

### Kansas Corporation Commission Oil & Gas Conservation Division

### 1166050

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 🔲 East 🗌 West  |
| 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         SWD         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? |
| If Workover/Re-entry: Old Well Info as follows:  |   |
| Operator: Well Name:   | 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  Conv. to GSW  | 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:  |
| ☐ ENHR         Permit #:           ☐ GSW         Permit #:   | County: Permit #:   |
| Spud Date or Date Reached TD Completion Date or Recompletion Date  |   |

#### **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:    |

Side Two



| Operator Name:   |  |                                     |                                | _ Lease N            | lame:     |   |                        | Well #:           |          |                         |
|--|--|-------------------------------------|--------------------------------|----------------------|-----------|---|------------------------|-------------------|----------|-------------------------|
| Sec Twp  | S. R   | East                                | West                           | County:              |           |   |                        |                   |          |                         |
| INSTRUCTIONS: Sh<br>time tool open and clo<br>recovery, and flow rate<br>line Logs surveyed. A | osed, flowing and shu<br>es if gas to surface te | t-in pressures,<br>st, along with f | whether sh<br>inal chart(s     | nut-in press         | ure reach | ed static level,  | hydrostatic pres       | sures, bottom h   | ole temp | erature, fluid          |
| Drill Stem Tests Taker<br>(Attach Additional S   |  | Yes                                 | No                             |                      | Log       | y Formation   | n (Top), Depth a       | nd Datum          |          | Sample                  |
| Samples Sent to Geo  | logical Survey                                   | Yes                                 | No                             |                      | Name      |   |                        | Top Datum         |          |                         |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitte<br>(If no, Submit Copy                | d Electronically                                 | Yes Yes Yes                         | ☐ No<br>☐ No<br>☐ No           |                      |           |   |                        |                   |          |                         |
| List All E. Logs Run:  |  |                                     |                                |                      |           |   |                        |                   |          |                         |
|  |  | Report all                          | CASING I                       |                      | New       | Used mediate, producti  | on, etc.               |                   |          |                         |
| Purpose of String  | Size Hole<br>Drilled                             | Size Ca<br>Set (In C                | sing                           | Weigi<br>Lbs. /      | ht        | Setting<br>Depth  | Type of<br>Cement      | # Sacks<br>Used   | , ,,     | and Percent<br>dditives |
|  |  |                                     |                                |                      |           |   |                        |                   |          |                         |
|  |  | AI                                  | DDITIONAL                      | CEMENTIN             | G / SQUE  | EZE RECORD  |                        |                   |          |                         |
| Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone                                  | Depth<br>Top Bottom                              | Type of Co                          | ement                          | # Sacks              | Used      |   | Type and               | Percent Additives |          |                         |
|  |  |                                     |                                |                      |           |   |                        |                   |          |                         |
| Shots Per Foot   | PERFORATI<br>Specify I                           | ON RECORD -<br>Footage of Each      | Bridge Plugs<br>Interval Perfo | s Set/Type<br>orated |           | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Del |                        |                   |          |                         |
|  |  |                                     |                                |                      |           |   |                        |                   |          |                         |
|  |  |                                     |                                |                      |           |   |                        |                   |          |                         |
| TUBING RECORD:   | Size:  | Set At:                             |                                | Packer At:           |           | Liner Run:  |                        |                   |          |                         |
| Date of First, Resumed   | Production, SWD or EN                            |                                     | ducing Meth                    | od:                  |           | as Lift C   | Yes No                 | 0                 |          |                         |
| Estimated Production<br>Per 24 Hours   | Oil  | Bbls.                               |                                | Mcf                  | Water     |   | ols.                   | Gas-Oil Ratio     |          | Gravity                 |
| DISPOSITIO   | ON OF GAS:                                       |                                     | M                              | IETHOD OF            | COMPLET   | ION:  |                        | PRODUCTIO         | ON INTER | VAL:                    |
| Vented Sold  | Used on Lease                                    | Open                                | Hole Specify)                  | Perf.                | Dually (  |   | nmingled<br>mit ACO-4) |                   |          |                         |

LEASE NAME ORPLA OPERATOR VFALO: START DATE: 9-5-13
WELL# 3 LOCATION: API =

SURFACE PIPE: Ft Cement(#bags)6

PRODUCTION: PIPE: SIZE: 7% =FT 6778,3

| Thickness                               | Formation          | Comment      | Depth | Thickness | Formation | Comment             | Depth |
|---|--------------------|--------------|-------|-----------|-----------|---------------------|-------|
| 2                                       | soil relay         |              | ユ     |           |           |                     | -     |
|   | line               |              | .5    |           |           |                     |       |
| 3                                       | cl.le              |              | 7     |           |           |                     |       |
| <u>ت</u>                                | shale<br>lim       |              | 16    |           |           |                     |       |
| 28                                      | Shale              |              | 38    |           |           |                     |       |
| 18                                      | 1im                |              | 56    |           |           |                     |       |
| <b>A</b> 94                             | 5414               |              | 150   |           |           |                     |       |
| 717                                     | liven              |              | 167   |           |           |                     |       |
| 18                                      | 1 10               |              | 185   |           |           |                     |       |
| 8                                       | shals<br>line      |              | 193   |           |           |                     | _     |
| 43                                      | Shales             |              | 234   |           |           |                     |       |
|   | 11                 |              | 248   |           |           |                     |       |
| 12                                      | h'<br>shale        |              | 290   |           |           |                     |       |
| 7                                       | line               | BKC          | 297   |           |           |                     |       |
| 174                                     | Ashala.            | D 19         | 47)   |           |           |                     |       |
| 7                                       | live               |              | 478   |           |           |                     |       |
| 52                                      | shale              |              | 530   |           |           |                     |       |
|   | line               | <del> </del> | 537   |           |           |                     |       |
| 76                                      | Shale              | <del> </del> | 543   |           |           |                     |       |
| 7                                       | 1in-               | +            | 550   |           |           |                     |       |
| 29                                      | Shals              |              | 579   |           |           |                     |       |
|   | line               |              | 584   |           |           |                     |       |
| 5                                       | Shale              |              | 590   |           |           |                     |       |
|   | line               |              | 596   |           | 30        |                     |       |
| 4                                       |                    |              | 697   |           |           |                     |       |
| 41                                      | Shale<br>broken sa | J 1.7e bleed | 665   |           |           |                     |       |
| 5                                       |                    |              | 670   |           |           |                     |       |
| 40                                      | grey same          |              | טור   | 3         |           | Kenny<br>31. BAFFLE |       |
| 7                                       | shale              | A good bleed | 717   | 1         |           | 31.5 BAFFLE         |       |
|   | 11 11              | Hoad steed   | 720   |           |           | No.                 |       |
| 27                                      | واساق دراري        |              | 757   |           |           |                     |       |
| 37                                      | Shale              | /10 on lon   | 800   |           |           |                     |       |
| 43                                      | bown 39            | MOI NO 011   |       |           |           |                     |       |
| -11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 | <del></del>        |              |       |           |           |                     |       |
|   |                    |              |       | 1         |           |                     |       |



262134

LOCATION O+ to we FOREMAN Alan Made

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

## FIELD TICKET & TREATMENT REPORT

| TRUCK# DRIVER  OF GUNDAY Mach  OTHER BR. 747  FT In CASING YAS  WEST SELECTION  AND SELECTION  A | TRUCK# DRIVER TRUCK  516 Stand Support  320 Set Juc  PTH 800 CASING SIZE & WEIGHT  OTHER 5  all/sk CEMENT LEFT in CASING  RATE 66 PLAN   | STREET E ZIP CODE S 67401  SIZE 5 8 HOLE D PIPE TUBING RY VOL WATER ACEMENT PSI 800 MIX PSI 9 HOLE D 100 F C 1   | ENONTHS  STATE   | DATE  9.9-13  CUSTOMER  STING  CITY  SALING ADDRES  SING DEPTH  CLURRY WEIGHT  DISPLACEMENT  DEMARKS: HE  CLURRY WEIGHT  LEMARKS: HE  L |
|--|--|--|--|--|
| TRUCK# DRIVER  OF GUTON, Moet  OF GUTON, Moet  OF TIN CASING V & S  OF GUTON,  OF GUTON, | TRUCK# DRIVER TRUCK  516 Alg Mod Suf  310 Set Tuc  PTH 800 CASING SIZE & WEIGHT  OTHER S  allok CEMENT LEFT In CASING  RATE Alguna  Fightwest by 103545 50  Them a seed for 156  | STREET  E ZIP CODE  6 7401  SIZE 5 B HOLE D  PIPE TUBING  RY VOL WATER  ACEMENT PSI 800 MIX PSI  9 100 to ge 1   | ENONTH S  STATE  STATE  STATE  SUS STATE  SU | SALING ADDRES  SALING  SALING  OB TYPE  ASING DEPTH  LURRY WEIGHT  ISPLACEMENT  EMARKS: HE  CINCLE  CINCLE  ASING  |
| E & WEIGHT 2 78 OTHER BR. 747 FT IN CASING VAS WEIGHT 2 78 OFF CASING VAS SIGNATER S | 516 Stand Guston 318 SNIPED 320 Set Juc  PTH 800 CASING SIZE & WEIGHT  OTHER S  allok CEMENT LEFT In CASING  RATE SIDER  TOPOWERS BY 1035550  Then seed for Gar  | STREET E ZIP CODE S 67401  SIZE 5 8 HOLE D PIPE TUBING RY VOL WATER ACEMENT PSI 800 MIX PSI 9 HOLE D 100 F C 1   | ENONTH S STATE  STATE  STATE  STATE  SS  STATE   | STINGS  ALLING ADDRES  TY  SGLING  B TYPE DO  ASING DEPTH  URRY WEIGHT  SPLACEMENT  SMARKS: HE  MIXED  CINCIN  D  G  CINCIN  D  G  CINCIN  D  G  G  COM-RM   |
| E & WEIGHT 2 78 OTHER S. 747 FT IN CASING V & S WEIGHT 2 78 OF 10 10 10 10 10 10 10 10 10 10 10 10 10  | 516 Stand Guston 318 SNIPED 320 Set Juc  PTH 800 CASING SIZE & WEIGHT  OTHER S  allok CEMENT LEFT In CASING  RATE SIDER  TOPOWERS BY 1035550  Then seed for Gar  | STREET E ZIP CODE S 67401  SIZE 5 8 HOLE D PIPE TUBING RY VOL WATER ACEMENT PSI 800 MIX PSI 9 HOLE D 100 F C 1   | ENONTH S STATE  STATE  STATE  STATE  SS  STATE   | Saling B TYPE DO SING DEPTH URRY WEIGHT SPLACEMENT MARKS: HE M: YEL Circum   |
| E&WEIGHT 2 1/8 OTHER SP. 747 FT In CASING Y & S WEIGHT 2 1/8 OTHER SP. 747 FT IN CASING Y & S WEIGHT 2 1/8 OTHER S | DISTORY OF THE STATE OF THE STA | SIZE S B HOLE E  PIPE TUBING RY VOL WATER ACEMENT PSI 800 MIX PSI  PO F C I  | STATE  AS STATUS HOLE SIZE  DRILL PIPE  SLURRY VO  H. J. DISPLACEM  L. A. Meeting  A framfed  L. Alus 270  Latta (eme  | Saling B TYPE DO SING DEPTH URRY WEIGHT SPLACEMENT MARKS: He M: Xed Circle Do  |
| other br. 747 FT in CASING VAS Weller Walter 1515 50/50 Graffed plug   | CEMENT LEFT IN CASING  RATE HIGHEN  STATE HIGHEN  TODOWN D. 1035550  THERE GET PROCESS  THERE GET PROCESS  LEFT TO THE CONTROL OF THE CONTROL | SIZE 5 B HOLE C. PIPE TUBING RY VOL WATER ACEMENT PSI 800 MIX PSI POST PSI SE I  | DAS SALVE HOLE SIZE  DAS DRILL PIPE  SLURRY VO  DISPLACEM  A PLANT FER  LA PLANT FER   | Saling B TYPE DO SING DEPTH URRY WEIGHT SPLACEMENT MARKS: He Mixed Circle Do   |
| other br. 747 FT In CASING V & S Who was to be a served to be a se | CEMENT LEFT IN CASING  RATE HIGHEN  STATE HIGHEN  TODOWN D. 1035550  THERE GET PROCESS  THERE GET PROCESS  LEFT TO THE CONTROL OF THE CONTROL | SIZE S HOLE D PIPE TUBING RY VOL WATER ACEMENT PSI 800 MIX PSI 9 TOKSED TO CE  | DAS SALVE HOLE SIZE  DAS DRILL PIPE  SLURRY VO  DISPLACEM  A PLANT FER  LA PLANT FER   | B TYPE DESING DEPTH URRY WEIGHT SPLACEMENT MARKS: HE MARKS: HE CIRCLE DO GO  |
| other br. 747 FT In CASING V & S Who was to be a second of the second of | CEMENT LEFT IN CASING  RATE HIGHEN  STATE HIGHEN  TODOWN D. 1035550  THERE GET PROCESS  THERE GET PROCESS  LEFT TO THE CONTROL OF THE CONTROL | PIPETUBING RY VOL WATER ACEMENT PSI_800 MIX PSI RY FORKER TO CE  | DRILL PIPE T SLURRY VO  4.3 DISPLACEM  A framfed  1.4 Alus 270  Latel ceme  2.5/14, Well   | SING DEPTH_<br>URRY WEIGHT<br>SPLACEMENT<br>MARKS: He<br>M: Xed<br>C: Xed<br>C: Xed  |
| Holm<br>Holm<br>100 rate,<br>3045 50150<br>4 cak,<br>applied plug  | RATE WEST OF TOOLSHED BY 103015 50   | ACEMENT PSI 800 MIX PSI  ACEMENT PSI 800 MIX P | SLURRY VO<br>4,3 DISPLACEM<br>When fed to<br>14 Alus 270<br>Latel Ceme<br>25/14, Wel   | URRY WEIGHT<br>SPLACEMENT<br>MARKS: He<br>Mixed<br>Leun-en<br>Circu  |
| hlbfm<br>sed rate,<br>3.515 50/50<br>ge sext,<br>applied plug<br>blood Cloon   | Typhoned by 10355 50   | ACEMENT PSI 800 MIX PSI  9 Hadded to Co  100 F ce 1  | He DISPLACEMENT A Promped 1<br>12 plus 270<br>14 plus 270<br>14th ceme   | SPLACEMENT<br>MARKS: He<br>Mixed<br>Lemen<br>Circu   |
| sed rate, 3.515 50/50  ge seak, amfred plug Llove  | typhoned by 103545 50 Pheno sed per sa   | no Hodsed to co  | A fumfed in 270 lattle come  | Marks: He<br>Mixed<br>Cemen<br>Circu<br>To bo  |
| 3.515 50/50<br>gr sank,<br>amfed plug  | bene sed for se  | 20 sel 8 1/20  | affle Wes  | Mixed<br>Cemen<br>Circu  |
| amfred plug  | Pheno sed for son  | 20 sel 8 1/20  | affle Wes  |  |
|  | PST. Set Llost.  | neut Flush<br>Jell held 800  | affle Wes  |  |
|  | PSI, Ser Flori   | rest held 800  | affle Wes  |  |
|  | FOLL DEST Float,   | TEN HEIR DE  |  |  |
|  |  | The state of the s |  |  |
|  |  |  |  |  |
| 11   |  |  | c ben  | When   |
|  | 10 11 1.   |  | ) 1'   |  |
| Howelle  | Alem Madre   |  |  |  |
| UNIT PRICE TOTAL   | / APPRINGE   | TS DESCRIPTION   | QUANITY or UNITS   | CODE   |
| 108500   | 348  | FUMP CHARGE  |  | 5401   |
|  | 368  | MILEAGE  | 15   | 3406   |
|  | Contage 368  | Casino   | 778'   | 7402   |
|  | 25 570   | in ton mi  | 1/2 min  | 707  |
|  | 370  | 80 vgc   | 1'2  | 1502C  |
|  |  |  |  |  |
|  |  | 50150 1  | 103  | 124  |
| 1/84.00  | ment   | . , ,  | 123#   |  |
| 60.06  | 7  | 960  | 52#  |  |
| 70.20<br>29.60   |  | 1 9ENDSE   | 00   |  |
| 29.57  |  |  |  | 17120  |
| E  |  | 2 /a p/9   |  |  |
|  |  | 2 /2 p/9   |  |  |
|  |  | 2 ta p199  |  |  |
|  |  | 2 /2 p/99  |  |  |
|  |  | 2 /2 p/99  |  |  |
|  |  | 2 /2 p/39  |  |  |
|  |  | 2 /2 p/3   |  |  |
|  | SALES T/   | 2 /2 p/9   |  | 3737   |
|  |  | 50150 C<br>gg)<br>frenose<br>2'/2 plus   | 163<br>273#<br>52#   | 1124<br>1118B<br>1107A<br>4402   |

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 for