Kansas Corporation Commission 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 #  |   | API No. 15   |  |  |
|--|---|--|--|--|
| Name:  |   | Spot Description:  |  |  |
| Address 1:   |   | SecTwpS. R   |  |  |
| Address 2:   |   | Feet from North / South Line of Section                  |  |  |
| City: State: Z   | ip:+                                    | Feet from East / West Line of Section                    |  |  |
| Contact Person:  |   | Footages Calculated from Nearest Outside Section Corner: |  |  |
| Phone: ()  |   | □NE □NW □SE □SW  |  |  |
| CONTRACTOR: License #  |   | GPS Location: Lat:, Long:                                |  |  |
| Name:  |   | (e.g. xx.xxxxx) (e.gxxx.xxxxx)                           |  |  |
| Wellsite Geologist:  |   | Datum: NAD27 NAD83 WGS84                                 |  |  |
| Purchaser:   |   | County:  |  |  |
| Designate Type of Completion:  |   | Lease Name: Well #:                                      |  |  |
| New Well Re-Entry  | Workover                                | Field Name:  |  |  |
|  |   | Producing Formation:                                     |  |  |
| □ Oil         □ WSW         □ SWD         □           □ Gas         □ D&A         □ ENHR         □ | SIOW                                    | Elevation: Ground: Kelly Bushing:                        |  |  |
|  | ☐ SIGW                                  | Total Vertical Depth: Plug Back Total Depth:             |  |  |
| ☐ OG ☐ GSW ☐ Temp. Abd. ☐ CM (Coal Bed Methane)  |   | Amount of Surface Pipe Set and Cemented at: Feet         |  |  |
| Cathodic Other (Core, Expl., etc.):  |   | Multiple Stage Cementing Collar Used? Yes No             |  |  |
| If Workover/Re-entry: Old Well Info as follows:  |   | If yes, show depth set: Feet                             |  |  |
| Operator:  |   | If Alternate II completion, cement circulated from:      |  |  |
| Well Name:   |   | feet depth to:w/sx cmt.                                  |  |  |
| Original Comp. Date: Original T  |   |  |  |  |
| Deepening Re-perf. Conv. to E  | <u>.</u>                                | Drilling Fluid Management Plan                           |  |  |
|  | SSW Conv. to Producer                   | (Data must be collected from the Reserve Pit)            |  |  |
|  | _                                       | Chloride content:ppm Fluid volume:bbls                   |  |  |
| Commingled Permit #:   |   | Dewatering method used:                                  |  |  |
|  |   | Downtoning monted accor.                                 |  |  |
|  |   | Location of fluid disposal if hauled offsite:            |  |  |
|  |   | Operator Name:   |  |  |
| GSW Permit #:  |   | Lease Name: License #:                                   |  |  |
| Canad Data as Data Data LTD  | Completion Data are                     | Quarter Sec Twp S. R                                     |  |  |
| Spud Date or Date Reached TD Recompletion Date   | Completion Date or<br>Recompletion Date | 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

Confidentiality Requested:

Yes No

| 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: |

| Operator Name:   |                           |   | Lease Name: _        |                   |   | Well #:   |                               |
|--|---------------------------|---|----------------------|-------------------|---|---|-------------------------------|
| Sec Twp  | S. R                      | East West   | County:              |                   |   |   |                               |
| INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to s                     | g and shut-in pressur     | res, whether shut-in pre                              | ssure reached stati  | c level, hydrosta | tic pressures, bott                         |   |                               |
| Final Radioactivity Log, files must be submitted   |                           |   |                      | gs must be ema    | iled to kcc-well-lo                         | gs@kcc.ks.gov   | . Digital electronic log      |
| Drill Stem Tests Taken (Attach Additional Sho  | eets)                     | Yes No  |                      |                   | n (Top), Depth ar                           |   | Sample                        |
| Samples Sent to Geolog   | gical Survey              | Yes No  | Nam                  | е                 |   | Тор   | Datum                         |
| Cores Taken<br>Electric Log Run  |                           | Yes No  |                      |                   |   |   |                               |
| List All E. Logs Run:  |                           |   |                      |                   |   |   |                               |
|  |                           | CASING<br>Report all strings set-c                    | RECORD Ne            |                   | on, etc.                                    |   |                               |
| Purpose of String  | Size Hole<br>Drilled      | Size Casing<br>Set (In O.D.)                          | Weight<br>Lbs. / Ft. | Setting<br>Depth  | Type of<br>Cement                           | # Sacks<br>Used                                       | Type and Percent<br>Additives |
|  |                           |   |                      |                   |   |   |                               |
|  |                           | ADDITIONAL  | CEMENTING / SQL      | IFEZE BECORD      |   |   |                               |
| Purpose:   | Depth                     | Type of Cement  | # Sacks Used         | TEELE TIE GOTTE   | Type and P                                  | ercent Additives                                      |                               |
| Perforate Protect Casing Plug Back TD Plug Off Zone  | Top Bottom                | 7,  |                      |                   | 7,  |   |                               |
| r lug on zone  |                           |   |                      |                   |   |   |                               |
| Did you perform a hydraulic<br>Does the volume of the tota<br>Was the hydraulic fracturing | l base fluid of the hydra | ulic fracturing treatment ex                          |                      | Yes Yes Yes       | No (If No, ski                              | p questions 2 an<br>p question 3)<br>out Page Three o |                               |
| Shots Per Foot   |                           | N RECORD - Bridge Plug<br>otage of Each Interval Perl |                      |                   | cture, Shot, Cement<br>mount and Kind of Ma |   | I Depth                       |
|  |                           |   |                      |                   |   |   |                               |
|  |                           |   |                      |                   |   |   |                               |
|  |                           |   |                      |                   |   |   |                               |
| TUBING RECORD:   | Size:                     | Set At:   | Packer At:           | Liner Run:        | Yes No                                      |   |                               |
| Date of First, Resumed Pr  | oduction, SWD or ENHI     | R. Producing Meth                                     |                      | Gas Lift C        | other (Explain)                             |   |                               |
| Estimated Production<br>Per 24 Hours   | Oil Bb                    | ols. Gas  | Mcf Wate             | er Bl             | ols. G                                      | as-Oil Ratio  | Gravity                       |
| DISPOSITION  | LOE GAS:                  |   | METHOD OF COMPLE     | TION:             |   | PPODLICTIO  | N INTERVAL:                   |
| Vented Sold  | Used on Lease             | Open Hole   |                      | Comp. Con         | nmingled<br>mit ACO-4)                      | FRODUCTIO   | IN IN I EDVAL:                |
| (If vented, Subm   | it ACO-18.)               | Other (Specify)                                       |                      |                   | ´   |   |                               |

| Form      | ACO1 - Well Completion             |
|-----------|------------------------------------|
| Operator  | Samuel Gary Jr. & Associates, Inc. |
| Well Name | CHRISLER ET AL 2-21                |
| Doc ID    | 1124559                            |

# All Electric Logs Run

| DIL      |  |
|----------|--|
| MICRO    |  |
| POR      |  |
| SONIC    |  |
| SPECTRAL |  |

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|-----------|------------------------------------|
| Operator  | Samuel Gary Jr. & Associates, Inc. |
| Well Name | CHRISLER ET AL 2-21                |
| Doc ID    | 1124559                            |

## Perforations

| Shots Per Foot | Perforation Record | Material Record              | Depth     |
|----------------|--------------------|------------------------------|-----------|
| 4              | 3139-3145          | 500 GAL 28% MCA<br>W/ 3% MAS | 3139-3145 |
| 4              | 3167-3174          | 500 GAL 28% MCA<br>W/ 3% MAS | 3167-3174 |
| 4              | 3194-3199          |                              | 3194-3199 |
| 4              | 3212-3218          | 500 GAL 28% MCA<br>W/ 3% MAS | 3212-3218 |
| 4              | 3252-3261          | 500 GAL 28% MCA<br>W/ 3% MAS | 3252-3261 |
| 4              | 3340-3344          |                              | 3340-3344 |
| 4              | 3372-3376          | 500 GAL 28% MCA<br>W/ 3% MAS | 3372-3376 |
| 4              | 2899-2906          | 500 GAL 28% MCA<br>W/ 3% MAS | 2899-2906 |

## **Summary of Changes**

Lease Name and Number: CHRISLER ET AL 2-21

API/Permit #: 15-051-26343-00-00

Doc ID: 1124559

Correction Number: 1

Approved By: NAOMI JAMES

| Field Name          | Previous Value  | New Value   |
|---------------------|---|---|
| Approved Date       | 11/07/2012  | 03/14/2013  |
| Producing Formation | TORONTO/LANSING   | TORONTO/LANSING/T<br>OPEKA                                |
| Save Link           | //kcc/detail/operatorE<br>ditDetail.cfm?docID=11<br>00136 | //kcc/detail/operatorE<br>ditDetail.cfm?docID=11<br>24559 |



# CONFIDENTIAL OIL & GAI

Kansas Corporation Commission Oil & Gas Conservation Division

1100136

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

| Address 1:  | Description:   |
|---|--|
| Address 2:  | Feet from North / South Line of Section  Feet from East / West Line of Section |
| City:            State:            Footag           Phone:         ()                                       | Feet from East / West Line of Section  |
| Contact Person: Footage Phone: ( )  |  |
| Phone: ()   | ges Calculated from Nearest Outside Section Corner:                            |
|   |  |
|   | □NE □NW □SE □SW  |
| CONTRACTOR: License # Count   | y:   |
| Name: Lease   | Name: Well #:  |
| Wellsite Geologist: Field N   | Name:  |
| Purchaser: Produ  | cing Formation:  |
| Designate Type of Completion: Elevat  | ion: Ground: Kelly Bushing:  |
| New Well Re-Entry Workover Total D  | Depth: Plug Back Total Depth:  |
| Gas D&A ENHR SIGW Multip OG GSW Temp. Abd. If yes, CM (Coal Bed Methane)  Gathodic Other (Core Eyel et al.) | nt of Surface Pipe Set and Cemented at: Feet le Stage Cementing Collar Used?   |
| If Workover/Re-entry: Old Well Info as follows:   | epth to: w/ sx cmt   |
| VA / - II - N   | g Fluid Management Plan<br>nust be collected from the Reserve Pit)             |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD   | de content: ppm Fluid volume: bbls ering method used:                          |
| Plug Back: Plug Back Total Depth Locati   | on of fluid disposal if hauled offsite:  |
| Commingled Permit #:Opera   | tor Name:  |
| Dual Completion Permit #: Lease   | Name: License #:   |
| SWD Permit #: Quart   | erSec TwpS. R  |
| ENTR Permit #   | v: Permit #:   |
| GSW 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                |
|------------------------------------|
| Letter of Confidentiality Received |
| Date:                              |
| Confidential Release Date:         |
| ☐ Wireline Log Received            |
| Geologist Report Received          |
| UIC Distribution                   |
| ALT I II Approved by: Date:        |