Confidentiality Requested: Yes No

## KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1150777

Form ACO-1 August 2013 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. 15  |
|--|---|
| Name:  | Spot Description:   |
| Address 1:   |   |
| Address 2:   | Feet from Dorth / South Line of Section   |
| City: State: Zip:+                                   | Feet from East / West Line of Section   |
| Contact Person:                                      | Footages Calculated from Nearest Outside Section Corner:                        |
| Phone: ()  |   |
| 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:  |
|  | Elevation: Ground: Kelly Bushing:   |
| Gas D&A ENHR SIGW                                    | Total Vertical Depth: Plug Back Total Depth:                                    |
| OG GSW Temp. Abd. 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 ENHR Conv. to SWD        | Duilling Fluid Management Dian  |
| Plug Back       Conv. to GSW       Conv. to Producer | Drilling Fluid Management Plan<br>(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:                                   |
| ENHR         Permit #:                               |   |
| 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           |
| Geologist Report Received       |
| UIC Distribution                |
| ALT I II III Approved by: Date: |

|                           | Page Iwo    | 1150777 |
|---------------------------|-------------|---------|
| Operator Name:            | Lease Name: | Well #: |
| Sec TwpS. R 🗌 East 🗌 West | County:     |         |
|                           |             |         |

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| Drill Stem Tests Taken<br>(Attach Additional Sh | neets)               | Yes No                       |                      | -                | on (Top), Depth a |                   | Sample                        |
|---|----------------------|------------------------------|----------------------|------------------|-------------------|-------------------|-------------------------------|
| Samples Sent to Geolo                           | gical Survey         | Yes No                       | Name                 | 9                |                   | Тор               | Datum                         |
| Cores Taken<br>Electric Log Run                 |                      | ☐ Yes ☐ No<br>☐ Yes ☐ No     |                      |                  |                   |                   |                               |
| List All E. Logs Run:                           |                      |                              |                      |                  |                   |                   |                               |
|   |                      |                              |                      |                  |                   |                   |                               |
|   |                      |                              | RECORD Ne            |                  | ion, etc.         |                   |                               |
| Purpose of String                               | Size Hole<br>Drilled | 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 / SQU      | EEZE RECORD      |                   |                   |                               |
| Purpose:  | Depth                | Type of Cement               | # Sacks Used         |                  | Type and I        | Percent Additives |                               |

 
 Purpose:
 Depth Top Bottom
 Type of Cement
 # Sacks Used
 Type and Percent Additives

 \_\_\_\_\_ Perforate
 \_\_\_\_\_\_
 \_\_\_\_\_\_\_
 \_\_\_\_\_\_\_
 \_\_\_\_\_\_\_\_

 \_\_\_\_\_ Plug Back TD
 \_\_\_\_\_\_\_\_
 \_\_\_\_\_\_\_\_
 \_\_\_\_\_\_\_\_\_

 \_\_\_\_\_ Plug Off Zone
 \_\_\_\_\_\_\_\_\_\_
 \_\_\_\_\_\_\_\_\_\_\_

| Did you perform a hydraulic fracturing treatment on this well?  | Yes |
|---|-----|
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | Yes |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?     | Yes |

(If No, skip questions 2 and 3) (If No, skip question 3)

No

🗌 No

No

(If No, fill out Page Three of the ACO-1)

| Shots Per Foot                       |            | PERFORATION<br>Specify For | RECOF   | RD - Bridge P<br>Each Interval F | lugs Set/Typ<br>Perforated | e                   |          |                              | ement Squeeze Record<br>I of Material Used) | Depth   |
|--------------------------------------|------------|----------------------------|---------|----------------------------------|----------------------------|---------------------|----------|------------------------------|---|---------|
|                                      |            |                            |         |                                  |                            |                     |          |                              |   |         |
|                                      |            |                            |         |                                  |                            |                     |          |                              |   |         |
|                                      |            |                            |         |                                  |                            |                     |          |                              |   |         |
|                                      |            |                            |         |                                  |                            |                     |          |                              |   |         |
|                                      |            |                            |         |                                  |                            |                     |          |                              |   |         |
| TUBING RECORD:                       | Siz        | e:                         | Set At: |                                  | Packer                     | r At:               | Liner R  | un:                          | No  |         |
| Date of First, Resumed               | l Producti | on, SWD or ENHR            | l.      | Producing M                      | lethod:                    | ping                | Gas Lift | Other (Explain)              |   |         |
| Estimated Production<br>Per 24 Hours |            | Oil Bbl                    | S.      | Gas                              | Mcf                        | Wate                | er       | Bbls.                        | Gas-Oil Ratio                               | Gravity |
|                                      |            |                            |         |                                  |                            |                     |          |                              |   |         |
| DISPOSITI                            | ON OF G    | AS:                        | _       |                                  |                            |                     |          | _                            | PRODUCTION INTER                            | VAL:    |
| Vented Solo                          | d 🗌 L      | Jsed on Lease              |         | Open Hole                        | Perf.                      | Uually<br>(Submit A | Comp.    | Commingled<br>(Submit ACO-4) |   |         |
| (If vented, Su                       | ıbmit ACO  | -18.)                      |         | Other (Specify)                  |                            | (Subinit /          |          | (Submit ACO-4)               |   |         |

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

July 08, 2013

Amy McFadden Enerjex Kansas, Inc. 2038 S. PRINCETON ST., STE B OTTAWA, KS 66067

Re: ACO1 API 15-059-26363-00-00 THOELE SOUTH BSP-TS30 NW/4 Sec.29-18S-21E Franklin County, Kansas

**Dear Production Department:** 

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Amy McFadden

258876

TICKET NUMBER 41873

LOCATION oftawa KS FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

CONSOLIDATED

**Oil Well Berviege, LLC** 

# FIELD TICKET & TREATMENT REPORT

|               |              |   |   | A los 141 los 1 A                        | 3   |   |                                       |  |
|---------------|--------------|---|---|--|---|---|---------------------------------------|--|
| DATE          | CUSTOMER #   | WEL   | L NAME & NUME   | 3ER                                      | SECTION   | TOWNSHIP  | RANGE                                 | COUNTY   |
| 5/14/13       | 2579         | 150 Thomas  | ble # BSF   | TS. 30                                   | NW 19   | 18  | <b>DI</b>                             | FR   |
| CUSTOMER      | A            |   |   |  | white and the   | and a single of the second second   | A LONG THE STORE                      | L  |
| Ever          | ier Kiso     | urces 1   | ic  |  | TRUCK #   | DRIVER  | TRUCK #                               | DRIVER   |
| MAILING ADDRE | iss"         |   |   | ]  | 212   | E. M. J   |                                       | DITIACIA   |
| 100.          | - 0 1        |   |   |  | and the second se | Fremad  |                                       |  |
| 10973         | 5 Grand      | view Dr   |   |  | 412   | Hay Aper  | · · · · · · · · · · · · · · · · · · · |  |
| CITY          |              | STATE   | ZIP CODE  |  | 675   | Kei bet   |                                       |  |
|               |              | L   |   |  | 548   | Mik Har   | M                                     |  |
| JOB TYPE 6    | por an       | HOLE SIZE   | 6"  | HOLE DEPTH                               | 620   | CASING SIZE & W   | EIGHT 2.7/8                           | EUF  |
| CASING DEPTH  | 808          | DRILL PIPE  | anna a tha Braddharan an San San San San San San San San Sa | TUBING                                   |   | 1950-1960 - 100 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - | OTHER                                 |  |
| SLURRY WEIGH  | IT           | SLURRY VOL  |   | WATER gal/s                              | k   | CEMENT LEFT in  | CASING った"                            | Pluc   |
| DISPLACEMENT  | <u>4.788</u> | DISPLACEMEN   | IT PSI  | MIX PSI                                  |   | RATE SBAM   |                                       | d  |
| REMARKS: A    | ald aven     | mettre.   | Establ  | ish pun                                  | ap rate.  | Mix +Pu   | m.0 100                               | the Coul   |
| Flus          | h. Mix v     | - Dum R   | SKS   | 70/30                                    | Por mix   | Cement 2  | 2 (vel 5%                             | 3 Salt   |
| 1/2#          | Phann S.     | all SK.   | Come  | it to s                                  | UV Faco.  | 1 1 1   | mon x lin                             |  |
| alea          | en. Diso     | lace 2%   | 2" Rubb   | er plus                                  | to cash   | 101   |                                       | ~  |
| 800           | A A          | ~   | Plessur   |  |   | Value. Sh   |                                       | Control of the Arment of the A |
|               |              |   |   |  | and a second  | THE LING  | <u>vreve</u> ( Q                      | any  |
|               |              | anna fan farfan falfan yn ar yn ar yn ar yn | an a                    | n an |   |   |                                       | T.   |

JTC Drilling

Ful Moder

| ACCOUNT<br>CODE | QUANITY or UNITS  | DESCRIPTION of SERVICES or PRO | DUCT        | UNIT PRICE  | TOTAL   |
|-----------------|---|--------------------------------|-------------|---|---------|
| 5401            |   | PUMP CHARGE                    | 495         |   | 108500  |
| 5406            | р <sup>анда</sup> алын  | MILEAGE                        |             |   | NIC     |
| 5402            | 808   | Casing Footoge                 |             |   | NK      |
| 5407            | 12 Tom minum  | Ton Miles                      | 548         |   | 18400   |
| 5502C           | (/zhr   | 80 BBL Vac Truck               | 625         | маниканан калану калан кала | 13500   |
|                 | anna a su an  |                                |             |   |         |
|                 |   |                                |             |   |         |
| 1127            | 1055K   | 70/30 Poz Mix Cenut            |             |   | 140175  |
| 1118B           | 285#  | Premium ad                     |             |   | 10220   |
| 111.68          | 203*  | Granulated Salt                |             |   | 63.7    |
| 1107A           | 53**  | DI CO                          |             |   | 7155    |
| 4402            |   | 2/2" Rubber plug               |             |   | 2950    |
|                 |   |                                |             |   | <u></u> |
|                 | Mennes en ser en  |                                |             |   |         |
|                 |   |                                | Part        | ennin 2   |         |
|                 | Na han |                                |             | UUMP  | 10194 · |
|                 |   |                                |             |   |         |
|                 | 989.000   |                                | - 16 16 - 1 | venne de je Zan   |         |
| Ravin 3737      | A × A ···   |                                | 7.5%        | SALES TAX   | 128 39  |
|                 | Ky Kill   |                                |             | ESTIMATED TOTAL   | 318116  |
| AUTHORIZTION    | Jun allen   | TITLE                          |             |   | 0121-   |

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this :

UNITERTERTO ROPOS LUOMINIC OIL

AT2 (2253AA

### DRILL LOG

Operator License# 33741

**Operator** Enerjex Kansas

Address 2038 S. Princeton St., Ste. B , Ottawa, KS

Phone 785-241-2228

Contractor License # 32834

T.D 820 TD of Pipe 808

Surf Pipe Size\_7" Denth\_\_\_20'

API # 15-059-26363-00-00

Lease Name Thoele south

Well # BSP TS 30

Spud Date 5/9/13 Cement 5/14/13

Contractor JTC Oil, Inc.

3 sacks cement

**County Franklin** 

| Thickness | Strata | From | То  | Thickness | Strata      | From | To  |
|-----------|--------|------|-----|-----------|-------------|------|-----|
| 2         | soil   | 0    | 2   | 7         | lime        | 206  | 213 |
| 2         | lime   | 2    | 4   | 2         | shale       | 213  | 215 |
| 6         | clay   | 4    | 10  | 4         | red bed     | 215  | 219 |
| 17        | lime   | 10   | 27  |           | shale       | 219  | 256 |
| 29        | shale  | 27   | 56  | 15        | lime        | 256  | 271 |
| 35        | lime   | 56   | 91  | 10        | shale       | 271  | 281 |
| <u>71</u> | shale  | 91   | 162 | 28        | lime        | 281  | 309 |
| 19        | lime   | 162  | 191 | 11        | black shale | 309  | 320 |
| 8         | shale  | 181  | 189 | 23        | lime        | 320  | 343 |
| 2         | lime   | 181  | 191 | 4         | coal        | 343  | 347 |
| 15        | shale  | 191  | 206 | 12        | lime        | 347  | 359 |
|           |        |      |     | 150       | shale       | 359  | 510 |

|   | 4  | lime        | 510            | 514          |
|---|----|-------------|----------------|--------------|
|   | 10 | shale       | 514            | 524          |
| ) | 16 | lime        | 524            | 540          |
|   | 6  | shale       | 540            | 546          |
|   | 2  | sand        | 546            | 548          |
|   | 22 | little oil  | 548            | _550         |
|   | 2  | little oil  | 550            | 552          |
|   | 2  | little oil  | 552            | 554          |
|   | 2  | little oil  | 554            | 556          |
|   | 2  | little oil  | 556            | 558          |
|   | 2  | nil sand    | 559.5          | <u>60 ok</u> |
|   | 2  | little oil  | 560-5          | <u>62</u>    |
|   | 2  | sand        | 562-5          | 64           |
|   | 22 | shale       | 564-5          | 86           |
|   | 2  | coal        | <u>586-5</u>   | 88           |
|   | 5  | shale       | 588-5          | <u>93</u>    |
|   | 8  | lime        | 593-6          | <u>01</u>    |
|   | 13 | shale       | <u>601-6</u>   | 14           |
|   | 3  | lime        | 614-6          | 17           |
|   | 18 | black shale | <u>617-6</u> 3 | 35           |
|   | 13 | lime        | 635-64         |              |
|   | 14 | shale       | 648-60         | 52           |

| 7              | lime                             | 662-669                                    |
|----------------|----------------------------------|--|
| <br>2          | lime oil                         | 669-671 good                               |
| 2              | lime oil                         | 671-673good                                |
| 2              | lime oil                         | 673-675 good                               |
| 2              | lime oil                         | 675-677 ok                                 |
| 6              | coal                             | 677-683                                    |
| 15             | sand                             | 683-698                                    |
|                |                                  |  |
| 48             | shale                            | 698-746                                    |
| <u>48</u><br>2 | shale<br>oil sand                | <u>698-746</u><br>746-748 ok               |
|                |                                  |  |
| 2              | oil sand                         | 746-748 ok                                 |
| 2              | oil sand<br>oil sand             | 746-748 ok<br>748-750 good                 |
| 2              | oil sand<br>oil sand<br>oil sand | 746-748 ok<br>748-750 good<br>750-752 good |