

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1109959

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

|       | LICTODY        | - DESCRIP | TION OF |        | IEACE |
|-------|----------------|-----------|---------|--------|-------|
| VVELL | <b>HISIOKI</b> | - DESCRIP |         | VVELLQ | LEASE |

| OPERATOR: License #   |   | API No. 15   |                         |
|---|---|--|-------------------------|
| Name:   |   | Spot Description:  |                         |
| Address 1:  |   |  | R East West             |
| Address 2:  |   | Feet from North  | / South Line of Section |
| City: State: Zi   | p:+                                     | Feet from C East   | / West Line of Section  |
| Contact Person:   |   | Footages Calculated from Nearest Outside Se  | ction Corner:           |
| Phone: ()   |   |  | ·                       |
| CONTRACTOR: License #   |   | County:  |                         |
| Name:   |   | Lease Name:  |                         |
| Wellsite Geologist:   |   | Field Name:  |                         |
| Purchaser:  |   | Producing Formation:   |                         |
| Designate Type of Completion:   |   | Elevation: Ground: Kelly Bu  |                         |
| New Well Re-Entry   | Workover                                | Total Depth: Plug Back Total Depth   | C                       |
| Oil       WSW       SWD         Gas       D&A       ENHR         OG       GSW         CM (Coal Bed Methane)         Cathodic       Other (Core, Expl., etc.): | SIOW<br>SIGW                            | Amount of Surface Pipe Set and Cemented at:<br>Multiple Stage Cementing Collar Used?                             | Yes 🗌 No<br>Feet<br>om: |
| If Workover/Re-entry: Old Well Info as follows:   |   |  |                         |
| Operator: Well Name: Original Comp. Date: Original To   | otal Depth:                             | Drilling Fluid Management Plan<br>(Data must be collected from the Reserve Pit)<br>Chloride content: ppm Fluid v | volume: bbls            |
| Deepening Re-perf. Conv. to   | OENHR CONV. to SWD                      | Dewatering method used:  |                         |
| Plug Back: Plu  | g Back Total Depth                      | Location of fluid disposal if hauled offsite:  |                         |
| Commingled Permit #:  |   | Operator Name:   |                         |
|   |   | Lease Name: Licens   | se #:                   |
| SWD Permit #:   |   | Quarter Sec Twp S. F   |                         |
|   |   |  |                         |
| GSW Permit #:   |   | County: Permit #:  |                         |
| Spud Date or Date Reached TD<br>Recompletion Date   | 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

|                         | Side Two    | 1109959 |
|-------------------------|-------------|---------|
| 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 Formatic        | on (Top), Depth an | d Datum<br>Top  | Sample Datum                  |  |
|--|----------------------|--|-------------------------|----------------------|--------------------|-----------------|-------------------------------|--|
| Samples Sent to Geolog   | gical Survey         | Yes No                                 |                         | ame                  |                    | юр              | Datum                         |  |
| Cores Taken<br>Electric Log Run<br>Electric Log Submitted Electronically<br>(If no, Submit Copy) |                      | ☐ Yes ☐ No<br>☐ Yes ☐ No<br>☐ Yes ☐ No |                         |                      |                    |                 |                               |  |
| List All E. Logs Run:  |                      |  |                         |                      |                    |                 |                               |  |
|  |                      | CASI                                   | NG RECORD               | New Used             |                    |                 |                               |  |
|  |                      | Report all strings s                   | set-conductor, surface, | intermediate, produc | tion, 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 |        |                        | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) |           |                 |                              |                 |               |         |
|--|---|--------|------------------------|---|-----------|-----------------|------------------------------|-----------------|---------------|---------|
|  |   |        |                        |   |           |                 |                              |                 |               |         |
|  |   |        |                        |   |           |                 |                              |                 |               |         |
|  |   |        |                        |   |           |                 |                              |                 |               |         |
|  |   |        |                        |   |           |                 |                              |                 |               |         |
|  |   |        |                        |   |           |                 |                              |                 |               |         |
| TUBING RECORD:                                 | Siz   | ze:    | Set At:                |   | Packe     | r At:           | Liner R                      | un:             | No            |         |
| Date of First, Resumed Production, SWD or ENHF |   |        | ł.                     | Producing M   | lethod:   | ping            | Gas Lift                     | Other (Explain) |               |         |
| Estimated Production<br>Per 24 Hours           |   | Oil Bb | s.                     | Gas   | Mcf       | Wate            | er                           | Bbls.           | Gas-Oil Ratio | Gravity |
|  |   |        |                        |   |           |                 |                              |                 |               |         |
| DISPOSITION OF GAS:                            |   |        |                        | METHOD  | OF COMPLE | TION:           |                              | PRODUCTION INT  | ERVAL:        |         |
| Vented Sold Used on Lease                      |   |        | Open Hole Perf. Dually |   |           | Comp.<br>ACO-5) | Commingled<br>(Submit ACO-4) |                 |               |         |
| (If vented, Sul                                | bmit ACC  | )-18.) |                        | Other (Specify)   |           |                 |                              |                 | <u></u>       |         |

| Form      | ACO1 - Well Completion                   |  |  |  |  |
|-----------|--|--|--|--|--|
| Operator  | Long and Ware Oil, a General Partnership |  |  |  |  |
| Well Name | Von Merveldt 5                           |  |  |  |  |
| Doc ID    | 1109959                                  |  |  |  |  |

All Electric Logs Run

| Gamma Ray      |  |
|----------------|--|
| Neutron        |  |
| Cement Bond    |  |
| Completion Log |  |

| Jan. 24. | 2013 | 3:23PM | Consilidat | ed Oil | Well | Services |
|----------|------|--------|------------|--------|------|----------|
|----------|------|--------|------------|--------|------|----------|

4/12/2012

No.1816 P. 1

|   |    |    |    |   |   |   | - |  |
|---|----|----|----|---|---|---|---|--|
| 3 | 39 | IN | າກ | n | 2 | 2 | 3 |  |
|   |    |    |    |   |   |   |   |  |

.....

|  | CEMENTHE   | LD TICKET AND TR                               | EATMENT REPORT  |  |   |
|--|--|--|---|--|---|
| Customer   | LONG AND WARE  | State, County                                  | Chautauqua, Kansas  | Coment Type                                  | CLASS A   |
| Job Type   | 18   | Section<br>TWP                                 | 30  | Excess (%)                                   | 30  |
| Customer Acct #<br>Well No.  | LONG AND WARE #5   | RGE  | 23N   | Density<br>Weter Regulated                   | 13.8  |
| Mailing Address  | LONG MID WARE NO   | Formation                                      | 116   | Yeild  | 1.75  |
| City & State   |  | Hole Size                                      | 6,75  | Skurry Weight                                |   |
| Zip Code   |  | Hole Depth                                     | 532   | Siumy Volume                                 |   |
| Contact  |  | Causing Size                                   | 4.5   | Displacement                                 | 17.7  |
| Email  |  | Casing Depth                                   | 1095.85   | Displacement PSI                             | 400   |
| Cell   |  | Drill Pipe                                     |   | MIX PSI                                      | 200   |
| Dispatch Location  | BARTLESVILLE   | Tubing   |   | Rate   | <u>\$.5</u>   |
| Code   | Coment Pump Charpes and Milestre   | Quantity                                       | Unit  | Price per Unit                               | \$ 1,030.00   |
| 5401   | CEMENT PUMP (2) KUR MAK) 492   | 38   | 2 HRS MAX<br>PER MILE   | \$1,030.00<br>\$4.00                         | \$ 1,030.00<br>\$ 152.00  |
| 5407   | MON, BULK DELIVERY (WITHIN 60 MILES) 55)   | 1  | PERLOAD   | \$350.00                                     | \$ 350.00   |
| 0  |  |  | 0   | \$0.00                                       | 5 -   |
| 0  |  |  | 0   | \$0.00                                       | \$ -  |
| 0  |  |  | 0   | \$0.00                                       | s .<br>s  |
| 0  |  |  | 0   | \$0.00                                       | 5   |
|  | KARNARA STRIFOOTAGDESSO PKA OSYN   | 1,095  | PER EOOT  | 10-200201-2                                  | \$ 240.90   |
|  |  |  | E   | QUIPMENT TOTAL                               | \$ 1,772.90   |
| · entereda   | Cement, Chemicals and Water  |  |   |  | TATE AND IN   |
| 1126A<br>1110A   | THICK SET CEMENT (BLB OWC 4% GEL 2% CAL. CLORIDE<br>KOI, BEAL (50 # SK)  | 115 600  | 0   | \$19.20<br>\$0.46                            | \$ 2,208.00<br>\$ 275.00  |
| 11100  | PREMIUM GEL/BENTONITE (508)  | 150  | 0   | \$0.40                                       | \$ 276.00<br>\$ 31.60   |
| 1107A  | PHENOSEAL  | 89   | 0   | \$1.29                                       | \$ 103.20   |
| 1123   | CITY WATER (PER 1000 GAL)  | (4)40  | 0   | \$16.54                                      | \$ 69.47  |
| 0  |  | 0  | 0   | \$0.00                                       | · · · · ·   |
| 0  |  |  | 0   | \$0.00                                       | 5   |
| 0  |  |  | 0   | \$0.00                                       | \$ -  |
| 0  |  |  | 0   | \$0.00                                       | \$  |
| 0  |  |  | 0   | \$0.00                                       | 5   |
|  |  |  |   | CHEMICAL TOTAL                               | \$ 2,688.17   |
| 5502C  | 80 BBL VACUUM TRUCK (CEMENT)   | 3  | DL VACUUM TRUCK (CEM  | \$100.00                                     | \$ 300.00   |
| 0  | OU BOL VALOUM TRUCK (CEMERI)   | 3  | 0   | \$0.00                                       | 3 300.00  |
| 0  |  |  | 0   | \$0.00                                       | 5   |
|  |  |  |   | RANSPORT TOTAL                               |   |
| 2 . 1 miduliars  | Cement Floating Equipment (TAXABLE)  |  | ZETER . GOTAN   | 18 A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | 的自己的复数形式的现在分词   |
| Contraction of the local division of the loc |  | <b>中国公司</b> 的基本的有限的                            | 0   | \$0.00                                       | 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - |
| PROVIDENCE WALL  | Contractor and the second second second  | 1022-300-2                                     |   |  | S.  |
| 0  |  | ·  | 0 . "   | . \$0.00                                     | S COLL 1  |
| 0  |  |  | 0   | \$0.00                                       | 3   |
| Station and a  |  |  |   |  |   |
| O CONTRACTOR CONTRACTOR  |  | STATISTICS IN COMPANY                          | 0   | \$0.00                                       | 8   |
| 0  |  |  | 0   | \$0.00                                       | 19  |
|  | TO LEAD THE REPORT OF THE PARTY | 1  | 2月11日月1日日日日 1月1日日   |  | 100 M 100 |
| 0  |  | THE AT NEAR THE SA                             | O CONTRACTOR OF | \$0,00                                       | S   |
| Distantion and the   | STATES AND A STATES   | 0.0040000000000000                             | 0   | \$0.00                                       | S S S S S S S S S S S S S S S S S S S   |
| Service and the service of the servi | 12 Contractor Contractor Contractor  | an and the second                              |   | No. of the second second                     |   |
| 0  |  |  | 0   | \$0,00                                       | S   |
|  | DADONAL STREET, DESTRICT STREET, STREET  | 1.41.52 A.S.                                   | A DESCRIPTION OF THE OWNER AND |  |   |
| O PORT FUELOR MACHINE  |  | STATE OF STATE                                 | 0   | \$0.00                                       | S   |
| 0  |  | CONTRACTOR OF A STATE                          | 0   | \$0.00                                       | \$  |
| 0  |  |  | 0   | \$0.00                                       | \$  |
| 0  |  | a lating to us                                 | 0   | \$0.00                                       | 18  |
| 4404   | 4 1/2 RUBBER FLUG  | 200207-004-004-00-00-00-00-00-00-00-00-00-00-0 | PER UNIT  | \$45.00                                      | \$ 45.00  |
| THE R. LEWIS CO., LANSING MICH.  | 4 1/2 RUNNER PLUG  | WT CHENNER                                     |   |  | 45.00   |
| 0  |  |  | 0   | 80.00  | 8   |
|  |  | Y  | CEMENT FLOATING E   |  |   |
| 676  | DRIVER NAME  | NION   | \$20 8.30%  | SUB TOTAL<br>SALES TAX                       | 1859 ADA 17   |
| 492  | JAKE   | 2490   |   | TOTAL  | 1 9010.04   |
| BONAC  | JEFT F   | -  | 100   | N 11   | - OL: 101-  |
|  |  | 1  | / Pisc  | OUNTED TOTAL                                 | \$ 4529.63  |
|  |  |  |   | 1 1/   |   |
|  | 0  | 1  | 1 1 1 1 1   |  | -   |
|  | and the  | 1  | Jul   | D  |   |
| AUTHORIZATION  | John I   | )<br>. 1774                                    | Shill   | D  |   |
| AUTHORIZATION  | 0  | ]<br>FOREMAN                                   | Jul   | D  |   |

Constitution

AND CONDITIONS OF SERVICE ON THE BACK OF THE FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM.