#### **CORRECTION #1**

KOLAR Document ID: 1685565

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:                                |
| Name:  | (e.g. xx.xxxxx) (e.gxxx.xxxxxx)                          |
| 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? 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)            |
| Committee of the Commit | 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 #:  | Leoditor of haid disposal in hadied 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:                 |  |  |  |  |

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| Operator Name: _  |                      |                       |                      | Lease Name:           |                               |                     | Well #:   |  |
|---|----------------------|-----------------------|----------------------|-----------------------|-------------------------------|---------------------|---|--|
| SecTwp  | oS. R.               | Eas                   | t West               | County:               |                               |                     |   |  |
|   | flowing and shu      | ıt-in pressures, wh   | ether shut-in pre    | essure reached sta    | atic level, hydrosta          | tic pressures, bot  |   | val tested, time tool erature, fluid recovery, |
| Final Radioactivity files must be subr  |                      |                       |                      |                       |                               | iled to kcc-well-lo | gs@kcc.ks.gov   | . Digital electronic log                       |
| Drill Stem Tests Ta   |                      |                       | Yes No               |                       | 3                             | on (Top), Depth ar  |   | Sample   |
| Samples Sent to   | Geological Surv      | ey                    | 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 |                       |                               |                     |   |  |
| List All L. Logs III  | un.                  |                       |                      |                       |                               |                     |   |  |
|   |                      | Rep                   |                      |                       | New Used ntermediate, product | ion, etc.           |   |  |
| Purpose of Stri   |                      |                       | ize Casing           | Weight                | Setting                       | Type of             | # Sacks   | Type and Percent                               |
|   | o Dri                | illed S               | et (In O.D.)         | Lbs. / Ft.            | Depth                         | Cement              | Used  | Additives                                      |
|   |                      |                       |                      |                       |                               |                     |   |  |
|   |                      |                       |                      |                       |                               |                     |   |  |
|   |                      |                       | ADDITIONAL           | CEMENTING / SO        | UEEZE RECORD                  |                     |   |  |
| Purpose:  | De                   | epth Tur              | e of Cement          | # Sacks Used          | JOEEZE NEOGNO                 | Type and F          | Percent Additives                                       |  |
| Perforate   |                      | Bottom                | De of Cement         | # Jacks Osed          |                               | Type and I          | ercent Additives  |  |
| Protect Cas   |                      |                       |                      |                       |                               |                     |   |  |
| Plug Off Zo   | ne                   |                       |                      |                       |                               |                     |   |  |
| <ol> <li>Did you perform a</li> <li>Does the volume</li> <li>Was the hydraulia</li> </ol> | of the total base fl | -                     | racturing treatmen   | _                     |                               | No (If No, sk       | ip questions 2 an<br>ip question 3)<br>out Page Three o |  |
|   | tion/Injection or Re | esumed Production/    | Producing Meth       | nod:                  |                               |                     |   |  |
| Injection:  |                      |                       | Flowing              | Pumping               | Gas Lift C                    | Other (Explain)     |   |  |
| Estimated Product<br>Per 24 Hours   | ion                  | Oil Bbls.             | Gas                  | Mcf W                 | ater B                        | bls. (              | Gas-Oil Ratio   | Gravity  |
| DISPO   | SITION OF GAS:       |                       | N                    | METHOD OF COMP        | LETION:                       |                     | PRODUCTIO   |  |
|   | Sold Used            | on Lease              | Open Hole            |                       |                               | mmingled mit ACO-4) | Тор   | Bottom   |
| Shots Per<br>Foot   | Perforation<br>Top   | Perforation<br>Bottom | Bridge Plug<br>Type  | Bridge Plug<br>Set At | Acid                          | Fracture, Shot, Cer | menting Squeeze   | Record   |
| 1 000   | ТОР                  | Bottom                | 1,700                | 001711                |                               | () unount and time  | or material Good)                                       |  |
|   |                      |                       |                      |                       |                               |                     |   |  |
|   |                      |                       |                      |                       |                               |                     |   |  |
|   |                      |                       |                      |                       |                               |                     |   |  |
|   |                      |                       |                      |                       |                               |                     |   |  |
| TUBING RECORD   | : Size:              | Set At                | :                    | Packer At:            |                               |                     |   |  |

| Form      | ACO1 - Well Completion   |
|-----------|--------------------------|
| Operator  | Landmark Resources, Inc. |
| Well Name | DECKER 1-10              |
| Doc ID    | 1685565                  |

# All Electric Logs Run

| Microresistivity           |
|----------------------------|
| Borehole Compensated Sonic |
| Dual Comp Porosity         |
| Dual Induction             |
| Gamma Ray / Caliper        |

| Form      | ACO1 - Well Completion   |
|-----------|--------------------------|
| Operator  | Landmark Resources, Inc. |
| Well Name | DECKER 1-10              |
| Doc ID    | 1685565                  |

# Tops

| Name           | Тор  | Datum |
|----------------|------|-------|
| Anhydrite      | 2429 | 701   |
| B/Anhydrite    | 2448 | 683   |
| Topeka         | 3754 | -631  |
| Heebner        | 3991 | -871  |
| Toronto        | 4009 | -889  |
| Lansing        | 4036 | -916  |
| С              | 4076 | -954  |
| D              | 4090 | -969  |
| E              | 4141 | -1016 |
| F              | 4157 | -1032 |
| G              | 4178 | -1050 |
| Muncie Creek   | 4229 | -1109 |
| Н              | 4241 | -1120 |
| I              | 4278 | -1158 |
| J              | 4306 | -1183 |
| Stark Shale    | 4330 | -1209 |
| К              | 4333 | -1220 |
| L              | 4382 | -1263 |
| ВКС            | 4424 | -1297 |
| Marmaton       | 4478 | -1356 |
| Altamont       | 4504 | -1386 |
| Pawnee         | 4550 | -1436 |
| Myrick Station | 4587 | -1474 |
| Fort Scott     | 4603 | -1486 |
|                | •    |       |

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|-----------|--------------------------|
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| Well Name | DECKER 1-10              |
| Doc ID    | 1685565                  |

# Tops

| Name              | Тор  | Datum |
|-------------------|------|-------|
| Cherokee          | 4630 | -1512 |
| Johnson           | 4689 | -1568 |
| Morrow Shale      | 4759 | -1638 |
| Upper Morrow Sand | 4832 | -1710 |
| Missippian        | 4852 | -1724 |

| Form      | ACO1 - Well Completion   |
|-----------|--------------------------|
| Operator  | Landmark Resources, Inc. |
| Well Name | DECKER 1-10              |
| Doc ID    | 1685565                  |

#### 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     | 307              | Class A           |     | 3% CaCl<br>2% gel                |
| Production           | 7.875                | 5.50                  | 15.50  | 4915             | Class A           | 210 | HP OWC                           |
| Production           | 7.875                | 5.50                  | 15.50  | 2417             | Class A           |     | Lite<br>Weight<br>Blend VII      |
|                      |                      |                       |        |                  |                   |     |                                  |