KOLAR Document ID: 1674041

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:  |  |
| Address 2:  | Feet from North / South Line of Section                                      |
| City:   | Feet from  |
| Contact Person:   | Footages Calculated from Nearest Outside Section Corner:                     |
| Phone: ()   | □NE □NW □SE □SW  |
| CONTRACTOR: License #   | GPS Location: Lat:, Long:, (e.g. xx.xxxxx)                                   |
| Name:   | Datum: NAD27 NAD83 WGS84   |
| Wellsite Geologist:   | County:  |
| Purchaser:  | Lease Name: Well #:  |
| Designate Type of Completion:   | Field Name:  |
| ☐ New Well ☐ Re-Entry ☐ Workover  | Producing Formation:   |
| ☐ Oil ☐ WSW ☐ SWD   | Elevation: Ground: Kelly Bushing:  |
| ☐ Gas ☐ DH ☐ EOR  | Total Vertical Depth: Plug Back Total Depth:                                 |
| ☐ OG ☐ GSW  | Amount of Surface Pipe Set and Cemented at: Feet                             |
| CM (Coal Bed Methane)   | Multiple Stage Cementing Collar Used? Yes No                                 |
| Cathodic Other (Core, Expl., etc.):   | If yes, show depth set: Feet   |
| If Workover/Re-entry: Old Well Info as follows:   | If Alternate II completion, cement circulated from:                          |
| Operator:   | feet depth to:w/sx cmt.  |
| Well Name:  | leet depth to sx cmt.  |
| Original Comp. Date: Original Total Depth:  |  |
| Deepening       Re-perf.       Conv. to EOR       Conv. to SWD         Plug Back       Liner       Conv. to GSW       Conv. to Producer | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| □ 0 · · · · · · · · · · · · · · · · · ·   | Chloride content: ppm Fluid volume: bbls                                     |
| ☐ Commingled     Permit #:  | Dewatering method used:  |
| SWD Permit #:   | Location of fluid disposal if hauled offsite:                                |
| EOR Permit #:   | Location of fluid disposal if fladied offsite.                               |
| GSW Permit #:   | Operator Name:   |
|   | Lease Name: License #:   |
| Spud Date or Date Reached TD Completion Date or   | QuarterSecTwpS. 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 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 Taken Yes No. (Attach Additional Sheets)                                   |                     |                       |                              |   |   | ation (Top), Depth and Datum |   | Sample   |  |
| Samples Sent to Geological Survey   |                     |                       | Yes No                       | Na                                      | me  |                              | 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 String   |                     | Hole                  | Size Casing<br>Set (In O.D.) | Weight<br>Lbs. / Ft.                    | Setting<br>Depth  | Type of 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 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 COM   |                     |                       |                              |   | LETION:   |                              |   | DN INTERVAL: Bottom                            |  |
|   |                     |                       | Open Hole                    |   |   | . — •                        |   |  |  |
| ,   | 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, Cementing Squeeze Record (Amount and Kind of Material Used) |                              |   | Record   |  |
|   |                     |                       |                              |   |   |                              |   |  |  |
|   |                     |                       |                              |   |   |                              |   |  |  |
|   |                     |                       |                              |   |   |                              |   |  |  |
|   |                     |                       |                              |   |   |                              |   |  |  |
| TUBING RECORD:  | Size:               | Set /                 | At:                          | Packer At:                              |   |                              |   |  |  |
| . 5213   12.00   10.  | 5120.               |                       | ···                          | . 30.0.71                               |   |                              |   |  |  |

| Form      | ACO1 - Well Completion     |
|-----------|----------------------------|
| Operator  | Pennmark Resources Company |
| Well Name | DAVATZ MORROW 301W         |
| Doc ID    | 1674041                    |

## Casing

| Purpose<br>Of String | Size Hole<br>Drilled | Size<br>Casing<br>Set |      |      | Type Of<br>Cement |     | Type and<br>Percent<br>Additives |
|----------------------|----------------------|-----------------------|------|------|-------------------|-----|----------------------------------|
| Surface              | 12.25                | 8.625                 | 24   | 1867 | Poz A             | 800 | 2%CC                             |
| Production           | 7.875                | 5.5                   | 15.5 | 5330 | Poz A             | 250 | 1% CFR2                          |
|                      |                      |                       |      |      |                   |     |                                  |
|                      |                      |                       |      |      |                   |     |                                  |