

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

| | |
|----------------|-------------------|
| Date Started | 11/9/2012 |
| Date Completed | 11/12/2012 |

| Operator | A.P.I # | County | State |
|-------------------------|---------------------------|---------------|---------------|
| Post Rock Energy | 15-133-27607-00-00 | Neosho | Kansas |

| Well No. | Lease | Sec. | Twp. | Rge. |
|-------------|-------------------------|-----------|-----------|-----------|
| 20-9 | Stich, William A | 20 | 28 | 19 |

| Type | Driller | Cement Used | Casing Used | Depth | Size of Hole |
|------------|--------------------------|-------------|------------------|------------|--------------|
| Oil | Brantley Thornton | 5 | 21' 8 5/8 | 856 | 7 7/8 |

Formation Record

| | | | | | |
|---------|-------------------|---------|---------------------|--|--|
| 0-6 | DIRT | 552-553 | COAL | | |
| 6-8 | SAND | 553-578 | SHALE | | |
| 8-42 | LIME | 578-621 | SANDY SHALE | | |
| 42-45 | BLK SHALE / COAL | 621-623 | COAL | | |
| 45-50 | LIME | 623-636 | SAND | | |
| 50-60 | SAND | 636-637 | COAL | | |
| 60-85 | SHALE | 637-645 | SANDY SHALE | | |
| 85-100 | LIME | 645-650 | SAND / LT ODOR | | |
| 100-121 | SHALE | 650-660 | SAND / GOOD ODOR | | |
| 121-142 | LIME | 660-670 | SAND / VERY LT ODOR | | |
| 142-152 | DARK SHALE / WET | 670-700 | SHALE | | |
| 152-190 | LIME | 700-730 | SAND | | |
| 190-200 | SHALE | 730-856 | SANDY SHALE | | |
| 200-205 | LIME | 856 | TD | | |
| 205-240 | SHALE | | | | |
| 240-250 | LIME | | | | |
| 250-260 | SHALE | | | | |
| 260-269 | LIME | | | | |
| 269-277 | GREEN LIME /SHALE | | | | |
| 277-348 | SAND | | | | |
| 348-352 | LIME (PAWNEE) | | | | |
| 352-353 | COAL | | | | |
| 353-395 | LIME | | | | |
| 395-420 | SHALE | | | | |
| 420-439 | SAND | | | | |
| 439-460 | LIME (OSWEGO) | | | | |
| 460-468 | BLACK SHALE | | | | |
| 468-474 | LIME | | | | |
| 474-480 | BLACK SHALE | | | | |
| 480-552 | SAND | | | | |