

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1108100

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:  | Sec TwpS. R East West   |
| Address 2:  | Feet from North / South Line of Section   |
| City: State: Zip:+  | Feet from East / West Line of Section   |
| Contact Person:   |   |
| Phone: ()   |   |
| CONTRACTOR: License #   |   |
| Name:   |   |
| Wellsite Geologist:   |   |
| C C   |   |
| Purchaser:  |   |
| Designate Type of Completion:   | Elevation: Ground: Kelly Bushing:   |
| New Well Re-Entry Workover  | Total Depth: Plug Back Total Depth:   |
| Oil WSW SWD SIOW  | Amount of Surface Pipe Set and Cemented at: Feet                                |
| Gas D&A ENHR SIGW   | Multiple Stage Cementing Collar Used?   |
| □ OG □ GSW □ Temp. A  | bd. If yes, show depth set: Feet  |
| CM (Coal Bed Methane)   | If Alternate II completion, cement circulated from:                             |
| Cathodic Other (Core, Expl., etc.):   | feet depth to:w/sx cmt  |
| If Workover/Re-entry: Old Well Info as follows:   |   |
| Operator:   |   |
| Well Name:  | Drilling Fluid Management Plan<br>(Data must be collected from the Reserve Pit) |
| Original Comp. Date: Original Total Depth:  |   |
| Deepening Re-perf. Conv. to ENHR Conv. to   | Chloride content: ppm Fluid volume: bbls  |
|   | Dewatering method used:   |
| Plug Back: Plug Back Total Depth  | Location of fluid disposal if hauled offsite:                                   |
| Commingled     Permit #:  |   |
| Dual Completion Permit #:   | Operator Name:  |
| SWD Permit #:   | License #:  |
| ENHR Permit #:  | Quarter Sec Two S R East West   |
| GSW Permit #:   | County: Permit #:   |
|   |   |
| Spud Date or<br>Recompletion Date         Date Reached TD         Completion Date or<br>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    | 1108100 |  |  |  |
|-------------------------|-------------|---------|--|--|--|
| Operator Name:          | Lease Name: | Well #: |  |  |  |
| Sec TwpS. R East _ West | County:     |         |  |  |  |
|                         |             |         |  |  |  |

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

| Drill Stem Tests Taken<br>(Attach Additional Sheets)                                |                      | Yes No  |                           | Log Formation (Top), De |                   |                 | Sample                        |  |
|---|----------------------|---|---------------------------|-------------------------|-------------------|-----------------|-------------------------------|--|
| Samples Sent to Geolog  | gical Survey         | Yes No  | Nar                       | ne                      |                   | Тор             | Datum                         |  |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitted B<br>(If no, Submit Copy) | Electronically       | <ul> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> </ul> |                           |                         |                   |                 |                               |  |
| List All E. Logs Run:   |                      |   |                           |                         |                   |                 |                               |  |
|   |                      | CASIN   |                           | lew Used                |                   |                 |                               |  |
|   |                      | Report all strings se   | et-conductor, surface, in | termediate, producti    | on, 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 / SQUEEZE RECORD

| Purpose:<br>—— Perforate    | Depth<br>Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing Plug Back TD |                     |                |              |                            |
| Plug Off Zone               |                     |                |              |                            |

| Shots Per Foot  | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated |               |         |                 |        | Depth               |                         |                              |               |         |
|---|---|---------------|---------|-----------------|--------|---------------------|-------------------------|------------------------------|---------------|---------|
|   |   |               |         |                 |        |                     |                         |                              |               |         |
|   |   |               |         |                 |        |                     |                         |                              |               |         |
|   |   |               |         |                 |        |                     |                         |                              |               |         |
|   |   |               |         |                 |        |                     |                         |                              |               |         |
|   |   |               |         |                 |        |                     |                         |                              |               |         |
| TUBING RECORD:  | Siz   | :e:           | Set At: |                 | Packer | r At:               | Liner R                 | un:                          | No            |         |
| Date of First, Resumed Production, SWD or ENHR.       Producing Method:            □ Flowing         □ Pumping         □ Gas Lift         □ Other (Explain) |   |               |         |                 |        |                     |                         |                              |               |         |
| Estimated Production<br>Per 24 Hours  |   | Oil Bb        | ls.     | Gas             | Mcf    | Wate                | ər                      | Bbls.                        | Gas-Oil Ratio | Gravity |
|   |   |               |         |                 |        |                     |                         |                              |               |         |
| DISPOSITIO  | DISPOSITION OF GAS: METHOD OF COMPLE  |               |         | TION:           |        | PRODUCTION INT      | ERVAL:                  |                              |               |         |
| Vented Sold   |   | Jsed on Lease |         | Open Hole       | Perf.  | Dually<br>(Submit A | Comp.<br>AC <i>O-5)</i> | Commingled<br>(Submit ACO-4) |               |         |
| (If vented, Subr  | nit ACO   | -18.)         |         | Other (Specify) |        |                     |                         |                              |               |         |

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

| CONSOLIDA<br>Oil Well Services   | Concolidated Oil Wa  | II Services, LLC<br>70<br>4346                      | Chan<br>620/431-9210 • 1- | AIN OFFICE<br>P.O. Box 884<br>ute, KS 66720<br>800/467-8676<br>620/431-0012 |
|--|--|---|---------------------------|---|
| INVOICE  |  |   | Invoice #                 | 253207  |
| Invoice Date: 09/26/20   | 12 Terms: 0/0/30,n/3   | 0   | Pa                        | age 1   |
| D & Z EXPLORATION<br>901 N. ELM ST.<br>P.O. BOX 159<br>ST. ELMO IL 62458<br>(618)829-3274  |  | DONOVAN #6<br>39691<br>28-14-22<br>09-25-2012<br>KS | DEIDC                     | enting  |
|  |  |   |                           |   |
| 1124     50       1118B     PR       1111     SO       1110A     KO  | escription<br>0/50 POZ CEMENT MIX<br>REMIUM GEL / BENTONITE<br>DIUM CHLORIDE (GRANULA<br>DL SEAL (50# BAG)<br>1/2" RUBBER PLUG | 121.00<br>303.00                                    | .3700<br>.4600            | Total<br>1324.95<br>63.63<br>86.58<br>278.30<br>28.00                       |
| Description<br>495 CEMENT PUMP<br>495 EQUIPMENT MILEAGE<br>495 CASING FOOTAGE<br>558 MIN. BULK DELIVER<br>675 80 BBL VACUUM TRUE | XY   | Hours<br>1.00<br>30.00<br>926.00<br>1.00<br>2.00    | .00                       | Total<br>1030.00<br>120.00<br>.00<br>350.00<br>180.00                       |

|        |         |           |     |         |         | ====: |         |  |
|--------|---------|-----------|-----|---------|---------|-------|---------|--|
| Parts: | 1781.46 | Freight:  | .00 | Tax:    | 134.06  | AR    | 3595.52 |  |
| Labor: |         | Misc:     | .00 | Total:  | 3595.52 |       |         |  |
| Sublt: | .00     | Supplies: | .00 | Change: | .00     |       |         |  |
|        |         |           |     |         |         |       |         |  |

Signed\_

адо, Ks Eureka, Ks 22-7022 620/583-7664 PONCA CITY, OK 580/762-2303 OAKLEY, KS 785/672-2227 OTTAWA, KS 785/242-4044

Date

GILLETTE, WY 307/686-4914

| TICKET | NUMBER | 3        | 9 | 6 | 9 | 1 |
|--------|--------|----------|---|---|---|---|
| TICKET | NUMBER | <u> </u> | J | U | J | - |

LOCATION Ottawa KS FOREMAN Fred Mady

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

| FIELD  | TICKET | & | TREATMENT | REPORT |  |  |  |  |
|--------|--------|---|-----------|--------|--|--|--|--|
| CEMENT |        |   |           |        |  |  |  |  |

|   | <b>OEMENT</b> |                           |                                       |         |                 |                    |            |  |  |  |
|---|---------------|---------------------------|---------------------------------------|---------|-----------------|--------------------|------------|--|--|--|
| DATE  | CUSTOMER #    | WELL NAME & NUM           | BER                                   | SECTION | TOWNSHIP        | RANGE              | COUNTY     |  |  |  |
| 9/25/12   | 3392          | Donovan * 6               | · · · · · · · · · · · · · · · · · · · | NE 28   | 14              | 22                 | VO         |  |  |  |
| CUSTOMER  |               |                           |                                       |         |                 |                    | \$         |  |  |  |
| Dfz   | 2 Explore     | at:on                     |                                       | TRUCK # | DRIVER          | TRUCK #            | DRIVER     |  |  |  |
| MAILING ADDRE   | ESS           |                           |                                       | 506     | Fre Mad         | Safety             | MUt2       |  |  |  |
| 901   | M. N.         | EIM St.<br>STATE ZIP CODE |                                       | \$95    | Hai Bec         | 1213               | 2          |  |  |  |
|   |               |                           |                                       |         | KeiDet          | KD                 |            |  |  |  |
| <u>St E</u>   |               | IL 62458                  |                                       | 558     | Breman          | BM                 |            |  |  |  |
|   |               | HOLE SIZE STE             |                                       | 960     | CASING SIZE & W |                    | EUE        |  |  |  |
| CASING DEPTH  | 920           | DRILL PIPE                |                                       |         |                 | OTHER              |            |  |  |  |
| SLURRY WEIGH  | Τ             | SLURRY VOL                | WATER gal/s                           | k       | CEMENT LEFT in  | CASING_ <u>え</u> を | plug       |  |  |  |
| DISPLACEMENT  | 5.4 BBL       | DISPLACEMENT PSI          | MIX PSI                               |         | RATE SBPN       | 1                  | 0          |  |  |  |
| REMARKS: E  | stablish      | pump rate. Mi,            | (+ PUMN                               | 200# 6e | l Flush.        | Mix+ Pun           | nD         |  |  |  |
|   |               | 150 Por Mix Cen           |                                       |         |                 |                    |            |  |  |  |
| Cem   | ent to        | Surface. Flus             | n pump                                | * lines | clean. Di       | splace.            | <u>つた"</u> |  |  |  |
| rubber plug to casing TD, Pressure to Root ASI. Ralease |               |                           |                                       |         |                 |                    |            |  |  |  |
| pressure to set Float Value. Short in casing,           |               |                           |                                       |         |                 |                    |            |  |  |  |
|   |               |                           |                                       |         |                 |                    |            |  |  |  |
|   |               |                           |                                       |         |                 |                    |            |  |  |  |
|   | -Jaw Mader    |                           |                                       |         |                 |                    |            |  |  |  |

TOS Drilling

|                 | d                 |                                   |   |                    |                   |
|-----------------|-------------------|-----------------------------------|---|--------------------|-------------------|
| ACCOUNT<br>CODE | QUANITY or UNITS  | DESCRIPTION of SERVICES or PRODUC | т   | UNIT PRICE         | TOTAL             |
| 5401            | .1                | PUMP_CHARGE                       | 495   |                    | 103000            |
| 5404            | 30mi              | MILEAGE                           | 495   |                    | 12009             |
| 5402            | 926               | Casing Footage                    |   |                    | NIC               |
| 5407            | Minimon           | Ion Miles                         | J.  |                    | 35000             |
| 55020           | 2 hrs             | 80 BBL Vac Truck                  | 675   |                    | 18000             |
|                 |                   |                                   |   |                    |                   |
| 1124            | 121545            | 50/50 Por Mix Coment              |   |                    | 1324 25           |
| 1/180           | 303*              | Promime Gel                       |   |                    | 6363              |
| 1/11            | 234#              | Granulated Salt                   |   |                    | 8658              |
| 111077          | (005 <sup>#</sup> | Kal Seal                          |   | -                  | 27830             |
| 4402            | 1                 | 2/2 Rubber Pluc                   |   |                    | 2800              |
|                 |                   |                                   |   |                    | 4                 |
|                 |                   |                                   |   | <u></u>            | nator             |
|                 |                   | 1                                 | and the second se |                    | MELGU             |
|                 |                   |                                   | Ĵer.  | 1.20 AL            |                   |
|                 | - V /             |                                   | 7.5252  | SALES TAX          | 13406             |
| Ravin 3737      | BI SIL            | 211                               |   | ESTIMATED<br>TOTAL | 134 06<br>3595 52 |
| AUTHORIZTION    | Min X             | TITLE                             |   | DATE               |                   |

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 form.

253207

Lease Owner: D Z

### WELL LOG

| Thickness of Strata | Formation | Total Depth |
|---------------------|-----------|-------------|
| 9                   | Soil-Clay | 9           |
| 11                  | Sandstone | 20          |
| 19                  | Shale     | 39          |
| 2                   | Lime      | 41          |
| 20                  | Shale     | 61          |
| 6                   | Lime      | 67          |
| 5                   | Shale     | 72          |
| 15                  | Lime      | 87          |
| 8                   | Shale     | 95          |
| 9                   | Lime      | 104         |
| 8                   | Shale     | 112         |
| 18                  | Lime      | 130         |
| 18                  | Shale     | 148         |
| 17                  | Lime      | 165         |
| 8                   | Shale     | 173         |
| 56                  | Lime      | 229         |
| 21                  | Shale     | 250         |
| 8                   | Lime      | 258         |
| 19                  | Shale     | 277         |
| 6                   | Lime      | 283         |
| 5                   | Shale     | 288         |
| 9                   | Lime      | 297         |
| 34                  | Shale     | 331         |
| 1                   | Lime      | 332         |
| 11                  | Shale     | 343         |
| 25                  | Lime      | 368         |
| 8                   | Shale     | 376         |
| 23                  | Lime      | 399         |
| 4                   | Shale     | 403         |
| 5                   | Lime      | 408         |
| 4                   | Shale     | 412         |
| 6                   | Lime      | 418         |
| 112                 | Shale     | 530         |
| 8                   | Sand      | 538         |
| 35                  | Shale     | 573         |
| 6                   | Sand      | 579         |
| 11                  | Shale     | 590         |
| 5                   | Lime      | 595         |
| 2                   | Shale     | 597         |
| 3                   | Lime      | 600         |

Lease Owner: D Z

## Johnson County, KS Well: Donovan 6 Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 9/21/2012 (913) 837-8400

| 8   | Shale       | 608    |
|-----|-------------|--------|
| 7   | Lime        | 615    |
| 15  | Shale       | 630    |
| 4   | Lime        | 634    |
| 8   | Shale       | 642    |
| 3   | Lime        | 645    |
| 110 | Shale       | 755    |
| 6   | Sand        | 761    |
| 4   | Sandy Shale | 765    |
| 103 | Shale       | 868    |
| 1   | Broken Sand | 869    |
| 13  | Core        | 882    |
| 4   | Sand        | 886    |
| 3   | Sandy Shale | 889    |
| 71  | Shale       | 960-TD |
|     |             |        |
|     |             |        |
|     |             |        |
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