

# WELL LOGS

K Z

|             |              |           |                   |
|-------------|--------------|-----------|-------------------|
| API number: | 30-025-39093 |           |                   |
| OGRID:      |              | Operator: | MACK ENERGY CORP  |
|             |              | Property: | JUPITER STATE # 1 |

|         |        |   |      |     |     |     |     |
|---------|--------|---|------|-----|-----|-----|-----|
| surface | ULSTR: | L | 33   | T   | 13S | R   | 34E |
|         |        |   | 1980 | FSL | 660 | FWL |     |

|        |        |   |      |     |     |     |     |
|--------|--------|---|------|-----|-----|-----|-----|
| BH Loc | ULSTR: | L | 33   | T   | 13S | R   | 34E |
|        |        |   | 1980 | FSL | 660 | FWL |     |

|               |      |     |      |     |       |  |
|---------------|------|-----|------|-----|-------|--|
| Ground Level: | 4151 | DF: | 4168 | KB: | 4169  |  |
| Datum:        | KB   |     |      | TD: | 10883 |  |

Land: STATE

Completion Date: (1) 12/3/2008  
 Date Logs Received: 12/22/2008  
 Date Logs Due in: (2) 12/23/2008

|               |    |  |  |           |  |  |
|---------------|----|--|--|-----------|--|--|
| Confidential: | NO |  |  | Date out: |  |  |
|---------------|----|--|--|-----------|--|--|

Confidential period: 90 Days for State & Fee, 1 Year for federal

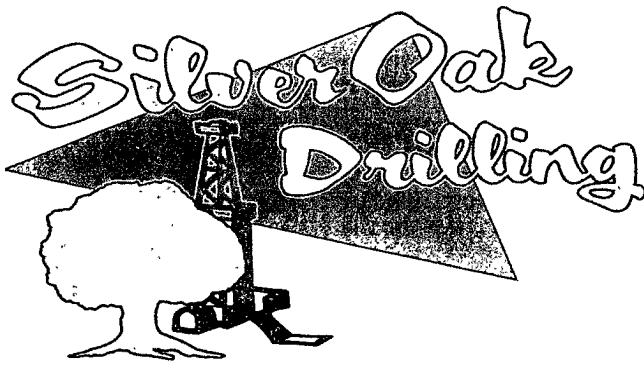
Date Due In: (1) is equal to Completion Date (1) + 20 days

| Logs        | Depth interval |       |                              |
|-------------|----------------|-------|------------------------------|
| TD LD CN/GR | 200            | 10883 | Three Detector Litho-Density |
| HRLA        | 4330           | 10883 | High Resolution Laterolog    |
|             |                |       |                              |
|             |                |       |                              |
|             |                |       |                              |
|             |                |       |                              |
|             |                |       |                              |
|             |                |       |                              |

K Z

## OCD TOPS

|            |      |           |       |  |  |
|------------|------|-----------|-------|--|--|
| Rustler    | 1862 | Strawn    | 10230 |  |  |
| Tansill    |      | Atoka     |       |  |  |
| Yates      | 2856 | Morrow    |       |  |  |
| 7 rvrs     |      |           |       |  |  |
|            |      | Austin    |       |  |  |
|            |      | Chester   |       |  |  |
| Queen      |      | Miss Lime |       |  |  |
| Penrose    |      |           |       |  |  |
| Grayburg   |      |           |       |  |  |
| San Andres | 4273 |           |       |  |  |
| Glorieta   | 5792 |           |       |  |  |
| Paddock    |      |           |       |  |  |
| Blinbry    |      |           |       |  |  |
| Tubb       | 7210 |           |       |  |  |
| Drinkard   | 7484 |           |       |  |  |
| Abo        | 7965 |           |       |  |  |
| Wolfcamp   | 9528 |           |       |  |  |
|            |      |           |       |  |  |
|            |      |           |       |  |  |



PO Box 1370  
Artesia, NM 88211-1370  
(505) 748-1288

December 4, 2008

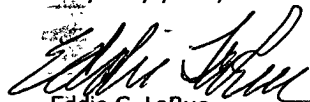
Mack Energy Corporation  
PO Box 960  
Artesia, NM 88211-0960

RE: Jupiter State #1  
1980' FSL & 660' FWL  
Sec. 33, T13S, R34E  
Lea County, New Mexico

Dear Sir,

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

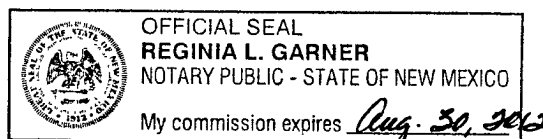
Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 4<sup>th</sup> day of December, 2008.

  
Notary Public



| Date       | Depth   | Dev  | Dir  | TVD | Date       | Depth    | Dev  | Dir    | TVD |
|------------|---------|------|------|-----|------------|----------|------|--------|-----|
| 09/28/2008 | 169.00  | 1.00 | 0.00 |     | 10/22/2008 | 6348.00  | 1.30 | 0.00   |     |
| 09/28/2008 | 380.00  | 1.00 | 0.00 |     | 10/22/2008 | 6412.00  | 1.10 | 0.00   |     |
| 09/30/2008 | 500.00  | 0.90 | 0.00 |     | 10/22/2008 | 6475.00  | 0.40 | 0.00   |     |
| 09/30/2008 | 617.00  | 0.90 | 0.00 |     | 10/22/2008 | 6570.00  | 0.40 | 0.00   |     |
| 09/30/2008 | 1101.00 | 0.30 | 0.00 |     | 10/23/2008 | 6692.00  | 0.20 | 0.00   |     |
| 10/01/2008 | 1520.00 | 1.40 | 0.00 |     | 10/23/2008 | 6824.00  | 0.20 | 0.00   |     |
| 10/01/2008 | 1750.00 | 1.00 | 0.00 |     | 10/23/2008 | 6951.00  | 0.50 | 0.00   |     |
| 10/02/2008 | 1782.00 | 1.00 | 0.00 |     | 10/23/2008 | 7078.00  | 0.30 | 0.00   |     |
| 10/02/2008 | 1884.00 | 1.00 | 0.00 |     | 10/25/2008 | 7225.00  | 0.70 | 0.00   |     |
| 10/02/2008 | 1917.00 | 0.60 | 0.00 |     | 10/25/2008 | 7331.00  | 0.30 | 0.00   |     |
| 10/02/2008 | 2044.00 | 0.60 | 0.00 |     | 10/26/2008 | 7453.00  | 1.00 | 0.00   |     |
| 10/02/2008 | 2171.00 | 1.30 | 0.00 |     | 10/26/2008 | 7611.00  | 1.70 | 0.00   |     |
| 10/02/2008 | 2322.00 | 1.25 | 0.00 |     | 10/26/2008 | 7649.00  | 1.70 | 0.00   |     |
| 10/03/2008 | 2454.00 | 1.10 | 0.00 |     | 10/27/2008 | 7707.00  | 1.10 | 0.00   |     |
| 10/03/2008 | 2607.00 | 1.00 | 0.00 |     | 10/27/2008 | 7833.00  | 1.40 | 0.00   |     |
| 10/03/2008 | 2806.00 | 1.70 | 0.00 |     | 10/27/2008 | 7871.00  | 1.90 | 0.00   |     |
| 10/03/2008 | 2894.00 | 1.90 | 0.00 |     | 10/27/2008 | 7859.00  | 2.00 | 0.00   |     |
| 10/06/2008 | 3151.00 | 1.90 | 0.00 |     | 10/29/2008 | 7958.00  | 0.88 | 339.87 |     |
| 10/06/2008 | 3187.00 | 1.30 | 0.00 |     | 10/29/2008 | 8022.00  | 1.06 | 345.22 |     |
| 10/07/2008 | 3314.00 | 1.90 | 0.00 |     | 10/29/2008 | 8148.00  | 0.70 | 37.09  |     |
| 10/07/2008 | 3409.00 | 2.40 | 0.00 |     | 10/30/2008 | 8212.00  | 0.70 | 55.43  |     |
| 10/07/2008 | 3441.00 | 3.00 | 0.00 |     | 10/30/2008 | 8275.00  | 0.62 | 57.88  |     |
| 10/07/2008 | 3504.00 | 2.80 | 0.00 |     | 10/30/2008 | 8339.00  | 0.53 | 84.97  |     |
| 10/08/2008 | 3565.00 | 2.50 | 0.00 |     | 10/30/2008 | 8402.00  | 0.70 | 62.99  |     |
| 10/08/2008 | 3631.00 | 0.00 | 0.00 |     | 10/31/2008 | 8466.00  | 0.53 | 44.13  |     |
| 10/08/2008 | 3663.00 | 2.30 | 0.00 |     | 10/31/2008 | 8529.00  | 0.26 | 48.73  |     |
| 10/08/2008 | 3694.00 | 1.70 | 0.00 |     | 10/31/2008 | 8593.00  | 0.26 | 31.35  |     |
| 10/09/2008 | 3790.00 | 1.30 | 0.00 |     | 10/31/2008 | 8612.00  | 0.44 | 32.81  |     |
| 10/09/2008 | 3885.00 | 1.40 | 0.00 |     | 11/01/2008 | 8696.00  | 0.80 | 0.00   |     |
| 10/10/2008 | 3980.00 | 2.40 | 0.00 |     | 11/01/2008 | 8791.00  | 0.20 | 0.00   |     |
| 10/10/2008 | 3965.00 | 2.00 | 0.00 |     | 11/02/2008 | 8914.00  | 0.30 | 0.00   |     |
| 10/11/2008 | 4071.00 | 2.30 | 0.00 |     | 11/02/2008 | 9046.00  | 1.20 | 0.00   |     |
| 10/11/2008 | 4105.00 | 0.75 | 0.00 |     | 11/04/2008 | 9133.00  | 1.30 | 0.00   |     |
| 10/12/2008 | 4137.00 | 1.75 | 0.00 |     | 11/04/2008 | 9235.00  | 1.20 | 0.00   |     |
| 10/12/2008 | 4232.00 | 1.50 | 0.00 |     | 11/04/2008 | 9266.00  | 1.00 | 0.00   |     |
| 10/16/2008 | 4423.00 | 2.30 | 0.00 |     | 11/05/2008 | 9324.00  | 1.00 | 0.00   |     |
| 10/16/2008 | 4619.00 | 1.80 | 0.00 |     | 11/05/2008 | 9387.00  | 1.60 | 0.00   |     |
| 10/16/2008 | 4717.00 | 1.30 | 0.00 |     | 11/05/2008 | 9489.00  | 1.20 | 0.00   |     |
| 10/17/2008 | 4807.00 | 1.30 | 0.00 |     | 11/06/2008 | 9578.00  | 1.10 | 0.00   |     |
| 10/17/2008 | 4900.00 | 1.20 | 0.00 |     | 11/06/2008 | 9679.00  | 1.40 | 0.00   |     |
| 10/17/2008 | 5000.00 | 0.80 | 0.00 |     | 11/06/2008 | 9742.00  | 1.40 | 0.00   |     |
| 10/18/2008 | 5264.00 | 1.60 | 0.00 |     | 11/06/2008 | 9837.00  | 1.00 | 0.00   |     |
| 10/18/2008 | 5391.00 | 2.70 | 0.00 |     | 11/07/2008 | 9926.00  | 0.70 | 0.00   |     |
| 10/18/2008 | 5417.00 | 2.50 | 0.00 |     | 11/08/2008 | 10023.00 | 0.10 | 0.00   |     |
| 10/18/2008 | 5486.00 | 2.10 | 0.00 |     | 11/08/2008 | 10125.00 | 0.30 | 0.00   |     |
| 10/18/2008 | 5549.00 | 2.10 | 0.00 |     | 11/09/2008 | 10213.00 | 0.60 | 0.00   |     |
| 10/19/2008 | 5616.00 | 1.90 | 0.00 |     | 11/09/2008 | 10314.00 | 0.80 | 0.00   |     |
| 10/19/2008 | 5679.00 | 1.80 | 0.00 |     | 11/10/2008 | 10404.00 | 0.90 | 0.00   |     |
| 10/19/2008 | 5708.00 | 1.40 | 0.00 |     | 11/10/2008 | 10504.00 | 0.70 | 0.00   |     |
| 10/19/2008 | 5772.00 | 1.70 | 0.00 |     | 11/11/2008 | 10594.00 | 0.60 | 0.00   |     |
| 10/19/2008 | 5835.00 | 0.90 | 0.00 |     | 11/11/2008 | 10688.00 | 0.20 | 0.00   |     |
| 10/19/2008 | 5899.00 | 1.60 | 0.00 |     | 11/12/2008 | 10789.00 | 0.50 | 0.00   |     |
| 10/20/2008 | 5962.00 | 1.80 | 0.00 |     | # EOF      |          |      |        |     |
| 10/20/2008 | 6026.00 | 1.60 | 0.00 |     |            |          |      |        |     |
| 10/20/2008 | 6089.00 | 1.00 | 0.00 |     |            |          |      |        |     |
| 10/20/2008 | 6154.00 | 1.30 | 0.00 |     |            |          |      |        |     |
| 10/21/2008 | 6244.00 | 0.90 | 0.00 |     |            |          |      |        |     |
| 10/21/2008 | 6285.00 | 1.50 | 0.00 |     |            |          |      |        |     |
| 10/22/2008 | 6294.00 | 1.25 | 0.00 |     |            |          |      |        |     |