| Сс | onfiden | tiality | / Requested: |
|----|---------|---------|--------------|
|    | Yes     |         | lo           |

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

1372329

Form ACO-1 November 2016 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

|       | DECODIDITION |           |       |
|-------|--------------|-----------|-------|
| VVELL | DESCRIPTION  | OF WELL & | LEASE |

| OPERATOR: License #   | API No.:   |  |  |
|---|--|--|--|
| 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 ☐ DH ☐ EOR<br>□ OG □ GSW                                    | 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 EOR Conv. to SWD                      | Drilling Fluid Management Plan                           |  |  |
| Plug Back Liner 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 #: | Leastion of fluid diamond if hould offeite               |  |  |
| EOR 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                               | 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 Drill Stem Tests Received |  |  |  |  |  |  |
| Geologist Report / Mud Logs Received            |  |  |  |  |  |  |
| UIC Distribution                                |  |  |  |  |  |  |
| ALT I II III Approved by: Date:                 |  |  |  |  |  |  |

|  | Page Two                          | 1372329  |
|--|-----------------------------------|--|
| Operator Name:   | Lease Name:                       | Well #:  |
| Sec TwpS. R □ East □ West                                  | County:                           |  |
| INSTRUCTIONS: Show important tops of formations penetrated | Detail all cores Benort all final | conies of drill stems tests 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).

|  |                       |                       |                                    |                       |            | <b>–</b>         |                         |   |                               |
|--|-----------------------|-----------------------|------------------------------------|-----------------------|------------|------------------|-------------------------|---|-------------------------------|
| Drill Stem Tests                                   |                       |                       | Yes No                             |                       | Lo         | og Formatio      | n (Iop), Dep            | th and Datum                                  | Sample                        |
| Samples Sent to                                    | Geological Surv       | /ey                   | Yes No                             |                       | Name       |                  |                         | Тор   | Datum                         |
| Cores Taken<br>Electric Log Run<br>Geolgist Report | / Mud Logs            |                       | Yes   No     Yes   No     Yes   No |                       |            |                  |                         |   |                               |
| List All E. Logs F                                 | lun:                  |                       |                                    |                       |            |                  |                         |   |                               |
|  |                       |                       |                                    |                       |            |                  |                         |   |                               |
|  |                       | F                     | CASING<br>Report all strings set   | RECORD                | New<br>New |                  | on, etc.                |   |                               |
| Purpose of St                                      |                       | e Hole<br>illed       | 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 |
|  |                       |                       |                                    |                       |            | · · ·            |                         |   |                               |
|  |                       |                       |                                    |                       |            |                  |                         |   |                               |
|  |                       |                       |                                    |                       |            |                  |                         |   |                               |
|  |                       |                       | ADDITIONA                          |                       | / SQUE     | EZE RECORD       |                         |   |                               |
| Purpose:   |                       | epth -<br>Bottom      | Type of Cement                     | # Sacks Use           | ed         |                  | Туре а                  | and Percent Additives                         |                               |
| Perforate Protect Ca Plug Back                     |                       |                       |                                    |                       |            |                  |                         |   |                               |
| Plug Off Zo  |                       |                       |                                    |                       |            |                  |                         |   |                               |
| 1. Did you perform                                 | a hydraulic fractu    | ing treatment on th   | is well?                           |                       |            | Yes              | No (If N                | o, skip questions 2 an                        | nd 3)                         |
|  |                       | -                     | c fracturing treatme               |                       | -          |                  |                         | o, skip question 3)                           |                               |
| 3. Was the hydraul                                 | lic fracturing treatm | nent information su   | bmitted to the chem                |                       | jistry?    | Yes              |                         | o, fill out Page Three o                      | of the ACO-1)                 |
| Date of first Produ<br>Injection:                  | ction/Injection or F  | lesumed Production    | n/ Producing Me                    | thod:                 |            | Gas Lift 🗌 O     | ther <i>(Explain)</i> _ |   |                               |
| Estimated Produc<br>Per 24 Hours                   |                       | Oil Bbls.             | Gas                                | Mcf                   | Water      | r Bb             | ıls.                    | Gas-Oil Ratio                                 | Gravity                       |
| DISPO  | OSITION OF GAS        |                       | 1                                  | METHOD OF CC          | MPLET      | FION:            |                         | PRODUCTIC                                     | INTERVAL:                     |
| Vented   | Sold Used             | I on Lease            | Open Hole                          |                       | Dually (   |                  | mingled                 | Тор   | Bottom                        |
| (If vente  | ed, Submit ACO-18.,   | )                     |                                    | (\$                   | Submit A   | ACO-5) (Subn     | nit ACO-4)              |   |                               |
| Shots Per<br>Foot                                  | Perforation<br>Top    | Perforation<br>Bottom | Bridge Plug<br>Type                | Bridge Plug<br>Set At |            | Acid,            |                         | , Cementing Squeeze<br>Kind of Material Used) | Record                        |
|  |                       |                       |                                    |                       |            |                  |                         |   |                               |
|  |                       |                       |                                    |                       |            |                  |                         |   |                               |
|  |                       |                       |                                    |                       |            |                  |                         |   |                               |

Packer At:

TUBING RECORD:

Size:

Set At:

| Form      | ACO1 - Well Completion |
|-----------|------------------------|
| Operator  | RJ Energy, LLC         |
| Well Name | AJ BRADLEY 11-A        |
| Doc ID    | 1372329                |

## 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 |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----|----------------------------------|
| Surface              | 9.875                | 7                     | 17     | 20               | portland          | 5  |                                  |
| Production           | 5.625                | 2.875                 | 6.5    | 622              | portland          | 75 |                                  |
|                      |                      |                       |        |                  |                   |    |                                  |
|                      |                      |                       |        |                  |                   |    |                                  |

## HAMMERSON CORPORATION

## PO BOX 189 GAS, KS 66742

| Date     | Invoice #   |
|----------|-------------|
| 0/2/2017 | 11452-11453 |

Invoice

| Bill To  |  |  |  |
|--|--|--|--|
| R.J. ENERGY LLC<br>22082 NE NEOSHO RD<br>GARNETT, KS 66032 |  |  |  |

|          |  |                | P.O. No. | Terms          | Project |                               |
|----------|--|----------------|----------|----------------|---------|-------------------------------|
|          |  |                |          | Due on receipt |         |                               |
| Quantity |  | Description    |          | Rate           | Amoun   | t                             |
|          | WELL MUD (\$8.00 PER SACK)<br>LINN COUNTY SALES TAX (V<br>TRUCKING (\$50 PER HOUR)<br>LINN COUNTY SALES TAX<br>WELL - BRADLEY 4A<br>WELL - 11A | )<br>WELL MUD) |          |                | 6.50%   | 320.0<br>85.8<br>137.5<br>8.9 |
|          |  |                |          |                |         |                               |

# RJ Energy

22082 NE Neosho Rd Garnett, Kansas 66032

## AJ Bradley 11-A

| 1   | soil        | 1          |           |
|-----|-------------|------------|-----------|
| 1   | clay/rock   | 2          |           |
| 47  | lime        | <b>49</b>  |           |
| 167 | shale       | 216        |           |
| 18  | lime        | 234        |           |
| 66  | shale       | 300        |           |
| 35  | lime        | 335        |           |
| 37  | shale       | 372        |           |
| 20  | lime        | 392        |           |
| 7   | shale       | 399        |           |
| 6   | lime        | 405        |           |
| 96  | shale       | 501        |           |
| 2   | lime        | 503        |           |
| 77  | shale       | 580        |           |
| 14  | sandy shale | <b>594</b> |           |
| 6   | bkn sand    | 600        | good show |
| 31  | shale       | 631        | T.D.      |

 Start
 9-25-17

 Finish
 9-26-17

Set 20' of 7" w/5sxs Ran 622' 2 <sup>7</sup>/<sub>8</sub> cemented to surface 75sxs

1