KOLAR Document ID: 1456363

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 - DESCRIPTION OF WELL & LEASE

| OPERATOR: License #                                    | API No.:   |  |  |  |  |
|--|--|--|--|--|--|
| Name:  | Spot Description:  |  |  |  |  |
| Address 1:   | SecTwpS. R East _ West                                   |  |  |  |  |
| 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: ()  | □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:  |  |  |  |  |
| ☐ Oil ☐ WSW ☐ SWD                                      | Producing Formation:                                     |  |  |  |  |
| Gas DH EOR   | Elevation: Ground: Kelly Bushing:                        |  |  |  |  |
| □ 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?                    |  |  |  |  |
| 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)            |  |  |  |  |
| 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:            |  |  |  |  |
| EOR 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 Drill Stem Tests Received |  |  |  |  |  |  |
| Geologist Report / Mud Logs Received            |  |  |  |  |  |  |
| UIC Distribution                                |  |  |  |  |  |  |
| ALT I II III Approved by: Date:                 |  |  |  |  |  |  |

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#### Page Two

| Operator Name:   |  |                              |                                 |  | Lease Nam  | ne:                          |                                    |  | Well #:  |  |
|--|--|------------------------------|---------------------------------|--|--|------------------------------|------------------------------------|--|--|--|
| Sec Tw   | pS. F  | R [                          | East                            | West   | County:  |                              |                                    |  |  |  |
| open and closed and flow rates if  | , flowing and sh<br>gas to surface t<br>ty Log, Final Lo | nut-in pressurest, along wit | es, whe<br>h final c<br>ain Geo | ther shut-in pre<br>hart(s). Attach<br>physical Data a | essure reached<br>extra sheet if r<br>and Final Electr | station<br>more :<br>ric Loc | level, hydrosta<br>space is needed | tic pressures,<br>d.                           | bottom hole tempe  | val tested, time tool erature, fluid recovery,  Digital electronic log |
| Drill Stem Tests Taken Yes  (Attach Additional Sheets)                         |  |                              |                                 | es No  | Log Formation (Top), Deptl                             |                              |                                    | n and Datum                                    | Sample   |  |
| Samples Sent to  | Geological Sur   | vey                          | Ye                              | es 🗌 No  | Name   |                              |                                    | Тор  | Datum  |  |
| Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run: |  |                              | Y€  Y€                          | es No  |  |                              |                                    |  |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              | Repo                            |  | RECORD [   | Nev                          | w Used rmediate, producti          | on. etc.                                       |  |  |
| Purpose of St  |  | Size Hole<br>Drilled         |                                 | e Casing<br>(In O.D.)                                  | Weight<br>Lbs. / Ft.                                   |                              | Setting<br>Depth                   | Type of Cement                                 | # Sacks<br>Used  | Type and Percent<br>Additives  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              |                                 | ADDITIONAL   | OF MENTING /   |                              |                                    |  |  |  |
| Purpose:   | [  | Depth                        | Typo                            |  | # Sacks Use  |                              | EEZE RECORD                        | Typo a   | ad Parcent Additives   |  |
| Perforate Protect Casing Plug Back TD  |  | Type of Cement               |                                 | # Sacks Osed   |  | Type and Percent Additives   |                                    |  |  |  |
| Plug Off Z   |  |                              |                                 |  |  |                              |                                    |  |  |  |
| Did you perform     Does the volum     Was the hydraul                         | e of the total base                                      | fluid of the hyd             | draulic fra                     | cturing treatmen                                       |  | •                            | Yes ns? Yes                        | No (If No                                      | , skip questions 2 an<br>, skip question 3)<br>, fill out Page Three o | ,  |
| Date of first Produ  | ction/Injection or                                       | Resumed Produ                | uction/                         | Producing Meth   |  |                              | Coolift 0                          | thor (Fundain)                                 |  |  |
| Estimated Production Oil Bbls  |  |                              | le.                             | Flowing Pumping  Gas Mcf                               |  |                              |                                    | ther <i>(Explain)</i><br>bls.                  | Gas-Oil Ratio  | Gravity  |
| Per 24 Hours   |  | Oli Bb                       | 15.                             | Gas  | IVICI  | Wate                         | ı Di                               | JIS.   | Gas-Oil Hallo  | Gravity  |
| DISPOSITION OF GAS:  |  |                              |                                 | N  | METHOD OF COMPLETION:                                  |                              |                                    |  | PRODUCTIO  | N INTERVAL:  |
| Vented Sold Used on Lease  |  | Open Hole Perf.              |                                 |  | Dually Comp. Comming (Submit ACO-5) (Submit AC         |                              | -                                  | Тор  | Bottom   |  |
| (If vente  | ed, Submit ACO-18  | .)                           |                                 |  | (5   | SUDITIIL I                   | ACO-5) (SUDI                       | mit ACO-4)                                     |  |  |
| Shots Per<br>Foot  | Perforation<br>Top                                       | Perforation<br>Bottom        | on                              | Bridge Plug<br>Type                                    | Bridge Plug<br>Set At                                  |                              |                                    | Cementing Squeeze Record ind of Material Used) |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
|  |  |                              |                                 |  |  |                              |                                    |  |  |  |
| TUBING RECOR   | D: Size:   |                              | Set At:                         |  | Packer At:   |                              |                                    |  |  |  |

| Form      | ACO1 - Well Completion |  |  |  |  |  |
|-----------|------------------------|--|--|--|--|--|
| Operator  | Royal Drilling Inc     |  |  |  |  |  |
| Well Name | DEYOUNG 2              |  |  |  |  |  |
| Doc ID    | 1456363                |  |  |  |  |  |

## 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              | 12.25                | 8.625                 | 23     | 281              | Common            | 2% gel;<br>3% cc                 |
| Production           | 7.875                | 4.5                   | 10.5   | 3772             | Common            | 2% gel;<br>3% cc                 |
|                      |                      |                       |        |                  |                   |                                  |
|                      |                      |                       |        |                  |                   |                                  |