

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

Thohoff V19
 API # 15-001-31079-00-00
 SPUD DATE 5-19-14

| Footage | Formation | Thickness | Set 21' of 8 5/8" |
|---------|--------------------|-----------|-------------------------------|
| 1 | Topsoil | 1 | TD 1112' |
| 14 | lime | 13 | Ran 1109' of 4 1/2 on 5-21-14 |
| 104 | shale | 90 | |
| 147 | lime | 43 | |
| 171 | shale | 24 | |
| 199 | lime | 28 | |
| 226 | shale | 27 | |
| 352 | lime,shale streaks | 126 | |
| 546 | shale | 194 | |
| 578 | lime | 32 | |
| 593 | shale | 15 | |
| 608 | lime | 15 | |
| 618 | shale | 10 | |
| 653 | lime | 35 | |
| 667 | shale | 14 | |
| 671 | lime | 4 | |
| 677 | shale | 6 | |
| 707 | lime | 30 | |
| 711 | shale | 4 | |
| 719 | lime | 8 | |
| 981 | shale | 262 | |
| 982 | lime, sand stone | 1 | |
| 997 | shale | 15 | |
| 999 | sand | 2 | good bleed & odor |
| 1000 | shale | 1 | |
| 1003 | sand | 3 | good bleed & odor |
| 1020 | sandy shale | 17 | little odor, little bleed |
| 1045 | sand | 25 | slight bleed, water |
| 1059 | sandy shale | 14 | |
| 1089 | shale | 30 | |
| 1112 | lime | 23 | |

Hurricane Services, Inc.
104 Prairie Plaza Parkway
Garnett, KS 66032
Office # 785-448-3100
Toll Free # 855-718-8027



Ticket No 50265
Location
Foreman Joe

Cement Service ticket

| | | | | |
|---------------------|-----------------|--------------------|---------------------|-----------|
| Date | Customer # | Well Name & Number | Sec./Township/Range | County |
| 5-21-14 | | Tobhoff V 19 | 5 24 19 | AL. |
| Customer | Mailing Address | | City | State Zip |
| Uast Petroleum inc. | | | | |

Job Type:

| | | | |
|--------------------------|---------------------------------|---------|--------|
| Hole Size: <u>26 3/4</u> | Casing TD: <u>110.9</u> | Truck # | Driver |
| Hole Depth: <u>1112</u> | Casing Size: <u>4 1/2</u> | 231 | Tom |
| Bridge Plug: | Displacement: <u>17.35</u> | 242 | Danny |
| Packer: | Displacement PSI: <u>300</u> | 110 | Alex |
| | Cement Left in Casing: <u>0</u> | 111 | Taylor |
| | | 109 | Amos |

| Quantity Or Units | Description of Services or Product | Pump charge | |
|-------------------|------------------------------------|-------------------|-----------------------|
| 30 | Mileage Pump truck #231 | \$3.25/Mile | 790. ⁰⁰ ✓ |
| 30 | Pick up #25 | 1.50 | 45. ⁰⁰ ✓ |
| 142 SK | OWC Cement | 17. ⁴⁵ | 2548. ⁰⁰ ✓ |
| 35.5 LB. | Flo Seal | 2.15 | 76. ³³ ✓ |
| 200 LB | Gal sweep | 30. ⁰⁰ | 60. ⁰⁰ ✓ |
| 1.5 hr | water truck #111 | 84. ⁰⁰ | 126. ⁰⁰ ✓ |
| 2.5 hr | water truck #109 | 84. ⁰⁰ | 210. ⁰⁰ ✓ |
| 2.5 hr | water truck #110 | 84. ⁰⁰ | 210. ⁰⁰ ✓ |
| 6500 gal | water | (circled) 013 | (circled) 84.50 |
| 1 | wire line | 50. ⁰⁰ | NC |
| 6.67 Tons | Bulk Truck minimum charge #242 | \$130/Mile | 300. ⁰⁰ ✓ |
| 1 | Plugs 4 1/2 fuel Surcharge | 38. ⁰⁰ | 235.29 ✓ |
| | | Subtotal | |
| | | Sales Tax | |
| | | Estimated Total | |

Remarks: Installed cement head. Achieved circulation. Pumped 20 hbl pad followed by 10 hbl gal sweep followed by 142 SKS OWC cement. Push pump Pumped Plug to bottom of set float shoe 750psf.

Cement to surface. Thanks!!