Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1211657

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  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:                                     |  |  |  |  |
| ☐ Oil ☐ WSW ☐ SWD ☐ SIOW<br>☐ Gas ☐ D&A ☐ ENHR ☐ SIGW       | Elevation: Ground: Kelly Bushing:                        |  |  |  |  |
| □ OG □ GSW □ Temp. Abd.                                     | 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?                    |  |  |  |  |
| 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               | Drilling Fluid Management Plan                           |  |  |  |  |
| Plug Back Conv. to GSW Conv. to Producer                    | (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: |  |  |  |  |  |  |  |  |

|   | Page Two                          | 1211657   |  |  |  |
|---|-----------------------------------|---|--|--|--|
| Operator Name:  | Lease Name:                       | Well #:   |  |  |  |
| Sec TwpS. R East West                                       | County:                           |   |  |  |  |
| INCTRUCTIONS: Chave important tang of formations panetwated | Datail all aaraa Bapart all final | popios of drill stame tosts giving interval tested, time tool |  |  |  |

**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>(Attach Additional Sheets)  |                     | Yes No                       | L                        | .og Formatio                | on (Top), Depth an | d Datum         | Sample                        |  |
|---|---------------------|------------------------------|--------------------------|-----------------------------|--------------------|-----------------|-------------------------------|--|
| Samples Sent to Geological Survey   |                     | Yes No                       | Nam                      | e                           |                    | Тор             | Datum                         |  |
| Cores Taken<br>Electric Log Run   |                     | ☐ Yes ☐ No<br>☐ Yes ☐ No     |                          |                             |                    |                 |                               |  |
| List All E. Logs Run:   |                     |                              |                          |                             |                    |                 |                               |  |
|   |                     |                              |                          |                             |                    |                 |                               |  |
| CASING RECORD New Used<br>Report all strings set-conductor, surface, intermediate, production, etc. |                     |                              |                          |                             |                    |                 |                               |  |
|   |                     | Report all strings set-o     | conductor, surface, inte | ermediate, producti         | 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          | JEEZE RECORD                |                    |                 |                               |  |
| Purpose:<br>Perforate   | Depth<br>Top Bottom | Type of Cement               | # Sacks Used             | s Used Type and Percent Add |                    |                 |                               |  |
| Protect Casing  |                     |                              |                          |                             |                    |                 |                               |  |
| 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>(Amount and Kind of Material Used) Dep |                           |               |         |
|---|---|--------|--------------------|---------------------------|-------|-------|---|---------------------------|---------------|---------|
|   |   |        |                    |                           |       |       |   |                           |               |         |
|   |   |        |                    |                           |       |       |   |                           |               |         |
|   |   |        |                    |                           |       |       |   |                           |               |         |
|   |   |        |                    |                           |       |       |   |                           |               |         |
|   |   |        |                    |                           |       |       |   |                           |               |         |
| TUBING RECORD: Size: Set At:                    |   |        |                    | : Packer At:              |       |       | Liner Ru  |                           | No            |         |
| Date of First, Resumed Production, SWD or ENHR. |   |        |                    | Producing Me              | thod: | ping  | Gas Lift  | Other (Explain)           |               |         |
| Estimated Production<br>Per 24 Hours            |   | Oil Bb | S.                 | Gas Mcf                   |       | Wate  | er  | Bbls.                     | Gas-Oil Ratio | Gravity |
|   |   |        |                    |                           |       |       |   |                           |               |         |
| DISPOSITION OF GAS:                             |   |        | METHOD OF COMPLETI |                           |       | TION: |   | PRODUCTION INT            | FERVAL:       |         |
| Vented Sold Used on Lease                       |   |        |                    | Open Hole Perf. Dually Co |       |       |   | Commingled (Submit ACO-4) |               |         |
| (If vented, Submit ACO-18.)                     |   |        |                    | Other (Specify)           |       |       |   |                           |               |         |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202