334.45
4/14/2011		6675	91.28	270.69	6335.27
4/15/2011		6723	91.17	269.93	6334.24
4/15/2011		6756	90.50	270.82	6333.45
4/15/2011		6818	90.84	270.98	6333.28
4/15/2011		6849	90.56	271.75	6332.69
4/15/2011		6881	90.56	272.00	6332.58
4/15/2011		6913	89.66	272.05	7332.32
4/15/2011		6944	89.55	272.44	6332.53
4/15/2011		6976	89.55	272.44	6332.53
4/15/2011		7007	89.66	272.62	6332.95
4/16/2011		7039	89.10	272.23	6333.28
4/16/2011		7071	89.55	272.34	6334.10
4/16/2011		7102	89.61	272.15	6333.89
4/16/2011		7134	90.61	272.11	6333.23
4/16/2011		7165	91.57	271.33	6333.23
4/16/2011		7197	91.40	271.16	6332.41
4/16/2011		7261	90.00	271.23	6331.67
4/16/2011		7292	90.28	271.95	6331.59
4/16/2011		7324	90.06	271.80	6331.50
4/16/2011		7355	89.44	272.52	6336.63
4/16/2011		7387	89.05	272.82	6332.05
4/17/2011		7428	88.94	273.22	6332.78
4/17/2011		7460	88.88	272.82	6333.38
4/17/2011		7523	89.16	272.58	6334.84
4/17/2011		7555	90.50	273.73	6334.35
4/17/2011		7587	90.84	273.76	6334.26
4/17/2011		7618	89.83	272.98	6304.08
4/17/2011		7650	89.55	274.17	6334.24
4/17/2011		7681	89.66	274.16	6334.46
4/18/2011		7713	89.78	273.73	6334.62
4/18/2011		7745	89.89	273.93	6334.71
4/18/2011		7776	88.94	273.68	6335.03
4/18/2011		7808	88.71	273.63	6335.69
4/18/2011		7840	90.39	274.13	6335.94
4/18/2011		7871	90.84	273.75	6330.60
4/18/2011		7903	90.28	273.13	6335.30
4/18/2011		7966	91.51	273.45	6334.80
4/18/2011		7998	89.83	272.68	6334.16
4/18/2011		8030	89.38	272.60	6334.38
4/18/2011		8093	91.62	273.73	6333.75
4/18/2011		8124	90.17	273.39	6333.27
4/18/2011		8156	89.61	272.63	6333.33
4/18/2011		8188	88.32	272.21	6335.55
4/18/2011		8219	88.77	272.65	6334.69
4/18/2011		8251	89.44	273.27	6335.19
4/19/2011		8283	89.61	273.32	6335.46

#	Date	Depth	Deviation	Direction	TVD
4/19/2011		8314	89.78	273.89	6335.62
4/19/2011		8346	89.83	273.72	6335.73
4/19/2011		8378	89.89	274.32	6335.81
4/19/2011		8409	89.89	273.84	6335.98
4/19/2011		8441	90.11	273.66	6335.87
4/19/2011		8473	90.34	272.75	6335.74
4/19/2011		8536	90.28	272.86	6335.38
4/19/2011		8599	90.39	272.24	6335.08
4/19/2011		8662	90.84	271.81	6334.07
4/19/2011		8694	90.90	272.11	6933.58
4/19/2011		8725	91.23	271.92	6333.30
4/19/2011		8757	91.73	271.73	6332.32
4/19/2011		8789	91.29	272.33	6331.62
4/20/2011		8852	91.29	271.82	6330.23
4/20/2011		8884	91.34	271.87	6329.50
4/20/2011		8915	91.45	271.88	6328.74
4/20/2011		8947	91.73	272.32	6327.86
4/20/2011		8979	91.90	272.34	6326.84
4/20/2011		9010	92.29	271.87	6325.95
4/20/2011		9042	91.68	270.87	6324.85
4/20/2011		9073	90.90	271.00	6324.15
4/20/2011		9105	90.78	271.56	6323.68
4/20/2011		9168	91.01	271.82	6322.67
4/20/2011		9200	91.06	272.02	6322.09
4/20/2011		9231	91.01	272.33	6321.54
4/20/2011		9263	91.01	272.32	6320.86
4/20/2011		9295	91.06	272.64	6320.39
4/20/2011		9326	90.84	272.38	6319.87
4/20/2011		9358	90.58	272.48	6319.48
4/20/2011		9390	90.34	271.93	6319.32
4/21/2011		9422	90.22	271.33	6319.07
4/21/2011		9453	90.62	271.33	6318.94
4/21/2011		9485	90.67	271.42	6318.49
4/21/2011		9517	90.90	271.49	6318.05
4/21/2011		9548	90.95	271.88	6317.55
4/21/2011		9580	91.46	272.30	0.00
4/21/2011		9611	91.56	272.38	6316.06
4/21/2011		9643	91.46	272.51	6315.21
4/21/2011		9675	91.23	272.46	6314.46
4/21/2011		9706	90.73	272.76	6313.93
4/21/2011		9738	90.39	272.86	6313.62
4/21/2011		9770	90.62	272.55	6313.34
4/21/2011		9801	90.56	271.98	6313.02
4/21/2011		9833	90.95	271.98	6312.60
4/21/2011		9864	91.95	271.05	6311.97
4/21/2011		9896	91.12	271.98	6311.28
4/22/2011		9928	91.12	270.89	6310.66
4/22/2011		9959	91.01	271.23	6310.08
4/22/2011		9991	91.57	270.92	6209.36
4/22/2011		10023	92.47	270.90	6308.28
4/22/2011		10054	92.57	271.12	6306.87
4/22/2011		10086	92.86	271.24	6305.74
4/22/2011		10117	92.96	271.19	6303.79
4/22/2011		10149	92.91	271.37	6302.14

#	Date	Depth	Deviation	Direction	TVD
	4/22/2011	10181	92.97	271.16	6300.50
	4/22/2011	10276	93.70	272.48	6295.00
	4/22/2011	10307	93.02	272.60	9293.18
	4/22/2011	10339	92.57	272.72	6291.61
	4/22/2011	10371	92.41	273.14	6290.23
	4/22/2011	10402	92.47	272.93	6288.91
	4/22/2011	10434	92.57	273.47	6287.51
	4/22/2011	10466	92.19	273.37	6286.43
	4/22/2011	10497	98.18	273.70	6285.01
# EOF					