

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



Cell # 620-363-2683

Office # 913-795-2991

| | | |
|---|-----------------------|----------------------|
| Surface: 20' of 6" | Cemented: 5 Sacks | Hole Size: 8 3/4" |
| Longstring: 713' of 2 7/8" 8 round pipe | Cemented: 85 sacks | Hole Size: 5 5/8" |

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

| | |
|-------------|-----------------------------|
| Lease: | McCann |
| Owner: | Bobcat Oilfield Services |
| OPR #: | 5876 |
| Contractor: | DALE JACKSON PRODUCTION CO. |
| OPR #: | 4339 |

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| Well #: WW-17 |
| Location: NE,SE,NW,NE, S30-T16-R22E |
| County: Miami |
| FSL: 4563 |
| FEL: 1554 |
| API#: 15-121-31414-00-00 |
| Started: 12-8-17 |
| Completed: 12-12-17 |

Log

Well

| TKN | BTM Depth | Formation | TKN | BTM Depth | Formation |
|-----|-----------|------------------------------|-----|-----------|---|
| 1 | 1 | Top Soil | 4 | 590 | Sand Shale (Oil sand strks) |
| 8 | 9 | Clay | 3 | 593 | Black Shale |
| 3 | 12 | Lime | 14 | 607 | Shale |
| 4 | 16 | Black Shale | 4 | 611 | Lime |
| 12 | 28 | Lime | 5 | 616 | Black Shale |
| 8 | 36 | Shale | 19 | 635 | Shale |
| 10 | 46 | Lime | 4 | 639 | Lime Shale |
| 2 | 48 | Shale | 2 | 641 | Lime (oder) |
| 8 | 56 | Lime | 18 | 659 | Shale |
| 24 | 80 | Shale | 2 | 661 | Oil Sand (some shale)(fair bleed) |
| 16 | 96 | Lime | 3 | 664 | Oil Sand (good bleed) |
| 9 | 105 | Shale Sandy | 2 | 666 | Oil Sand (shaley)(fair bleed) |
| 17 | 122 | Shale | 1 | 667 | Shale (oil sand strks) |
| 4 | 126 | Sand | 3 | 670 | Oil Sand (some shale)(fair bleed) |
| 4 | 130 | Sand Shale | 3 | 673 | Oil Sand (good bleed) |
| 56 | 186 | Shale | 3 | 676 | Shale (oil Sand strks) |
| 24 | 210 | Lime | 3 | 679 | Sandy Shale (black sand strks) |
| 5 | 215 | Sand | TD | 721 | Shale |
| 16 | 231 | Sand Shale | | | |
| 10 | 241 | Light Shale | | | |
| 4 | 245 | Lime | | | |
| 5 | 250 | Light Shale | | | |
| 23 | 273 | Shale | | | |
| 16 | 289 | Lime | | | |
| 3 | 292 | Black Shale | | | |
| 12 | 304 | Shale | | | |
| 25 | 329 | Lime | | | |
| 5 | 334 | Black Shale | | | |
| 4 | 238 | Shale | | | |
| 22 | 360 | Lime | | | |
| 5 | 365 | Black Shale | | | |
| 17 | 382 | Lime | | | |
| 1 | 383 | Shale | | | |
| 102 | 485 | Shale | | | |
| 6 | 491 | Sandy Shale | | | |
| 43 | 534 | Shale | | | |
| 10 | 544 | Sandy Shale (oil sand strks) | | | |
| 3 | 547 | Shale | | | |
| 8 | 555 | Lime | | | SET SURFACE - 2:00 PM - 12/8/17 |
| 7 | 562 | Shale | | | CALLED IN 1:00 PM - TALKED TO BROOKE |
| 3 | 565 | Lime | | | LONGSTRING - 713' of 2 7/8" 8' ROUND PIPE |
| 18 | 583 | Shale | | | SET TIME 12:30 PM - 12/12/17 |
| 3 | 586 | Oil sand (fair bleed) | | | CALLED IN 11:30 AM - TALKED TO BROOKE |