

Air Drilling  
Specialist  
Oil and Gas Wells



**M.O.K.A.T. DRILLING**  
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P.O. Box 590  
Caney, KS 67333

Operator: **CHEROKEE WELLS, LLC** Well No.: **P-8** Lease: **BURNETT HILLS RANCH** Loc.: **1/4 1/4 1/4** Sec.: **21** Twp.: **27** Rge.: **15E**

County: **WILSON** State: **KS** Type/Well: **1390'** Depth: **1390'** Hours: **6-11-13** Date Started: **6-11-13** Date Completed: **6-13-13**

Job No.: **42' 8 5/8"** Bit No.: **6 3/4"** Bit Record size: **6 3/4"** Coring Record Size: **To** % Rec.

| Driller | Casing Used | Cement Used | Bit No. | Type | size   | From | To | Bit No. | type | Size | From | To | % Rec. |
|---------|-------------|-------------|---------|------|--------|------|----|---------|------|------|------|----|--------|
| Driller | Cement Used | 8           |         |      | 6 3/4" |      |    |         |      |      |      |    |        |
| Driller | Rig No.     |             |         |      |        |      |    |         |      |      |      |    |        |
| Driller | Hammer No.  |             |         |      |        |      |    |         |      |      |      |    |        |

**Formation Record**

| From | To  | Formation          | From | To   | Formation          | From | To   | Formation             | From | To | Formation |
|------|-----|--------------------|------|------|--------------------|------|------|-----------------------|------|----|-----------|
| 0    | 25  | OVERBURDEN         | 827  | 829  | SHALE              | 1181 | 1195 | SHALE                 |      |    |           |
| 25   | 50  | SANDY SHALE        | 829  | 833  | SAND               | 1187 |      | GAS TEST (SAME)       |      |    |           |
| 50   | 155 | SHALE              | 833  | 846  | SHALE              | 1195 | 1245 | SAND (OIL ODOR) WATER |      |    |           |
| 155  | 205 | LIME               | 846  | 849  | COAL               | 1213 |      | GAS TEST (SAME)       |      |    |           |
| 205  | 287 | SHALE              | 849  | 858  | SHALE              | 1245 | 1272 | SAND SANDY SHALE      |      |    |           |
| 287  | 313 | LIMEY SHALE        | 858  | 875  | SANDY SHALE        | 1272 | 1300 | SANDY SHALE           |      |    |           |
| 313  | 350 | SHALE              | 861  |      | GAS TEST (SAME)    | 1300 | 1301 | COAL                  |      |    |           |
| 350  | 410 | LIME               | 875  | 899  | SHALE              | 1301 | 1311 | SHALE                 |      |    |           |
| 410  | 456 | SHALE              | 899  | 900  | LIME               | 1311 | 1319 | SAND                  |      |    |           |
| 456  | 457 | COAL               | 900  | 902  | COAL               | 1319 | 1354 | SHALE                 |      |    |           |
| 457  | 470 | SHALE              | 902  | 905  | SHALE              | 1354 | 1365 | CHAT (MISS)           |      |    |           |
| 470  | 477 | LIME               | 905  | 927  | LIME               | 1365 | 1390 | LIME                  |      |    |           |
| 477  | 498 | SHALE              | 911  |      | GAS TEST (SAME)    |      |      |                       |      |    |           |
| 498  | 504 | LIME               | 927  | 961  | SHALE              |      |      | T.D. 1390'            |      |    |           |
| 504  | 507 | SHALE              | 961  | 977  | LIME               |      |      |                       |      |    |           |
| 507  | 591 | LIME               | 977  | 981  | BLK SHALE          |      |      |                       |      |    |           |
| 591  | 596 | BLK SHALE          | 981  | 989  | LIME               |      |      |                       |      |    |           |
| 596  | 597 | LIME               | 987  |      | GAS TEST (SAME)    |      |      |                       |      |    |           |
| 597  | 621 | SHALE              | 989  | 996  | BLK SHALE COAL     |      |      |                       |      |    |           |
| 621  | 649 | GAS TEST (2# 1/4") | 996  | 1022 | SANDY SHALE        |      |      |                       |      |    |           |
| 649  | 656 | LIME (OIL ODOR)    | 1022 | 1079 | GAS TEST (3# 1/4") |      |      |                       |      |    |           |
| 656  | 696 | BLK SHALE          | 1079 | 1081 | SHALE              |      |      |                       |      |    |           |
| 696  | 699 | LIME (OIL ODOR)    | 1081 | 1083 | COAL               |      |      |                       |      |    |           |
| 699  | 776 | SHALE              | 1083 | 1087 | SHALE              |      |      |                       |      |    |           |
| 776  | 784 | GAS TEST (SAME)    | 1087 |      | GAS TEST (7# 1/4") |      |      |                       |      |    |           |
| 784  | 800 | LIMEY SHALE        | 1087 | 1136 | SHALE              |      |      |                       |      |    |           |
| 800  | 819 | SHALE              | 1136 | 1137 | COAL               |      |      |                       |      |    |           |
| 819  | 826 | LIME               | 1137 | 1177 | SHALE              |      |      |                       |      |    |           |
| 826  | 827 | SHALE              | 1162 |      | GAS TEST (SAME)    |      |      |                       |      |    |           |
| 827  |     | LIME               | 1177 | 1181 | BLK SHALE          |      |      |                       |      |    |           |