



**Operator:**  
RJ Energy, LLC  
Garnett, KS

**Fundis #4i**

Coffey Co, KS  
14-23S-16E  
API: 031-24229

**Spud Date:** 2/14/2017  
**Surface Casing:** 7.0"  
**Surface Length:** 42.80'  
**Surface Cement:** 6 sx  
**Longstring:** 2 7/8 EUE

**Surface Bit:** 9.875"  
**Drill Bit:** 5.875"  
**Longstring:** 1026.75'  
**Longstring Date:** 2/17/2017

**Driller's Log**

| Top | Bottom | Formation | Comments |
|-----|--------|-----------|----------|
| 0   | 2      | Soil      |          |
| 2   | 26     | Clay      |          |
| 26  | 30     | Gravel    |          |
| 30  | 93     | Shale     |          |
| 93  | 117    | Lime      |          |
| 117 | 126    | Sand      | White    |
| 126 | 170    | Lime      |          |
| 170 | 260    | Shale     |          |
| 260 | 388    | Lime      |          |
| 388 | 399    | Shale     |          |
| 399 | 407    | Lime      |          |
| 407 | 447    | Shale     |          |
| 447 | 515    | Lime      |          |
| 515 | 520    | Shale     |          |
| 520 | 568    | Lime      |          |
| 568 | 754    | Shale     |          |
| 754 | 789    | Lime      |          |
| 789 | 852    | Shale     |          |
| 852 | 854    | Coal      |          |
| 854 | 860    | Shale     |          |
| 860 | 875    | Lime      |          |
| 875 | 888    | Shale     |          |
| 888 | 898    | Lime      |          |
| 898 | 909    | Shale     |          |

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|             |      |             |                              |
|-------------|------|-------------|------------------------------|
| 909         | 917  | Lime        |                              |
| 917         | 948  | Shale       |                              |
| 948         | 953  | Lime        |                              |
| 953         | 998  | Shale       |                              |
| 998         | 1014 | Sand        | Good show, good bleed to pit |
| 1014        | 1035 | Sandy Shale |                              |
| <b>1035</b> |      | <b>TD</b>   |                              |