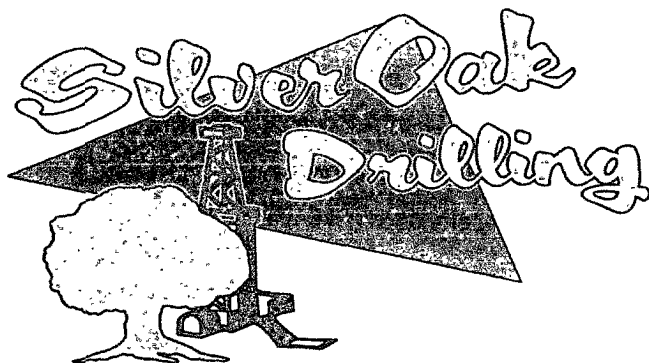




PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

August 15, 2011

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

30-005-64142

RE: Rushmore State Com #1
355' FSL & 685' FEL
Sec. 36, T9S, R29E
Chaves County, New Mexico

UL 0

Dear Sir,

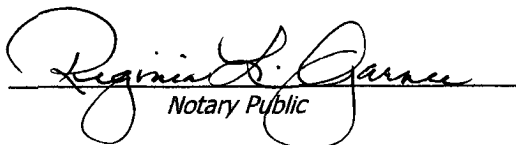
The attached is the Deviation Survey for the above captioned well.

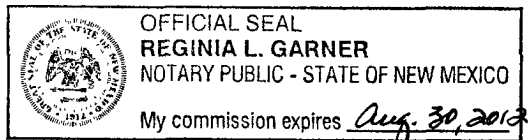
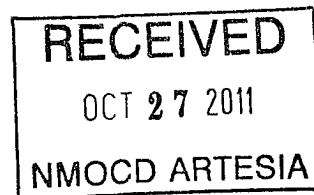
Very truly yours,


Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 15th day of August, 2011.


Regina L. Garner
Notary Public



- # Pañon DataHub Deviation Survey
Well Dossier 1311109775 - RUSHMORE STATE COM #1

# Date	Depth	Deviation	Direction
7/20/2011	164	0.40	312.90
7/20/2011	348	0.40	244.00
7/21/2011	526	0.40	269.90
7/21/2011	704	0.70	209.90
7/21/2011	806	0.50	182.90
7/24/2011	950	0.30	200.90
7/24/2011	1119	0.50	273.90
7/24/2011	1339	0.00	135.00
7/24/2011	1555	0.20	281.00
7/25/2011	1722	0.90	58.00
7/25/2011	1810	0.90	84.90
7/25/2011	2109	1.00	78.00
7/26/2011	2282	0.70	71.90
7/26/2011	2365	0.20	81.00
7/28/2011	2663	0.40	31.00
7/28/2011	2853	0.50	31.00
7/29/2011	3038	0.40	21.90
7/29/2011	3175	0.40	349.90
7/29/2011	3331	0.60	295.90
7/29/2011	3518	1.10	324.90
7/29/2011	3703	1.00	305.00
7/30/2011	3941	1.30	326.90
7/30/2011	4128	1.10	308.90
7/30/2011	4264	0.90	351.90
7/30/2011	4450	1.10	357.90
7/30/2011	4637	0.50	341.90
7/31/2011	4874	0.50	309.90
7/31/2011	5062	0.60	335.90
7/31/2011	5243	0.50	266.90
7/31/2011	5543	0.20	268.90
7/31/2011	5727	1.30	267.90
8/1/2011	5916	0.80	292.90
8/1/2011	6151	0.90	277.90
8/3/2011	6320	0.90	173.90
8/3/2011	6325	0.80	246.00
8/3/2011	6712	0.70	267.70
8/3/2011	6878	0.60	267.80
8/4/2011	7067	0.80	308.90
8/4/2011	7220	1.40	318.90
8/4/2011	7405	1.10	271.90
8/5/2011	7596	1.10	255.90
8/5/2011	7782	1.30	254.90
8/5/2011	7937	0.80	233.90
8/5/2011	8093	1.20	225.90
8/5/2011	8260	1.10	206.90
8/6/2011	8466	1.10	188.90
8/6/2011	8653	1.20	204.90
8/6/2011	8840	1.60	212.90
8/6/2011	9027	1.70	188.90
8/8/2011	9192	2.10	161.90
8/9/2011	9336	2.10	178.90

EOF