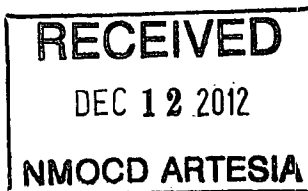




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288



30-015-40639

September 25, 2012

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

RE: Razorback Federal #2
330' FNL & 330' FWL
Sec. 3, T18S, R31E
Eddy County, New Mexico

Dear Sir,

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

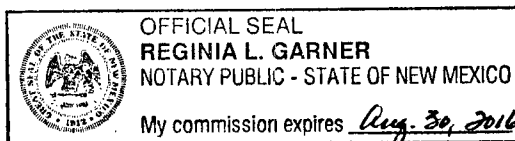
Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 25th day of September, 2012.

Notary Public



Pason DataHub Deviation Survey

Well Dossier 1347494452 - Razorback Fed # 2

# Date	Depth	Deviation
9/13/2012	264	0.0
9/13/2012	472	0.5
9/13/2012	757	0.7
9/15/2012	896	0.5
9/15/2012	1056	0.6
9/15/2012	1277	0.7
9/16/2012	1500	0.8
9/16/2012	1722	1.0
9/16/2012	1934	1.3
9/18/2012	2167	1.3
9/18/2012	2358	1.1
9/18/2012	2549	1.0
9/18/2012	2739	0.8
9/18/2012	2898	1.4
9/18/2012	3120	2.1
9/19/2012	3310	2.1
9/19/2012	3497	1.5
9/19/2012	3691	1.0
9/20/2012	3882	1.2
9/20/2012	4068	1.0
9/20/2012	4263	1.1
9/20/2012	4454	1.2
9/20/2012	4644	1.5
9/20/2012	4835	1.8
9/20/2012	5021	1.4
9/20/2012	5211	1.2
9/20/2012	5406	1.3
9/22/2012	5482	1.8

EOF

TD 5524'