



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

HOBBS OCD

NOV 07 2012

RECEIVED

August 31, 2012

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

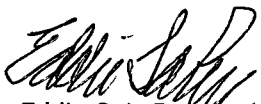
30-025-40653
EG 11-29-2012

RE: Kansas State #1
330' FSL & 990' FEL
Sec. 26, T18S, R36E
Lea County, New Mexico

Dear Sir,

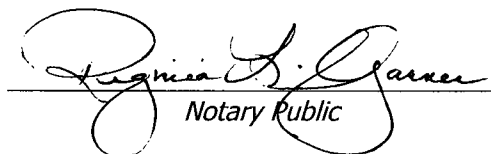
The attached is the Deviation Survey for the above captioned well.

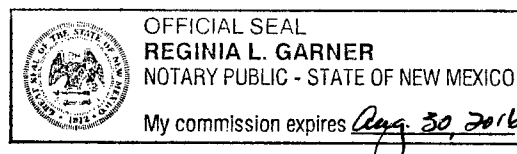
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 31st day of August, 2012.


Regina L. Garner
Notary Public



Kansas State #1

Date	Depth	Dev	Dir	TVD	Horiz Disp
8/16/2012	254	0.30			
8/16/2012	463	0.50			
8/16/2012	766	0.30			
8/16/2012	1084	0.10			
8/17/2012	1432	0.70			
8/19/2012	1617	0.26	210.85		
8/19/2012	1808	0.44	95.16		
8/19/2012	1999	0.53	93.06		
8/20/2012	2189	1.14	78.87	2188.96	
8/20/2012	2410	1.41	85.16	2409.91	
8/20/2012	2601	1.49	89.72	2600.85	
8/20/2012	2791	2.02	80.31	2790.76	
8/20/2012	2982	0.88	142.18	2981.00	
8/20/2012	3362	0.79	125.44	3361.00	
8/20/2012	3552	0.88	113.09	3551.65	
8/20/2012	3742	0.88	106.83	3741.63	
8/21/2012	3933	0.97	80.72	3932.60	
8/21/2012	4123	1.06	89.67	4122.57	
8/21/2012	4314	1.32	98.01	4313.00	
8/21/2012	4505	1.49	101.87	4504.00	
8/21/2012	4695	1.85	106.94	4694.00	
8/21/2012	4886	1.93	104.65	4885.29	
8/22/2012	5076	0.97	106.54	5075.23	
8/22/2012	5267	1.49	115.19	5266.18	
8/22/2012	5648	1.14	111.20	5647.00	
8/22/2012	5838	1.67	131.69	5836.00	
8/22/2012	6028	1.76	133.61	6026.00	
8/23/2012	6218	2.37	137.50	6216.73	
8/23/2012	6409	1.41	113.70	6407.00	
8/23/2012	6599	2.11	119.18	6597.00	
8/24/2012	6750	0.70	165.71	6788.00	
8/24/2012	6980	2.02	135.04	6978.00	
8/24/2012	7171	0.18	86.26	7169.00	
8/24/2012	7361	0.62	118.61	7359.00	
8/24/2012	7557	0.44	47.50	7549.00	
8/25/2012	7742	0.79	66.93	7740.00	
8/25/2012	7932	0.62	96.63	7930.00	
8/25/2012	8059	0.79	104.46	8057.00	
8/26/2012	8426	1.40			
8/26/2012	8759	2.10			