

HAT DRILLING
 12371 KS HWY 7
 MOUND CITY, KS 66056
 LICENSE # 33734

Schmidt 2-13
 API # 15-091-24150-00-00
 SPUD DATE 12-30-13

| Footage | Formation | Thickness | Set 42' of 7" |
|---------|-------------|-----------|-----------------------|
| 2 | Topsoil | 2 | TD 909' |
| 17 | clay | 15 | Ran 902' of 2 7/8 |
| 22 | sand/stone | 5 | |
| 51 | lime | 29 | |
| 57 | shale | 6 | |
| 85 | lime | 28 | |
| 99 | sand | 14 | |
| 126 | lime | 27 | |
| 143 | shale | 17 | |
| 145 | lime | 2 | |
| 172 | shale | 27 | |
| 182 | lime | 10 | |
| 200 | shale | 18 | |
| 206 | lime | 6 | |
| 214 | shale | 8 | |
| 220 | lime | 6 | |
| 244 | shale | 24 | |
| 254 | lime | 10 | |
| 295 | shale | 41 | |
| 298 | lime | 3 | |
| 307 | shale | 9 | |
| 315 | lime | 8 | |
| 319 | shale | 4 | |
| 336 | lime | 17 | |
| 340 | shale | 4 | |
| 379 | lime | 39 | |
| 554 | shale | 175 | |
| 559 | lime | 5 | |
| 599 | shale | 40 | |
| 602 | lime | 3 | |
| 844 | shale | 242 | |
| 849 | sandy shale | 5 | slight odor, no bleed |
| 850 | shale | 1 | |
| 854 | sandy shale | 4 | |
| 855 | shale | 1 | |
| 856 | lime | 1 | |
| 909 | shale | 53 | |