

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 34110
Name: Caerus Kansas LLC
Address 1: 600 17TH ST, STE 1600 N
Address 2: _____
City: Denver State: CO Zip: 80202 + _____
Contact Person: Amy Lay
Phone: (720) 880-6414
CONTRACTOR: License # 34233
Name: Maverick Drilling LLC
Wellsite Geologist: Herb Deines
Purchaser: Coffeyville Resources

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KCC WICHITA

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| 6/7/11 | 6/14/11 | 6/30/11 |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 185-23681-00-00
Spot Description: _____
E2 NW NW NE Sec. 31 Twp. 24 S. R. 14 East West
330 Feet from North / South Line of Section
2,116 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Stafford
Lease Name: Wilson Well #: 31-31
Field Name: Satterlee
Producing Formation: Arbuckle
Elevation: Ground: 1988' Kelly Bushing: 1997'
Total Depth: 4431 Plug Back Total Depth: 4383'
Amount of Surface Pipe Set and Cemented at: 565' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 5000 ppm Fluid volume: 540 bbls
Dewatering method used: Hauled to disposal
Location of fluid disposal if hauled offsite: _____
Operator Name: Rama Operating Co., Inc.
Lease Name: Jordan SWD License #: 3911
Quarter NE Sec. 26 Twp. 24 S. R. 12 East West
County: Stafford Permit #: 15,265

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: A. Lay
Title: Operations Tech Date: 9/20/11

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: DJG Date: 9/27/11

Operator Name: Caerus Kansas LLC Lease Name: Wilson Well #: 31-31
 Sec. 31 Twp. 24 S. R. 14 East West County: Stafford

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Comp Density/Neutron, Dual Induction, ML, Sonic | <input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Heebner</td> <td>3579'</td> <td></td> </tr> <tr> <td>Base Kansas City</td> <td>4019'</td> <td></td> </tr> <tr> <td>Arbuckle</td> <td>4345'</td> <td></td> </tr> </table> | Name | Top | Datum | Heebner | 3579' | | Base Kansas City | 4019' | | Arbuckle | 4345' | |
| Name | Top | Datum | | | | | | | | | | | |
| Heebner | 3579' | | | | | | | | | | | | |
| Base Kansas City | 4019' | | | | | | | | | | | | |
| Arbuckle | 4345' | | | | | | | | | | | | |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| Surface | 12-1/4" | 8-5/8" | 24# | 565' | 60/40 Poz | 325 | 3%CC + 2% Gel |
| Production | 7-7/8" | 5-1/2" | 15.5# | 4,422' | 60/40 Poz | 225 | 3%CC + 2% Gel |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Type of Material Used) | Depth |
|----------------|---|---|-------|
| 5 | 4,364'-4,369' | <div style="border: 1px solid black; padding: 5px; display: inline-block;"> RECEIVED SEP 23 2011 KCC WICHITA </div> | |
| | | | |
| | | | |
| | | | |

| | | | | | |
|--|------------------------|--|--------------------------|-------------------------|--|
| TUBING RECORD: | | Size: <u>2-3/8"</u> | Set At: <u>4363'</u> | Packer At: <u>4337'</u> | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumed Production, SWD or ENHR. <u>7/7/11</u> | | Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____ | | | |
| Estimated Production Per 24 Hours | Oil Bbls. <u>20</u> | Gas Mcf <u>0</u> | Water Bbls. <u>28</u> | Gas-Oil Ratio | Gravity <u>34</u> |

| | | |
|---|---|---|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: <u>4,364'-4,369'</u> |
|---|---|---|

ALLIED CEMENTING CO., LLC.

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend

| | | | | | | | |
|--------------------------------|---------------------|--|------------------------------------|------------------------|-----------------|--------------------------|---------------------------|
| DATE <u>6-8-11</u> | SEC. <u>31</u> | TWP. <u>24</u> | RANGE <u>14</u> | CALLED OUT | ON LOCATION | JOB START <u>6:00 AM</u> | JOB FINISH <u>7:00 AM</u> |
| LEASE <u>Wilson</u> | WELL # <u>31-31</u> | LOCATION <u>Macville 4 East To 80th</u> | | COUNTY <u>Stafford</u> | STATE <u>KS</u> | | |
| OLD OR <u>NEW</u> (Circle one) | | | <u>2 South 1/2 west south into</u> | | | | |

CONTRACTOR Maverick Drilling Rig 108 OWNER Caerus Kansas LLC

| | |
|----------------------------------|---------------------|
| TYPE OF JOB <u>Surface</u> | |
| HOLE SIZE <u>12 1/4</u> | T.D. <u>565.94</u> |
| CASING SIZE <u>8 5/8</u> | DEPTH <u>565.94</u> |
| TUBING SIZE | DEPTH |
| DRILL PIPE | DEPTH |
| TOOL | DEPTH |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT |
| CEMENT LEFT IN CSG. <u>42.90</u> | |
| PERFS. | |
| DISPLACEMENT <u>33.25 BBLs</u> | |

| | |
|---|--|
| CEMENT | |
| AMOUNT ORDERED <u>32.55x 60/40 + 3% CC + 2% Gel</u> | |

| | |
|------------------|---------------------------------|
| EQUIPMENT | |
| PUMP TRUCK | CEMENTER <u>Wayne - Bill L.</u> |
| # <u>366</u> | HELPER <u>Greg</u> |
| BULK TRUCK | |
| # <u>344-170</u> | DRIVER <u>Kevin</u> |
| BULK TRUCK | |
| # | DRIVER |

| | | | | |
|----------|-------------------|---|--------------|-----------------------|
| COMMON | <u>195</u> | @ | <u>16.25</u> | <u>3.168.75</u> |
| POZMIX | <u>130</u> | @ | <u>8.50</u> | <u>1105.00</u> |
| GEL | <u>5</u> | @ | <u>21.25</u> | <u>106.25</u> |
| CHLORIDE | <u>11</u> | @ | <u>58.20</u> | <u>640.20</u> |
| ASC | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | <u>341</u> | @ | <u>2.25</u> | <u>767.25</u> |
| MILEAGE | <u>341x20x.11</u> | | | <u>750.20</u> |
| | | | | TOTAL <u>6.537.00</u> |

REMARKS:

Pipe on Bottom Break Circulation with Rig mud
Run 5 BBLs water Ahead
Mix 32.55x 60/40 + 3% CC + 2% Gel
Shut Down Release Plug
Dis Place 33.25 BBLs Fresh water
band, plug at PSI
Shut in Rig Down
Cement did Circ.

SERVICE

| | | | |
|-----------------------|------------|---|---------------------------|
| DEPTH OF JOB | <u>565</u> | | |
| PUMP TRUCK CHARGE | | | <u>1125.00</u> |
| EXTRA FOOTAGE | <u>265</u> | @ | <u>.95</u> <u>251.75</u> |
| MILEAGE | <u>40</u> | @ | <u>7.00</u> <u>280.00</u> |
| MANIFOLD | | @ | |
| hant truck | <u>40</u> | @ | <u>4.00</u> <u>160.00</u> |
| | | | |
| TOTAL <u>1.816.75</u> | | | |

CHARGE TO: Caerus
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

| | | | |
|---------------------------|---|---------------|---------------|
| <u>8 5/8</u> Baffle Plate | @ | <u>112.00</u> | <u>112.00</u> |
| <u>8 5/8</u> Rubber Plug | @ | <u>112.00</u> | <u>112.00</u> |
| | @ | | |
| | @ | | |
| | @ | | |

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment

| | | |
|------------------------------------|-----------------------|------------------------------------|
| Customer: <u>Coerus Kansas LLC</u> | Lease No.: | Date: <u>6-15-11</u> |
| Lease: <u>Wilson</u> | Well #: <u>31-31</u> | |
| Field Order #: <u>4503</u> | Station: <u>Pratt</u> | Casing: <u>5 1/2</u> |
| Type Job: <u>CNW - 5 1/2 L.S.</u> | Formation: | Depth: <u>4423</u> |
| | | County: <u>Stafford</u> |
| | | State: <u>KS</u> |
| | | Legal Description: <u>31-24-14</u> |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | | |
|---------------------------|---------------|------------------|-----------------|---------------------------------------|-------------|------------------|-------|------------------|
| Casing Size: <u>2 1/2</u> | Tubing Size: | Shots/Ft: | | Acid: <u>175 gal 60/40 PUC</u> | RATE: | PRESS: | ISIP: | |
| Depth: <u>4423</u> | Depth: | From: | To: <u>5024</u> | Pre Pad: <u>5 gal 60/40 PUC R11/m</u> | Max: | | | 5 Min. |
| Volume: <u>105.2</u> | Volume: | From: | To: | Pad: | Min: | | | 10 Min. |
| Max Press: | Max Press: | From: | To: | Frac: | Avg: | | | 15 Min. |
| Well Connection: | Annulus Vol.: | From: | To: | | HHP Used: | | | Annulus Pressure |
| Plug Depth: <u>4423</u> | Packer Depth: | From: | To: | Flush: <u>104.7 bbl</u> | Gas Volume: | | | Total Load |

| | | |
|---|------------------------------------|-------------------------------|
| Customer Representative: <u>Diana Karla</u> | Station Manager: <u>Dave Scott</u> | Treater: <u>Steve Orlando</u> |
| Service Units: <u>27283 / 19889 / 19842 / 19832 / 19862</u> | | |
| Driver Names: <u>Orlando / James Anthony / B. ...</u> | | |

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|----------|-----------------|-----------------|--------------|------|---|
| 11:00 AM | | | | | On location |
| 3:00 PM | | | | | RECEIVED SEP 23 2011 KCC WICHITA |
| | | | | | Trucks on location - Safety meeting Run 109 TIS 5 1/2 15.5" casing Centralizers 3-4-5-7-13-15-17 Basket #1 collar Casing on bottom IR-Back Circ w/ King Rotate Csg |
| 6:50 | 300 | | 24 | 6 | Mud flush |
| 6:54 | 300 | | 5 | 6 | H2O spacer |
| 6:55 | 250 | | 36.7 | 6 | mix 175 gal 60/40 PUC = 15.5" / 60" Spot Down - Clean pump pl. line Release Plug |
| 7:10 | 0 | | | 6 | Start H2O Displacement |
| 7:24 | 300 | | 80 | 6 | L.F. Pressure |
| 7:27 | 500 | | 95 | 6 | Slow Rate - STOP Rotating |
| 7:30 | 1500 | | 104.7 | 4 | Plug Down - Hold |
| | | | | | Plug R11 / mill w/ 50 gal 60/40 Sub Comp. ... THANKS Steve |
| | | | | | Circulation thru Job |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Caerus Kansas LLC
PO BOX 1378
Hays Ks 67601+8378
ATTN: Brian Karlin

Wilson 31-31
31-24s-14w -Stafford
Job Ticket: 42819 DST#: 1
Test Start: 2011.06.14 @ 19:31:40

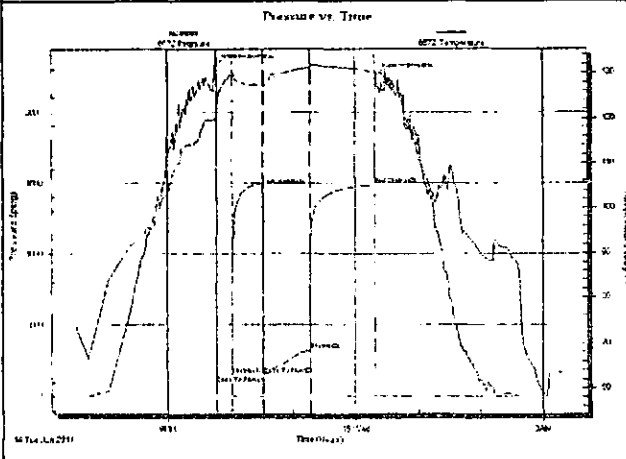
GENERAL INFORMATION:

Formation: Arbuckle
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:47:10
Time Test Ended: 03:19:10
Interval: 4295.00 ft (KB) To 4378.00 ft (KB) (TVD)
Total Depth: 4429.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Straddle
Tester: Jeff Brown
Unit No: 44
Reference Elevations: 1997.00 ft (KB)
1987.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6672 Inside
Press@RunDepth: 326.95 psig @ 4364.00 ft (KB)
Start Date: 2011.06.14 End Date: 2011.06.15
Start Time: 19:31:40 End Time: 19:10:10
Capacity: 8000.00 psig
Last Calib.: 2011.06.15
Time On Btm: 2011.06.14 @ 21:46:40
Time Off Btm: 2011.06.15 @ 00:20:10

TEST COMMENT: IFF-Good blow BOB in 8 min
IS-Dead no blow back
FFP-Good blow BOB in 12 min
FSI-Dead no blow back

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KCC WICHITA**



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2322.47 | 120.49 | Initial Hydro-static |
| 1 | 91.12 | 121.26 | Open To Flow (1) |
| 15 | 152.05 | 129.65 | Shut-in(1) |
| 45 | 1483.19 | 127.24 | End Shut-in(1) |
| 48 | 149.00 | 126.73 | Open To Flow (2) |
| 90 | 326.95 | 131.04 | Shut-in(2) |
| 152 | 1485.77 | 130.19 | End Shut-in(2) |
| 154 | 2252.87 | 129.99 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------------------|--------------|
| 248.00 | SOCGM 10%O10%G80%M | 3.48 |
| 124.00 | OCGWM 15%O15%G2%W68%M | 1.74 |
| 31.00 | OCWM 20%O2%W78%M | 0.43 |
| 186.00 | HOCGWM 25%O20%G15%W40%M | 2.61 |
| 0.00 | 93 GIP | 0.00 |

Gas Rates

| | Choke (inches) | Pressure (psig) | Gas Rate (Mcf/D) |
|--|----------------|-----------------|------------------|
| | | | |

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