



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

HOBBS OCD

ECR 1 9 2013

January 7, 2013

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

30-025-40652

RE: Utah State #1
2310' FSL & 2310' FWL
Sec. 13, T18S, R36E
Lea County, New Mexico

Dear Sir,

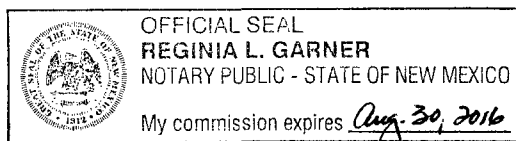
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 7th day of January, 2013.

Notary Public

MAR 05 2013

Pason DataHub Deviation Survey
Well Dossier 1355969577 - Utah ST # 1

# Date	Depth	Deviation	Direction	TVD
12/20/2012	186	0.70	0.00	0.00
12/20/2012	541	1.40	0.00	0.00
12/21/2012	757	0.50	0.00	0.00
12/21/2012	948	0.70	0.00	0.00
12/21/2012	1138	0.90	0.00	0.00
12/21/2012	1329	0.60	0.00	0.00
12/22/2012	1648	0.40	174.10	1647.99
12/23/2012	1838	0.60	151.80	1837.98
12/23/2012	2029	0.90	129.60	2023.96
12/23/2012	2220	0.90	89.80	2219.94
12/23/2012	2409	0.90	85.30	2408.42
12/23/2012	2600	1.20	68.60	2599.89
12/23/2012	2790	1.20	80.30	2789.00
12/23/2012	3171	1.90	63.80	3170.00
12/23/2012	3360	1.10	314.30	3359.64
12/23/2012	3550	1.00	302.70	3549.61
12/23/2012	3740	0.90	302.10	3739.58
12/24/2012	3930	1.50	289.80	3929.54
12/24/2012	4120	1.40	308.20	4119.48
12/24/2012	4310	1.40	307.40	4309.42
12/26/2012	4691	1.50	295.30	4690.30
12/26/2012	4882	1.50	290.90	4881.23
12/26/2012	5072	1.40	287.30	5071.17
12/27/2012	5263	1.20	284.20	5262.12
12/27/2012	5454	1.50	262.60	5453.07
12/27/2012	5644	0.70	257.80	543.03
12/27/2012	5835	0.80	242.30	5834.02
12/27/2012	6025	0.70	219.70	6024.00
12/27/2012	6216	0.60	200.10	6214.99
12/28/2012	6406	1.00	194.30	6404.97
12/28/2012	6597	0.80	171.90	6595.95
12/28/2012	6788	0.50	191.60	6786.00
12/28/2012	6978	0.70	203.80	6976.00
12/29/2012	7168	0.70	197.30	7166.91
12/29/2012	7358	1.00	197.00	7356.89
12/29/2012	7549	0.80	159.60	7547.00
12/29/2012	7740	1.50	147.50	7738.83
12/30/2012	7930	1.00	155.50	7928.78
12/30/2012	8212	1.40	184.40	8199.74
12/31/2012	8310	1.40	216.10	8308.69
12/31/2012	8501	1.40	224.90	8499.00
1/1/2013	8691	1.20	209.60	8689.58

#	Date	Depth	Deviation	Direction	TVD
	1/1/2013	8881	1.50	183.00	8879.00
	1/1/2013	9072	2.00	185.20	9070.44
	1/1/2013	9260	2.50	182.10	9258.30
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