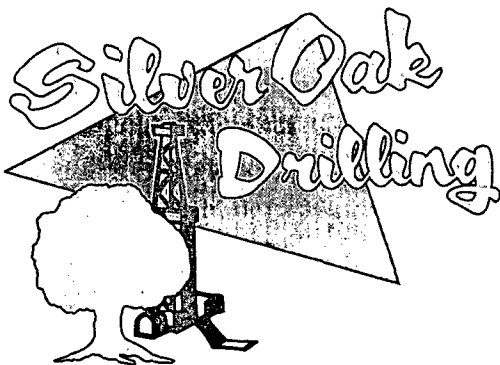




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

NM OIL CONSERVATION
ARTESIA DISTRICT

MAR 04 2015

RECEIVED

15-42107

December 5, 2014

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

RE: Chip State #2
1980' FNL & 2015' FEL
Sec. 32, T23S, R23E
Eddy County, New Mexico

Dear Sir,

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

Very truly yours,

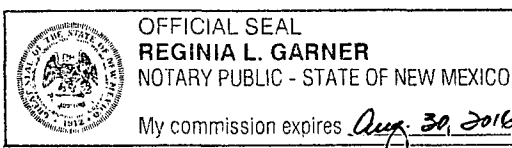
Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 5th day of December, 2014.

Notary Public

LRD 3/10/15
Accepted for record
NMOCD



CHIP ST #2

Date	Depth	Deviation	Direction
11/21/2014	148	0.50	0.00
11/21/2014	299	0.50	0.00
11/23/2014	661	0.50	0.00
11/23/2014	911	0.60	0.00
11/24/2014	1380	0.70	0.00
11/24/2014	1818	0.10	0.00
11/26/2014	2248	0.50	0.00
11/26/2014	2500	0.10	0.00
11/26/2014	2928	0.50	0.00
11/27/2014	3364	0.90	0.00
11/27/2014	3804	1.20	0.00
11/27/2014	4242	1.70	0.00
11/28/2014	4680	2.90	0.00
11/28/2014	4773	3.70	0.00
11/29/2014	5168	0.80	217.70
11/30/2014	5481	1.20	346.40
11/30/2014	5794	1.80	302.30
11/30/2014	6106	0.90	182.20
11/30/2014	6418	0.90	247.80
12/1/2014	6793	1.60	294.90
12/1/2014	7099	8.00	303.20