



Operator:
N & W Enterprises, Inc.
Fort Scott, KS 66701

Meyer Inj. 14
Crawford County
33-28-22E
API # 15-037-22366-00-00

| | | | |
|------------------------|------------|-------------------------|------------|
| Spud Date: | 10/27/2017 | Surface Bit: | 9.875" |
| Surface Casing: | 7.0" | Drill Bit: | 5.875" |
| Surface Length: | 20' | Longstring: | 429.60' |
| Surface Cement: | 4 sx | Longstring Date: | 10/30/2017 |
| Longstring: | 2 7/8 EUE | | |

Driller's Log

| Top | Bottom | Formation | Comments |
|----------------|----------------|-------------|--|
| 0 | 2 | Soil | |
| 2 | 7 | Clay | |
| 7 | 12 | Lime | |
| 12 | 28 | Shale | Sandy Shale |
| 28 | 94 | Shale | |
| 94 | 132 | Lime | |
| 132 | 152 | Shale | |
| 152 | 191 | Sandy Shale | |
| 191 | 193 | Coal | |
| 193 | 200 | Shale | |
| 200 | 219 | Lime | |
| 219 | 227 | Shale | |
| 227 | 232 | Lime | |
| 232 | 234 | Shale | Blk |
| 234 | 291 | Shale | |
| 291 | 293 | Coal | |
| 293 | 403 | Sand | Fair bleed, good odor, soft brown sand |
| 403 | 411 | Sand | Soft, good bleed, some blk. Sand |
| 411 | 435 | Shale | |
| 435 | | TD | |