

Cell # 620-363-2683

Dale Jackson Production Co.
Box 266, Mound City, Ks 66056

Office # 913-795-2991



| | | |
|---|-----------------------|----------------------|
| Surface: 20' of 6" | Cemented: 5 Sacks | Hole Size: 8 3/4" |
| Longstring: 718' of 2 7/8" 8 round pipe | Cemented: 90 sacks | Hole Size: 5 5/8" |

| | | |
|----------|--------------|----------|
| SN: | Packer: | TD: 721' |
| Plugged: | Bottom Plug: | |

| | |
|-------------|------------------------------|
| Lease: | Alva Schendel |
| Owner: | Bobcat Oilfield Services Inc |
| OPR #: | 3895 |
| Contractor: | DALE JACKSON PRODUCTION CO. |
| OPR #: | 4339 |

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|------------------------------------|
| Well #: 11W-14 |
| Location: NW,NE,SW,SW,S24-T16-R21E |
| County: Miami |
| FSL: 1023' S |
| FEL: 4324' E |
| API#: 15-121-30476-00-00 |
| Started: 8/25/2014 |
| Completed: 8/28/2014 |

Log Well

| TKN | BTM Depth | Formation | TKN | BTM Depth | Formation |
|-----|-----------|---|-----|-----------|--|
| 3 | 3 | Top Soil | 19 | 563 | Shale |
| 5 | 8 | Clay | 8 | 571 | Lime |
| 20 | 28 | Lime | 11 | 582 | Shale (Limey) |
| 3 | 31 | Black Shale | 15 | 597 | Shale |
| 3 | 34 | Shale | 2 | 599 | Coal |
| 11 | 45 | Lime | 3 | 602 | Shale |
| 8 | 53 | Lime (Shaley) | 7 | 609 | Lime |
| 18 | 71 | Lime | 1 | 610 | Shale (Limey)(Oil Sand Stks)(Poor Bleed) |
| 5 | 76 | Shale | 3 | 613 | Sandy Shale (Oil Sand Stks)(Poor Bleed) |
| 3 | 79 | Red Bed | 12 | 625 | Shale |
| 9 | 88 | Shale | 3 | 628 | Lime |
| 11 | 99 | Sandy Shale | 3 | 631 | Coal |
| 17 | 116 | Lime | 23 | 654 | Shale (Limey) |
| 37 | 153 | Sandy Shale | 2 | 656 | Lime |
| 53 | 206 | Shale | 3 | 659 | Shale (Limey) |
| 19 | 225 | Lime | 2 | 661 | Coal |
| 7 | 232 | Shale | 5 | 666 | Shale (Limey) |
| 15 | 247 | Sandy Shale | 1 | 667 | Lime |
| 7 | 254 | Light Shale (Limey) | 7 | 674 | Shale (Limey) |
| 9 | 263 | Lime | 2 | 676 | Light Shale (Limey)(Oder) |
| 1 | 264 | Coal | 1 | 677 | Light Shale (Oil Sand Stks)(Poor Bleed)(Limey) |
| 15 | 279 | Shale | 1 | 678 | Oil Sand (Limey)(Some Shale)(Fair Bleed) |
| 3 | 282 | Lime | 4 | 682 | Oil Sand (Some Shale)(Good Bleed) |
| 11 | 293 | Sandy Lime (Oder) | 1 | 683 | Oil Sand (Very Shaley)(Fair Bleed) |
| 10 | 303 | Lime | 1.5 | 684.5 | Oil Sand (Some Shale)(Fair Bleed) |
| 20 | 323 | Shale | 3.5 | 688 | Oil Sand (Very Shaley)(Fair Bleed) |
| 25 | 348 | Lime | 10 | 698 | Sandy Shale (Oil Sand Stks)(Poor Bleed) |
| 2 | 350 | Black Shale | TD | 721 | Shale |
| 6 | 356 | Shale | | | |
| 23 | 379 | Lime | | | |
| 5 | 384 | Black Shale | | | |
| 3 | 387 | Lime | | | |
| 4 | 391 | Shale | | | |
| 5 | 396 | Lime | | | |
| 8 | 404 | Shale (Limey) | | | |
| 15 | 419 | Shale | | | |
| 22 | 441 | Sandy Shale | | | |
| 62 | 503 | Shale | | | |
| 3 | 506 | Light Shale (Limey) | | | SET SURFACE - 3:00 PM - 8/25/14 |
| 4 | 510 | Light Sandy Shale (Oil Sand Stks)(Poor Bleed) | | | CALLED IN 1:05 PM - TALKED TO BROOKE |
| 11 | 521 | Light Shale (Limey) | | | LONGSTRING - 718' of 2 7/8" 8' ROUND PIPE |
| 16 | 537 | Shale | | | SET TIME 2:00 PM - 8/26/14 |
| 7 | 544 | Light Shale (Limey) | | | CALLED IN 12:11 PM - TALKED TO STEVE |

