Confidentiality Requested:

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1230963

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:   |   |
| Address 2:   | Feet from Dorth / South Line of Section   |
| City: State: Zip:+                                   | Feet from East / West Line of Section   |
| Contact Person:                                      | Footages Calculated from Nearest Outside Section Corner:                        |
| Phone: ()  |   |
| 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:  |
|  | Elevation: Ground: Kelly Bushing:   |
| ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW<br>☐ OG ☐ GSW ☐ Temp. Abd. | 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 Total Depth:           |   |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD        | Duilling Fluid Management Dian  |
| Plug Back       Conv. to GSW       Conv. to Producer | Drilling Fluid Management Plan<br>(Data must be collected from the Reserve Pit) |
| Commingled Permit #:                                 | Chloride content: ppm Fluid volume: bbls  |
| Commingled Permit #:      Dual Completion Permit #:  | Dewatering method used:   |
| SWD     Permit #:                                    | Location of fluid disposal if hauled offsite:                                   |
| ENHR Permit #:                                       |   |
| GSW Permit #:  | Operator Name:  |
|  | Lease Name: License #:  |
| Spud Date or Date Reached TD Completion Date or      | Quarter Sec Twp S. R East West  |
| Recompletion Date 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

| 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: |

# CORRECTION #1

1230963

| Operator Na | me:  |       |           | 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 Taker  |                              | Yes No                             | L                     | Log Formation (Top), Depth and Datum |                     |                  | Sample                        |
|---|------------------------------|------------------------------------|-----------------------|--------------------------------------|---------------------|------------------|-------------------------------|
| (Attach Additional<br>Samples Sent to Geo   | ,                            | Yes No                             | Nam                   | e                                    |                     | Тор              | Datum                         |
| Cores Taken<br>Electric Log Run   |                              | ☐ Yes ☐ No<br>☐ Yes ☐ No           |                       |                                      |                     |                  |                               |
| List All E. Logs Run:   |                              |                                    |                       |                                      |                     |                  |                               |
|   |                              | CASING<br>Report all strings set-o | RECORD Ne             |                                      | ion, 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 / SQU       | EEZE RECORD                          |                     |                  |                               |
| Purpose:<br>Perforate   | Depth<br>Top Bottom          | Type of Cement                     | # Sacks Used          |                                      | Type and Pe         | ercent Additives |                               |
| Protect Casing  |                              |                                    |                       |                                      |                     |                  |                               |
| Plug Off Zone   |                              |                                    |                       |                                      |                     |                  |                               |
| Did you perform a hydra   | ulic fracturing treatment of | on this well?                      |                       | Yes                                  | No (If No, skip     | o questions 2 an | d 3)                          |
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000  |                              |                                    | ceed 350,000 gallons? | ? Yes                                | No (If No, skip     | o question 3)    |                               |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure regis |                              |                                    |                       | Yes                                  | No (If No, fill o   | out Page Three o | of the ACO-1)                 |
| Shots Per Foot  |                              | ON RECORD - Bridge Plug            |                       |                                      | cture, Shot, Cement |                  | l<br>Depth                    |

|                                      | Specify Footage of Each Interval Perforated |                 |         |                   |            | (Amount and Kin          | d of Material Used)          | Depth         |          |
|--------------------------------------|---|-----------------|---------|-------------------|------------|--------------------------|------------------------------|---------------|----------|
|                                      |   |                 |         |                   |            |                          |                              |               |          |
|                                      |   |                 |         |                   |            |                          |                              |               |          |
|                                      |   |                 |         |                   |            |                          |                              |               |          |
|                                      |   |                 |         |                   |            |                          |                              |               |          |
|                                      |   |                 |         |                   |            |                          |                              |               |          |
| TUBING RECORD:                       | Si  | ze:             | Set At: | : Pa              | cker At:   | Liner                    |                              | No            |          |
| Date of First, Resumed               | Product                                     | ion, SWD or ENH | ٦.      | Producing Method: | umping [   | Gas Lift                 | Other (Explain)              |               |          |
| Estimated Production<br>Per 24 Hours |   | Oil Bb          | ls.     | Gas Mcf           | v          | ater                     | Bbls.                        | Gas-Oil Ratio | Gravity  |
|                                      |   |                 |         |                   |            |                          |                              | 1             |          |
| DISPOSITI                            | ON OF (                                     | GAS:            |         | METHO             | DD OF COMP | LETION:                  |                              | PRODUCTION IN | ITERVAL: |
| Vented Solo                          | d 🗌   | Used on Lease   |         | Open Hole Per     |            | ally Comp.<br>hit ACO-5) | Commingled<br>(Submit ACO-4) |               |          |
| (If vented, Su                       | bmit ACC                                    | D-18.)          |         | Other (Specify)   |            |                          |                              |               |          |

| Form      | ACO1 - Well Completion           |
|-----------|----------------------------------|
| Operator  | Torchlight Energy Operating, LLC |
| Well Name | Hudson 9-1T                      |
| Doc ID    | 1230963                          |

# Casing

| Purpose<br>Of String | Size Hole<br>Drilled | Size<br>Casing<br>Set | Weight | Setting<br>Depth | Type Of<br>Cement   |     | Type and<br>Percent<br>Additives |
|----------------------|----------------------|-----------------------|--------|------------------|---------------------|-----|----------------------------------|
| Conductor            | 17.5                 | 13.375                | 48     | 91               | Class A             | 170 |                                  |
| Surface              | 12.5                 | 8.625                 | 24     | 519              | Class A &<br>Pozmix | 400 |                                  |
| Production           | 7.8750               | 5.5                   | 15.5   | 3520             | Class A             | 100 |                                  |
|                      |                      |                       |        |                  |                     |     |                                  |

# Summary of Changes

Lease Name and Number: Hudson 9-1T

API/Permit #: 15-113-21371-00-00

Doc ID: 1230963

Correction Number: 1

Approved By: NAOMI JAMES

| Field Name    | Previous Value                                   | New Value  |
|---------------|--|--|
| Approved Date | 11/05/2014                                       | 11/06/2014                                       |
| Save Link     | //kcc/detail/operatorE<br>ditDetail.cfm?docID=12 | //kcc/detail/operatorE<br>ditDetail.cfm?docID=12 |
| TopsDatum1    | 30624  | 30963<br>3400                                    |
| TopsDepth1    | 3356   | 3348   |



Confidentiality Requested:

CONFIDENTIAL

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1230624

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

| OPERATOR: License #                                    | API No. 15   |
|--|--|
| Name:  | Spot Description:  |
| Address 1:   |  |
| Address 2:   | Feet from D North / South Line of Section                |
| City: State: Zip:+                                     | Feet from East / West Line of Section                    |
| Contact Person:  | Footages Calculated from Nearest Outside Section Corner: |
| Phone: ()  |  |
| 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:                                     |
|  | Elevation: Ground: Kelly Bushing:                        |
| Gas D&A ENHR SIGW                                      | Total Vertical Depth: Plug Back Total Depth:             |
| CM (Coal Bed Methane)                                  | Amount of Surface Pipe Set and Cemented at: Feet         |
| Cathodic Other (Core, Expl., etc.):                    | Multiple Stage Cementing Collar Used?                    |
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| Well Name:   | feet depth to:w/sx cmt.                                  |
| Original Comp. Date: Original Total Depth:             |  |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD          | Drilling Fluid Management Plan                           |
| Plug Back Conv. to GSW Conv. to Producer               | (Data must be collected from the Reserve Pit)            |
|  | Chloride content: ppm Fluid volume: bbls                 |
| Commingled Permit #:                                   | Dewatering method used:                                  |
| Dual Completion Permit #: SWD Permit #:                |  |
| SWD         Permit #:           ENHR         Permit #: | Location of fluid disposal if hauled offsite:            |
| GSW Permit #:  | Operator Name:   |
|  | Lease Name: License #:                                   |
| Spud Date or Date Reached TD Completion Date or        | Quarter Sec TwpS. R East West                            |
| Recompletion Date Recompletion Date 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

| 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: |