

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1228889

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:                       |                    |                    | F6                                    | eet 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 C | Corner:               |  |  |
| Phone: ()                        |                    |                    | □ NE □ NW                             | V □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:                           | W                         | ell #:                |  |  |
|                                  | e-Entry            | Workover           | Field Name:                           |                           |                       |  |  |
|                                  | _                  |                    | Producing Formation:                  |                           |                       |  |  |
| ☐ Oil ☐ WSW ☐ D&A                | ☐ SWD              | ∐ SIOW<br>∏ SIGW   | Elevation: Ground:                    | Kelly Bushing:            |                       |  |  |
|                                  | GSW                | Temp. Abd.         | Total Vertical Depth:                 | Plug Back Total D         | epth:                 |  |  |
| CM (Coal Bed Methane)            | dow                | Temp. Abd.         | Amount of Surface Pipe Se             | et and Cemented at:       | Feet                  |  |  |
| ☐ Cathodic ☐ Other (Co           | ore. Expl., etc.): |                    | Multiple Stage Cementing              | Collar Used? Yes          | No                    |  |  |
| If Workover/Re-entry: Old Well I |                    |                    | If yes, show depth set:               |                           |                       |  |  |
| Operator:                        |                    |                    | If Alternate II completion, c         | cement circulated from:   |                       |  |  |
| Well Name:                       |                    |                    | feet depth to:                        | w/                        | sx cmt.               |  |  |
| Original Comp. Date:             |                    |                    |                                       |                           |                       |  |  |
| Deepening Re-perf                | J                  | ENHR Conv. to SWD  | Drilling Fluid Managemer              | nt Plan                   |                       |  |  |
| Plug Back                        | Conv. to G         |                    | (Data must be collected from to       |                           |                       |  |  |
| Commingled                       | Permit #           |                    | Chloride content:                     | ppm Fluid volume          | : bbls                |  |  |
| Dual Completion                  |                    |                    | Dewatering method used:_              |                           |                       |  |  |
| SWD                              |                    |                    | Location of fluid disposal if         | hauled offsite:           |                       |  |  |
| ENHR                             | Permit #:          |                    |                                       |                           |                       |  |  |
| GSW                              | Permit #:          |                    | Operator Name:                        |                           |                       |  |  |
|                                  |                    |                    | Lease Name:                           |                           |                       |  |  |
| Spud Date or Date R              | eached TD          | Completion Date or | Quarter Sec                           | TwpS. 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



| Operator Name:   |  |                                 |                                  | Lease N                     | Name: _   |                                     |                           | Well #:           |                         |          |
|--|--|---------------------------------|----------------------------------|-----------------------------|---|-------------------------------------|---------------------------|-------------------|-------------------------|----------|
| Sec Twp  | S. R   | East                            | West                             | County                      | :   |                                     |                           |                   |                         |          |
| INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to | ring and shut-in pres<br>o surface test, along | sures, whethe<br>with final cha | er shut-in pre<br>art(s). Attach | essure reac<br>n extra shee | hed stati<br>t if more  | c level, hydrosta<br>space is neede | itic pressures, bot<br>d. | tom hole temp     | erature, fluid re       | ecovery, |
| Final Radioactivity Lo files must be submitted                 |  |                                 |                                  |                             |   | ogs must be ema                     | ailed to kcc-well-lo      | gs@kcc.ks.go      | v. Digital electr       | onic log |
| Drill Stem Tests Taken Yes No                                  |  |                                 |                                  |                             | Log Formation (Top), Dep  |                                     |                           |                   |                         | mple     |
| Samples Sent to Geological Survey                              |  |                                 |                                  |                             | Nam   | е                                   |                           | Тор               | Datum                   | 1        |
| Cores Taken<br>Electric Log Run                                |  | ☐ Yes<br>☐ Yes                  | ☐ No<br>☐ No                     |                             |   |                                     |                           |                   |                         |          |
| List All E. Logs Run:  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  | RECORD                      | Ne  |                                     |                           |                   |                         |          |
|  | 2  | 1                               |                                  |                             |   | ermediate, product                  |                           | T                 | I                       |          |
| Purpose of String  | Size Hole<br>Drilled                           |                                 | Casing<br>n O.D.)                | Weig<br>Lbs. /              |   | Setting<br>Depth                    | Type of<br>Cement         | # Sacks<br>Used   | Type and Pe<br>Additive |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 | ADDITIONAL                       | CEMENTIN                    | NG / SQL  | JEEZE RECORD                        |                           |                   |                         |          |
| Purpose:   | Depth<br>Top Bottom                            | Type of                         | Cement                           | # Sacks                     | Used  | sed Type and Percent Additives      |                           |                   |                         |          |
| Perforate Protect Casing                                       | 100 20111111                                   |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
| Plug Back TD<br>Plug Off Zone                                  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
| 1 lug 0 li 20 lio  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
| Did you perform a hydrau                                       | ulic fracturing treatment                      | on this well?                   |                                  |                             |   | Yes                                 | No (If No, ski            | ip questions 2 ar | nd 3)                   |          |
| Does the volume of the t                                       |  |                                 |                                  |                             |   |                                     | = :                       | p question 3)     |                         |          |
| Was the hydraulic fractur                                      | ring treatment information                     | on submitted to                 | the chemical                     | disclosure re               | gistry?   | Yes                                 | No (If No, fill           | out Page Three    | of the ACO-1)           |          |
|  |  | ION RECORD                      |                                  |                             | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth |                                     |                           |                   | epth                    |          |
| Specify Footage of Each Interval Perfor                        |  |                                 |                                  |                             |   | ,,                                  |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
| TUBING RECORD:   | Size:  | Set At:                         |                                  | Packer A                    | t:  | Liner Run:                          |                           |                   |                         |          |
|  |  |                                 |                                  |                             |   |                                     | Yes No                    |                   |                         |          |
| Date of First, Resumed   | Production, SWD or Ef                          | NHR.   F                        | Producing Met                    | hod:<br>Pumpin              | a $\square$   | Gas Lift 0                          | Other (Explain)           |                   |                         |          |
| Estimated Production<br>Per 24 Hours                           | Oil  | Bbls.                           | Gas                              | Mcf                         | Wat   |                                     |                           | Gas-Oil Ratio     | Gra                     | avity    |
|  | 1  |                                 |                                  |                             |   |                                     |                           |                   |                         |          |
|  | ON OF GAS:                                     |                                 | en Hole                          | METHOD OF                   |   |                                     | mmingled                  | PRODUCTION        | ON INTERVAL:            | ļ        |
| Vented Solo  | I Used on Lease bmit ACO-18.)                  |                                 | en noie _                        | Perf.                       | (Submit   |                                     | mmingled<br>mit ACO-4)    |                   |                         |          |