# Tunesco Well Service

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| **Operator:** | Running Foxes Petroleum | | | **Well Number:** | Groves 7-32A-2 | | |
| **Spud Date:** | 3/19/2015 | **Completion Date:** | 3/24/2015 | **Bit Size:** | 6 3/4'' | Surface Size: | 8 5/8'' @20' |

| Depth | Lithology | Remarks | Casing Tally |
|---|---|---|---|
| 0-1 | SOIL/CLAY | | 27.7 |
| 1-20 | LIMESTONE/CLAY | | 32.4 |
| 20-26 | LIMESTONE | | 31.55 |
| 26-62 | SHALE | | 32.55 |
| 62-85 | LIMESTONE | | 31.55 |
| 85-91 | SHALE | | 31 |
| 91-93 | LIMESTONE | | 32.75 |
| 93-157 | SHALE | | 31.3 |
| 157-159 | SHALY LIMESTONE | | 32.7 |
| 159-205 | LIMESTONE | PAWNEE | 32.6 |
| 205-215 | SHALE | | 31.65 |
| 215-217 | LIMESTONE | | 30.9 |
| 217-223 | BLACK SHALE | ANNA | 28.9 |
| 223-263 | SHALE | | 29.5 |
| 263-280 | LIMESTONE | FORT SCOTT (OIL ODOR AT 277') | 32.65 |
| 280-287 | SHALE | | 33 |
| 287-290 | LIMESTONE | OSWEGO | 30.65 |
| 290-293 | BLACK SHALE | EXCELLO | 31.3 |
| 293-300 | SHALE | | 32.55 |
| 300-320 | SANDY SHALE | SQUIRREL (NO SHOW OR ODOR) | 31.48 |
| 320-403 | SHALE | | 31.26 |
| 403-405 | LIMESTONE | | |
| 405-607 | SHALE | | |
| 607-625 | OIL SAND | Bartlesville (good show) | |
| 625-626 | COAL | | |
| 626-677 | SHALE | | |
| 677(TD) | LIMESTONE | Mississippian | |
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| | | TD:677' | |
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| | | Total Longstring: | 659.94 |
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| | | 1 float shoe | |
| | | 3 centralizers | |
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