



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

HOBBS OCD

SEP 19 2012

RECEIVED

July 9, 2012

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

30-025-40197

RE: Ohio State #5
1860' FSL & 2310' FWL
3920' Sec. 7, T18S, R35E
Lea County, New Mexico

Dear Sir,

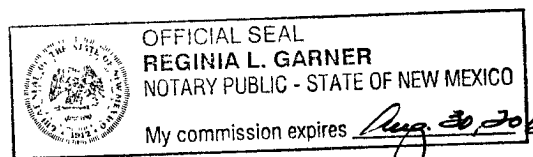
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 9th day of July, 2012.

Notary Public

SEP 27 2012

Pason DataHub Deviation Survey
Well Dossier 4143590 - OHIO ST#5
#

# Date	Depth	Deviation	Direction
6/20/2012	197	0.2	0
6/20/2012	617	0.7	0
6/20/2012	992	0.8	0
6/21/2012	1272	0.6	0
6/21/2012	1535	0.6	0
6/23/2012	2196	1.8	328.3
6/23/2012	2570	1.4	52.9
6/23/2012	2944	0.5	185.8
6/24/2012	3131	0.4	241.9
6/24/2012	3318	0.5	308.3
6/24/2012	3510	1.2	296.4
6/24/2012	3887	1.6	330.3
6/24/2012	4226	0.5	328.2
6/25/2012	4453	1.2	266.1
6/25/2012	4640	1.1	200.7
6/25/2012	5201	0.9	227.4
6/25/2012	5576	1.2	106.9
6/26/2012	5949	1.2	44.1
6/26/2012	6325	1.1	326.6
6/26/2012	6514	0.7	277.0
6/26/2012	6701	0.5	234.5
6/27/2012	6889	0.7	278.3
6/28/2012	7077	1.9	342.2
6/28/2012	7295	3.0	36.2
6/29/2012	7326	1.9	57.3
6/29/2012	7357	1.2	88.2
6/29/2012	7482	1.1	260.7
6/30/2012	7638	1.1	238.8
6/30/2012	7857	3.9	320.3
7/1/2012	8076	1.1	216.4
7/1/2012	8169	2.1	313.9
7/1/2012	8232	2.6	311.5
7/1/2012	8356	1.4	207.1
7/1/2012	8481	2.5	277.0
7/1/2012	8574	1.9	568.8
7/2/2012	8668	2.1	257.9
7/2/2012	8762	2.3	249.9
7/2/2012	9045	2.5	243.8
7/2/2012	9186	2.5	240.1

EOF

