KOLAR Document ID: 1567722

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

# WELL COMPLETION FORM WELL HISTORY AND SCRIPTION OF WELL & LEASE

| OPERATOR: License #                                       | API No.:   |  |  |  |  |
|---|--|--|--|--|--|
| OPERATOR: License #                                       | Spot Description:  |  |  |  |  |
| OPERATOR: License #                                       | SecTwpS. R East West   |  |  |  |  |
| Address 2:  | Feet from  |  |  |  |  |
| City: State: Zip: +                                       | 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)   |  |  |  |  |
| 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   | Elevation: Ground: Kelly Bushing:  |  |  |  |  |
| ☐ Gas ☐ DH ☐ EOR  | Total Vertical Depth: Plug Back Total Depth:                                 |  |  |  |  |
| ☐ OG ☐ GSW ☐ 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 Flyid Management Plan   |  |  |  |  |
| Plug Back Liner Conv. to GSW Conv. to Producer            | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |  |  |  |  |
|   | Chloride content: ppm Fluid volume: bbls                                     |  |  |  |  |
| Commingled Permit #:                                      | Dewatering method used:  |  |  |  |  |
| Dual Completion Permit #:                                 |  |  |  |  |  |
| ☐ SWD         Permit #:           ☐ 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  |  |  |  |  |
| 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 Drill Stem Tests Received |  |  |  |  |
| Geologist Report / Mud Logs Received            |  |  |  |  |
| UIC Distribution                                |  |  |  |  |
| ALT I II Approved by: Date:                     |  |  |  |  |

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#### Page Two

| Operator Name:  |                     |                          |                      | Lease Name:           |                               |   | Well #:   |  |
|---|---------------------|--------------------------|----------------------|-----------------------|-------------------------------|---|---|--|
| Sec Twp.  | S. R.               | Ea                       | st West              | County:               |                               |   |   |  |
|   | lowing and shu      | ıt-in pressures, w       | hether shut-in pre   | ssure reached st      | atic level, hydrosta          | tic pressures, bot                      |   | val tested, time tool erature, fluid recovery, |
| Final Radioactivity files must be subm  |                     |                          |                      |                       |                               | iled to kcc-well-lo                     | gs@kcc.ks.gov   | v. Digital electronic log                      |
| Drill Stem Tests Ta   |                     |                          | Yes No               |                       |                               | on (Top), Depth ar                      | Depth and Datum S                                     |  |
| Samples Sent to G   | eological Surv      | ey                       | Yes No               | Na                    | Name                          |   | Тор   | Datum  |
| Cores Taken<br>Electric Log Run<br>Geologist Report /<br>List All E. Logs Ru                | _                   |                          | Yes No Yes No Yes No |                       |                               |   |   |  |
|   |                     | Re                       |                      |                       | New Used                      | ion, etc.                               |   |  |
| Purpose of Strin  |                     | Size Hole S<br>Drilled S |                      | Weight<br>Lbs. / Ft.  | Setting<br>Depth              | Type of<br>Cement                       | # Sacks<br>Used                                       | Type and Percent<br>Additives                  |
|   |                     |                          |                      |                       |                               |   |   |  |
|   |                     |                          |                      |                       |                               |   |   |  |
|   |                     |                          | ADDITIONAL           | CEMENTING / SO        | QUEEZE RECORD                 | l                                       |   |  |
| Purpose:  |                     | epth Ty<br>Bottom        | pe of Cement         | # Sacks Used          | ed Type and Percent Additives |   |   |  |
| Protect Casii   |                     |                          |                      |                       |                               |   |   |  |
| Plug Off Zon  |                     |                          |                      |                       |                               |   |   |  |
| <ol> <li>Did you perform a</li> <li>Does the volume o</li> <li>Was the hydraulic</li> </ol> | of the total base f | luid of the hydraulic    | fracturing treatment | _                     | _                             | No (If No, sk                           | ip questions 2 an<br>ip question 3)<br>out Page Three | ,  |
| Date of first Producti<br>Injection:  | on/Injection or Re  | esumed Production        | / Producing Meth     | nod:                  | Gas Lift 0                    | Other <i>(Explain)</i>                  |   |  |
| Estimated Production Oil Bbls. Per 24 Hours   |                     |                          |                      |                       |                               | Gas-Oil Ratio                           | Gravity   |  |
| DISPOSITION OF GAS: METHOD OF COI   |                     |                          |                      | METHOD OF COMP        | LETION:                       |   |   | ON INTERVAL:                                   |
| □ Vented     □ Sold     □ Used on Lease     □ Open Hole     □ Perf.                         |                     |                          |                      |                       | mmingled mit ACO-4)           | Тор                                     | Bottom  |  |
| ,   | Submit ACO-18.)     |                          |                      |                       |                               |   |   |  |
| Shots Per<br>Foot   | Perforation<br>Top  | Perforation<br>Bottom    | Bridge Plug<br>Type  | Bridge Plug<br>Set At | Acid,                         | Fracture, Shot, Cer<br>(Amount and Kind | menting Squeeze<br>I of Material Used)                | Record   |
|   |                     |                          |                      |                       |                               |   |   |  |
|   |                     |                          |                      |                       |                               |   |   |  |
|   |                     |                          |                      |                       |                               |   |   |  |
|   |                     |                          |                      |                       |                               |   |   |  |
| TUBING RECORD:  | Size:               | Set /                    | At:                  | Packer At:            |                               |   |   |  |
| . 5513   1200  10.  | 5120.               |                          | ···                  | . 30.0.71             |                               |   |   |  |

| Form      | ACO1 - Well Completion  |
|-----------|-------------------------|
| Operator  | Lario Oil & Gas Company |
| Well Name | DEARDEN-STUCKY UNIT 1-5 |
| Doc ID    | 1567722                 |

## Tops

| Name          | Тор  | Datum |
|---------------|------|-------|
| Heebner       | 3889 | -908  |
| Lansing       | 3940 | -959  |
| Stark Shale   | 4211 | -1230 |
| Hushpuckney   | 4253 | -1272 |
| Base KC       | 4315 | -1334 |
| Marmaton      | 4340 | -1359 |
| Pawnee        | 4430 | -1449 |
| Ft. Scott     | 4450 | -1469 |
| Johnson       | 4532 | -1551 |
| Morrow        | 4550 | -1569 |
| Mississippian | 4562 | -1581 |

| Form      | ACO1 - Well Completion  |
|-----------|-------------------------|
| Operator  | Lario Oil & Gas Company |
| Well Name | DEARDEN-STUCKY UNIT 1-5 |
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## 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 Percent Additives           |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----------------------------|--------------------------------------|
| Surface              | 12.25                | 8.625                 | 23     | 388              | Common            | 240                        | 3% cc, 2%<br>gel                     |
| Production           | 7.875                | 4.5                   | 10.5   | 4690             | AA-2              | 220                        | 10# salt,<br>2% gel, 5#<br>gilsonite |
| Production           | 7.875                | 4.5                   | 10.5   | 2933             | A-Con Lite        | 400                        | 1/4# flo<br>seal                     |
| Production           | 7.875                | 4.5                   | 10.5   | 2933             | AA-2              | 100                        | 10# salt,<br>2% gel, 5#<br>gilsonite |