# 

Confidentiality Requested:

Yes No

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1256034

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:                                      |   | SecTwpS. R   |
| Address 2:                                      |   | Feet from North / South Line of Section                  |
| City: State: 2                                  | 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.xxxxxx) (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:  |
|   |   | Producing Formation:                                     |
| Oil WSW SWD                                     | SIOW                                    | Elevation: Ground: Kelly Bushing:                        |
| ☐ Gas ☐ D&A ☐ ENHR☐ OG ☐ GSW                    | ☐ SIGW                                  | Total Vertical Depth: Plug Back Total Depth:             |
| ☐ OG ☐ GSW ☐ CM (Coal Bed Methane)              | Temp. Abd.                              | 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                   |   |  |
| Deepening Re-perf. Conv. to I                   | <u>.</u>                                | Drilling Fluid Management Plan                           |
|   | GSW Conv. to Producer                   | (Data must be collected from the Reserve Pit)            |
|   | _                                       | Chloride content:ppm Fluid volume:bbls                   |
|   |   | Dewatering method used:                                  |
|   |   | Downtoning motion dood.                                  |
|   |   | Location of fluid disposal if hauled offsite:            |
|   |   | Operator Name:   |
| GSW Permit #:                                   |   | Lease Name: License #:                                   |
| Canad Data as Data Data LTD                     | Completion Data and                     | Quarter Sec Twp S. R                                     |
| Spud Date or Date Reached TD Recompletion Date  | Completion Date or<br>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: |  |  |  |  |  |

| Operator Name:   |  |                              |                                   | _ Lease N                 | √ame: _                |                                      |  | _ Well #:   |                               |
|--|--|------------------------------|-----------------------------------|---------------------------|------------------------|--------------------------------------|--|---|-------------------------------|
| Sec Twp  | S. R   | East                         | West                              | County                    | :                      |                                      |  |   |                               |
| INSTRUCTIONS: Show open and closed, flowing and flow rates if gas to                     | ng and shut-in pressur<br>surface test, along wi | res, whethe<br>th final char | r shut-in pre<br>t(s). Attach     | ssure reacl<br>extra shee | hed stati<br>t if more | c level, hydrosta<br>space is needed | tic pressures, bo<br>d.                    | ttom hole temp  | erature, fluid recovery,      |
| Final Radioactivity Log, files must be submitted   |  |                              |                                   |                           |                        | gs must be ema                       | iled to kcc-well-lo                        | ogs@kcc.ks.go   | v. Digital electronic log     |
| Drill Stem Tests Taken<br>(Attach Additional Sh  | neets)   | Yes                          | No                                |                           |                        |                                      | on (Top), Depth a                          |   | Sample                        |
| Samples Sent to Geolo  | gical Survey                                     | Yes                          | No                                |                           | Nam                    | e                                    |  | Тор   | Datum                         |
| Cores Taken<br>Electric Log Run  |  | Yes Yes                      | ☐ No<br>☐ No                      |                           |                        |                                      |  |   |                               |
| List All E. Logs Run:  |  |                              |                                   |                           |                        |                                      |  |   |                               |
|  |  | Report a                     | CASING                            |                           | Ne                     | w Used                               | on, etc.                                   |   |                               |
| Purpose of String  | Size Hole<br>Drilled                             | Size C<br>Set (In            | asing                             | Weig<br>Lbs. /            | ght                    | Setting<br>Depth                     | Type of<br>Cement                          | # Sacks<br>Used   | Type and Percent<br>Additives |
|  |  |                              |                                   |                           |                        |                                      |  |   |                               |
|  |  |                              | ADDITIONAL                        | CEMENTIN                  | MG / SQL               | JEEZE RECORD                         |  |   |                               |
| Purpose:   | Depth  | Type of 0                    |                                   | # Sacks                   |                        |                                      | Type and I                                 | Percent Additives   |                               |
| Perforate Protect Casing Plug Back TD  | Top Bottom                                       |                              |                                   |                           |                        |                                      |  |   |                               |
| Plug Off Zone  |  |                              |                                   |                           |                        |                                      |  |   |                               |
| Did you perform a hydrauli<br>Does the volume of the tota<br>Was the hydraulic fracturin | al base fluid of the hydra                       | ulic fracturing              |                                   |                           | -                      | = =                                  | No (If No, sk                              | cip questions 2 ar<br>cip question 3)<br>I out Page Three |                               |
| Shots Per Foot   | PERFORATION<br>Specify Fo                        |                              | - Bridge Plugs<br>h Interval Perf |                           |                        |                                      | cture, Shot, Cemen<br>mount and Kind of Ma |   | d Depth                       |
|  |  |                              |                                   |                           |                        |                                      |  |   |                               |
|  |  |                              |                                   |                           |                        |                                      |  |   |                               |
| TUBING RECORD:   | Size:  | Set At:                      |                                   | Packer At                 | :                      | Liner Run:                           | Yes No                                     |   |                               |
| Date of First, Resumed P   | roduction, SWD or ENH                            | R. Pi                        | roducing Meth                     | od: Pumpin                | g                      | Gas Lift C                           | Other (Explain)                            |   |                               |
| Estimated Production<br>Per 24 Hours   | Oil Bb   | ols.                         | Gas                               | Mcf                       | Wate                   | er B                                 | bls.                                       | Gas-Oil Ratio   | Gravity                       |
| DISPOSITION  | N OF GAS:  |                              | N                                 | METHOD OF                 | COMPLE                 | ETION:                               |  | PRODUCTION  | ON INTERVAL:                  |
| Vented Sold  | Used on Lease                                    | Оре                          | n Hole                            | Perf.                     | Dually                 |                                      | nmingled                                   |   |                               |
| (If vented, Subn   | nit ACO-18.)                                     | Othe                         | er (Specify)                      |                           | (SUDITIIL A            | (SUb                                 | mit ACO-4) —                               |   |                               |



Current

**Wellbore Schematic** 

Schematic Origin

14 3/4" Hole

TOC @ 3245'

Original Completion ()

Current

Workover

Proposed

 Field
 Waldron West

 County
 Harper

 State
 KS

 Well
 ETHAN JOHN 2-5 SWD

 SH Location
 SEC 5, TWP 33S, RNG 6W

 Flevations
 1379 KR: 1363 GI.

15-077-21799 **API No.** 

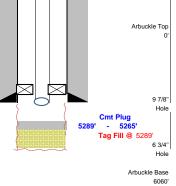
|   | Well Bore Data   | MD             | <u>TVD</u>   |  |
|---|--|----------------|--------------|--|
|   |  |                |              |  |
| 20" 94# H-40 Condu                            | ictor Pipe   | 93             |              |  |
| 15 jts 10-3/4" 45.5#                          | J-55 rsn @   | 691            |              |  |
| 5.5# J-55: Cplg OD<br>Cmt'd w/ 400 sxs O-     | =11.46* ID=9.95 Drift=9.794 Collapse= 2090 Inter<br>tex Lite @ 12.7 ppg (Yield=1.84), followed by 180 s<br>ild=1.18). Returns (76 bbls to surface). Floats held. | nal Yield=3580 |              |  |
|   |  | Length To      |              |  |
| B<br>0' Y 5 1/2" 17 0# B                      | P-110 LT&C Chrome Pup  | 16<br>10       | 0<br>16      |  |
|   | -110 L1&C Chrome Pup<br>LT&C TK-70XT IPC Pup (as req'd for spacing)  | 10             | 16<br>26     |  |
| -1/2" LT&C Box x 3                            | 3-1/2" EUE 8rd Pin Nickel XO   | 1              | 5046         |  |
|   | On-Off tool w/ 2.81" "X" profile nipple  | 2              | 5047         |  |
| '-5/8" X 3-1/2" AS-A<br>6' X 3-1/2" Nickel Co | X PKR coated w/ carbide slips @(TOP)   | 8              | 5049<br>5057 |  |
|   | d XN nipple w/ 2.66" No/Go   | 1              | 5063         |  |
| 3-1/2" Nickel Coated                          |  | 1              | 5064         |  |
| EOT   |  | 0              | 5065         |  |
| Date  | Well History Operations Summary  |                |              |  |
|   | Passed MIT   |                |              |  |
| 5/13/2015                                     | RIH w/ SL tag 5253'  |                |              |  |
| 6/3/2015                                      | RIH w/ CT and tag 5289' pump 9 sks class H cem   | ent            |              |  |
| 0///00/5                                      |  |                |              |  |
| 6/4/2015                                      | RIH w/ SL tag 5265'  |                |              |  |

| 5072' | 16'                    |
|-------|------------------------|
| 2'    | 5067'                  |
| 45'   | 5068'                  |
| 38'   | 5114'                  |
| 2'    | 5152'                  |
| 0'    | 5154'                  |
|       | 2'<br>45'<br>38'<br>2' |

29.7# L-80: Cplg OD =8.010" ID=6.875 Drift=6.75 Collapse= 4790 Internal Yield=6890

Cmt'd w/ 270 sxs O-Tex Std Lite mixed at 13.6 ppg (Yield=1.44). Full returns. Floats held.

TD @ 6,408





### **Daily Operations ETHAN JOHN 2-5 SWD**

123 Robert S. Kerr Ave. Oklahoma City, OK 73102

Report Date: 6/5/2015, Report # 6, DFS: 893.21

| ΙГ | Corporate ID |        | API No. Operated? |          |                           | Operator |             | Current Well Status                      | Working Int (%) |          |                 |           |         |
|----|--------------|--------|-------------------|----------|---------------------------|----------|-------------|--|-----------------|----------|-----------------|-----------|---------|
| Ш  | 120994       |        | 15077             | 21799000 | 00                        | Yes      |             | SANDRIDGE EXPLORATION AND PRODUCTION LLC |                 |          | SERVICE         | 72.738400 |         |
| П  | Well Type    |        | Well Co           | nfig     | Dual Completion? Division |          | Subdivision | State                                    | County/Parish   | District | Well Sub-Status | NRI (%)   |         |
| Ш  | DEVELOP      | MENT   | SWD               |          | No                        | MIDCON   |             | DEVELOPMENT                              | KS              | HARPER   |                 | SWD       | .000000 |
| П  | Township     | Twnshp | N/S Dir           | Range    | Range E/W Dir             | Section  | Section Suf | Field Name                               |                 |          |                 |           |         |
| Ш  | 33           | 9      | 3                 | 6        | W                         | 5        |             | WALDRON WEST                             |                 |          |                 |           |         |

**Daily Operations** 

Report Start Date 6/4/2015 05:00 Report End Date 6/5/2015 05:00

Operations at Report Time

Operations Summary

Tag cmt w/ SL w/ KCC as witness, FINAL REPORT Operations Next 24 Hours

TOTP

#### **Daily Contacts**

Job Contact

| Time Lo    | Time Log |          |                 |           |          |                      |                    |   |
|------------|----------|----------|-----------------|-----------|----------|----------------------|--------------------|---|
| Start Time | End Time | Dur (hr) | Cum Dur<br>(hr) | ladc Code | Category | Dpth Start<br>(ftKB) | Dpth End<br>(ftKB) | Description   |
| 05:00      | 07:00    | 2.00     | 2.00            |           |          |                      |                    | WSI   |
| 07:00      | 08:00    | 1.00     | 3.00            |           |          |                      |                    | HSM JSA, MIRU Asher SLU, RU 1-5/8" SB.                      |
| 08:00      | 09:00    | 1.00     | 4.00            |           |          |                      |                    | RIH w/ SL & tag cmt @ 5265' KB, KCC witness (Ken Scolfield) |
| 09:00      | 05:00    | 20.00    | 24.00           |           |          |                      |                    | WSI. FINAL REPORT.  |

### **Summary of Changes**

Lease Name and Number: Ethan John 2-5 SWD

API/Permit #: 15-077-21799-00-00

Doc ID: 1256034

Correction Number: 1

Approved By: NAOMI JAMES

| Field Name                        | Previous Value   | New Value  |
|-----------------------------------|--|--|
| Approved Date                     | 03/08/2013   | 06/25/2015   |
| CasingAdd_Type_PctP<br>DF_1       |  | NA   |
| CasingPurposeOfString PDF_2       | surface  | Surface  |
| CasingSizeHoleDrilledP<br>DF_1    | 32   | 30   |
| Cementing Purpose<br>Plug Back TD | No   | Yes  |
| CementingDepth1_PDF               | -  | 5265-5289  |
| CementingDepthBase1               |  | 5289   |
| CementingDepthTop1                |  | 5265   |
| Fracturing Question 1             |  | No   |
| LocationInfoLink                  | https://solar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=5&to | https://kolar.kgs.ku.edu/kcc/detail/locationInformation.cfm?section=5&to |

## Summary of changes for correction 1 continued

| Field Name   | Previous Value                                   | New Value  |
|--|--|--|
| Number Of Sacks Used for Cementing /                   |  | 270  |
| Squeezing- Line 1<br>Operator's Contact<br>Name        | Wanda Ledbetter                                  | Tiffany Golay                                    |
| Operator's Phone                                       | 429-6474   | 429-6543   |
| Plug Back Total Depth                                  |  | 5265   |
| Save Link  | //kcc/detail/operatorE<br>ditDetail.cfm?docID=11 | //kcc/detail/operatorE<br>ditDetail.cfm?docID=12 |
| Type Of Cement Used for Cementing / Squeezing - Line 1 | 13599  | 56034<br>O-Tex Std Lite                          |

### **Summary of Attachments**

Lease Name and Number: Ethan John 2-5 SWD

API: 15-077-21799-00-00

Doc ID: 1256034

Correction Number: 1

**Attachment Name** 

**WBD** 



# CONFIDENTIAL OIL & GAS (

Kansas Corporation Commission Oil & Gas Conservation Division

1113599

Form ACO-1
June 2009
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:   | SecTwpS. R  |
| Address 2:   | Feet from North / South Line of Section   |
| City:  | Feet from East / West Line of Section   |
| Contact Person:  | Footages Calculated from Nearest Outside Section Corner:  |
| Phone: ()  | □NE □NW □SE □SW   |
| CONTRACTOR: License #  | County:   |
| Name:  | Lease Name: Well #:   |
| Wellsite Geologist:  | Field Name:   |
| Purchaser:   | Producing Formation:  |
| Designate Type of Completion:  | Elevation: Ground: Kelly Bushing:   |
| New Well Re-Entry Workover   | Total Depth: Plug Back Total Depth:   |
| □ Oil         □ WSW         □ SIOW           □ Gas         □ D&A         □ ENHR         □ SIGW           □ OG         □ GSW         □ Temp. Abd.           □ CM (Coal Bed Methane)         □ Cathodic         □ Other (Core, Expl., etc.): | Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Feet  If Alternate II completion, cement circulated from: |
| If Workover/Re-entry: Old Well Info as follows:  | feet depth to:w/sx cmt  |
| Operator:  | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)  |
| Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD   | Chloride content: ppm Fluid volume: bbls  Dewatering method used:   |
| Plug Back: Plug Back Total Depth   | Location of fluid disposal if hauled offsite:   |
| Commingled Permit #:   | Operator Name:  |
| Dual Completion Permit #:  | Lease Name: License #:  |
| SWD Permit #:  | Quarter Sec TwpS. R   |
| ENHR Permit #:   | County: Permit #:   |
| GSW Permit #:  |   |
| Spud Date or Date Reached TD Completion Date or  |   |

#### **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                |
|------------------------------------|
| Letter of Confidentiality Received |
| Date:                              |
| Confidential Release Date:         |
| Wireline Log Received              |
| Geologist Report Received          |
| UIC Distribution                   |
| ALT I II III Approved by: Date:    |