

Allen County, KS
Well:Trester 3-HP
Lease Owner:Haas Petro

Town Oilfield Service, Inc.
(913) 837-8400

Commenced Spudding:
06/30/2014

WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|----------------------|-------------|
| 5 | soil/clay/rock | 5 |
| 7 | lime | 12 |
| 2 | shale | 14 |
| 2 | lime | 16 |
| 86 | shale | 102 |
| 2 | lime | 104 |
| 10 | shale | 114 |
| 41 | lime | 155 |
| 22 | sandy shale and sand | 177 |
| 2 | sandy lime | 179 |
| 8 | sand | 187 |
| 2 | shale and coal | 189 |
| 4 | shale | 193 |
| 5 | lime | 198 |
| 3 | shale | 201 |
| 11 | lime | 212 |
| 21 | shale | 233 |
| 60 | lime | 293 |
| 3 | shale | 296 |
| 26 | lime | 322 |
| 4 | shale | 326 |
| 8 | lime | 334 |
| 2 | shale | 336 |
| 11 | lime | 347 |
| 5 | shale | 352 |
| 10 | lime | 362 |
| 4 | shale | 366 |
| 1 | lime | 367 |
| 4 | sand | 371 |
| 29 | sandy shale and sand | 400 |
| 10 | sandy shale | 410 |
| 75 | shale | 485 |
| 5 | sandy shale | 490 |
| 32 | shale | 522 |
| 11 | lime | 533 |
| 12 | shale | 545 |
| 11 | lime | 556 |
| 12 | shale | 568 |
| 17 | sand | 585 |
| 3 | shale | 588 |



CONSOLIDATED
Oil Well Services, LLC

269618

TICKET NUMBER 47400

LOCATION Ottawa

FOREMAN Alan Made

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--------|------------|--------------------|---------|----------|-------|--------|
| 7-2-14 | 3451 | Trester 3-HP | NW 8 | 24 | 19 | AL |

| | | |
|--|--------------------|--------------------------|
| CUSTOMER <u>Haas Petroleum</u> | | |
| MAILING ADDRESS <u>11551 Ash St</u> | | |
| CITY <u>heewood</u> | STATE <u>KS</u> | ZIP CODE <u>66211</u> |

| TRUCK # | DRIVER | TRUCK # | DRIVER |
|---------|-----------|---------|--------|
| 730 | Alan Made | Safety | Meet |
| 368 | Art McD | | |
| 369 | Mik Hag | | |
| 548 | Dan Wka | | |

| | | | |
|-----------------------------|-----------------------------|------------------------|-----------------------------------|
| JOB TYPE <u>long string</u> | HOLE SIZE <u>6 3/4</u> | HOLE DEPTH <u>1024</u> | CASING SIZE & WEIGHT <u>4 1/2</u> |
| CASING DEPTH <u>1022.50</u> | DRILL PIPE | TUBING | OTHER |
| SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING <u>yes</u> |
| DISPLACEMENT <u>16</u> | DISPLACEMENT PSI <u>800</u> | MIX PSI <u>200</u> | RATE <u>4 bpm</u> |

REMARKS: Held meeting. Established rate + circulation from pit. Mixed & pumped 100# gel with clean water followed by 10 bbl dye marker. Mixed & pumped 105 sk OWC plus 1/2 floeal per sack. Circulated dye. Finished pump. Released plug. Pumped plug to casing TD. Circulated 5 bbl cement & returns. Set float.

TDS. Chad

Alan Made

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|-----------|
| 5401 | 1 | PUMP CHARGE | 368 | 1080.00 ✓ |
| 5406 | 45 | MILEAGE | 368 | 189.00 ✓ |
| 3402 | 1022.50 | Casing footage | 368 | — ✓ |
| 5407 | min | ton miles | 548 | 368.00 ✓ |
| 3502L | 2 1/2 | 80 gal | 369 | 250.00 ✓ |
| 1126 | 10.5 | owc | 2073.75 | ✓ |
| 1118B | 100# | gel | 2200 | ✓ |
| 1107 | 26# | floeal | 64.22 | ✓ |
| | | material sub | 2159.97 | ✓ |
| | | less 30% | -647.99 | ✓ |
| | | material total | | 1511.98 ✓ |
| 4404 | 1 | 4 1/2 plug | | 47.25 ✓ |
| | | | 4262.82 | |
| | | SALES TAX | | 115.39 ✓ |
| | | ESTIMATED TOTAL | | 3566.62 ✓ |

Ravin 3737

NO company rep
Jim DK

AUTHORIZATION _____ TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.