



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1179036  
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: \_\_\_\_\_

1179036

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> <input type="checkbox"/> Other <i>(Specify)</i> _____<br><input type="checkbox"/> Other <i>(Specify)</i> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--|---|---|

|           |                                      |
|-----------|--------------------------------------|
| Form      | ACO1 - Well Completion               |
| Operator  | PostRock Midcontinent Production LLC |
| Well Name | EBY 4-16                             |
| Doc ID    | 1179036                              |

All Electric Logs Run

|      |
|------|
|      |
| DIL  |
| CDL  |
| NDL  |
| TEMP |
| CBL  |



**PostRock**  
Energy Corporation

211 W. 14TH STREET,  
CHANUTE, KS 66720  
620-431-9500

TICKET NUMBER **8070**  
FIELD TICKET REF # \_\_\_\_\_  
FOREMAN Nathan Gahman  
AFE D13105  
SSI \_\_\_\_\_  
API 15-205-28168-00-00

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

| DATE                 | WELL NAME & NUMBER |             | SECTION       | TOWNSHIP   | RANGE        | COUNTY         |                       |
|----------------------|--------------------|-------------|---------------|------------|--------------|----------------|-----------------------|
| 6-12-13              | Eby 4-16           |             | 4             | 275        | 15E          | Wilson         |                       |
| FOREMAN/<br>OPERATOR | TIME<br>IN         | TIME<br>OUT | LESS<br>LUNCH | TRUCK<br># | TRAILER<br># | TRUCK<br>HOURS | EMPLOYEE<br>SIGNATURE |
| Nathan Gahman        | 11:00              | 6:00        |               | 905575     |              | 7              | <i>Nathan Gahman</i>  |
| Chris Kincaid        | 11:00              | 5:30        |               | 903142     | 932900       | 6.5            | <i>Chris Kincaid</i>  |
| Greg Blackmore       | 11:00              | 5:30        |               | 904815     |              | 6.5            | <i>Greg Blackmore</i> |
|                      |                    |             |               |            |              |                |                       |
|                      |                    |             |               |            |              |                |                       |
|                      |                    |             |               |            |              |                |                       |
|                      |                    |             |               |            |              |                |                       |

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1320 CASING SIZE & WEIGHT 5 1/2, 14#  
 CASING DEPTH 1316.54 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER Gus Jones rig  
 SLURRY WEIGHT 13.9 SLURRY VOL 60 WATER gal/sk \_\_\_\_\_ CEMENT LEFT IN CASING 0  
 DISPLACEMENT 32.1 DISPLACEMENT PSI 600 MIX PSI Bump Plug 1100 RATE 4.0

REMARKS: On location at 12:00. Spotted trucks with dozer. Dug trench with dozer. Ready to run casing at 12:45. Washed in final 10'. Ready to cement at 2:30 See COLS ticket for cement job details. Good circulation at all times. Good cement return to surface.

Trace oil show. No top off needed

| ACCOUNT CODE | QUANTITY OR UNITS | DESCRIPTION OF SERVICE OR PRODUCT                       | TOTAL AMOUNT |
|--------------|-------------------|---|--------------|
| 905575       | 1                 | Foreman Pickup  |              |
|              |                   | Cement Pump Truck                                       |              |
|              |                   | Bulk Truck  |              |
|              |                   | Transport Truck   |              |
|              |                   | Transport Trailer                                       |              |
| 931150       | 1                 | <del>80 Yr</del> Dozer                                  |              |
| 903142       | 1                 | Casing Truck  |              |
| 932900       | 1                 | Casing Trailer  |              |
|              | 1316.54'          | Casing  |              |
|              | 6                 | Centralizers  |              |
|              | 1                 | Float Shoe  |              |
|              | 1                 | Wiper Plug  |              |
|              |                   | Frac Baffles  |              |
|              |                   | Portland Cement   |              |
|              |                   | CSA-122 Sodium Silicate                                 |              |
|              | 10 gal            | <del>ECL-115 Cement Fluid Loss</del> <u>Gamma 9 Gel</u> |              |
|              | 8 sks             | Premium Gel   |              |
|              |                   | Cal Chloride  |              |
|              |                   | City Water  |              |
|              |                   | Chemthix-P Thixotropic                                  |              |
|              |                   | KOL Seal  |              |
|              | 2 sk              | Cotton Seed Hulls                                       |              |



**CONSOLIDATED**  
Oil Well Services, LLC

Job # 513105  
AP# # 15-205-23168

TICKET NUMBER 41607  
LOCATION Forata, KS  
FOREMAN Shannon Lock

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 |
|------------------------------------|------------|--------------------|------------|----------|-----------------|--------|
| 6-12-13                            | 6628       | Eby 4-16           |            |          |                 | Wilson |
| CUSTOMER<br>Post Rock Energy Corp  |            |                    | LOUS Jones |          |                 |        |
| MAILING ADDRESS<br>4402 Johnson Rd |            |                    | TRUCK #    | DRIVER   | TRUCK #         | DRIVER |
| CITY<br>Chanute                    |            |                    | 445        | Dave G   |                 |        |
| STATE<br>KS                        |            |                    | 611        | Jory K   |                 |        |
| ZIP CODE                           |            |                    | 45217103   | Jim M    |                 |        |
|                                    |            |                    | 77         | Rudy M   | meccoy trucking | 50 Bbl |

JOB TYPE L/S HOLE SIZE 7 7/8 HOLE DEPTH 1320' CASING SIZE & WEIGHT 5 1/2" @ 14"  
CASING DEPTH 1316.5' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 13.9 #/gal SLURRY VOL 600 Bbl WATER gal/sk 600 CEMENT LEFT in CASING 0  
DISPLACEMENT 32 1/2 Bbl DISPLACEMENT PSI 600 MIX PSI 1100 RATE Displace @ 4 BPM

REMARKS: Rig up to 5 1/2" casing, wash down 5' w/ 70 Bbl H2O, mixed 700# gel flush w/ 7 SKS bulls, 10 gallons Gamma Gel flush, 3 Bbl H2O spacer, mixed 225 SKS 50/50 portmix cement w/ 2% gel, 2% calcium, 3# cal-seal/sk, 5# kol-seal/sk, 1# phenoseal/sk & 1/4% CFL-115 @ 13.9 #/gal. Shot down wash out pump & lines. Displace w/ 32 1/2 Bbl H2O, Final Pumping Pressure of 600psi. Bumped plug @ 1100 psi. Plug & float held, Good circulation @ all times, 7 Bbl slurry to pit, Job complete.

"Thanks Shannon & Crew"

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT    | UNIT PRICE      | TOTAL   |
|--------------|-------------------|---------------------------------------|-----------------|---------|
| 5401         | 1                 | PUMP CHARGE                           | 1085.00         | 1085.00 |
| 5406         | 50                | MILEAGE                               | 4.20            | 210.00  |
| 1124         | 225 SKS           | 50/50 portmix cement                  | 11.50           | 2587.50 |
| 1118B        | 378 #             | 60 @ 2%                               | .22             | 83.16   |
| 1102         | 378 #             | Calcium @ 2%                          | .78             | 294.84  |
| 1101         | 675 #             | cal-seal @ 3#/sk                      | .42             | 283.50  |
| 1110A        | 1125 #            | Kol-seal @ 5#/sk                      | .46             | 517.50  |
| 1107A        | 225 #             | Phenoseal @ 1#/sk                     | 1.35            | 303.75  |
| 1135A        | 50 #              | CFL-115 @ 1/4%                        | 11.08           | 554.00  |
| 5407A        | 10.8 Tons         | Ten mileage bulk truck                | 1.41            | 761.40  |
| 5501C        | 4.5 Hrs           | Water Transport                       | 120.00          | 540.00  |
| 5502C        | 4.5 Hrs           | 80 Bbl vac truck # 77 Meccoy Trucking | 90.00           | 405.00  |
| 1123         | 8500 gal          | city H2O                              | 17.30/1000      | 147.05  |
|              |                   |                                       | Subtotal        | 7772.10 |
|              |                   |                                       | 6.2% SALES TAX  | 300.59  |
|              |                   |                                       | ESTIMATED TOTAL | 8073.29 |

Ravin 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.

# GUS JONES, LLC

Cable Tool Service  
149 RD 25 • Elk City, KS 67344  
(620) 642-6315

## JOB SHEET

APP-013105

|              |            |             |                 |
|--------------|------------|-------------|-----------------|
| Date 6-12-13 | Start Time | Finish Time | Total Time 6 Hr |
|--------------|------------|-------------|-----------------|

Orderd by : New well wilson co      Lease : LBY

Company : Post Rock      Well # : 4-16

Type of Job or Rig : 3

Job Description : Drive to loc Rig up Run in 5 1/2 casing  
Recip while cementing land clamp Rig down

*Noted*

Fishing Tool or Packer Rental Charges \$ \_\_\_\_\_

Power Tong Charge \$ 50 (Per Trip In or Out) Number of trips 1

Parts Used : Supplied By G.J.  Economy  Other \_\_\_\_\_

|                    |                       |
|--------------------|-----------------------|
| Valve Cups _____   | Working Barrels _____ |
| Ball & Seats _____ | Swab Cups _____       |
| Seating Cups _____ | Other _____           |

Discription of Other : \_\_\_\_\_

# Eby 4-16

| Pipe #        | Joint Length    | Running Total - NO threads | Baffle Location | PostRock Energy- Casing Tally Sheet                         |
|---------------|-----------------|----------------------------|-----------------|---|
| 1             | 42.47           | 42.22                      |                 | Date: 6/12/13   |
| 2             | 42.45           | 84.42                      |                 | Well Name & #: Eby 4-16                                     |
| 3             | 42.48           | 126.65                     |                 | Township & Range: 27S-15E                                   |
| 4             | 42.45           | 168.85                     |                 | County/State: Wilson/KS                                     |
| 5             | 42.45           | 211.05                     |                 | AFE#: D13105  |
| 6             | 42.49           | 253.29                     |                 | API# 15-205-28168-00-00                                     |
| 7             | 42.41           | 295.45                     |                 | Comments:   |
| 8             | 42.41           | 337.61                     |                 | Projected TD- 1320'   |
| 9             | 42.47           | 379.83                     |                 |   |
| 10            | 42.39           | 421.97                     |                 | Joints are numbered in White                                |
| 11            | 42.41           | 464.13                     |                 |   |
| 12            | 42.45           | 506.33                     |                 | Subs are in orange  |
| 13            | 42.46           | 551.54                     |                 | Avoid Collars 1122-1127, 1142-1150,<br>1166-1178, 1191-1200 |
| 14            | 42.4            | 590.69                     |                 |   |
| 15            | 42.42           | 632.86                     |                 |   |
| 16            | 42.51           | 675.12                     |                 |   |
| 17            | 42.44           | 717.31                     |                 | Added these subs for  |
| 18            | 42.44           | 759.5                      |                 | flexibility to adjust to actual TD                          |
| 19            | 42.43           | 801.68                     |                 |   |
| 20            | 42.41           | 843.84                     |                 | Trailer# 932900   |
| 21            | 42.16           | 885.75                     |                 |   |
| 22            | 42.42           | 927.92                     |                 | Actual TD - 1320  |
| 23            | 42.42           | 970.09                     |                 | Log Bottom - 1321.30  |
| 24            | 42              | 1011.84                    |                 | Casing Tally - 1316.54                                      |
| 25            | 42.4            | 1053.99                    |                 | No Baffles  |
| 26            | 42.09           | 1095.83                    |                 | Centralizers per SOP  |
| 27            | 42.37           | 1137.95                    |                 |   |
| 28            | 42.45           | 1180.15                    |                 |   |
| 29            | 42.44           | 1222.34                    |                 |   |
| 30            | 42.44           | 1264.53                    |                 |   |
| 31            | 42.43           | 1306.71                    |                 |   |
| <del>32</del> | <del>15</del>   | <del>1321.46</del>         |                 |   |
| 33            | 10.33           | 1316.54                    |                 |   |
| <del>34</del> | <del>5.02</del> | <del>1321.31</del>         |                 |   |
| 35            |                 |                            |                 |   |
| 36            |                 |                            |                 |   |
| 37            |                 |                            |                 |   |
| 38            |                 |                            |                 |   |
| 39            |                 |                            |                 |   |
| 40            |                 |                            |                 |   |

PostRock Energy Corp.

