



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

HOBBS OCD

OCT 22 2014

RECEIVED

July 21, 2014

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

RE: Norway State #1
2310' FSL & 2310' FEL
Sec. 36, T21S, R36E
Lea County, New Mexico

Dear Sir,

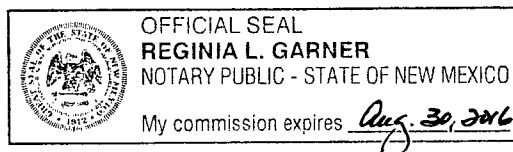
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 21st day of July, 2014.

Notary Public

OCT 30 2014

SCANNED

Norway State #1

Date	Depth	Deviation	Direction
7/2/2014	131	0.20	
7/2/2014	345	0.70	
7/3/2014	558	1.00	
7/3/2014	773	0.50	
7/3/2014	960	0.70	
7/3/2014	1111	0.60	
7/5/2014	1285	1.10	
7/5/2014	1470	0.80	
7/6/2014	1721	1.00	
7/6/2014	1914	2.30	
7/6/2014	2131	2.90	
7/6/2014	2315	2.70	
7/6/2014	2503	2.30	
7/7/2014	2688	1.30	
7/7/2014	2880	0.50	
7/7/2014	3069	1.00	
7/7/2014	3254	0.90	
7/8/2014	3442	0.50	
7/8/2014	3668	0.40	
7/8/2014	3817	0.40	
7/8/2014	4005	0.20	
7/8/2014	4190	0.60	
7/9/2014	4379	0.40	
7/9/2014	4537	0.30	
7/9/2014	4725	0.60	
7/9/2014	4910	0.00	
7/9/2014	5098	0.10	
7/10/2014	5287	0.50	
7/10/2014	5472	0.50	
7/10/2014	5694	0.70	
7/10/2014	5879	0.50	
7/11/2014	6069	0.10	
7/11/2014	6258	0.10	
7/11/2014	6445	0.40	
7/12/2014	6632	0.50	
7/12/2014	6811	2.70	
7/13/2014	6844	0.50	
7/14/2014	7145	0.40	
7/14/2014	7480	0.40	