Kansas Corporation Commission Confidentiality Requested: OIL & GAS CONSERVATION DIVISION Yes No

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 🔲 East 🗌 West                                 |  |  |  |  |
| Address 2:  | Feet from North / South Line of Section                  |  |  |  |  |
| City:   | 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)  Datum: NAD27 NAD83 WGS84 |  |  |  |  |
| Wellsite Geologist:                                   |  |  |  |  |  |
| Purchaser:  | County:  |  |  |  |  |
| Designate Type of Completion:                         | Lease Name: Well #:  Field Name:  Producing Formation:   |  |  |  |  |
| ☐ New Well ☐ Re-Entry ☐ Workover                      |  |  |  |  |  |
| ☐ Oil ☐ WSW ☐ SWD ☐ SIOW                              |  |  |  |  |  |
| 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? 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 | 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                   |  |  |  |  |
| 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       | QuarterSecTwpS. R East West                              |  |  |  |  |
| Recompletion Date Recompletion Date                   | Countv: 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: |  |  |  |  |  |  |

1304561 CORRECTION #1

| Operator Name:   |  |                                    |                            | _ Lease I                | Name: _                |   |                          | Well #:          |                       |            |
|--|--|------------------------------------|----------------------------|--------------------------|------------------------|---|--------------------------|------------------|-----------------------|------------|
| Sec Twp  | S. R   | East                               | West                       | County                   | :                      |   |                          |                  |                       |            |
| INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to | ring and shut-in presson surface test, along | sures, whether<br>with final chart | shut-in pre<br>(s). Attach | ssure reac<br>extra shee | hed stati<br>t if more | c level, hydrosta<br>space is neede   | tic pressures, bot<br>d. | tom hole temp    | erature, fluid        | recovery,  |
| Final Radioactivity Lo-<br>files must be submitte              |  |                                    |                            |                          |                        | ogs must be ema   | iled to kcc-well-lo      | gs@kcc.ks.go     | v. Digital elec       | tronic log |
| Drill Stem Tests Taken Yes No (Attach Additional Sheets)       |  |                                    |                            |                          |                        |   | on (Top), Depth ar       |                  | Sam                   |            |
| Samples Sent to Geo  | logical Survey                               | Yes                                | ☐ No                       |                          | Nam                    | e   |                          | Тор              | Datu                  | m          |
| Cores Taken<br>Electric Log Run                                |  | Yes Yes                            | ☐ No<br>☐ No               |                          |                        |   |                          |                  |                       |            |
| List All E. Logs Run:  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            | RECORD                   | Ne                     |   |                          |                  |                       |            |
|  | 0  | · ·                                |                            |                          |                        | ermediate, product  |                          | T "0 1           | I                     |            |
| Purpose of String  | Size Hole<br>Drilled                         | Size Ca<br>Set (In 0               |                            | Weig<br>Lbs.             |                        | Setting<br>Depth  | Type of<br>Cement        | # Sacks<br>Used  | Type and I<br>Additiv |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  | Al                                 | DDITIONAL                  | CEMENTI                  | NG / SQL               | JEEZE RECORD  |                          |                  |                       |            |
| Purpose:   | Depth<br>Top Bottom                          | Type of C                          | ement                      | # Sacks                  | Used                   | Type and Percent Additives  |                          |                  |                       |            |
| Perforate Protect Casing                                       | Top Bottom                                   |                                    |                            |                          |                        |   |                          |                  |                       |            |
| Plug Back TD Plug Off Zone                                     |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
| r lug on zone  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
| Did you perform a hydrau                                       | ulic fracturing treatment                    | on this well?                      |                            |                          |                        | Yes   | No (If No, ski           | p questions 2 ar | nd 3)                 |            |
| Does the volume of the to                                      |  |                                    |                            |                          |                        |   |                          | p question 3)    |                       |            |
| Was the hydraulic fractur                                      | ing treatment information                    | on submitted to th                 | ne chemical o              | disclosure re            | gistry?                | Yes   | No (If No, fill          | out Page Three   | of the ACO-1)         |            |
| Shots Per Foot   |  | ON RECORD -<br>Footage of Each     |                            |                          |                        | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth |                          |                  |                       |            |
|  | Эреспу                                       | 1 oolage of Lacif                  | iliterval Feli             | Orated                   |                        | (A  | THOURT AND KIND OF MA    | teriai Oseu)     |                       | Берит      |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
| TUBING RECORD:   | Size:  | Set At:                            |                            | Packer A                 | +-                     | Liner Run:  |                          |                  |                       |            |
| TOBING FILEGORIS.  | 0.20   | 001711.                            |                            | r donor 7                | ••                     | [   | Yes No                   |                  |                       |            |
| Date of First, Resumed   | Production, SWD or EN                        | NHR. Pro                           | oducing Meth               |                          | a $\Box$               | Coo Lift 0  | Other (Evelein)          |                  |                       |            |
| Estimated Dradustics   | 0.11   | Dhla                               | Flowing                    | Pumpin                   |                        |   | Other (Explain)          | Nee Oil D-#-     |                       |            |
| Estimated Production<br>Per 24 Hours                           | Oil  | Bbls.                              | Gas                        | Mcf                      | Wat                    | eı B  | bls. C                   | Gas-Oil Ratio    | G                     | iravity    |
|  |  |                                    |                            |                          |                        |   |                          |                  |                       |            |
|  | ON OF GAS:                                   | Open                               |                            | METHOD OF Perf.          |                        |   | nmingled                 | PRODUCTION       | ON INTERVAL:          |            |
| Vented Sold  | Used on Lease  bmit ACO-18.)                 |                                    | (Specify)                  | _ 1 011.                 | (Submit                |   | mit ACO-4)               |                  |                       |            |

| Form      | ACO1 - Well Completion           |
|-----------|----------------------------------|
| Operator  | Carl E. Gungoll Exploration, LLC |
| Well Name | Cutter East Unit 409             |
| Doc ID    | 1304561                          |

# Casing

| Purpose<br>Of String | Size Hole<br>Drilled | Size<br>Casing<br>Set | Weight | Setting<br>Depth | Type Of<br>Cement | Number of<br>Sacks<br>Used | Type and<br>Percent<br>Additives   |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----------------------------|--|
| Surface              | 12.25                | 8.625                 | 24     | 1642             | A-Con             | 550                        | 3% CaCl,<br>.25 ppg<br>Polyflake,<br>.2% WCA-<br>1                         |
| Production           | 7.875                | 5.5                   | 15.5   | 5392             | AA-2<br>scavenger | 150                        | 5% W-60,<br>10% salt,<br>.6% C-15,<br>1/4#<br>defoamer,<br>5#<br>Filsonite |
|                      |                      |                       |        |                  |                   |                            |  |
|                      |                      |                       |        |                  |                   |                            |  |

# **Summary of Changes**

Lease Name and Number: Cutter East Unit 409

API/Permit #: 15-175-22228-00-00

Doc ID: 1304561

Correction Number: 1

Approved By: Karen Ritter

| Field Name    | Previous Value                                   | New Value  |
|---------------|--|--|
| Approved By   | NAOMI JAMES                                      | Karen Ritter                                     |
| Approved Date | 06/11/2015                                       | 04/20/2016                                       |
| Save Link     | //kcc/detail/operatorE<br>ditDetail.cfm?docID=12 | //kcc/detail/operatorE<br>ditDetail.cfm?docID=13 |
| Well Type     | 54555<br>SWD                                     | 04561<br>EOR                                     |