
McGOWN

DRILLING, INC.

Operator:
N & W Enterprises, Inc.

Meyer #36
Crawford Co., KS
33-28-22E
API # 15-037-22392-00-00

| | | | |
|------------------------|-----------|-------------------------|-----------|
| Spud Date: | 6/11/2018 | Surface Bit: | 9.875" |
| Surface Casing: | 7.0" | Drill Bit: | 5.875" |
| Surface Length: | 20' | Longstring: | 417.10' |
| Surface Cement: | 4 sx | Longstring Date: | 6/12/2018 |
| Longstring: | 2 7/8 | | |

Driller's Log

| Top | Bottom | Formation | Comments |
|------------|--------|-------------|----------------------------------|
| 0 | 2 | Soil | |
| 2 | 9 | Clay | |
| 9 | 12 | Lime | |
| 12 | 79 | Shale | |
| 79 | 81 | Lime | |
| 81 | 82 | Blk. Shale | |
| 82 | 85 | Shale | |
| 85 | 116 | Lime | |
| 116 | 141 | Shale | |
| 141 | 145 | Sandy Shale | |
| 145 | 182 | Shale | |
| 182 | 203 | Lime | |
| 203 | 211 | Shale | |
| 211 | 216 | Lime | |
| 216 | 300 | Shale | |
| 300 | 302 | Coal | |
| 302 | 313 | Limey Shale | |
| 313 | 314 | Lime | |
| 314 | 375 | Shale | |
| 375 | 376 | Coal | |
| 376 | 388 | Sand | Good bleed, good odor, soft sand |
| 388 | 390 | Sand | Blk. Sand, fair bleed, good odor |
| 390 | 420 | Shale | |
| 420 | | TD | |