

Air Drilling Specialist
Oil & Gas Wells

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

PO Box 449
Caney, KS 67333

| | |
|----------------|------------------|
| Date Started | 9/12/2012 |
| Date Completed | 9/14/2012 |

| | | | |
|--------------------|---------------------------|-------------|---------------|
| Operator | A.P.I # | County | State |
| Colt Energy | 15-107-24633-00-00 | Linn | Kansas |

| | | | | |
|-------------|---------------|----------|-----------|-----------|
| Well No. | Lease | Sec. | Twp. | Rge. |
| AA-2 | Lanham | 2 | 22 | 22 |

| | | | | | |
|------------|--------------------------|-------------|---------------------|------------|--------------|
| Type | Driller | Cement Used | Casing Used | Depth | Size of Hole |
| Oil | Brantley Thornton | 4 | 21' 4" 8 5/8 | 687 | 7 7/8 |

Formation Record

| | | | | | |
|---------|---------------|---------|-------------------------|--|--|
| 0-6 | DIRT | 422-425 | LIME | | |
| 6-21 | SANDY SHALE | 425-434 | SHALE | | |
| 21-34 | LMY SAND | 434-436 | LIME | | |
| 34-40 | BLACK SHALE | 436-536 | SHALE/TRIP OUT TO 7 7/8 | | |
| 40-44 | SAND | 536-604 | SHALE | | |
| 44-59 | LIME | 604-606 | COAL | | |
| 59-63 | BLACK SHALE | 606-620 | SANDY SHALE | | |
| 63-68 | LIME | 620-622 | LIME | | |
| 68-70 | BLACK SHALE | 622-639 | SANDY SHALE | | |
| 70-85 | LIME | 639-642 | BLACK SHALE / COAL | | |
| 85-209 | SAND | 642-651 | SANDY SHALE | | |
| 209-212 | LIME | 651-652 | COAL | | |
| 212-239 | SHALE | 652-686 | SANDY SHALE | | |
| 239-241 | COAL | 686-687 | SAND | | |
| 241-258 | SANDY SHALE | 687 | TD | | |
| 258-260 | LIME | | | | |
| 260-267 | SANDY LIME | | | | |
| 267-272 | SAND | | | | |
| 272-279 | LIME | | | | |
| 279-282 | SANDY SHALE | | | | |
| 282-308 | SAND | | | | |
| 308-309 | COAL | | | | |
| 309-331 | SANDY SHALE | | | | |
| 331-345 | LIME | | | | |
| 345-363 | SHALE | | | | |
| 363-365 | COAL | | | | |
| 365-397 | SHALE | | | | |
| 397-408 | LIME | | | | |
| 408-420 | LMY SHALE MIX | | | | |
| 420-422 | SHALE | | | | |