

## Lone Jack Oil Company

Blue Mound, KS

1-913-756-2307 1-620-363-0492

Lease Welch Operator: Lone Jack Oil API # 15-011-24500-00-00Contractor: Lone Jack Oil Company Date Started: 8/13/15 Date Completed: 8/20/15Total Depth: 722 feet Well # 5 Hole Size: 5 5/8Surface Pipe: 20' 7" Surface Bit: 9 7/8 Sacks of Cement: 5

Depth of Seat Nipple: \_\_\_\_\_ Rag Packer At: \_\_\_\_\_

Length and Size of Casing: 706' - 2 7/8 Sacks of Cement: 80Legal Description: SW SE SE NE Sec: 23 Twp: 24S Range: 21E County: Bourbon

| Thickness | Depth | Type of Formation     | Core Thickness | Depth | Time |
|-----------|-------|-----------------------|----------------|-------|------|
| 1         | 1     | Top Soil              |                |       |      |
| 4         | 5     | Clay                  |                |       |      |
| 2         | 7     | Lime                  |                |       |      |
| 1         | 8     | Clay                  |                |       |      |
| 40        | 48    | Lime                  |                |       |      |
| 8         | 56    | Shale                 |                |       |      |
| 3         | 59    | Lime                  |                |       |      |
| 7         | 66    | Shale                 |                |       |      |
| 17        | 83    | Lime                  |                |       |      |
| 1         | 84    | Shale                 |                |       |      |
| 4         | 88    | Lime                  |                |       |      |
| 3         | 91    | Shale                 |                |       |      |
| 4         | 95    | Lime                  |                |       |      |
| 3         | 98    | Shale                 |                |       |      |
| 7         | 105   | Lime                  |                |       |      |
| 5         | 110   | Shale                 |                |       |      |
| 12        | 122   | Lime                  |                |       |      |
| 9         | 131   | Shale w/Lime Streaks  |                |       |      |
| 136       | 267   | Shale                 |                |       |      |
| 12        | 279   | Shale w/Lime Streaks  |                |       |      |
| 6         | 285   | Lime                  |                |       |      |
| 5         | 290   | Shale                 |                |       |      |
| 3         | 293   | Lime                  |                |       |      |
| 4         | 297   | Shale                 |                |       |      |
| 6         | 303   | Lime                  |                |       |      |
| 76        | 379   | Shale                 |                |       |      |
| 18        | 397   | Lime                  |                |       |      |
| 4         | 401   | Shale                 |                |       |      |
| 5         | 406   | Lime                  |                |       |      |
| 45        | 451   | Shale                 |                |       |      |
| 14        | 465   | Lime                  |                |       |      |
| 10        | 475   | Shale                 |                |       |      |
| 7         | 482   | Lime                  |                |       |      |
| 176       | 658   | Shale                 |                |       |      |
| 2         | 660   | Sandy Shale (Odor)    |                |       |      |
| 13        | 673   | Shale                 |                |       |      |
| 2         | 675   | Oil Sand (Good Bleed) |                |       |      |
| 7         | 682   | Black Sand            |                |       |      |
| 40        | 722   | Shale                 |                |       |      |
|           | 722   | TD                    |                |       |      |