

Air Drilling Specialist
Oil & Gas Wells

THORNTON AIR ROTARY, LLC
Office Phone: 620-879-2073

PO Box 449
Caney, KS 67333

| | |
|----------------|------------------|
| Date Started | 6/17/2011 |
| Date Completed | 6/20/2011 |

| Well No. | Operator | Lease | A.P.I # | County | State |
|-------------|-------------------------|---------------------|---------------------------|----------------|---------------|
| 18-1 | Post Rock Energy | Moldenhauer, | 15-099-24648-00-00 | Labette | Kansas |
| | | Kenneth | | | |
| 1/4 | 1/4 | 1/4 | Sec. | Twp. | Rge. |
| | | | 18 | 37 | 19 E |

| Driller | Type/Well | Cement Used | Casing Used | Depth | Size of Hole |
|-------------|------------|-------------|------------------|------------|--------------|
| Sean | Gas | 4 | 22' 8 5/8 | 950 | 7 7/8 |

Formation Record

| | | | | | |
|---------|-----------------------------------|---------|-------------------------------|--|--|
| 0-2 | DIRT | 505 | WENT TO WATER | | |
| 2-15 | CLAY | 515-536 | SANDY SHALE | | |
| 15-68 | SHALE | 530 | GAS TEST - SAME | | |
| 68-73 | LIME | 536-639 | SHALE | | |
| 73-78 | BLACK SHALE | 639-640 | COAL ? | | |
| 78-89 | LIME | 640-700 | SHALE | | |
| 89-111 | SAND (DAMP) | 700-735 | SAND / LITE ODOR | | |
| 111-210 | SHALE | 731 | GAS TEST - SAME | | |
| 210-235 | LIME (PAWNEE) | 735-777 | SHALE | | |
| 230 | GAS TEST - NO GAS | 777-778 | COAL | | |
| 235-241 | BLK SHALE (LEXINGTON) | 778-798 | SHALE | | |
| 241-294 | SHALE | 781 | GAS TEST - SAME | | |
| 255 | GAS TEST NO GAS | 798-812 | CHAT/CHIRT (MISS.) | | |
| 294-319 | LIME (OSWEGO) | 806 | GAS TEST - SAME | | |
| 305 | GAS TEST - NO GAS | 812-830 | LMY CHIRT | | |
| 319-326 | BLK SHALE (SUMMIT) | 830-891 | LIME | | |
| 326-345 | LIME | 891-950 | CHAT/CHIRT | | |
| 345-349 | BLACK SHALE | 950 | GAS TEST-7OZ ON 1/2 =16.7 MCF | | |
| 349-350 | COAL (MULKY) | 950 | TD | | |
| 350-356 | LIME | | | | |
| 355 | GAS TEST-8 1/2 OZ, ON 1/2= 18 MCF | | | | |
| 356-415 | SHALE | | | | |
| 415-416 | COAL | | | | |
| 416-430 | SHALE | | | | |
| 430-431 | COAL | | | | |
| 431-450 | SHALE | | | | |
| 450-451 | COAL | | | | |
| 451-478 | SANDY SHALE | | | | |
| 478-479 | COAL | | | | |
| 479-515 | SHALE | | | | |