KOLAR Document ID: 1599020

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: 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  | Amount of Surface Pipe Set and Cemented at: Feet         |  |  |  |  |
| CM (Coal Bed Methane) 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                             |  |  |  |  |
| •   | If Alternate II completion, cement circulated from:      |  |  |  |  |
| Operator:   | •  |  |  |  |  |
| Well Name:  | feet depth to: 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                 |  |  |  |  |
| 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 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                      |   | Sample   |
| Samples Sent to G   | eological 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         |   |                      |   |   |  |
|   |                     | Re                    |                              |   | New Used             | ion, etc.                               |   |  |
| Purpose of Strin  |                     | Hole                  | 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                  |
|   |                     |                       |                              |   |                      |   |   |  |
|   |                     |                       |                              |   |                      |   |   |  |
|   |                     |                       | 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   |                     |                       |                              |   | Bbls. Gas-Oil Ratio  |   | Gravity   |  |
| DISPOSITION OF GAS: METHOD OF COMPL   |                     |                       |                              |   | 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:                              |                      |   |   |  |
| . 5213   12.00   10.  | 5120.               |                       | ···                          | . 30.0.71                               |                      |   |   |  |

| Form      | ACO1 - Well Completion |
|-----------|------------------------|
| Operator  | Cobalt Energy LLC      |
| Well Name | ELIZABETH "A" 2-36     |
| Doc ID    | 1599020                |

### Perforations

| Shots Per<br>Foot | Perforation<br>Top | Perforation<br>Bottom |                                  | BridgePlugSet<br>At | Material<br>Record |
|-------------------|--------------------|-----------------------|----------------------------------|---------------------|--------------------|
| 4                 | 3517               | 3521                  |                                  |                     |                    |
| 4                 | 3720               | 3724                  | CIBP Cast<br>Iron Bridge<br>Plug | 3700                |                    |
| 4                 | 3387               | 3391                  |                                  |                     |                    |
| 4                 | 3393               | 3395                  |                                  |                     |                    |
| 4                 | 3441               | 3445                  |                                  |                     |                    |
| 4                 | 3458               | 3461                  |                                  |                     |                    |
| 4                 | 3466               | 3472                  |                                  |                     |                    |

| Form      | ACO1 - Well Completion |  |  |  |  |
|-----------|------------------------|--|--|--|--|
| Operator  | Cobalt Energy LLC      |  |  |  |  |
| Well Name | ELIZABETH "A" 2-36     |  |  |  |  |
| Doc ID    | 1599020                |  |  |  |  |

## 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                | 8.675                 | 23     | 220              | 60/40 poz         |     | 3%gel<br>2%cc                    |
| Production           | 8.875                | 5.5                   | 15.5   | 3796             | EA2               | 405 | na                               |
|                      |                      |                       |        |                  |                   |     |                                  |
|                      |                      |                       |        |                  |                   |     |                                  |