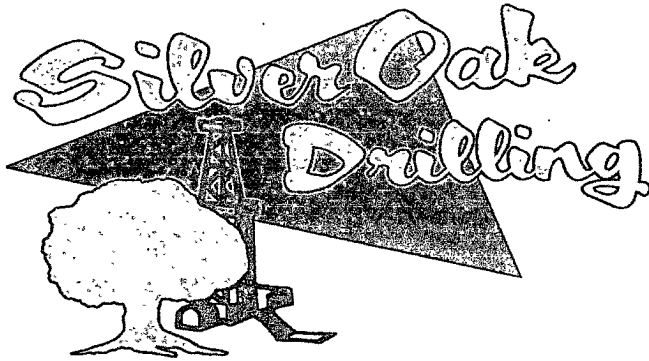




PO Box 1370  
Artesia, NM 88211-1370  
(575) 748-1288

3

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,

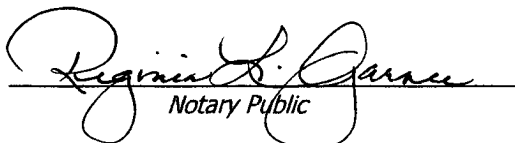
The attached is the Deviation Survey for the above captioned well.

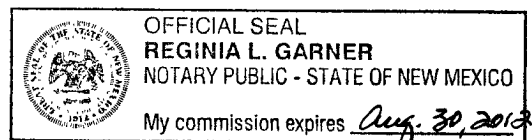
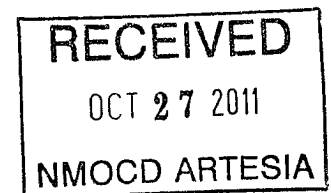
Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 15<sup>th</sup> 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     |       |           |           |