

McGOWAN

DRILLING, INC.

Mound City, KS

620.224.7406

| Well # | | | | Casing | | | |
|--------------------------------------|--|-----------------|--|----------------|---------|-------------------|-----------|
| Forrester #17 | | | | Surface | | Longstring | |
| N & W Enterprises, Inc. | | | | Size: | 8.0 " | Size: | 2 7/8 " |
| API #: 15-037-22411 S-T-R: 34-28-22E | | | | Tally: | 20 ' | Tally: | 419.8 ' |
| County: Crawford | | Date: 9/24/2019 | | Cement: | 6 sx | Bit: | 5.875 " |
| | | | | Bit: | 9.875 " | Date: | 9/25/2019 |

| Top | Base | Formation | | Top | Base | Formation |
|-----|------|-------------|-------------|-----|------|-----------|
| 0 | 1 | Soil | | | | |
| 1 | 16 | Sand stone | | | | |
| 16 | 72 | Shale | | | | |
| 72 | 75 | Lime | | | | |
| 75 | 80 | Shale | | | | |
| 80 | 110 | Lime | | | | |
| 110 | 178 | Shale | | | | |
| 178 | 198 | Lime | | | | |
| 198 | 206 | Shale | | | | |
| 206 | 213 | Lime | | | | |
| 213 | 299 | Shale | | | | |
| 299 | 300 | Coal | | | | |
| 300 | 312 | Shale | | | | |
| 312 | 315 | Lime | | | | |
| 315 | 371 | Shale | | | | |
| 371 | 372 | Coal | | | | |
| 372 | 375 | Sandy shale | slight odor | | | |
| 375 | 385 | Sand | | | | |
| 385 | 386 | Sandy shale | | | | |
| 386 | 422 | Shale | | | | |
| 422 | | TD | | | | |
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| | | | | Sand / Core Detail | | |
|---------------------|--|--|--|--------------------|----------|-----------------------------------|
| | | | | Core #1: | Core #2: | |
| | | | | 375 | 385 | Good odor, soft sand, good bleed. |
| | | | | 385 | 386 | Sandy shale |
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| Total Depth: | | | | 422 | | |