

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

12/12

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: ( 785 ) 483-2169  
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 #:  
10/20/2010 10/30/2010 10/30/2010  
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 167-23666-0000  
Spot Description: 10' E  
E/2 SE SW SE Sec. 14 Twp. 12 S. R. 15  East  West  
330 Feet from  North /  South Line of Section  
1,425 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Russell  
Lease Name: Haberer "A" Well #: 1  
Field Name: Elsasser  
Producing Formation: Lansing, Topeka  
Elevation: Ground: 1651' Kelly Bushing: 1659'  
Total Depth: 3170' Plug Back Total Depth: 3143'  
Amount of Surface Pipe Set and Cemented at: 697 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: 60000 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: 01/25/2011

KCC Office Use ONLY  
 Letter of Confidentiality Received  
Date: 1/27/11 - 1/27/12 RECEIVED  
 Confidential Release Date: JAN 27 2011  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: KCC WICHITA Date: 2/8/11

Operator Name: Mai Oil Operations, Inc. Lease Name: Haberer "A" Well #: 1

Sec. 14 Twp. 12 S. R. 15  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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	718'	+941
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2550'	-891
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Heebner	2768'	-1109
List All E. Logs Run:		Toronto	2786'	-1127
<b>CNFD, DIL, Micro</b>		Lansing	2820'	-1161
		Base Kansas City	3077'	-1418
		Arbuckle	3098'	-1439

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"	23#	697'	60-40 POZ	275 sks	2 % Gel, 3 % CC
Production	7 7/8"	5 1/2"	14#	3168'	60-40 POZ	200 sks	

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	3008-12', 2908-12', 2846-50', 2826-30', 2728-32', 2551-55'	5000 20% HCL	

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3138'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>12/01/2010</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>40</u>	Gas Mcf	Water Bbls. <u>70</u>	Gas-Oil Ratio

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>2551-3012' O.A.</u>
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RECEIVED  
JAN 27 2011

KCC WICHITA

# QUALITY OILWELL CEMENTING, INC.

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

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

No. 4557

Date	10-21-10	Sec.	14	Twp.	12	Range	15	County	Russell	State	KS	On Location		Finish	3:30pm	
Lease	Haberer "A"			Well No.	1			Location	15 <sup>th</sup> st & Canyon Rd approx 7 miles N							
Contractor	Southwind #2			Owner	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.											
Type Job	Long Surface			Hole Size	12 1/4	T.D.	720'	Charge To	Mai. O.I. Operations							
Csg.	8 5/8	(23lb)	Depth	697'	Tbg. Size		Depth		Street							
Tool		Depth		City	State											
Cement Left in Csg.	10-15'	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.													
Meas Line		Displace	43 1/4 bbls	Cement Amount Ordered	275 6/10 3 2cc 2 3/4 gel											
<b>EQUIPMENT</b>																
Pumptrk	1	No.	Cementer	Brandon			Common	165								
Bulktrk	10	No.	Helper	Rick			Poz. Mix	110								
Bulktrk	P4	No.	Driver	Cory			Gel.	5								
<b>JOB SERVICES &amp; REMARKS</b>																
Remarks:								Calcium	10							
Rat Hole								Hulls								
Mouse Hole								Salt								
Centralizers								Flowseal								
Baskets								Kol-Seal								
D/V or Port Collar								Mud CLR 48								
								CFL-117 or CD110 CAF 38								
								Sand								
	Cement did Circbb							Handling	290							
								Mileage								
	Thank you! 							<b>FLOAT EQUIPMENT</b>								
								Guide Shoe								
								Centralizer								
								Baskets								
								AFU Inserts								
								Float Shoe								
								Latch Down								
								1-8 5/8 head & manifold								
								1-8 5/8 solid rubber plug								
								Pumptrk Charge	Long Surface							
								Mileage	8							
								Tax								
								Discount								
								Total Charge								
X Signature																

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Quality Oilwell  
Cementing

# ALLIED CEMENTING CO., LLC. 30132

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JAN 27 2011

SERVICE POINT:

Russell

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

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DATE <u>10/30/10</u>	SEC. <u>14</u>	TWP. <u>12</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>9:15 A</u>	JOB FINISH <u>10:15 A</u>
LEASE <u>Haberer</u>	WELL # <u>A #1</u>	LOCATION <u>Russell + 281 N to</u>			COUNTY <u>Russell</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>Mallard Rd SW N into</u>					

CONTRACTOR Southwind Drilling Rig #7 OWNER \_\_\_\_\_  
 TYPE OF JOB Production String  
 HOLE SIZE 7 7/8 T.D. 3170'  
 CASING SIZE 5 1/2 DEPTH 3170'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1500 psi MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 20.40  
 CEMENT LEFT IN CSG. 20.40  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 76.85 bbl

CEMENT  
 AMOUNT ORDERED 200 60/40 10% Salt  
22. Gal 5/10 1/2 Gas Block 4# Flo  
1000 Gal WFR-2

COMMON	<u>120</u>	@	<u>13.50</u>	<u>1620.00</u>
POZMIX	<u>80</u>	@	<u>7.55</u>	<u>604.00</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
<u>Flo Seal</u>	<u>50</u>	@	<u>2.45</u>	<u>122.50</u>
<u>Gas Block</u>	<u>100</u>	@	<u>10.80</u>	<u>1080.00</u>
<u>Salt</u>	<u>8</u>	@	<u>21.25</u>	<u>170.00</u>
		@		
<u>WFR-2</u>	<u>1000 Gal</u>	@	<u>1.10</u>	<u>N-C</u>
		@		
		@		
		@		
HANDLING	<u>200</u>	@	<u>2.25</u>	<u>450.00</u>
MILEAGE	<u>110/step</u>			<u>300.00</u>
				TOTAL <u>4407.25</u>

REMARKS:

Rat Hlc 30 sks  
Inert @ 3149.60. Est Circulation  
Mixed 1000 Gal WFR-2. Mixed  
170 sks. Shut down, and washed  
Pump + Lines. Displaced 76.85 bbl  
Landed Plug @ 1500 psi  
Float Held!

CHARGE TO: Maj Oil Operations  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

*Thanks!*

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>10</u>	@	<u>7.00</u> <u>70.00</u>
MANIFOLD		@	
		@	
		@	
RECEIVED			
JAN 27 2011			
TOTAL <u>2027.00</u>			

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PLUG & FLOAT EQUIPMENT

		@		
<u>12 Turbulizers</u>		@	<u>42.00</u>	<u>504.00</u>
<u>AFU - Float Shoe</u>		@		<u>214.00</u>
<u>Catch down</u>		@		<u>164.00</u>
		@		

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