

CONFIDENTIAL

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

2/2/13

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) 483-1676
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 #:

12/13/2010 12/20/2010 12/20/2010
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 009-25501-0000
Spot Description: 105' East
W/2_E/2_SW_SE Sec. 29 Twp. 18 S. R. 14 East West
660 Feet from North / South Line of Section
1,660 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Ron Stoss Well #:
Field Name: Erna Southeast
Producing Formation: Conglomerate Sand
Elevation: Ground: 1913' Kelly Bushing: 1921'
Total Depth: 3600' Plug Back Total Depth: 3573'
Amount of Surface Pipe Set and Cemented at: 419 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: 884 Feet
If Alternate II completion, cement circulated from: 884'
feet depth to: Surface w/ 135 sx cm.

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Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 76000 ppm Fluid volume: 200 bbls
Dewatering method used: Let dry and backfill
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. East West
County: Permit #:

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: 02/01/2010

KCC Office Use ONLY

- Letter of Confidentiality Received Date: 2/2/11 - 2/2/13
- Confidential Release Date:
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NS Date: 2-17-11

Operator Name: Mai Oil Operations, Inc. Lease Name: Ron Stoss Well #: 1

Sec. 29 Twp. 18 S. R. 14 East West

County: Barton

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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 Wireline Logs surveyed. Attach final geological well site report.

<p>Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i></p> <p>List All E. Logs Run: CNFD, DIL, Sonic, Micro</p>	<p><input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample</p> <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>906'</td> <td>+1015</td> </tr> <tr> <td>Topeka</td> <td>2915'</td> <td>-994</td> </tr> <tr> <td>Heebner</td> <td>3156'</td> <td>-1235</td> </tr> <tr> <td>Toronto</td> <td>3172'</td> <td>-1251</td> </tr> <tr> <td>Lansing</td> <td>3244'</td> <td>-1323</td> </tr> <tr> <td>Base Kansas City</td> <td>3478'</td> <td>-1557</td> </tr> <tr> <td>Arbuckle</td> <td>3544'</td> <td>-1623</td> </tr> </table>	Name	Top	Datum	Anhydrite	906'	+1015	Topeka	2915'	-994	Heebner	3156'	-1235	Toronto	3172'	-1251	Lansing	3244'	-1323	Base Kansas City	3478'	-1557	Arbuckle	3544'	-1623
Name	Top	Datum																							
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Lansing	3244'	-1323																							
Base Kansas City	3478'	-1557																							
Arbuckle	3544'	-1623																							

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#	419'	60-40 POZ	225	2% Gel, 3% CC
Production	7 7/8"	5 1/2"	14#	3595'	60-40 POZ	175	

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	3489-74'		

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3568'</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>01/27/2011</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>50</u>	Gas Mcf <u> </u>	Water Bbls. <u>10</u>
			Gas-Oil Ratio <u> </u>
			Gravity <u> </u>

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: <u>3489-94' O.A.</u>
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QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4496

Date	12-14-10	Sec.	29	Twp.	18	Range	14	County	Barton	State	Ks	On Location		Finish	2:15 AM
Lease	Ron Stoss			Well No.	#1			Location	281/4 Oct South on Boyd Rd to 60th Rd						
Contractor	Southwind #3							Owner	32w - 1/3						
Type Job	Surface Casing							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/4"		T.D.	419'											
Csg.	8 5/8"		Depth	419'											
Tbg. Size			Depth												
Tool			Depth												
Cement Left in Csg.	15'		Shoe Joint	15'											
Meas Line			Displace	25 & BLS				Cement Amount Ordered	22 S x 60/40 3%CC, 2%Gel						

EQUIPMENT

Pumptrk	1	No.	Cementer	Brandon	Common	135
Bulktrk	8	No.	Driver	Cory	Poz. Mix	90
Bulktrk p.u.		No.	Driver	Rick	Gel.	4

JOB SERVICES & REMARKS

Remarks:	Cement did Circulate.					
Rat Hole	Salt					
Mouse Hole	Flowseal					
Centralizers	Kol-Seal					
Baskets	Mud CLR 48					
D/V or Port Collar	CFL-117 or CD110 CAF 38					

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Sand	
Handling	237
Mileage	

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
	1 - wooden plug
Pumptrk Charge	Surface
Mileage	13

Quality Oilwell
Cementing

X Signature *Jay Shier*

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Tax
Discount
Total Charge

ALLIED CEMENTING CO., LLC. 033969

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SERVICE POINT:

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

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Russell KS
MIDNIGHT
COUNTY BARTON STATE KANSAS

DATE	12-19-10	SEC.	29	TWP.	18 S	RANGE	14 W	CALLED OUT		ON LOCATION		JOB START	11:30 PM	JOB FINISH	12:00 AM
LEASE	ROY STOSS	WELL #	1	LOCATION	Hwy 281 & Hwy 4 Jct.						COUNTY	BARTON	STATE	KANSAS	
OLD OR NEW	(Circle one)		3 S 2 W 3 S 1/4 W 1/4 N INTO												

CONTRACTOR SOUTHWIND DRILLING Rig #3
 TYPE OF JOB PRODUCTION STRING
 HOLE SIZE 7 7/8 T.D. 3600'
 CASING SIZE 5 1/2 New DEPTH 3595'
 TUBING SIZE 1 1/2 CSG. DEPTH
 DRILL PIPE PORT Collar DEPTH @ 888 #66
 TOOL LATCH Down Plug Assy DEPTH 3575
 PRES. MAX 1500 # MINIMUM
 MEAS. LINE SHOE JOINT 20.15
 CEMENT LEFT IN CSG. 20.15
 PERFS.
 DISPLACEMENT 87.23 BBL
40.980 EQUIPMENT

OWNER
 CEMENT
 AMOUNT ORDERED 175 SX 60/40 10% SALT
2% GEL 1/4 # FL. SOL
1500 GAL WFR 2

COMMON	105	@	13.50	1417.50
POZMIX	70	@	7.55	528.50
GEL	3	@	20.25	60.75
CHLORIDE		@		
ASC		@		
Flt Sol	42	@	2.45	115.15
Salt	7	@	21.25	148.75
WFR-2	1000 gal	@	1.10	N/C
HANDLING	175	@	2.25	393.75
MILEAGE	110/150			350.00
TOTAL				3014.40

PUMP TRUCK CEMENTER Glenn
 # 398 HELPER RICHARD
 BULK TRUCK
 # 410 DRIVER Kevin
 BULK TRUCK
 # DRIVER

REMARKS:

REN BLUETT'S OF NEW 5 1/2 CSG. (14#)
 Set @ 3595. DROP AFU BALL. CIRCULATE
 45 min. Pump MOD FLUSH. Plug Rathole (30SX)
 Cement w/ 145 SX 60/40 10% SALT, 2% GEL. WASH
 Line Clean, Release LATCH DN. PLUG. Displace
 87.23 BBL WATER HAND PLUG @ 1500#. Release
 PRESSURE + PLUG. (HELD)
 30 SX @ Rathole THANK'S

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				1957.00
EXTRA FOOTAGE		@		
MILEAGE	20	@	7.00	140.00
MANIFOLD		@		
RECEIVED		@		

CHARGE TO: MAT OIL OPERATION'S INC.
 STREET _____
 CITY _____ STATE _____ ZIP _____

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TOTAL 2097.00

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PLUG & FLOAT EQUIPMENT

1-FLOAT Shoe (AFU)				101.00
1-BASKET		@		161.00
1-LATCH Down Plug ASSY		@		164.00
1-Reg. CENTRALIZER		@		351.00
11-TUABO-CENTRALIZERS	42.00	@		462.00

To Allied Cementing Co., LLC.

You are hereby requested to rent cementing equipment

ALLIED CEMENTING CO., LLC. 034065

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

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SERVICE POINT:
Russell

DATE <u>1-6-11</u>	SEC <u>29</u>	TWP. <u>18</u>	RANGE <u>14</u>	CALLED OUT <u>CONFIDENTIAL</u>	ON LOCATION	JOB START <u>1:00p.</u>	JOB FINISH <u>2:00p.</u>
LEASE <u>Stoss</u>	WELL # <u>1</u>	LOCATION <u>35 2W 35 14 W N1st.</u>			COUNTY <u>Barton</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Rapid Well Service
 TYPE OF JOB Circulate Cement
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH _____
 TUBING SIZE 2 7/8 DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Port Collar DEPTH 88 1/2'
 PRES. MAX 1000 psi MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 4661

OWNER _____
 CEMENT Used 135 sks
 AMOUNT ORDERED 200 60/40 626 1 1/2 in.

COMMON	<u>81</u>	@	<u>13.50</u>	<u>1093.50</u>
POZMIX	<u>54</u>	@	<u>7.50</u>	<u>407.00</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE		@		
ASC		@		
<u>F10 Seal 34 lbs</u>		@	<u>2.25</u>	<u>83.25</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>135</u>	@	<u>2.25</u>	<u>303.75</u>
MILEAGE	<u>SK/mi/10</u>			<u>300.00</u>
TOTAL				<u>2330.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane
 # 417 HELPER Heath
 BULK TRUCK
 # 473-187 DRIVER Woody
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
DP. 2660' Tested tools to 1000 psi.
Operational Port Collar Est Circulation
Mixed 135 sks to Circulate
Cement, Displaced 4661. Closed
Port Collar. Tested to 1000 psi.
Ran 10 jets, washed clean.

CHARGE TO: Mai Oil
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>991.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>20</u>	@	<u>7.00</u> <u>140.00</u>
MANIFOLD	@		
	@		
	@		
TOTAL <u>1130.00</u>			

PLUG & FLOAT EQUIPMENT

RECEIVED @ _____
 FEB 02 2011 @ _____
 KCC WICHITA @ _____

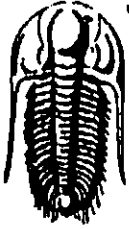
To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or

Thanks!

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TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations
8411 Preston Rd Ste 800
Dallas, TX 75225
ATTN: Kurt Mai

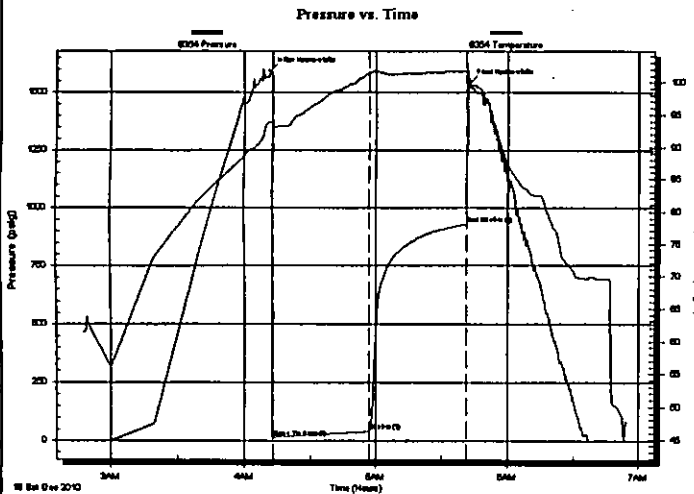
Ron Stoss # 1
29-18-14 Barton,KS
Job Ticket: 041357 DST#: 1
Test Start: 2010.12.18 @ 02:47:43

GENERAL INFORMATION:

Formation: A LKC	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Dan Bangle
Time Tool Opened: 04:12:58	Unit No: 38
Time Test Ended: 06:54:58	Reference Elevations: 1921.00 ft (KB)
Interval: 3239.00 ft (KB) To 3259.00 ft (KB) (TVD)	1913.00 ft (CF)
Total Depth: 3259.00 ft (KB) (TVD)	KB to GRVCF: 8.00 ft
Hole Diameter: 7.88 inches Hole Condition: Good	

Serial #: 8354	Inside	Capacity: 8000.00 psig
Press@RunDepth: 41.34 psig @ 3240.00 ft (KB)	Start Date: 2010.12.18	Last Calib.: 2010.12.18
Start Time: 02:47:44	End Date: 2010.12.18	Time On Btm: 2010.12.18 @ 04:11:43
	End Time: 06:54:58	Time Off Btm: 2010.12.18 @ 05:42:43

TEST COMMENT: IF-Weak building to 3/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1590.70	93.83	Initial Hydro-static
2	13.81	93.26	Open To Flow (1)
45	41.34	101.48	Shut-In(1)
90	928.29	101.72	End Shut-In(1)
91	1542.70	99.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mdy Wtr	0.84
5.00	DM	0.07

Gas Rates

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

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