
McGOWN

DRILLING, INC.

Operator:
RJ Energy, LLC
Garnett, KS

Martin #8-1
Anderson Co, KS
30-22-19E
API #: 003-26597-00-00

| | | | |
|------------------------|-----------|-------------------------|----------|
| Spud Date: | 6/7/2017 | Surface Bit: | 9.875" |
| Surface Casing: | 7.0" | Drill Bit: | 5.875" |
| Surface Length: | 21.20' | Longstring: | 895.20' |
| Surface Cement: | 4 sx | Longstring Date: | 6/8/2017 |
| Longstring: | 2 7/8 EUE | | |

Driller's Log

| Top | Bottom | Formation | Comments |
|-----|--------|-------------|----------|
| 0 | 2 | Soil & Rock | |
| 2 | 24 | Lime | |
| 24 | 30 | Shale | |
| 30 | 40 | Lime | |
| 40 | 145 | Shale | |
| 145 | 157 | Lime | |
| 157 | 167 | Shale | |
| 167 | 171 | Lime | |
| 171 | 215 | Shale | |
| 215 | 271 | Lime | |
| 271 | 288 | Shale | |
| 288 | 230 | Lime | |
| 230 | 332 | Shale | |
| 332 | 418 | Lime | |
| 418 | 421 | Shale | |
| 421 | 430 | Lime | |
| 430 | 433 | Shale | |
| 433 | 450 | Lime | |
| 450 | 576 | Shale | |
| 576 | 579 | Lime | |
| 579 | 623 | Shale | |
| 623 | 649 | Lime | |
| 649 | 654 | Shale | |
| 654 | 659 | Lime | |

Martin #8-1
Anderson, Co, KS

| | | | |
|------------|-----|-----------|--|
| 659 | 715 | Shale | |
| 715 | 748 | Lime | |
| 748 | 785 | Shale | |
| 785 | 787 | Lime | |
| 787 | 799 | Shale | |
| 799 | 805 | Lime | |
| 805 | 816 | Shale | |
| 816 | 830 | Sand | Broken sand, mostly shale, good odor, slic |
| 830 | 834 | Sand | Solid sand, good odor, slight bleed |
| 834 | 838 | Sand | Good odor, good bleed, slightly laminated |
| 838 | 857 | Sand | Solid sand, real good bleed |
| 857 | 859 | Sand | Laminated sand, fair bleed, slight odor, bla |
| 859 | 902 | Shale | |
| 902 | | TD | |