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**Ricketts**  
**Testing, Inc.**

ORIGINAL

Company PICKRELL DRILLING COMPANY, INC. Lease & Well No. SHEA-NICHOLAS #2  
Elevation 1673 G.L. Formation MISSISSIPPI Ticket No. 2312  
Date 4-26-05 Sec. 30 Twp. 30S Range 8W County KINGMAN State KS  
Test Approved by JERRY SMITH Ricketts Representative JIMMY RICKETTS

Formation Test No. 1 Interval Tested from 4368 ft. to 4391 ft. Total Depth 4391 ft.  
Packer Depth 4368 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 4365 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4373 ft. Recorder Number 11027 Cap. 4275  
Bottom Recorder Depth (Outside) 4376 ft. Recorder Number W1023 Cap. 10000  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor PICKRELL DRILLING RIG #1 Drill Collar Length 245 I.D. 2.25 in.  
Mud Type CHEMICAL Viscosity 46 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
Weight 9.2 Water Loss 9.6 cc. Drill Pipe Length 4103 I.D. 3.25 in.  
Chlorides 5000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 23 ft. Size 5 1/2 in.  
Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
Gravity Oil \_\_\_\_\_ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: WEAK BLOW BUILDING TO 9" INITIAL FLOW PERIOD. WEAK BLOW BUILDING TO A STRONG BLOW IN 25  
MINUTES FINAL FLOW PERIOD.

Recovered 450 ft. of GAS  
Recovered 10 ft. of MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Remarks: \_\_\_\_\_

Time Set Packer (s) 1:33 A.M. Time Started Off Bottom 5:33 A.M. Maximum Temperature 116°  
Initial Hydrostatic Pressure .....(A) 2184 P.S.I.  
Initial Flow Period .....Minutes 30 (B) 17 P.S.I. to  
(C) 22 P.S.I.  
Initial Closed In Period .....Minutes 60 (D) 257 P.S.I.  
Final Flow Period .....Minutes 60 (E) 21 P.S.I. to  
(F) 26 P.S.I.  
Final Closed In Period .....Minutes 90 (G) 401 P.S.I.  
Final Hydrostatic Pressure .....(H) 2062 P.S.I.

## Pressure Test Report

### COMPANY INFORMATION

|                |                             |
|----------------|-----------------------------|
| Company Name   | Prickell Drilling Co., Inc. |
| Representative | Jerry Smith                 |
| Phone          |                             |
| Fax            |                             |
| Address        |                             |

E-Mail Address  
Service Company

### WELL INFORMATION

|                                         |                           |
|-----------------------------------------|---------------------------|
| Well Name                               | Shea-Nicholas #2          |
| Well Location                           | 30-30S-8W C SE SW         |
| Field and Pool                          | Spivey-Grabs-Basil        |
| Status (Oil, Gas, Water, Injection)     | Oil and Gas               |
| Perforated Intervals                    |                           |
| Mid-point of Perforated Intervals (MPP) |                           |
| Drilling Rig Number                     | Pickrell Drilling Company |
| Elevations                              |                           |
| Kelly Bushing (KB)                      | 1678 KB                   |
| Casing Flange (CF)                      |                           |
| KB-CF                                   |                           |
| Ground Level                            | 1673 GL                   |
| Plug Back Total Depth                   |                           |
| Total Depth                             | 4391                      |
| Production Casing                       |                           |
| Production Tubing                       |                           |

### TEST INFORMATION

|                                   |                     |
|-----------------------------------|---------------------|
| Type of Test                      | DST #1 4368 to 4391 |
| Date(s) of Test                   | 4-26-2005           |
| Dead-weight Gauge Tubing Pressure |                     |
| Dead-weight Gauge Casing Pressure |                     |
| Shut-in Date (Duration)           | 4-26-2005           |
| Date / Time on Bottom             | 4-26-2005 1:33 am   |
| Date / Time off Bottom            | 4-26-2005 5:33 am   |

|                                      |      |
|--------------------------------------|------|
| Probe Serial Number                  |      |
| Probe Offset from End of Tool String |      |
| Run Depth at Probe Pressure Port     | 4373 |

### PRESSURE TEST RESULTS

|                                    |             |
|------------------------------------|-------------|
| Maximum Recorded Probe Pressure    | 2232.3 psig |
| Maximum Recorded Probe Temperature | 117.5 deg F |
| Final Buildup Pressure             |             |
| Gradient Survey Information        |             |
| Extrapolated Pressure to MPP       |             |
| Final Gradient at Depth            |             |
| Job Number                         |             |



|                 |                             |
|-----------------|-----------------------------|
| Company Name    | Prickell Drilling Co., Inc. |
| Well Name       | Shea-Nicholas #2            |
| Type of Test    | DST #1 4368 to 4391         |
| Date(s) of Test | 4-26-2005                   |

ORIGINAL

## **COMMENTS**

Reported By

Jimmy Ricketts

Weak blow building to 9" initial flow period. Weak blow building to strong blow 25 minutes into final flow period. Recovery - 450' gas and 10' mud.



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ORIGINAL

| Date         | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|--------------|----------|-----------------|-----------|--------------|
|              |          | hr              | psig      | deg F        |
| 2005/04/26   | 23:50:00 | 4.1653          | 142.310   | 81.799       |
| 2005/04/26   | 23:52:45 | 4.2111          | 218.787   | 81.957       |
| 2005/04/26   | 23:55:15 | 4.2528          | 279.815   | 82.191       |
| 2005/04/26   | 23:57:30 | 4.2903          | 344.704   | 82.582       |
| 2005/04/27   | 00:00:15 | 4.3361          | 409.215   | 83.262       |
| 2005/04/27   | 00:02:30 | 4.3736          | 476.565   | 84.324       |
| 2005/04/27   | 00:05:15 | 4.4194          | 536.070   | 85.530       |
| 2005/04/27   | 00:07:45 | 4.4611          | 597.965   | 86.616       |
| 2005/04/27   | 00:10:00 | 4.4986          | 659.851   | 87.508       |
| 2005/04/27   | 00:12:45 | 4.5444          | 718.890   | 88.524       |
| 2005/04/27   | 00:15:15 | 4.5861          | 780.114   | 89.470       |
| 2005/04/27   | 00:17:30 | 4.6236          | 847.161   | 90.241       |
| 2005/04/27   | 00:20:15 | 4.6694          | 905.339   | 91.044       |
| 2005/04/27   | 00:22:30 | 4.7069          | 928.115   | 91.555       |
| 2005/04/27   | 00:25:15 | 4.7528          | 1034.089  | 92.064       |
| 2005/04/27   | 00:27:45 | 4.7944          | 1092.357  | 92.538       |
| 2005/04/27   | 00:30:00 | 4.8319          | 1211.378  | 93.056       |
| 2005/04/27   | 00:32:45 | 4.8778          | 1270.997  | 93.736       |
| 2005/04/27   | 00:35:00 | 4.9153          | 1235.292  | 94.325       |
| 2005/04/27   | 00:37:45 | 4.9611          | 1376.273  | 95.140       |
| 2005/04/27   | 00:40:15 | 5.0028          | 1453.081  | 95.871       |
| 2005/04/27   | 00:42:30 | 5.0403          | 1431.547  | 96.476       |
| 2005/04/27   | 00:45:15 | 5.0861          | 1501.727  | 97.239       |
| 2005/04/27   | 00:47:30 | 5.1236          | 1572.323  | 97.920       |
| 2005/04/27   | 00:50:15 | 5.1694          | 1613.490  | 98.719       |
| 2005/04/27   | 00:52:45 | 5.2111          | 1690.099  | 99.343       |
| 2005/04/27   | 00:55:00 | 5.2486          | 1808.067  | 99.892       |
| 2005/04/27   | 00:57:45 | 5.2944          | 1785.946  | 100.488      |
| 2005/04/27   | 01:00:15 | 5.3361          | 1807.175  | 101.118      |
| 2005/04/27   | 01:02:30 | 5.3736          | 1879.008  | 101.687      |
| 2005/04/27   | 01:05:15 | 5.4194          | 1938.854  | 102.371      |
| 2005/04/27   | 01:07:45 | 5.4611          | 2016.524  | 103.183      |
| 2005/04/27   | 01:10:15 | 5.5028          | 1948.187  | 103.984      |
| 2005/04/27   | 01:12:45 | 5.5444          | 2088.939  | 104.506      |
| 2005/04/27   | 01:15:00 | 5.5819          | 2026.171  | 105.019      |
| 2005/04/27   | 01:17:45 | 5.6278          | 2116.020  | 105.660      |
| 2005/04/27   | 01:20:15 | 5.6694          | 2066.276  | 106.178      |
| 2005/04/27   | 01:22:30 | 5.7069          | 2106.039  | 106.680      |
| 2005/04/27   | 01:25:15 | 5.7528          | 2138.869  | 107.352      |
| 2005/04/27   | 01:27:45 | 5.7944          | 2085.631  | 107.881      |
| 2005/04/27   | 01:30:00 | 5.8319          | 2183.363  | 108.248      |
| Initial HYD  |          |                 |           |              |
| 2005/04/27   | 01:32:00 | 5.8653          | 2184.901  | 108.628      |
| 2005/04/27   | 01:32:45 | 5.8778          | 15.676    | 108.495      |
| Initial Flow |          |                 |           |              |
| 2005/04/27   | 01:34:15 | 5.9028          | 17.295    | 108.550      |
| 2005/04/27   | 01:35:00 | 5.9153          | 17.499    | 108.599      |
| 2005/04/27   | 01:37:45 | 5.9611          | 18.582    | 108.813      |
| 2005/04/27   | 01:40:15 | 6.0028          | 19.444    | 108.988      |
| 2005/04/27   | 01:42:30 | 6.0403          | 19.922    | 109.141      |



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Well Name Shea-Nicholas #2  
Type of Test DST #1 4368 to 4391  
Date(s) of Test 4-26-2005

ORIGINAL

| Date            | Time     | Cum. Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|-----------------|----------|------------------|-----------|--------------|
|                 |          | hr               | psig      | deg F        |
| 2005/04/27      | 01:45:15 | 6.0861           | 19.823    | 109.319      |
| 2005/04/27      | 01:47:45 | 6.1278           | 20.059    | 109.467      |
| 2005/04/27      | 01:50:00 | 6.1653           | 21.441    | 109.596      |
| 2005/04/27      | 01:52:45 | 6.2111           | 20.512    | 109.749      |
| 2005/04/27      | 01:55:15 | 6.2528           | 21.180    | 109.886      |
| 2005/04/27      | 01:57:45 | 6.2944           | 22.419    | 110.012      |
| Initial Flow    |          |                  |           |              |
| 2005/04/27      | 02:00:15 | 6.3361           | 22.078    | 110.147      |
| 2005/04/27      | 02:02:30 | 6.3736           | 22.082    | 110.259      |
| 2005/04/27      | 02:05:15 | 6.4194           | 36.189    | 110.401      |
| 2005/04/27      | 02:07:45 | 6.4611           | 48.779    | 110.525      |
| 2005/04/27      | 02:10:15 | 6.5028           | 60.626    | 110.660      |
| 2005/04/27      | 02:12:45 | 6.5444           | 71.861    | 110.779      |
| 2005/04/27      | 02:15:00 | 6.5819           | 81.991    | 110.889      |
| 2005/04/27      | 02:17:45 | 6.6278           | 93.636    | 111.024      |
| 2005/04/27      | 02:20:00 | 6.6653           | 102.875   | 111.119      |
| 2005/04/27      | 02:22:45 | 6.7111           | 114.210   | 111.250      |
| 2005/04/27      | 02:25:15 | 6.7528           | 124.253   | 111.367      |
| 2005/04/27      | 02:27:30 | 6.7903           | 133.115   | 111.456      |
| 2005/04/27      | 02:30:15 | 6.8361           | 143.910   | 111.582      |
| 2005/04/27      | 02:32:45 | 6.8778           | 153.649   | 111.688      |
| 2005/04/27      | 02:35:00 | 6.9153           | 162.160   | 111.780      |
| 2005/04/27      | 02:37:45 | 6.9611           | 172.558   | 111.889      |
| 2005/04/27      | 02:40:15 | 7.0028           | 182.013   | 111.992      |
| 2005/04/27      | 02:42:30 | 7.0403           | 190.390   | 112.082      |
| 2005/04/27      | 02:45:15 | 7.0861           | 200.344   | 112.186      |
| 2005/04/27      | 02:47:30 | 7.1236           | 208.382   | 112.276      |
| 2005/04/27      | 02:50:15 | 7.1694           | 217.971   | 112.375      |
| 2005/04/27      | 02:52:45 | 7.2111           | 226.522   | 112.469      |
| 2005/04/27      | 02:55:00 | 7.2486           | 234.041   | 112.552      |
| 2005/04/27      | 02:57:45 | 7.2944           | 243.096   | 112.656      |
| 2005/04/27      | 03:00:00 | 7.3319           | 250.165   | 112.732      |
| Initial Buildup |          |                  |           |              |
| 2005/04/27      | 03:02:30 | 7.3736           | 257.511   | 112.811      |
| 2005/04/27      | 03:02:45 | 7.3778           | 16.159    | 112.807      |
| Final Flow      |          |                  |           |              |
| 2005/04/27      | 03:05:00 | 7.4153           | 21.048    | 112.845      |
| 2005/04/27      | 03:05:15 | 7.4194           | 20.854    | 112.856      |
| 2005/04/27      | 03:07:45 | 7.4611           | 21.961    | 112.926      |
| 2005/04/27      | 03:10:15 | 7.5028           | 22.436    | 113.018      |
| 2005/04/27      | 03:12:30 | 7.5403           | 21.546    | 113.097      |
| 2005/04/27      | 03:15:15 | 7.5861           | 23.446    | 113.187      |
| 2005/04/27      | 03:17:45 | 7.6278           | 23.366    | 113.272      |
| 2005/04/27      | 03:20:00 | 7.6653           | 22.147    | 113.356      |
| 2005/04/27      | 03:22:45 | 7.7111           | 22.493    | 113.448      |
| 2005/04/27      | 03:25:15 | 7.7528           | 22.470    | 113.533      |
| 2005/04/27      | 03:27:30 | 7.7903           | 22.771    | 113.612      |
| 2005/04/27      | 03:30:15 | 7.8361           | 22.873    | 113.698      |
| 2005/04/27      | 03:32:30 | 7.8736           | 23.434    | 113.778      |
| 2005/04/27      | 03:35:15 | 7.9194           | 23.297    | 113.862      |



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ORIGINAL

| Date          | Time     | Cum. Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|---------------|----------|------------------|-----------|--------------|
|               |          | hr               | psig      | deg F        |
| 2005/04/27    | 03:37:45 | 7.9611           | 23.394    | 113.943      |
| 2005/04/27    | 03:40:00 | 7.9986           | 23.655    | 114.013      |
| 2005/04/27    | 03:42:45 | 8.0444           | 23.398    | 114.096      |
| 2005/04/27    | 03:45:00 | 8.0819           | 23.451    | 114.163      |
| 2005/04/27    | 03:47:45 | 8.1278           | 23.954    | 114.247      |
| 2005/04/27    | 03:50:15 | 8.1694           | 23.897    | 114.318      |
| 2005/04/27    | 03:52:30 | 8.2069           | 23.929    | 114.386      |
| 2005/04/27    | 03:55:15 | 8.2528           | 24.064    | 114.465      |
| 2005/04/27    | 03:57:30 | 8.2903           | 24.236    | 114.534      |
| 2005/04/27    | 04:00:15 | 8.3361           | 24.241    | 114.611      |
| 2005/04/27    | 04:02:45 | 8.3778           | 24.384    | 114.669      |
| Final Flow    |          |                  |           |              |
| 2005/04/27    | 04:03:00 | 8.3819           | 26.220    | 114.681      |
| 2005/04/27    | 04:05:00 | 8.4153           | 53.150    | 114.739      |
| 2005/04/27    | 04:07:45 | 8.4611           | 85.128    | 114.820      |
| 2005/04/27    | 04:10:15 | 8.5028           | 111.095   | 114.904      |
| 2005/04/27    | 04:12:30 | 8.5403           | 132.608   | 114.964      |
| 2005/04/27    | 04:15:15 | 8.5861           | 156.864   | 115.039      |
| 2005/04/27    | 04:17:45 | 8.6278           | 176.988   | 115.111      |
| 2005/04/27    | 04:20:15 | 8.6694           | 195.842   | 115.176      |
| 2005/04/27    | 04:22:45 | 8.7111           | 213.179   | 115.250      |
| 2005/04/27    | 04:25:00 | 8.7486           | 227.823   | 115.311      |
| 2005/04/27    | 04:27:45 | 8.7944           | 244.331   | 115.383      |
| 2005/04/27    | 04:30:15 | 8.8361           | 258.065   | 115.435      |
| 2005/04/27    | 04:32:30 | 8.8736           | 269.650   | 115.493      |
| 2005/04/27    | 04:35:15 | 8.9194           | 282.370   | 115.565      |
| 2005/04/27    | 04:37:45 | 8.9611           | 293.175   | 115.617      |
| 2005/04/27    | 04:40:00 | 8.9986           | 302.365   | 115.669      |
| 2005/04/27    | 04:42:45 | 9.0444           | 312.765   | 115.738      |
| 2005/04/27    | 04:45:00 | 9.0819           | 320.455   | 115.786      |
| 2005/04/27    | 04:47:45 | 9.1278           | 329.289   | 115.840      |
| 2005/04/27    | 04:50:15 | 9.1694           | 336.649   | 115.896      |
| 2005/04/27    | 04:52:30 | 9.2069           | 342.726   | 115.943      |
| 2005/04/27    | 04:55:15 | 9.2528           | 349.696   | 115.999      |
| 2005/04/27    | 04:57:45 | 9.2944           | 355.414   | 116.047      |
| 2005/04/27    | 05:00:00 | 9.3319           | 360.183   | 116.091      |
| 2005/04/27    | 05:02:45 | 9.3778           | 365.513   | 116.148      |
| 2005/04/27    | 05:05:15 | 9.4194           | 369.930   | 116.199      |
| 2005/04/27    | 05:07:45 | 9.4611           | 374.095   | 116.244      |
| 2005/04/27    | 05:10:15 | 9.5028           | 377.899   | 116.283      |
| 2005/04/27    | 05:12:30 | 9.5403           | 381.069   | 116.332      |
| 2005/04/27    | 05:15:15 | 9.5861           | 384.591   | 116.386      |
| 2005/04/27    | 05:17:30 | 9.6236           | 387.213   | 116.427      |
| 2005/04/27    | 05:20:15 | 9.6694           | 390.217   | 116.476      |
| 2005/04/27    | 05:22:45 | 9.7111           | 392.702   | 116.512      |
| 2005/04/27    | 05:25:00 | 9.7486           | 394.952   | 116.551      |
| 2005/04/27    | 05:27:45 | 9.7944           | 397.201   | 116.598      |
| 2005/04/27    | 05:30:00 | 9.8319           | 399.035   | 116.640      |
| 2005/04/27    | 05:32:45 | 9.8778           | 401.022   | 116.685      |
| Final Buildup |          |                  |           |              |



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| Date       | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|------------|----------|-----------------|-----------|--------------|
|            |          | hr              | psig      | deg F        |
| 2005/04/27 | 05:33:30 | 9.8903          | 401.554   | 116.699      |
| Final HYD  |          |                 |           |              |
| 2005/04/27 | 05:34:30 | 9.9069          | 2062.671  | 116.987      |
| 2005/04/27 | 05:35:15 | 9.9194          | 2100.823  | 117.104      |
| 2005/04/27 | 05:37:30 | 9.9569          | 2057.287  | 117.295      |
| 2005/04/27 | 05:40:15 | 10.0028         | 2059.751  | 117.396      |
| 2005/04/27 | 05:42:45 | 10.0444         | 2060.067  | 117.459      |
| 2005/04/27 | 05:45:00 | 10.0819         | 2098.183  | 117.477      |
| 2005/04/27 | 05:47:45 | 10.1278         | 2076.729  | 117.342      |
| 2005/04/27 | 05:50:15 | 10.1694         | 2069.531  | 117.050      |
| 2005/04/27 | 05:52:30 | 10.2069         | 2023.458  | 116.746      |
| 2005/04/27 | 05:55:15 | 10.2528         | 1918.400  | 116.181      |
| 2005/04/27 | 05:57:30 | 10.2903         | 1949.672  | 115.720      |
| 2005/04/27 | 06:00:15 | 10.3361         | 2002.420  | 115.138      |
| 2005/04/27 | 06:02:45 | 10.3778         | 1942.339  | 114.582      |
| 2005/04/27 | 06:05:15 | 10.4194         | 1916.291  | 114.186      |
| 2005/04/27 | 06:07:45 | 10.4611         | 1914.407  | 113.765      |
| 2005/04/27 | 06:10:00 | 10.4986         | 1833.249  | 113.176      |
| 2005/04/27 | 06:12:45 | 10.5444         | 1738.499  | 112.269      |
| 2005/04/27 | 06:15:15 | 10.5861         | 1679.750  | 111.391      |
| 2005/04/27 | 06:17:45 | 10.6278         | 1598.740  | 110.296      |
| 2005/04/27 | 06:20:15 | 10.6694         | 1524.667  | 109.047      |
| 2005/04/27 | 06:22:30 | 10.7069         | 1471.915  | 108.079      |
| 2005/04/27 | 06:25:15 | 10.7528         | 1389.537  | 106.702      |
| 2005/04/27 | 06:27:45 | 10.7944         | 1376.329  | 105.447      |
| 2005/04/27 | 06:30:00 | 10.8319         | 1309.820  | 104.270      |
| 2005/04/27 | 06:32:45 | 10.8778         | 1243.858  | 102.857      |
| 2005/04/27 | 06:35:15 | 10.9194         | 1154.909  | 101.597      |
| 2005/04/27 | 06:37:30 | 10.9569         | 1099.174  | 100.499      |
| 2005/04/27 | 06:40:15 | 11.0028         | 1090.184  | 99.635       |
| 2005/04/27 | 06:42:30 | 11.0403         | 1151.974  | 99.160       |
| 2005/04/27 | 06:45:15 | 11.0861         | 1133.024  | 98.609       |
| 2005/04/27 | 06:47:45 | 11.1278         | 1128.570  | 98.186       |
| 2005/04/27 | 06:50:00 | 11.1653         | 1093.462  | 97.792       |
| 2005/04/27 | 06:52:45 | 11.2111         | 994.904   | 97.245       |
| 2005/04/27 | 06:55:00 | 11.2486         | 966.459   | 96.528       |
| 2005/04/27 | 06:57:45 | 11.2944         | 855.473   | 95.668       |
| 2005/04/27 | 07:00:15 | 11.3361         | 823.773   | 94.890       |
| 2005/04/27 | 07:02:30 | 11.3736         | 753.452   | 94.253       |
| 2005/04/27 | 07:05:15 | 11.4194         | 685.296   | 93.571       |
| 2005/04/27 | 07:07:30 | 11.4569         | 628.340   | 93.061       |
| 2005/04/27 | 07:10:15 | 11.5028         | 524.336   | 92.449       |
| 2005/04/27 | 07:12:45 | 11.5444         | 471.189   | 91.843       |
| 2005/04/27 | 07:15:00 | 11.5819         | 406.994   | 91.288       |
| 2005/04/27 | 07:17:45 | 11.6278         | 343.412   | 90.529       |
| 2005/04/27 | 07:20:15 | 11.6694         | 254.604   | 89.654       |
| 2005/04/27 | 07:22:30 | 11.7069         | 199.389   | 88.824       |
| 2005/04/27 | 07:25:15 | 11.7528         | 139.229   | 87.892       |
| 2005/04/27 | 07:27:30 | 11.7903         | 121.054   | 87.204       |
| 2005/04/27 | 07:30:15 | 11.8361         | 120.606   | 86.515       |

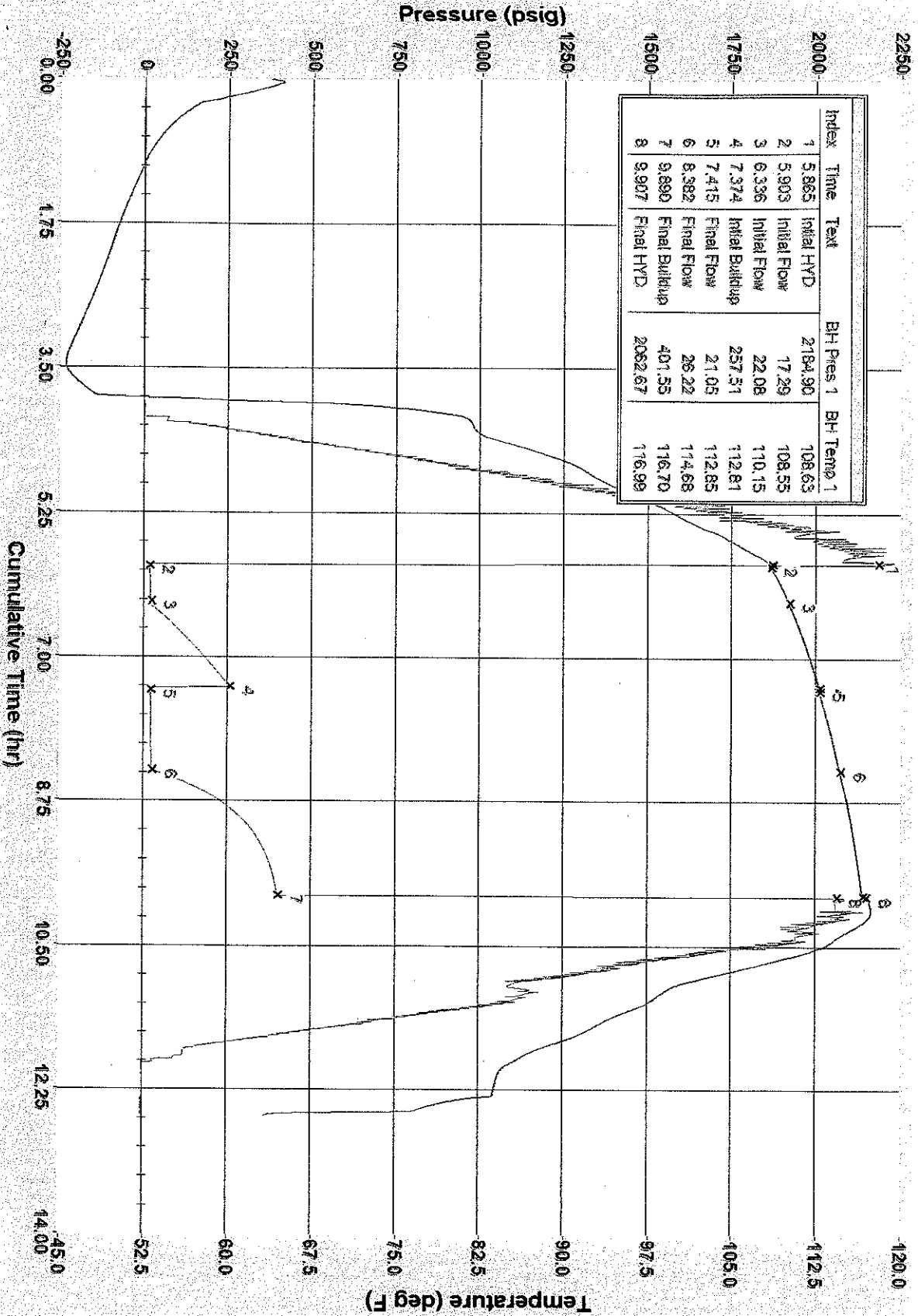
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Company Name  
Well Name  
Type of Test  
Date(s) of Test

Prickell Drilling Co., Inc.  
Shea-Nicholas #2  
DST #1 4368 to 4391  
4-26-2005

# Shea-Nicholas #2 DST #1



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*Ricketts*  
*Testing, Inc.*

ORIGINAL

Company PICKRELL DRILLING COMPANY, INC. Lease & Well No. SHEA-NICHOLAS #2  
Elevation 1673 G.L. Formation MISSISSIPPI Ticket No. 2313  
Date 4-26-05 Sec. 30 Twp. 30S Range 8W County KINGMAN State KS  
Test Approved by JERRY SMITH Ricketts Representative JIMMY RICKETTS

Formation Test No. 2 Interval Tested from 4390 ft. to 4410 ft. Total Depth 4410 ft.  
Packer Depth 4390 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Packer Depth 4387 ft. Size 6 3/4 in. Packer Depth \_\_\_\_\_ ft. Size \_\_\_\_\_ in.  
Depth of Selective Zone Set \_\_\_\_\_

Top Recorder Depth (Inside) 4395 ft. Recorder Number 11027 Cap. 4275  
Bottom Recorder Depth (Outside) 4398 ft. Recorder Number W1023 Cap. 10000  
Below Straddle Recorder Depth \_\_\_\_\_ ft. Recorder Number \_\_\_\_\_ Cap. \_\_\_\_\_

Drilling Contractor PICKRELL DRILLING RIG #1 Drill Collar Length 245 I.D. 2.25 in.  
Mud Type CHEMICAL Viscosity 62 Weight Pipe Length \_\_\_\_\_ I.D. \_\_\_\_\_ in.  
Weight 9.4 Water Loss 14.4 cc. Drill Pipe Length 4125 I.D. 3.25 in.  
Chlorides 8000 P.P.M. Test Tool Length 20 ft. Tool Size 5 1/2 in.  
Jars: Make \_\_\_\_\_ Serial Number \_\_\_\_\_ Anchor Length 20 ft. Size 5 1/2 in.  
Did Well Flow? NO Reversed Out NO Surface Choke Size 3/4 in. Bottom Choke Size 3/4 in.  
Gravity Oil \_\_\_\_\_ Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 XH in.

Blow: WEAK BLOW BUILDING TO A STRONG BLOW IN 15 MINUTES INITIAL FLOW PERIOD. STRONG BLOW  
THROUGHOUT FINAL FLOW PERIOD.

Recovered 600 ft. of GAS  
Recovered 10 ft. of MUD  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_  
Recovered \_\_\_\_\_ ft. of \_\_\_\_\_

Remarks: \_\_\_\_\_

Time Set Packer (s) 10:27 P. M. Time Started Off Bottom 2:27 A. M. Maximum Temperature 116°  
Initial Hydrostatic Pressure .....(A) 2244 P.S.I.  
Initial Flow Period .....Minutes 30 (B) 24 P.S.I. to  
(C) 23 P.S.I.  
Initial Closed In Period .....Minutes 60 (D) 436 P.S.I.  
Final Flow Period .....Minutes 60 (E) 13 P.S.I. to  
(F) 26 P.S.I.  
Final Closed In Period .....Minutes 90 (G) 433 P.S.I.  
Final Hydrostatic Pressure .....(H) 2101 P.S.I.

## Pressure Test Report

### COMPANY INFORMATION

|                |                             |
|----------------|-----------------------------|
| Company Name   | Pickrell Drilling Co., Inc. |
| Representative | Jerry Smith                 |
| Phone          |                             |
| Fax            |                             |
| Address        |                             |

E-Mail Address  
Service Company

### WELL INFORMATION

|                                         |                      |
|-----------------------------------------|----------------------|
| Well Name                               | Shea-Nicholas #2     |
| Well Location                           | 30-30S-8W C SE SW    |
| Field and Pool                          | Spivey-Grabs-Basil   |
| Status (Oil, Gas, Water, Injection)     | Oil and Gas          |
| Perforated Intervals                    |                      |
| Mid-point of Perforated Intervals (MPP) |                      |
| Drilling Rig Number                     | Pickrell Drilling #1 |
| Elevations                              |                      |
| Kelly Bushing (KB)                      | 1678 KB              |
| Casing Flange (CF)                      |                      |
| KB-CF                                   |                      |
| Ground Level                            | 1673 GL              |
| Plug Back Total Depth                   |                      |
| Total Depth                             | 4410                 |
| Production Casing                       |                      |
| Production Tubing                       |                      |

### TEST INFORMATION

|                                   |                    |
|-----------------------------------|--------------------|
| Type of Test                      | DST #2 4390to 4410 |
| Date(s) of Test                   | 4-26-2005          |
| Dead-weight Gauge Tubing Pressure |                    |
| Dead-weight Gauge Casing Pressure |                    |
| Shut-in Date (Duration)           | 4-26-2005          |
| Date / Time on Bottom             | 4-26-2005 10:27 pm |
| Date / Time off Bottom            | 4-27-2005 2:27 am  |

|                                      |      |
|--------------------------------------|------|
| Probe Serial Number                  |      |
| Probe Offset from End of Tool String |      |
| Run Depth at Probe Pressure Port     | 4395 |

### PRESSURE TEST RESULTS

|                                    |             |
|------------------------------------|-------------|
| Maximum Recorded Probe Pressure    | 2334.1 psig |
| Maximum Recorded Probe Temperature | 116.9 deg F |
| Final Buildup Pressure             |             |
| Gradient Survey Information        |             |
| Extrapolated Pressure to MPP       |             |
| Final Gradient at Depth            |             |
| Job Number                         |             |



**Company Name**  
**Well Name**  
**Type of Test**  
**Date(s) of Test**

Pickrell Drilling Co., Inc.  
Shea-Nicholas #2  
DST #2 4390to 4410  
4-26-2005

ORIGINAL

## **COMMENTS**

Reported By

Jimmy Ricketts

Weak blow building to strong blow in 15 minutes initial flow period. Strong blow throughout final flow period. Recovery - 600' gas and 10' mud.



Company Name Pickrell Drilling Co., Inc.  
 Well Name Shea-Nicholas #2  
 Type of Test DST #2 4390to 4410  
 Date(s) of Test 4-26-2005

ORIGINAL

| Date            | Time     | Cum. Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|-----------------|----------|------------------|-----------|--------------|
|                 |          | hr               | psig      | deg F        |
| 2005/04/26      | 22:10:15 | 4.1694           | 2045.939  | 102.857      |
| 2005/04/26      | 22:12:45 | 4.2111           | 2147.656  | 103.284      |
| 2005/04/26      | 22:15:00 | 4.2486           | 2105.077  | 103.701      |
| 2005/04/26      | 22:17:30 | 4.2903           | 2084.106  | 104.216      |
| 2005/04/26      | 22:20:15 | 4.3361           | 2169.386  | 104.727      |
| 2005/04/26      | 22:22:45 | 4.3778           | 2164.944  | 105.183      |
| 2005/04/26      | 22:25:00 | 4.4153           | 2118.613  | 105.494      |
| Initial HYD     |          |                  |           |              |
| 2005/04/26      | 22:26:30 | 4.4403           | 2244.305  | 105.669      |
| 2005/04/26      | 22:27:45 | 4.4611           | 2226.393  | 105.953      |
| Initial Flow    |          |                  |           |              |
| 2005/04/26      | 22:29:15 | 4.4861           | 24.851    | 105.931      |
| 2005/04/26      | 22:30:15 | 4.5028           | 28.181    | 106.131      |
| 2005/04/26      | 22:32:45 | 4.5444           | 23.117    | 106.711      |
| 2005/04/26      | 22:35:00 | 4.5819           | 22.124    | 107.033      |
| 2005/04/26      | 22:37:45 | 4.6278           | 22.754    | 107.326      |
| 2005/04/26      | 22:40:15 | 4.6694           | 23.026    | 107.539      |
| 2005/04/26      | 22:42:30 | 4.7069           | 23.164    | 107.717      |
| 2005/04/26      | 22:45:15 | 4.7528           | 23.344    | 107.931      |
| 2005/04/26      | 22:47:45 | 4.7944           | 23.507    | 108.115      |
| 2005/04/26      | 22:50:15 | 4.8361           | 23.650    | 108.298      |
| 2005/04/26      | 22:52:30 | 4.8736           | 23.770    | 108.459      |
| 2005/04/26      | 22:55:15 | 4.9194           | 24.000    | 108.649      |
| Initial Flow    |          |                  |           |              |
| 2005/04/26      | 22:56:30 | 4.9403           | 23.957    | 108.727      |
| 2005/04/26      | 22:57:45 | 4.9611           | 56.955    | 108.815      |
| 2005/04/26      | 23:00:00 | 4.9986           | 184.069   | 108.986      |
| 2005/04/26      | 23:02:30 | 5.0403           | 288.196   | 109.170      |
| 2005/04/26      | 23:05:15 | 5.0861           | 355.988   | 109.362      |
| 2005/04/26      | 23:07:45 | 5.1278           | 389.180   | 109.528      |
| 2005/04/26      | 23:10:00 | 5.1653           | 405.937   | 109.666      |
| 2005/04/26      | 23:12:30 | 5.2069           | 416.537   | 109.814      |
| 2005/04/26      | 23:15:15 | 5.2528           | 423.243   | 109.976      |
| 2005/04/26      | 23:17:30 | 5.2903           | 426.358   | 110.093      |
| 2005/04/26      | 23:20:15 | 5.3361           | 428.915   | 110.241      |
| 2005/04/26      | 23:22:45 | 5.3778           | 430.343   | 110.368      |
| 2005/04/26      | 23:25:15 | 5.4194           | 431.506   | 110.494      |
| 2005/04/26      | 23:27:30 | 5.4569           | 432.196   | 110.602      |
| 2005/04/26      | 23:30:15 | 5.5028           | 432.850   | 110.739      |
| 2005/04/26      | 23:32:45 | 5.5444           | 433.403   | 110.853      |
| 2005/04/26      | 23:35:00 | 5.5819           | 433.798   | 110.957      |
| 2005/04/26      | 23:37:45 | 5.6278           | 434.138   | 111.081      |
| 2005/04/26      | 23:40:15 | 5.6694           | 434.438   | 111.196      |
| 2005/04/26      | 23:42:30 | 5.7069           | 434.807   | 111.288      |
| 2005/04/26      | 23:45:00 | 5.7486           | 435.080   | 111.400      |
| 2005/04/26      | 23:47:45 | 5.7944           | 435.443   | 111.515      |
| 2005/04/26      | 23:50:00 | 5.8319           | 435.671   | 111.601      |
| 2005/04/26      | 23:52:45 | 5.8778           | 435.988   | 111.720      |
| 2005/04/26      | 23:55:15 | 5.9194           | 436.309   | 111.821      |
| Initial Buildup |          |                  |           |              |



Company Name Pickrell Drilling Co., Inc.  
Well Name Shea-Nicholas #2  
Type of Test DST #2 4390to 4410  
Date(s) of Test 4-26-2005

ORIGINAL

| Date       | Time     | Cum.Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|------------|----------|-----------------|-----------|--------------|
|            |          | hr              | psig      | deg F        |
| 2005/04/26 | 23:57:30 | 5.9569          | 436.575   | 111.911      |
| 2005/04/26 | 23:57:45 | 5.9611          | 199.468   | 111.915      |
| Final Flow |          |                 |           |              |
| 2005/04/26 | 23:58:00 | 5.9653          | 13.199    | 111.877      |
| 2005/04/27 | 00:00:00 | 5.9986          | 21.737    | 111.909      |
| 2005/04/27 | 00:02:45 | 6.0444          | 22.368    | 111.992      |
| 2005/04/27 | 00:05:15 | 6.0861          | 22.302    | 112.091      |
| 2005/04/27 | 00:07:45 | 6.1278          | 23.006    | 112.176      |
| 2005/04/27 | 00:10:00 | 6.1653          | 23.244    | 112.255      |
| 2005/04/27 | 00:12:45 | 6.2111          | 23.607    | 112.361      |
| 2005/04/27 | 00:15:15 | 6.2528          | 23.900    | 112.455      |
| 2005/04/27 | 00:17:45 | 6.2944          | 24.293    | 112.541      |
| 2005/04/27 | 00:20:00 | 6.3319          | 24.581    | 112.629      |
| 2005/04/27 | 00:22:45 | 6.3778          | 24.292    | 112.725      |
| 2005/04/27 | 00:25:00 | 6.4153          | 24.141    | 112.798      |
| 2005/04/27 | 00:27:30 | 6.4569          | 23.535    | 112.894      |
| 2005/04/27 | 00:30:15 | 6.5028          | 23.869    | 112.991      |
| 2005/04/27 | 00:32:45 | 6.5444          | 24.315    | 113.076      |
| 2005/04/27 | 00:35:00 | 6.5819          | 24.632    | 113.148      |
| 2005/04/27 | 00:37:30 | 6.6236          | 25.061    | 113.234      |
| 2005/04/27 | 00:40:15 | 6.6694          | 25.375    | 113.329      |
| 2005/04/27 | 00:42:45 | 6.7111          | 25.676    | 113.407      |
| 2005/04/27 | 00:45:00 | 6.7486          | 25.422    | 113.475      |
| 2005/04/27 | 00:47:45 | 6.7944          | 25.727    | 113.563      |
| 2005/04/27 | 00:50:15 | 6.8361          | 25.705    | 113.643      |
| 2005/04/27 | 00:52:45 | 6.8778          | 25.887    | 113.722      |
| 2005/04/27 | 00:55:00 | 6.9153          | 25.965    | 113.788      |
| Final Flow |          |                 |           |              |
| 2005/04/27 | 00:56:15 | 6.9361          | 26.095    | 113.826      |
| 2005/04/27 | 00:57:45 | 6.9611          | 24.205    | 113.875      |
| 2005/04/27 | 01:00:15 | 7.0028          | 259.733   | 113.992      |
| 2005/04/27 | 01:02:30 | 7.0403          | 361.893   | 114.098      |
| 2005/04/27 | 01:05:15 | 7.0861          | 404.977   | 114.206      |
| 2005/04/27 | 01:07:45 | 7.1278          | 417.798   | 114.296      |
| 2005/04/27 | 01:10:15 | 7.1694          | 423.100   | 114.370      |
| 2005/04/27 | 01:12:30 | 7.2069          | 425.598   | 114.429      |
| 2005/04/27 | 01:15:15 | 7.2528          | 427.387   | 114.514      |
| 2005/04/27 | 01:17:45 | 7.2944          | 428.510   | 114.584      |
| 2005/04/27 | 01:20:00 | 7.3319          | 429.182   | 114.645      |
| 2005/04/27 | 01:22:30 | 7.3736          | 429.878   | 114.714      |
| 2005/04/27 | 01:25:15 | 7.4194          | 430.435   | 114.787      |
| 2005/04/27 | 01:27:45 | 7.4611          | 430.873   | 114.849      |
| 2005/04/27 | 01:30:00 | 7.4986          | 431.174   | 114.904      |
| 2005/04/27 | 01:32:30 | 7.5403          | 431.451   | 114.964      |
| 2005/04/27 | 01:35:15 | 7.5861          | 431.747   | 115.036      |
| 2005/04/27 | 01:37:30 | 7.6236          | 431.984   | 115.086      |
| 2005/04/27 | 01:40:15 | 7.6694          | 432.235   | 115.147      |
| 2005/04/27 | 01:42:45 | 7.7111          | 432.403   | 115.212      |
| 2005/04/27 | 01:45:15 | 7.7528          | 432.513   | 115.272      |
| 2005/04/27 | 01:47:30 | 7.7903          | 432.667   | 115.324      |

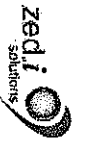


Company Name Pickrell Drilling Co., Inc.  
Well Name Shea-Nicholas #2  
Type of Test DST #2 4390to 4410  
Date(s) of Test 4-26-2005

ORIGINAL

| Date          | Time     | Cum. Time<br>BH1 | BH Pres 1 | BH Temp<br>1 |
|---------------|----------|------------------|-----------|--------------|
|               |          | hr               | psig      | deg F        |
| 2005/04/27    | 01:50:15 | 7.8361           | 432.825   | 115.385      |
| 2005/04/27    | 01:52:45 | 7.8778           | 432.745   | 115.441      |
| 2005/04/27    | 01:55:15 | 7.9194           | 432.832   | 115.495      |
| 2005/04/27    | 01:57:30 | 7.9569           | 432.986   | 115.547      |
| 2005/04/27    | 02:00:15 | 8.0028           | 433.146   | 115.615      |
| 2005/04/27    | 02:02:45 | 8.0444           | 433.214   | 115.659      |
| 2005/04/27    | 02:05:15 | 8.0861           | 433.160   | 115.713      |
| 2005/04/27    | 02:07:30 | 8.1236           | 433.194   | 115.763      |
| 2005/04/27    | 02:10:15 | 8.1694           | 433.317   | 115.815      |
| 2005/04/27    | 02:12:30 | 8.2069           | 433.173   | 115.864      |
| 2005/04/27    | 02:15:00 | 8.2486           | 433.250   | 115.920      |
| 2005/04/27    | 02:17:45 | 8.2944           | 433.254   | 115.977      |
| 2005/04/27    | 02:20:15 | 8.3361           | 433.255   | 116.022      |
| 2005/04/27    | 02:22:30 | 8.3736           | 433.356   | 116.071      |
| 2005/04/27    | 02:25:15 | 8.4194           | 433.422   | 116.125      |
| 2005/04/27    | 02:27:45 | 8.4611           | 433.428   | 116.170      |
| Final Buildup |          |                  |           |              |
| 2005/04/27    | 02:29:15 | 8.4861           | 433.475   | 116.200      |
| 2005/04/27    | 02:30:00 | 8.4986           | 433.466   | 116.218      |
| Final HYD     |          |                  |           |              |
| 2005/04/27    | 02:30:45 | 8.5111           | 2101.547  | 116.449      |
| 2005/04/27    | 02:32:45 | 8.5444           | 2145.983  | 116.712      |
| 2005/04/27    | 02:35:15 | 8.5861           | 2086.104  | 116.811      |
| 2005/04/27    | 02:37:45 | 8.6278           | 2078.599  | 116.861      |
| 2005/04/27    | 02:40:00 | 8.6653           | 2078.889  | 116.886      |
| 2005/04/27    | 02:42:45 | 8.7111           | 2107.099  | 116.886      |
| 2005/04/27    | 02:45:00 | 8.7486           | 2138.168  | 116.697      |
| 2005/04/27    | 02:47:30 | 8.7903           | 2101.978  | 116.470      |
| 2005/04/27    | 02:50:15 | 8.8361           | 2042.954  | 116.008      |
| 2005/04/27    | 02:52:45 | 8.8778           | 1975.394  | 115.770      |
| 2005/04/27    | 02:55:00 | 8.9153           | 2012.564  | 115.156      |
| 2005/04/27    | 02:57:30 | 8.9569           | 1880.307  | 114.319      |
| 2005/04/27    | 03:00:15 | 9.0028           | 1793.903  | 113.232      |
| 2005/04/27    | 03:02:45 | 9.0444           | 1720.356  | 111.963      |
| 2005/04/27    | 03:05:00 | 9.0819           | 1755.811  | 111.124      |
| 2005/04/27    | 03:07:45 | 9.1278           | 1670.613  | 110.395      |
| 2005/04/27    | 03:10:15 | 9.1694           | 1672.666  | 109.564      |
| 2005/04/27    | 03:12:45 | 9.2111           | 1619.906  | 108.538      |
| 2005/04/27    | 03:15:00 | 9.2486           | 1556.258  | 107.674      |
| 2005/04/27    | 03:17:45 | 9.2944           | 1478.816  | 106.680      |
| 2005/04/27    | 03:20:15 | 9.3361           | 1412.273  | 105.528      |
| 2005/04/27    | 03:22:30 | 9.3736           | 1301.863  | 104.340      |
| 2005/04/27    | 03:25:15 | 9.4194           | 1232.454  | 102.938      |
| 2005/04/27    | 03:27:45 | 9.4611           | 1227.932  | 101.682      |
| 2005/04/27    | 03:30:15 | 9.5028           | 1155.383  | 100.364      |
| 2005/04/27    | 03:32:30 | 9.5403           | 1044.881  | 99.255       |
| 2005/04/27    | 03:35:15 | 9.5861           | 1022.417  | 98.029       |
| 2005/04/27    | 03:37:45 | 9.6278           | 893.460   | 96.679       |
| 2005/04/27    | 03:40:00 | 9.6653           | 832.108   | 95.513       |
| 2005/04/27    | 03:42:30 | 9.7069           | 800.876   | 94.498       |

ORIGINAL



Company Name Pickrell Drilling Co., Inc.  
Well Name Shea-Nicholas #2  
Type of Test DST #2 4390b 4410  
Date(s) of Test 4-26-2005

# Shea-Nicholas #2 DST #2

