



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1220152  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

|                                   |                 |   |
|-----------------------------------|-----------------|---|
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1220152

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

|   |  |                              |                                  |                                 |
|---|--|------------------------------|----------------------------------|---------------------------------|
| Drill Stem Tests Taken<br><i>(Attach Additional Sheets)</i> | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Log | Formation (Top), Depth and Datum | <input type="checkbox"/> Sample |
| Samples Sent to Geological Survey                           | <input type="checkbox"/> Yes <input type="checkbox"/> No | Name                         | Top                              | Datum                           |
| Cores Taken   | <input type="checkbox"/> Yes <input type="checkbox"/> No |                              |                                  |                                 |
| Electric Log Run  | <input type="checkbox"/> Yes <input type="checkbox"/> No |                              |                                  |                                 |
| List All E. Logs Run:                                       |  |                              |                                  |                                 |

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used  |                   |                           |                   |               |                |              |                            |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. |                   |                           |                   |               |                |              |                            |
| Purpose of String   | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |
|   |                   |                           |                   |               |                |              |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |              |                            |
|---|------------------|----------------|--------------|----------------------------|
| Purpose:                                | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate      |                  |                |              |                            |
| <input type="checkbox"/> Protect Casing |                  |                |              |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |              |                            |
| <input type="checkbox"/> Plug Off Zone  |                  |                |              |                            |

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |
|                |   |  |       |

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                   |           |         |             |               |         |

|  |   |   |
|--|---|---|
| <b>DISPOSITION OF GAS:</b><br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <b>METHOD OF COMPLETION:</b><br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i><br><input type="checkbox"/> Other <i>(Specify)</i> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--|---|---|



**HYDRAULIC FRACTURING FLUID PRODUCT COMPONENT INFORMATION DISCLOSURE**



|  |                                       |
|--|---------------------------------------|
| <b>Last Fracture Date:</b>             | 8/4/2014                              |
| <b>County:</b>                         | Cowley                                |
| <b>API Number (14 Digits):</b>         | 15-035-24590-00-00                    |
| <b>Operator Name:</b>                  | Taos Resources Operating Company, LLC |
| <b>Well Name and Number:</b>           | LFJ #1                                |
| <b>Latitude:</b>                       |                                       |
| <b>Longitude:</b>                      |                                       |
| <b>Datum:</b>                          |                                       |
| <b>Production Type:</b>                | Oil                                   |
| <b>True Vertical Depth (TVD):</b>      | 3683                                  |
| <b>Total Base Fluid Volume (gal)*:</b> | 464,058                               |

**Hydraulic Fracturing Fluid Composition:**

| Trade Name  | Supplier | Purpose          | Ingredients                   | Chemical Abstract Service Number (CAS#) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Authorized Representative's Name, Address and Phone Number       |
|-------------|----------|------------------|-------------------------------|---|--|--|--|
| SP-902      |          | Friction Reducer | Hydrotreated Light Distillate | 064742-47-8                             | 35%  | 0.02%  |  |
|             |          |                  | Petroleum Distillate          | 064742-94-5                             | 40%  | 0.02%  |  |
| 15% HCL     |          | Acid             | Hydrogen Chloride             | 7647-01-0                               | 38%  | 0.86%  |  |
| AI-260      |          | Inhibitor        | Ethylene Glycol               | 107-21-1                                | 20%  | 0  |  |
|             |          |                  | N,N - Dimethyl Formamide      | 68-12-2                                 | 20%  | 0  |  |
|             |          |                  | 2-Butoxyethanol               | 111-76-2                                | 5%   | 0  |  |
| AR-104      |          | Retarder         | Methanol                      | 67-56-1                                 | Confidential   | na   | Tony Carpenter 278 CR 2706 Bartlesville, OK 74003 (918) 331-7133 |
| SR-445      |          | Surfactant       | Isopropanol                   | 67-63-0                                 | Confidential   | na   | Tony Carpenter 278 CR 2706 Bartlesville, OK 74003 (918) 331-7133 |
| Biostat 650 |          | Biocide          | Methanol                      | 67-56-1                                 | 20%  | 0  |  |
|             |          |                  | Isopropanol                   | 67-63-0                                 | 5%   | 0  |  |
| SP-950      |          | Iron Control     | Citric Acid                   | 77-92-9                                 | Confidential   | na   | Tony Carpenter 278 CR 2706 Bartlesville, OK 74003 (918) 331-7133 |

Ingredients shown above are subject to 29 CFR 1910.1200(i) and appear on Material Safety Data Sheets (MSDS). Ingredients shown below are Non-MSDS.

|                  |  |          |                               |            |  |       |  |
|------------------|--|----------|-------------------------------|------------|--|-------|--|
| 40/70 White Sand |  | Proppant | Quartz (Crystalline Silicate) | 14808-60-7 |  | 3.40% |  |
| 100 MESH         |  | Proppant | Quartz (Crystalline Silicate) | 14808-60-7 |  | 0.43% |  |
| 20/40 RC         |  | Proppant | Quartz (Crystalline Silicate) | 14808-60-7 |  | 0.28% |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |
|                  |  |          |                               |            |  |       |  |

\*Total Water Volume sources may include fresh water, produced water, and/or recycled water. \*\*Information is based on the maximum potential for concentration and thus the total may be over 100%. Ingredient information for chemicals subject to 29 CFR 1910.1200(i) and Appendix D are obtained from suppliers' Material Safety Data Sheets (MSDS).





**CONSOLIDATED**  
Oil Well Services, LLC

JUL 21 2014

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

A2

Invoice # 269318

Invoice Date: 07/17/2014 Terms: 0/30/10,n/30

Page 1

TAOS RESOURCES OPERATING, LLC  
1455 WEST LOOP SOUTH, ST. 600  
HOUSTON TX 77027  
(713)993-0774

LFJ #1  
48583  
34/32/5  
07/15/2014  
KS

| Part Number | Description             | Qty    | Unit Price | Total   |
|-------------|-------------------------|--------|------------|---------|
| 1104S       | CLASS "A" CEMENT (SALE) | 165.00 | 15.7000    | 2590.50 |
| 1102        | CALCIUM CHLORIDE (50#)  | 465.00 | .7800      | 362.70  |
| 1118B       | PREMIUM GEL / BENTONITE | 310.00 | .2200      | 68.20   |
| 1107        | FLO-SEAL (25#)          | 83.00  | 2.4700     | 205.01  |
| 4432        | 8 5/8" WOODEN PLUG      | 1.00   | 84.0000    | 84.00   |

| Sublet Performed | Description              | Total   |
|------------------|--------------------------|---------|
| 9996-180         | CEMENT MATERIAL DISCOUNT | -967.77 |

| Description                     | Hours  | Unit Price | Total   |
|---------------------------------|--------|------------|---------|
| 603 CEMENT PUMP                 | 1.00   | 1085.00    | 1085.00 |
| 603 EQUIPMENT MILEAGE (ONE WAY) | 50.00  | 4.20       | 210.00  |
| 603 TON MILEAGE DELIVERY        | 390.00 | 1.41       | 549.90  |

WELL ID/AFE # 175 D S 17  
 CODE B30-130  
 (NORR) [Signature]  
 APPROVAL

Amount Due 5367.17 if paid after 07/27/2014

|        |         |           |     |         |         |    |         |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 3310.41 | Freight:  | .00 | Tax:    | 149.92  | AR | 4337.46 |
| Labor: | .00     | Misc:     | .00 | Total:  | 4337.46 |    |         |
| Sublt: | -967.77 | Supplies: | .00 | Change: | .00     |    |         |

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK  
918/338-0808

EL DORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7684

PONCA CITY, OK  
580/762-2303

OAKLEY, KS  
785/672-8822

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/686-4914

CUSHING, OK  
918/225-2650





20589



**CONSOLIDATED**  
Oil Well Services, LLC

**RECEIVED**  
JUL 29 2014  
BY: *[Signature]*

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 269512

Invoice Date: 07/24/2014 Terms: 0/30/10,n/30

Page 1

TAOS RESOURCES OPERATING, LLC  
1455 WEST LOOP SOUTH, ST. 600  
HOUSTON TX 77027  
(713)993-0774

LFJ #1  
46365  
34/32/5E  
07/20/2014  
KS

| Description        | Hours   | Unit Price | Total  |
|--------------------|---------|------------|--------|
| MIN. BULK DELIVERY | 1.00    | 368.00     | 368.00 |
| CASING FOOTAGE     | 2171.00 | .23        | 499.33 |

| Part Number | Description              | Qty     | Unit Price | Total   |
|-------------|--------------------------|---------|------------|---------|
| 1104S       | CLASS "A" CEMENT (SALE)  | 275.00  | 15.7000    | 4317.50 |
| 1102        | CALCIUM CHLORIDE (50#)   | 450.00  | .7800      | 351.00  |
| 1118B       | PREMIUM GEL / BENTONITE  | 850.00  | .2200      | 187.00  |
| 1110A       | KOL SEAL (50# BAG)       | 1400.00 | .4600      | 644.00  |
| 1144G       | MUD FLUSH (SALE)         | 500.00  | 1.1000     | 550.00  |
| 4114        | RECIPROCATING CEMENT BAS | 3.00    | 290.0000   | 870.00  |
| 4136        | TURBOLIZER 5 1/2"        | 7.00    | 75.7500    | 530.25  |
| 4159        | FLOAT SHOE AFU 5 1/2"    | 1.00    | 361.0000   | 361.00  |
| 4454        | 5 1/2" LATCH DOWN PLUG   | 1.00    | 266.7500   | 266.75  |

| Sublet Performed | Description              | Total    |
|------------------|--------------------------|----------|
| 9996-180         | CEMENT MATERIAL DISCOUNT | -1814.85 |

| Description                     | Hours | Unit Price | Total   |
|---------------------------------|-------|------------|---------|
| 603 CEMENT PUMP                 | 1.00  | 1085.00    | 1085.00 |
| 603 EQUIPMENT MILEAGE (ONE WAY) | 45.00 | 4.20       | 189.00  |

\* 175D517  
 CODE 830-130  
 NORR  
 APPROVED

Amount Due 10735.79 if paid after 08/03/2014

|        |          |           |     |         |         |    |         |
|--------|----------|-----------|-----|---------|---------|----|---------|
| Parts: | 8077.50  | Freight:  | .00 | Tax:    | 400.81  | AR | 8804.79 |
| Labor: | .00      | Misc:     | .00 | Total:  | 8804.79 |    |         |
| Sublt: | -1814.85 | Supplies: | .00 | Change: | .00     |    |         |

Signed

Date





**CONSOLIDATED**  
Oil Well Services, LLC

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

269512

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

TICKET NUMBER 16385  
LOCATION 180  
FOREMAN Jacob Storm

AD 15-035-24390-00-00

| DATE  | CUSTOMER # | WELL NAME & NUMBER    | SECTION                                | TOWNSHIP | RANGE | COUNTY |
|---|------------|-----------------------|--|----------|-------|--------|
| 7-20-14   | 2871       | <del>LFJ</del> LFJ #1 | 34                                     | 32       | SE    | Conley |
| CUSTOMER <u>TAOS</u>                                      |            |                       | TRUCK #                                |          |       |        |
| MAILING ADDRESS <u>1455 West Loop South, Ste 600</u>      |            |                       | DRIVER <u>Jeremy</u>                   |          |       |        |
| CITY <u>Houston</u> STATE <u>TX</u> ZIP CODE <u>77054</u> |            |                       | TRUCK # <u>713</u> DRIVER <u>Tracy</u> |          |       |        |
|   |            |                       | TRUCK # <u>702</u> DRIVER <u>Jacob</u> |          |       |        |

JOB TYPE Long string B HOLE SIZE 7 7/8 HOLE DEPTH 3683 CASING SIZE & WEIGHT 5 1/2 15.5 lb  
 CASING DEPTH 3674.51 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.7 SLURRY VOL 7.997 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 42 ft  
 DISPLACEMENT 82.38 DISPLACEMENT PSI 1000 MIX PSI 300 RATE 6.6

REMARKS: Salty meating, Run pipe centralizer on 2, 6, 10, 14, 18, 24, 30,  
Baskets on 2, 15, 28, curcuate hole for min pump 5 bbl water  
500 gal dr 1100 5 bbl water mix 250 Skes class A 3/gal  
2 1/2 c Sk Kol-seal, displace with 82.38 hbl landing plug at psi 1500  
check float, float held plug Rat hole with 125 Skes class A

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL      |
|--------------|-------------------|------------------------------------|------------|------------|
| 5401         |                   | PUMP CHARGE                        | 1085.00    | 1085.00 ✓  |
| 5406         | 4.5               | MILEAGE                            | 4.20       | 189.00 ✓   |
| 5407         | 1                 | min bulk delivery                  | 368.00     | 368.00 ✓   |
| 5402         | 2171              | fratage                            | .23        | 499.33 ✓   |
| 11045        | 275               | class A                            | 15.70      | 4317.50 ✓  |
| 1102         | 450               | calcium chloride                   | .78        | 351.00 ✓   |
| 1118 B       | 850               | gel                                | .22        | 187.00 ✓   |
| 1110A        | 1400              | Kol-seal                           | .46        | 644.00 ✓   |
| 1144G        | 500               | Du1100                             | 1.10       | 550.00 ✓   |
| 4114         | 3                 | 5 1/2 Baskets                      | 290.00     | 870.00 ✓   |
| 4136         | 7                 | 5 1/2 parabolizer                  | 75.75      | 530.25 ✓   |
| 4159         | 1                 | 5 1/2 AFlu shoe                    | 361.00     | 361.00 ✓   |
| 4454         | 1                 | 5 1/2 latch down plug              | 266.75     | 266.75 ✓   |
|              |                   | Subtotal                           |            | 10218.83 ✓ |
|              |                   | discount                           |            | 184.85 ✓   |
|              |                   |                                    |            | 8403.98 ✓  |
|              |                   | SALES TAX                          |            | 400.81 ✓   |
|              |                   | ESTIMATED TOTAL                    |            | 8804.79 ✓  |

Revin 3737

AUTHORIZATION [Signature] 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.