



**#1 Baker 31B**

2235' FNL & 1090' FWL

75' N & 100' E of SE SW NW Section 31-15S-34W

Logan County, Kansas

API# 15-109-21273-0000

Elevation: 3055' GL, 3060' KB

| Sample Tops   |       |       | Ref.<br>Well |
|---------------|-------|-------|--------------|
| Anhydrite     | 2379' | +681  | +14          |
| B/Anhydrite   | 2397' | +663  | +13          |
| Stotler       | 3498' | -438  | +21          |
| Heebner       | 3861' | -801  | +24          |
| Lansing       | 3910' | -850  | +24          |
| Muncie Shale  | 4081' | -1021 | +30          |
| Stark Shale   | 4173' | -1113 | +30          |
| Hush          | 4219' | -1159 | +29          |
| BKC           | 4255' | -1195 | +31          |
| Marmaton      | 4282' | -1222 | +30          |
| Altamont      | 4312' | -1252 | +29          |
| Pawnee        | 4390' | -1330 | +28          |
| Myrick        | 4434' | -1374 | +29          |
| Fort Scott    | 4444' | -1384 | +29          |
| Cherokee      | 4470' | -1410 | +31          |
| Johnson       | 4542' | -1482 | +34          |
| Morrow        | 4601' | -1541 | +28          |
| Mississippian | 4642' | -1582 | +47          |
| RTD           | 4780' | -1720 |              |





**CONSOLIDATED**  
Oil Well Services, LLC

267502

TICKET NUMBER 44424  
LOCATION Ottawa KS  
FOREMAN ~~James~~ Miles  
Rossy

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

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

| DATE                            | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE   | COUNTY |
|---------------------------------|------------|--------------------|---------|----------|---------|--------|
| 4-18-14                         | 7173       | Baker 31-B         | 31      | 15S      | 34W     | Logan  |
| CUSTOMER<br>Ritchie Exploration |            |                    | TRUCK # | DRIVER   | TRUCK # | DRIVER |
| MAILING ADDRESS                 |            |                    | 528-118 | Jeremy R |         |        |
| CITY                            |            |                    | 379     | Jake H   |         |        |
| STATE                           |            |                    |         |          |         |        |
| ZIP CODE                        |            |                    |         |          |         |        |

JOB TYPE Production HOLE SIZE 77/8 HOLE DEPTH 4793 CASING SIZE & WEIGHT 5 1/2 15.5  
CASING DEPTH 4770 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER P-collar 2354  
SLURRY WEIGHT 14.2 SLURRY VOL 1.42 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 21'  
DISPLACEMENT 113 DISPLACEMENT PSI 1200 MIX PSI 1800 RATE \_\_\_\_\_

REMARKS: Safety meeting on well #2. Turbolizers 1-4-6-7-9-13-57-59  
Baker 31-B 37, 75, 95, 103, P-collar top at 58' @ 2364'. Rig up and  
circulate 45 min. Pump 500 gal water, 500 gal mud flush, 500 gal water. 20 sks  
Mud - 300 sks RM Mix 200 sks over with 5<sup>th</sup> Mal Seal. 1/4" CDF 26 + CAF 38  
Down casing shut down. Cleared pumps + lines. Released plug. Dropped 114<sup>th</sup>  
bbls with Deep Lift Plug landed and held @ 1800 PSI. Shut in

Thanks Miles & Crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE      | TOTAL    |
|--------------|-------------------|------------------------------------|-----------------|----------|
| 5401C        | 1                 | PUMP CHARGE                        | 3175.00         | 3175.00  |
| 5406         | 45                | MILEAGE                            | 5.25            | 236.25   |
| 5407A        | 11.8 ton          | Ton mileage delivery               | 1.25            | 929.25   |
| 1126         | 250 sks           | OWC                                | 23.20           | 5925.00  |
| 1137         | 59 #              | CDF-26                             | 10.20           | 601.80   |
| 1146         | 35 #              | CAF 38 - down well                 | 10.20           | 357.00   |
| 1110*        | 1250 #            | Roll-seal                          | 1.56            | 700.00   |
| 1144G        | 500 gal           | Mud flush                          | 1.00            | 500.00   |
| 4159         | 1                 | 5 1/2" API Flow shop               | 433.75          | 433.75   |
| 4454         | 1                 | 5 1/2" Ketchikan Assy              | 567.00          | 567.00   |
| 4136         | 8                 | 5 1/2" Turbolizers                 | 75.75           | 606.00   |
| 4104         | 4                 | 5 1/2" Baker's                     | 290.00          | 1160.00  |
| 4285         | 1                 | 5 1/2" P-collar                    | 2075.00         | 2075.00  |
|              |                   |                                    |                 | 17266.00 |
|              |                   |                                    |                 | 1726.61  |
|              |                   |                                    |                 | 15539.44 |
|              |                   |                                    | SALES TAX       | 889.93   |
|              |                   |                                    | ESTIMATED TOTAL | 16429.37 |

completed

AVEN 3737 AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 4-18-14

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.

