

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

RECEIVED ORIGINAL

AUG 25 2010

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
Blanks must be Filled

KCC WICHITA

8/25/12

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: (214) 219-8883
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Kitt Noah
Purchaser: NCRA

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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 #: _____

07/06/2010 07/13/2010 07/13/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 053-21246-0000
Spot Description: _____
NW NE SE SE Sec. 7 Twp. 15 S. R. 9 East West
1,240 Feet from North / South Line of Section
630 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Ellsworth
Lease Name: Vodraska Well #: 1
Field Name: Wildcat
Producing Formation: Lansing-Kansas City
Elevation: Ground: 1566' Kelly Bushing: 1574'
Total Depth: 3091' Plug Back Total Depth: 2820'
Amount of Surface Pipe Set and Cemented at: 302' 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: 64000 ppm Fluid volume: 240 bbls
Dewatering method used: Hauled offsite
Location of fluid disposal if hauled offsite:
Operator Name: Mai Oil Operations, Inc.
Lease Name: Schauf "C" License #: 5259
Quarter NW/4 Sec. 1 Twp. 16 S. R. 12 East West
County: Barton Permit #: D-18,589

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: Allen Bangert
Title: Prod. Supt. Date: 08/24/2010

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 8/25/10 - 8/25/12
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NJ Date: 9-10-10

Operator Name: Mai Oil Operations, Inc. Lease Name: Vodraska Well #: 1 **AUG 25 2010**

Sec. 7 Twp. 15 S. R. 9 East West County: Ellsworth

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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: CNFD, DIL, MICRO, 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:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>346'</td> <td>+1228</td> </tr> <tr> <td>Topeka</td> <td>2274'</td> <td>-700</td> </tr> <tr> <td>Heebner</td> <td>2531'</td> <td>-974</td> </tr> <tr> <td>Toronto</td> <td>2548'</td> <td>-974</td> </tr> <tr> <td>Lansing</td> <td>2650'</td> <td>-1076</td> </tr> <tr> <td>Base Kansas City</td> <td>2941'</td> <td>-1367</td> </tr> <tr> <td>Arbuckle</td> <td>3034'</td> <td>-1460</td> </tr> </table>	Name	Top	Datum	Anhydrite	346'	+1228	Topeka	2274'	-700	Heebner	2531'	-974	Toronto	2548'	-974	Lansing	2650'	-1076	Base Kansas City	2941'	-1367	Arbuckle	3034'	-1460
Name	Top	Datum																							
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Arbuckle	3034'	-1460																							

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#	302'	60-40 POZ	180	2 % Gel, 3 % CC
Production	7 7/8"	5 1/2"	14#	2853'	60-40 POZ	140	

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
4	2740-44', 2685-88', 2678-82', 2655-59'	2250 Gal. 20% HCL	

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TUBING RECORD:	Size: 2 7/8"	Set At: 2815'	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. 08/12/2010		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. 5	Gas Mcf	Water Bbls. 70	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 <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: 2655-2744' O.A.
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ALLIED CEMENTING CO., LLC. 041794

KCC

AUG 25 2010

SERVICE POINT:

Russell, KS

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

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DATE <u>7/13/10</u>	SEC <u>7</u>	TWP. <u>15</u>	RANGE <u>9</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 AM</u>	JOB FINISH <u>4:30 AM</u>
LEASE <u>Vodraska</u>	WELL # <u>1</u>	LOCATION <u>Blackwolf, E into</u>			COUNTY <u>Ellsworth</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Southwind Drilling Rig #3

TYPE OF JOB Production String

HOLE SIZE 7 7/8" T.D. 3090'

CASING SIZE 5 1/2" 14# DEPTH 2853'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 24.97'

CEMENT LEFT IN CSG. 24.97'

PERFS. _____

DISPLACEMENT 69 Bbls.

OWNER _____

CEMENT

AMOUNT ORDERED 140 sx 60/40 10% Salt

2% gel 1/4# per sx Flocc

1000 gal WFR-2

COMMON	<u>84</u>	@	<u>13.50</u>	<u>1134.00</u>
POZMIX	<u>56</u>	@	<u>7.55</u>	<u>422.80</u>
GEL	<u>2</u>	@	<u>20.25</u>	<u>40.50</u>
CHLORIDE		@		
ASC		@		
<u>Sgt</u>	<u>6</u>	@	<u>21.25</u>	<u>127.50</u>
<u>Flo Seal</u>	<u>35#</u>	@	<u>2.45</u>	<u>85.75</u>
		@		
<u>WFR-2</u>	<u>1000 Gal</u>	@	<u>1.10</u>	<u>N=</u>
		@		
		@		
		@		
		@		
HANDLING	<u>70</u>	@	<u>2.25</u>	<u>157.50</u>
MILEAGE	<u>110/sk/mile</u>			<u>126.00</u>

EQUIPMENT

PUMP TRUCK # 398 CEMENTER Paul

HELPER Craig

BULK TRUCK # 410 DRIVER Ron

BULK TRUCK # _____ DRIVER _____

REMARKS:

Run Pipe, Est. Circ., Circulate 45 min

Pump 1000 gal. WFR-2, Mix 30 Rathole

Mix 110 sx down 5 1/2", Displace 69 Bbls.

Land Plug, APU Held

Thank you!

TOTAL 2094.05

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SERVICE AUG 25 2010

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1757.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>18</u>	@	<u>7.00</u>	<u>126.00</u>
MANIFOLD		@		
		@		
		@		

CHARGE TO: Mai Oil Operations, Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 2083.00

5 1/2" PLUG & FLOAT EQUIPMENT

<u>Red</u>	<u>7 Centralizers - Turbo</u>	@	<u>42.00</u>	<u>294.00</u>
<u>Blue</u>	<u>1 Basket</u>	@		<u>161.00</u>
	<u>APU-Insert</u>	@		<u>112.00</u>
	<u>Rubber Ply</u>	@		<u>43.00</u>

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., LLC. 041546

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

KCC
AUG 25 2010
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SERVICE POINT: Russell

DATE <u>7-6-10</u>	SEC. <u>7</u>	TWP. <u>15</u>	RANGE <u>9</u>	CALLED OUT	ON LOCATION	JOB START <u>11:30 a.m.</u>	JOB FINISH <u>12:00 p.m.</u>
LEASE <u>Vodraska</u>	WELL # <u>#1</u>	LOCATION <u>Wilson + Hwy 40 8 E</u>			COUNTY <u>Edmond</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one) <u>8</u>		<u>to 8th Rd 125 E info</u>					

CONTRACTOR Southwind Drilling #3 OWNER _____
 TYPE OF JOB Surface Job
 HOLE SIZE 12 1/4 T.D. 302
 CASING SIZE 8 5/8 DEPTH 302
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 10'
 PERFS. _____
 DISPLACEMENT 18.27 bbl

CEMENT

AMOUNT ORDERED	<u>29.6 cbl</u>	<u>180</u>	<u>60%</u>	<u>39.00</u>
COMMON	<u>108</u>	@	<u>13.50</u>	<u>1458.00</u>
POZMIX	<u>72</u>	@	<u>7.55</u>	<u>543.60</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		@		
HANDLING	<u>90</u>	@	<u>2.25</u>	<u>202.50</u>
MILEAGE	<u>10.5/mile</u>			<u>300.00</u>
TOTAL				<u>2873.85</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane
 # 398 HELPER Paul
 BULK TRUCK
 # 473 DRIVER Glenn
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Ran 7 jts of 8 5/8 Stripped +
Welded. Ran leading 5'
Test Circulation.
Mixed ^{18'} str + Displaced
18.27 bbl
Cement Circulated

CHARGE TO: Maj Oil Operations
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 991.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 18 @ 2.00 126.00
 MANIFOLD _____
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 TOTAL 1117.00

PLUG & FLOAT EQUIPMENT

 @

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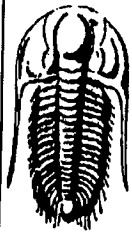
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To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or

Thanks!



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations

Vodraska #1

8411 Preston Road #800
Dallas Tx 75225-5520

KCC
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7 15s9w Ellsworth KS

Job Ticket: 38993

DST#: 1

ATTN: Kurt Mai

Test Start: 2010.07.10 @ 20:05:11

GENERAL INFORMATION:

Formation: **Lansing 30' zone**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: 21:16:26
Time Test Ended: 01:46:26

Test Type: **Conventional Bottom Hole**
Tester: **Paul Simpson**
Unit No:

Interval: **2677.00 ft (KB) To 2692.00 ft (KB) (TVD)**
Total Depth: **2692.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1574.00 ft (KB)**
1566.00 ft (CF)
KB to GR/CF: **8.00 ft**

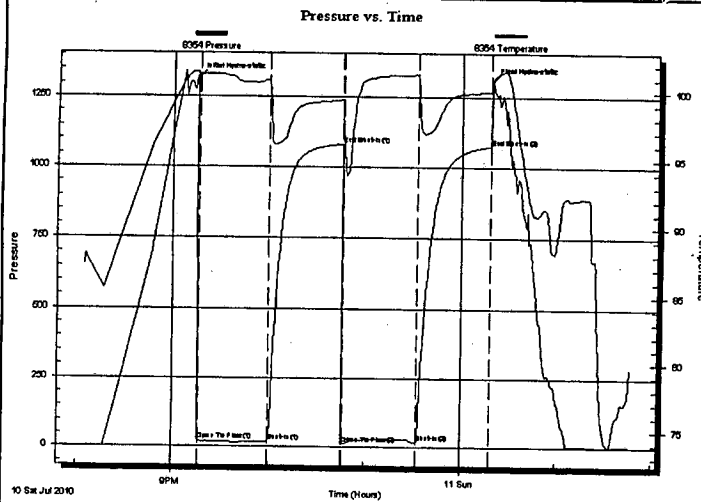
Serial #: 8354

Inside

Press@RunDepth: **19.10 psig @ 2678.00 ft (KB)**
Start Date: **2010.07.10** End Date: **2010.07.11**
Start Time: **20:05:12** End Time: **01:46:26**

Capacity: **8000.00 psig**
Last Calib.: **2010.07.11**
Time On Btm: **2010.07.10 @ 21:15:11**
Time Off Btm: **2010.07.11 @ 00:18:56**

TEST COMMENT: IF- strong blow bottom of bucket in 30 seconds gas to surface in 28 minutes
IS- weak surface blow
FF- strong gauging gas
FS- weak surface



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1315.44	101.47	Initial Hydro-static
2	20.87	101.33	Open To Flow (1)
45	19.15	100.90	Shut-In(1)
91	1081.16	99.45	End Shut-In(1)
91	12.82	97.16	Open To Flow (2)
138	19.10	101.32	Shut-In(2)
184	1073.40	100.07	End Shut-In(2)
184	1305.81	100.67	Final Hydro-static

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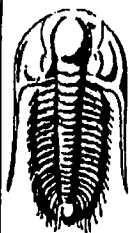
Recovery

Length (ft)	Description	Volume (bbl)
35.00	35 gassy mud w ith oil spots in tool	0.21

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	3.00	6.45
Last Gas Rate	0.13	6.00	7.56
Max. Gas Rate	0.13	6.00	7.56

ORIGINAL



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations
 8411 Preston Road #800
 Dallas Tx 75225-5520
 ATTN: Kurt Mai

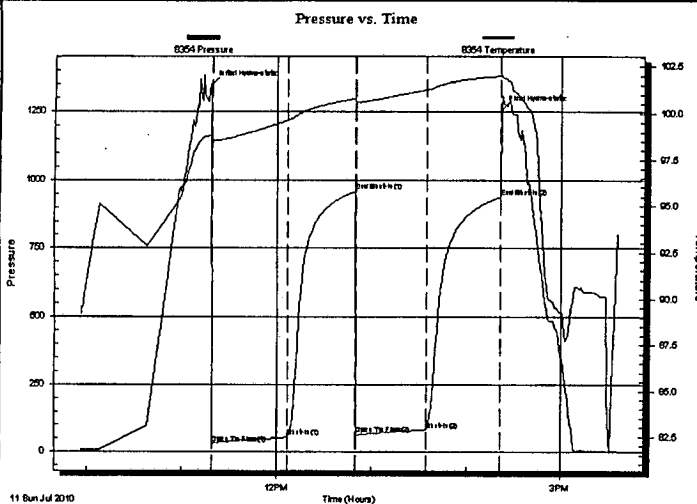
Vodraska #1
7 15s9w Ellsworth KS
 Job Ticket: 38994 DST#: 2
 Test Start: 2010.07.11 @ 09:56:03

GENERAL INFORMATION:

Formation: **LKC 70-100**
 Deviated: **No** Whipstock: ft (KB)
 Time Tool Opened: 11:18:32
 Time Test Ended: 15:36:32
 Interval: **2710.00 ft (KB) To 2755.00 ft (KB) (TVD)**
 Total Depth: **2755.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole**
 Tester: **Paul Simpson**
 Unit No:
 Reference Elevations: **1574.00 ft (KB)**
1566.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8354 **Inside**
 Press@RunDepth: **81.77 psig @ 2711.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.07.11** End Date: **2010.07.11** Last Calib.: **2010.07.11**
 Start Time: **09:56:03** End Time: **15:36:32** Time On Btm: **2010.07.11 @ 11:18:17**
 Time Off Btm: **2010.07.11 @ 14:22:17**

TEST COMMENT: IF- 1" blow building to bottom of bucket in 43 minutes
 IS- no blow
 FF- surface blow building to bottom of bucket in 38 minutes
 FS- weak surface blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1347.79	98.83	Initial Hydro-static
1	31.02	98.15	Open To Flow (1)
49	53.51	99.63	Shut-In(1)
92	959.66	100.79	End Shut-In(1)
92	65.42	100.54	Open To Flow (2)
136	81.77	101.24	Shut-In(2)
184	938.24	101.98	End Shut-In(2)
184	1256.00	102.05	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
60.00	muddy water 30% m 70% w water	0.56
60.00	SI oil cut WM 2% oil 48% w 50% m	0.84
15.00	gsy oil/w ater cut mud 10%g 5%o 10%w	0.21n
0.00	150' gas in pipe	0.00
0.00	Rw .07@105 = 68,000	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)