

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5259
 Name: Mai oil Operations, Inc.
 Address 1: P.O. Box 33
 Address 2: _____
 City: Russell State: Ks. Zip: 67665 + _____
 Contact Person: Allen Bangert
 Phone: (785) 483-2169
 CONTRACTOR: License # 33350
 Name: Southwind Drilling, Inc.
 Wellsite Geologist: Kitt Noah
 Purchaser: NCRA
 Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW
 Gas ENHR SIGW
 CM (Coal Bed Methane) Temp. Abd.
 Dry Other _____
 (Core, WSW, Expl., Cathodic, 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
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Docket No.: _____
 Dual Completion Docket No.: _____
 Other (SWD or Enhr.?) Docket No.: _____

| | | |
|-----------------------------------|-----------------|---|
| <u>1-27-09</u> | <u>2-04-09</u> | <u>2-04-09</u> |
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 167-23558-0000
 Spot Description: 140' East
 S/2 SW SE Sec. 33 Twp. 14 S. R. 14 East West
330 Feet from North / South Line of Section
1840 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Russell
 Lease Name: Kay Well #: 2
 Field Name: Wildcat
 Producing Formation: Tarkio, LKC
 Elevation: Ground: 1758' Kelly Bushing: 1766'
 Total Depth: 3251' Plug Back Total Depth: 3227'
 Amount of Surface Pipe Set and Cemented at: 357' 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/ ALF-1 - Dlg - 5/7/09 ^{sx gmt}

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)
 Chloride content: 91000 ppm Fluid volume: 300 bbls
 Dewatering method used: Let dry
 Location of fluid disposal if hauled offsite: _____
 Operator Name: _____
 Lease Name: _____ License No.: _____
 Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
 County: _____ Docket No.: _____

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.

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: Allen Bangert
 Title: Prod. Supt. Date: 4-21-09
 Subscribed and sworn to before me this 23 day of April,
2009.
 Notary Public: Lori Crathorne
 Date Commission Expires: 7-7-2010

NOTARY PUBLIC - State of Kansas
 LORI CRATHORNE
 My Appt. Expires 7-7-2010

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

RECEIVED
 APR 27 2009
 KCC WICHITA

Operator Name: Mai oil Operations, Inc. Lease Name: Key Well #: 2
 Sec. 33 Twp. 14 S. R. 14 East West County: Russell

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 copy of all Electric Wireline 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 type="checkbox"/> Yes <input checked="" 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 <i>(Submit Copy)</i> List All E. Logs Run: CNFD, DIL, [REDACTED] | <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>Anhydrite</td> <td>774'</td> <td>+992</td> </tr> <tr> <td>Tarkio</td> <td>2412'</td> <td>-646</td> </tr> <tr> <td>Topeka</td> <td>2678'</td> <td>-912'</td> </tr> <tr> <td>Heebner</td> <td>2905'</td> <td>-1139</td> </tr> <tr> <td>Toronto</td> <td>2921'</td> <td>-1155</td> </tr> <tr> <td>Lansing</td> <td>2964'</td> <td>-1198</td> </tr> <tr> <td>Arbuckle</td> <td>3218'</td> <td>-1452</td> </tr> </table> | Name | Top | Datum | Anhydrite | 774' | +992 | Tarkio | 2412' | -646 | Topeka | 2678' | -912' | Heebner | 2905' | -1139 | Toronto | 2921' | -1155 | Lansing | 2964' | -1198 | Arbuckle | 3218' | -1452 |
| Name | Top | Datum | | | | | | | | | | | | | | | | | | | | | | | |
| Anhydrite | 774' | +992 | | | | | | | | | | | | | | | | | | | | | | | |
| Tarkio | 2412' | -646 | | | | | | | | | | | | | | | | | | | | | | | |
| Topeka | 2678' | -912' | | | | | | | | | | | | | | | | | | | | | | | |
| Heebner | 2905' | -1139 | | | | | | | | | | | | | | | | | | | | | | | |
| Toronto | 2921' | -1155 | | | | | | | | | | | | | | | | | | | | | | | |
| Lansing | 2964' | -1198 | | | | | | | | | | | | | | | | | | | | | | | |
| Arbuckle | 3218' | -1452 | | | | | | | | | | | | | | | | | | | | | | | |

| 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" | 20# | 357' | 60-40 Poz | 200 | 2%gel, 3% CC |
| Production | 7 7/8" | 5 1/2" | 14# | 3246' | 60-40Poz | 325 | |
| | | | | | | | |

| 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 <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| 3 | 2354-58', 2373-79' | Gel-water Frac w/265 sks sand | |
| | 2668-71', 2923-27', 2966-70', 2988-92', 3001-05' | 7000 gal 20% HCL | |
| | 3050-54', 3130-34' | | |
| | | | |

| | | | | | |
|---|------------------------|---|---------------------------|--|-------------|
| TUBING RECORD: | Size: <u>2 3/8"</u> | Set At: <u>3224'</u> | Packer At: | Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | KCC WICHITA |
| Date of First, Resumed Production, SWD or Enhr. 4-20-09 | | 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. 10 | Gas Mcf | Water Bbls. 150 | Gas-Oil Ratio | Gravity |

| | | |
|--|---|--|
| DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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 <input type="checkbox"/> Other (Specify) _____ | PRODUCTION INTERVAL: 2354-3134' OA |
|--|---|--|

ALLIED CEMENTING CO., LLC. 035013A

MAIL TO PO. BOX 31
 RUSSELL, KANSAS 67665

SERVICE POINT:
 Russell KS

| | | | | | | | |
|--------------------------------|----------------|-----------------|---|------------|-------------|-------------------------|--------------------------|
| DATE <u>1-28-09</u> | SEC. <u>33</u> | TWP. <u>14</u> | RANGE <u>14</u> | CALLED OUT | ON LOCATION | JOB START <u>2:00am</u> | JOB FINISH <u>2:30am</u> |
| LEASE <u>Kay</u> | | WELL # <u>2</u> | LOCATION <u>Russell KS South on Hwy 281 to</u> | | | COUNTY <u>Russell</u> | STATE <u>KS</u> |
| OLD OR <u>NEW</u> (Circle one) | | | <u>Walter Lane 1 West 1 North 1/2 West North into</u> | | | | |

CONTRACTOR Southwind #3

TYPE OF JOB Surface

HOLE SIZE 12 1/4 TD 357'

CASING SIZE 8 3/8 23 1/4 DEPTH 357'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG 15'

PERFS

DISPLACEMENT 21.78 Bbl

OWNER

CEMENT

AMOUNT ORDERED 200% 40 3 1/2 cc 2 1/2 gal

| | | |
|--------------------|----------------|----------------|
| COMMON <u>120</u> | @ <u>13.50</u> | <u>1620.00</u> |
| POZMIX <u>1080</u> | @ <u>7.55</u> | <u>6040.00</u> |
| GEL <u>3</u> | @ <u>20.25</u> | <u>60.75</u> |
| CHLORIDE <u>6</u> | @ <u>51.50</u> | <u>309.00</u> |
| ASC | @ | |

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts

409 HELPER Robert

BULK TRUCK

378 DRIVER CH

BULK TRUCK

DRIVER:

| | | |
|----------------------------|---------------|-----------------|
| HANDLING <u>209</u> | @ <u>2.25</u> | <u>470.25</u> |
| MILEAGE <u>10 1/2</u> mile | | <u>300.00</u> |
| TOTAL | | <u>3,364.00</u> |

REMARKS:

Est. Circulation

Mix 200 sec cement

Displace plug w/ 21.78 Bbl H₂O

Cement Did Circulate!

Frankles!

CHARGE TO: Mar Oil Operations Inc

STREET

CITY STATE ZIP

RECEIVED
 APR 27 2009
 TOTAL 1061.00

KCC WICHITA
 PLUG & FLOAT EQUIPMENT

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

8 3/8 Wooden Plug

@ 66.00

ALLIED CEMENTING CO., LLC. 035019A

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

| | | | | | | | |
|--|---------------|-----------------|-----------------|--|-------------|--------------------------|--------------------------|
| DATE <u>2-4-09</u> | SEC <u>33</u> | TWP. <u>14</u> | RANGE <u>14</u> | CALLED OUT | ON LOCATION | JOB START <u>12:30pm</u> | JOB FINISH <u>1:30pm</u> |
| LEASE <u>Kay</u> | | WELL # <u>2</u> | | LOCATION <u>Russell KS South to Walter</u> | | COUNTY <u>Russell</u> | STATE <u>KS</u> |
| OLD OR <input checked="" type="radio"/> NEW (Circle one) | | | | Lane Rd 1 West 3/4 North 1/2 West North into | | | |

CONTRACTOR Southwind #3
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 ID 3250'
 CASING SIZE 5 1/2 14" DEPTH 3240-84
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES MAX MINIMUM
 MEAS. LINE SHOE JOINT 20.39'
 CEMENT LEFT IN CSG 20.39'
 PERFS
 DISPLACEMENT 78.71 Bbl

OWNER

CEMENT

AMOUNT ORDERED 325 9/40 2 1/2 Gal 181 salt
1/4" Flo Seal
1000 gal WFR-2

| | | | | |
|----------|-------------------|---|--------------|-----------------------------|
| COMMON | <u>1.95</u> | @ | <u>13.50</u> | <u>26.32.50</u> |
| POZ MIX | <u>1.30</u> | @ | <u>7.55</u> | <u>9.81.50</u> |
| GEL | <u>5</u> | @ | <u>20.25</u> | <u>101.25</u> |
| CHLORIDE | | @ | | |
| ASC | | @ | | |
| Flo Seal | <u>80</u> | @ | <u>2.95</u> | <u>196.00</u> |
| Salt | <u>27</u> | @ | <u>21.25</u> | <u>573.75</u> |
| WFR-2 | <u>1000 Gal</u> | @ | <u>NA</u> | <u>NA</u> |
| MILING | <u>357</u> | @ | <u>2.25</u> | <u>803.25</u> |
| MILEAGE | <u>10/16/mile</u> | | | <u>3.57.00</u> |
| | | | | TOTAL <u>5645.25</u> |

EQUIPMENT

PUMP TRUCK: CEMENTER John Roberts
 # 409 HELPER Travis
 BULK TRUCK: # 473 DRIVER Rocky
 BULK TRUCK DRIVER

RECEIVED
 APR 27 2009
 KCC WICHITA

REMARKS:

Insert @ 3226 Circulate on bottom
45 min Plug Retake w/ 30 sk cement
Mix 1000 gal WFR-2 Mix 2.95 sk
Cement Displace plug w/ 78.71 Bbl
H2O Bump plug and hold pressure
@ 1500 psi Release Pressure
Float Did Hold!
Thank You!

SERVICE

| | | | | |
|-------------------|-----------|---|-------------|----------------------------|
| DEPTH OF JOB | | @ | <u>1.95</u> | <u>2.00</u> |
| PUMP TRUCK CHARGE | | | | <u>1.95.00</u> |
| EXTRA FOOTAGE | | @ | | |
| MILEAGE | <u>10</u> | @ | <u>7.00</u> | <u>70.00</u> |
| MANIFOLD | | @ | | |
| | | | | TOTAL <u>202.00</u> |

942.25

CHARGE TO: Mar Oil Operations Inc.
 STREET
 CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

| | | | |
|---|---|-------------|--------------|
| <u>Weatherford Anchor shoe</u> | @ | <u>1.86</u> | <u>1.00</u> |
| <u>1 - Weatherford Cement Basket</u> | @ | <u>1.86</u> | <u>1.00</u> |
| <u>12 - Weatherford Turborizers</u> | @ | <u>7.70</u> | <u>92.40</u> |
| <u>Industrial Rubber Latch down Ass.</u> | @ | | <u>44.90</u> |

To Allied Cementing Co., LLC
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or

Feb 2-5-09