



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

30-015-64195

November 15, 2014

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

RE: Calgary Federal #7
2310' FNL & 1600' FWL
Sec. 24, T15S, R28E
Chaves 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 }

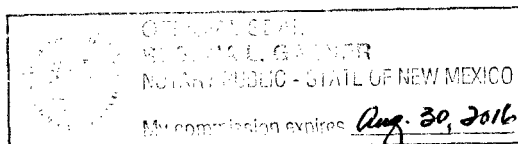
The foregoing was acknowledged before me this 15th day of November, 2014.

Notary Public

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 02 2016

RECEIVED



CALGARY FED # 7

Date	Depth	Deviation	Direction
11/5/2014	185	1.00	0.00
11/5/2014	351	2.50	0.00
11/10/2014	477	3.50	90.20
11/11/2014	507	4.70	84.70
11/11/2014	537	5.80	82.70
11/11/2014	600	6.70	79.50
11/11/2014	631	5.80	81.40
11/11/2014	1038	1.40	93.30
11/11/2014	1288	1.20	117.50
11/11/2014	1538	0.90	122.40
11/12/2014	1788	0.70	128.50
11/12/2014	2038	0.70	135.90
11/12/2014	2287	0.50	130.10
11/12/2014	2537	0.40	128.80
11/12/2014	2788	0.40	173.90
11/12/2014	3038	0.20	183.40
11/12/2014	3288	0.40	222.22
11/12/2014	3373	0.40	217.90