

Air Drilling Specialist  
Oil & Gas Wells

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

PO Box 449  
Caney, KS 67333

|                |           |
|----------------|-----------|
| Date Started   | 1/3/2014  |
| Date Completed | 1/13/2014 |

| Operator    | A.P.I #            | County | State  |
|-------------|--------------------|--------|--------|
| Colt Energy | 15-001-30838-00-00 | Allen  | Kansas |

| Well No. | Lease | Sec. | Twp. | Rge. |
|----------|-------|------|------|------|
| V10-i    | Knox  | 23   | 25   | 19   |

| Type | Driller        | Cement Used | Casing Used  | Depth | Size of Hole |
|------|----------------|-------------|--------------|-------|--------------|
| Oil  | Billy Thornton | 4           | 22' 3" 8 5/8 | 955   | 6 3/4        |

### Formation Record

|         |                 |         |                             |         |             |
|---------|-----------------|---------|-----------------------------|---------|-------------|
| 0-3     | DIRT            | 573-578 | LIME                        | 930-940 | SANDY SHALE |
| 3-10    | CLAY            | 578-587 | BLACK SHALE                 | 940-955 | SHALE       |
| 10-41   | LIME            | 587-588 | LIME                        | 955     | TD          |
| 41-67   | SHALE           | 588-600 | SANDY SHALE                 |         |             |
| 67-88   | SAND            | 600-601 | COAL                        |         |             |
| 88-140  | SHALE           | 601-615 | SANDY SHALE                 |         |             |
| 140-176 | LMY SAND        | 615-628 | LIME (OSWEGO)               |         |             |
| 176-177 | COAL            | 628-631 | BLK SHALE (SUMMIT)          |         |             |
| 177-188 | LIME            | 631-633 | LIME                        |         |             |
| 188-192 | SHALE           | 633-640 | BLK SHALE (EXCELLO)         |         |             |
| 192-196 | LIME            | 640-645 | LIME                        |         |             |
| 196-200 | BLACK SHALE     | 645-735 | SANDY SHALE                 |         |             |
| 200-208 | LIME            | 711     | WENT TO WATER               |         |             |
| 208-228 | SHALE           | 735-755 | SHALE                       |         |             |
| 228-244 | LIME            | 755-756 | COAL                        |         |             |
| 244-246 | BLACK SHALE     | 756-766 | SHALE                       |         |             |
| 246-258 | LIME            | 766-768 | COAL                        |         |             |
| 258-270 | SANDY SHALE     | 768-773 | SANDY SHALE                 |         |             |
| 270-358 | SAND (DAMP)     | 773-776 | SAND (CATTLEMAN) / OIL ODOR |         |             |
| 358-410 | SANDY SHALE     | 776-780 | SANDY SHALE                 |         |             |
| 410-437 | SHALE           | 780-790 | SAND / GOOD SHOW            |         |             |
| 437-471 | LIME            | 790-839 | SHALE                       |         |             |
| 471-473 | BLACK SHALE     | 839-842 | SAND / LT ODOR              |         |             |
| 473-520 | SHALE           | 842-862 | CORE POINT                  |         |             |
| 520-541 | SANDY SHALE     | 842-848 | SANDY SHALE                 |         |             |
| 541-544 | LIME            | 848-855 | SAND / OIL SHOW             |         |             |
| 544-546 | COAL (MULBERRY) | 855-860 | SHALE                       |         |             |
| 546-548 | SHALE           | 860-866 | SAND                        |         |             |
| 548-569 | LIME (PAWNEE)   | 866-867 | COAL                        |         |             |
| 569-573 | BLACK SHALE     | 867-930 | SHALE                       |         |             |