

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

Form ACO-1
October 2008
Form Must Be Typed

ORIGINAL

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 SIOW
 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>06/06/2009</u>	<u>06/13/2009</u>	<u>06/13/2009</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

RECEIVED

SEP 15 2009

KCC WICHITA

API No. 15 - 009-25297-0000
 Spot Description: 150' North & 160' East
 _____ NW SW NE Sec. 1 Twp. 18 S. R. 15 East West
1500 Feet from North / South Line of Section
2150 Feet from East / West Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
 County: Barton
 Lease Name: Stoss Well #: 1
 Field Name: Wildcat
 Producing Formation: Lansing
 Elevation: Ground: 2004' Kelly Bushing: 2012'
 Total Depth: 3608' Plug Back Total Depth: 3579'
 Amount of Surface Pipe Set and Cemented at: 471' 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 Alt I NR 9-29-09
 (Data must be collected from the Reserve Pit)
 Chloride content: 81000 ppm Fluid volume: 300 bbls
 Dewatering method used: Hauled Offsite
 Location of fluid disposal if hauled offsite:
 Operator Name: Mai Oil Operations, Inc.
 Lease Name: Nuss License No.: 5259
 Quarter SE Sec. 33 Twp. 15 S. R. 14 East West
 County: Russell Docket No.: D-28763

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: 09/11/2009
 Subscribed and sworn to before me this 14 day of September,
2009.
 Notary Public: Lori Crathorne
 Date Commission Expires: 7-7-2010

KCC Office Use ONLY

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

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

Operator Name: Mal Oil Operations, Inc. Lease Name: Stoss Well #: 1
 Sec. 1 Twp. 18 S. R. 15 East West County: Barton

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, Micro ✓	<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>1043'</td> <td>+969</td> </tr> <tr> <td>Topeka</td> <td>2998'</td> <td>-986</td> </tr> <tr> <td>Heebner</td> <td>3230'</td> <td>-1218</td> </tr> <tr> <td>Toronto</td> <td>3248'</td> <td>-1236</td> </tr> <tr> <td>Brown Lime</td> <td>3298'</td> <td>-1286</td> </tr> <tr> <td>Lansing</td> <td>3311'</td> <td>-1299</td> </tr> <tr> <td>Arbuckle</td> <td>3560'</td> <td>-1548</td> </tr> </table>	Name	Top	Datum	Anhydrite	1043'	+969	Topeka	2998'	-986	Heebner	3230'	-1218	Toronto	3248'	-1236	Brown Lime	3298'	-1286	Lansing	3311'	-1299	Arbuckle	3560'	-1548
Name	Top	Datum																							
Anhydrite	1043'	+969																							
Topeka	2998'	-986																							
Heebner	3230'	-1218																							
Toronto	3248'	-1236																							
Brown Lime	3298'	-1286																							
Lansing	3311'	-1299																							
Arbuckle	3560'	-1548																							

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
8 5/8"	12 1/4"	8 5/8"	20#	471'	60-40 POZ	250	2% gel, 3%CC
5 1/2"	7 7/8"	5 1/2"	14#	3607'	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
3	3472-76', 3458-62', 3450-55', 3441-45'	5500 Gal 20%HCL	
		RECEIVED	
		SEP 15 2009	

TUBING RECORD: Size: <u>2 7/8"</u> Set At: <u>3575'</u> Packer At: <u> </u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or Enhr. <u>07/01/2009</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 <u> </u>	Water Bbls. <u>0</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 <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>3441-3476' OA</u>
--	--	--

ALLIED CEMENTING CO., LLC. 037528

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

SERVICE POINT *Russell*

Midnight 6-7-09

DATE: <i>6-6-09</i>	SEC: <i>1</i>	TWP: <i>18</i>	RANGE: <i>15</i>	CALLED OUT	ON LOCATION	JOB START: <i>2:30 AM</i>	JOB FINISH: <i>3:00 AM</i>
LEASE # <i>STOPS</i>				WELL # <i>1</i>		COUNTY: <i>BARTON</i>	STATE: <i>KANSAS</i>
LOCATION: <i>OLMITZ 1/4 E & N E INO</i>				OLD OR NEW (Circle one)			

CONTRACTOR: <i>SOUTH WIND Rig #3</i>	OWNER
TYPE OF JOB: <i>LONG SURFACE</i>	CEMENT
HOLE SIZE: <i>12 1/4</i>	AMOUNT ORDERED: <i>2 3/4 SX 60/140 3% CC</i>
CASING SIZE: <i>0 5/8</i>	DEPTH: <i>471</i>
TUBING SIZE: <i>4 1/2</i>	DEPTH: <i>28 GEL</i>
DRILL PIPE: <i>28 #</i>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG: <i>20'</i>	COMMON: <i>135 @ 13.50 = 1822.50</i>
PERFS	POZMIX: <i>90 @ 7.55 = 679.50</i>
DISPLACEMENT: <i>28 / BBL</i>	GEL: <i>4 @ 20.25 = 81.00</i>
	CHLORIDE: <i>7 @ 51.50 = 360.50</i>
	ASC

EQUIPMENT

PUMP TRUCK: <i>CEMENTER GLEN</i>	
# <i>417</i>	HELPER: <i>CRAIG</i>
BULK TRUCK	
# <i>378</i>	DRIVER: <i>Shane</i>
BULK TRUCK	
#	DRIVER
HANDLING: <i>225 @ 2.25 = 506.25</i>	
MILEAGE: <i>110 / 50¢/MILE = 55.00</i>	
TOTAL: <i>3749.75</i>	

REMARKS:

*Rad II IT'S 3/8 CSG. SET @ 471
CIRCULATE ON BOTTOM 20 MINUTES
Hooked up to pump truck & mixed
250 SX Cement Release w/Per
plug & Displace 28 BBL Hz.
Cement did circulate
to surface*

THANKS

CHARGE TO: <i>MAI OIL OPERATIONS</i>	SEP 15 2009
STREET	TOTAL: <i>650.00</i>
CITY	KCC WICHITA
STATE	PLUG & FLOAT EQUIPMENT
ZIP	<i>3/8 Solid Rubber Plug N-C</i>

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

ALLIED CEMENTING CO., LLC. 34986A

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell KS

DATE <u>6-13-09</u>	SEC. <u>1</u>	TWP. <u>18</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>2:30am</u>	JOB FINISH <u>3:30am</u>
LEASE <u>Stoss</u>	WELL # <u>1</u>	LOCATION <u>Olmitz KS Church 1/2 East</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>North East into.</u>				

CONTRACTOR Southwind #3
 TYPE OF JOB Production String
 HOLE SIZE 7 7/8 T.D. 3608'
 CASING SIZE 5 1/2 14# DEPTH 3611' set @ 3607'
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 20.11
 CEMENT LEFT IN CSG. 20.11
 PERFS. _____
 DISPLACEMENT 87.60 Bbl

OWNER _____
 CEMENT AMOUNT ORDERED 175 6940 10% Salt 1/4" Flo 2% Gel
1,800 gal WFR-2

COMMON	<u>105</u>	@	<u>13.50</u>	<u>1417.50</u>
POZMIX	<u>70</u>	@	<u>7.55</u>	<u>528.50</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
	<u>Flo 44lbs</u>	@	<u>2.45</u>	<u>107.80</u>
	<u>Salt 7</u>	@	<u>21.25</u>	<u>148.75</u>
	<u>WFR-2</u>	@	<u>N-C</u>	<u>N-C</u>
		@		
		@		
		@		
		@		
HANDLING	<u>175</u>	@	<u>2.25</u>	<u>393.75</u>
MILEAGE	<u>10/sk/mile</u>			<u>350.00</u>
TOTAL				<u>3,007.05</u>

EQUIPMENT

PUMP TRUCK CEMENTER John Roberts Craig
 # 417 HELPER Matt
 BULK TRUCK _____
 # 378 DRIVER Randy
 BULK TRUCK _____
 # _____ DRIVER _____

REMARKS:

Ran 91 jts 5 1/4 14# Casing Circulate on bottom 45min Plug rathole w/ 30sk Mix 500 gal WFR-2 Mix 145 sk cement Displace plug w/ 87.6 Bbl H2O. Land Plug @ 1200 psi
Float Did Hold!

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>1957.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>20</u>	@	<u>7.00</u>	<u>140.00</u>
MANIFOLD		@		
		@		
TOTAL				<u>2097.00</u>

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

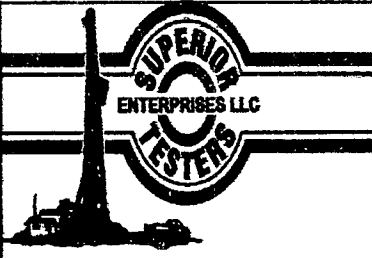
RECEIVED
 SEP 15 2009

KCC WICHITA
 PLUG & FLOAT EQUIPMENT

Fixed 6-15-09

1 - Blue AFU Float Shoe	@	<u>214.20</u>
1 - Blue Latch Down Plug	@	<u>163.80</u>
9 - Weatherford Turbolizers	@	<u>85.05 765.45</u>
	@	
	@	

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



DRILL STEM TEST REPORT

MAI OIL OPERATIONS

STOSS#1

PO BOX 33
RUSSELL KS 67655

1-18-15

Job Ticket: 16401

DST#: 1

ATTN: KIT NOAH

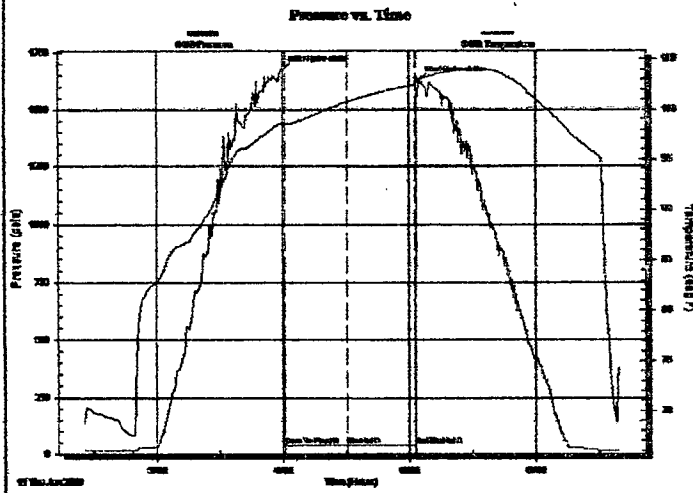
Test Start: 2009.06.11 @ 02:24:33

GENERAL INFORMATION:

Formation: LKC E-F
 Deviated: No Whipstock ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 04:01:03
 Tester: DAVID NICHOLS
 Time Test Ended: 06:39:33
 Unit No: 3345 33 M GB
 Interval: 3358.00 ft (KB) To 3363.00 ft (KB) (TVD)
 Reference Elevations: 2012.00 ft (KB)
 Total Depth: 3388.00 ft (KB) (TVD)
 2004.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 8.00 ft

Serial #: 8400 Inside
 Press@RunDepth: 39.31 psia @ 3378.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2009.06.11 End Date: 2009.06.11 Last Calib.: 2009.06.11
 Start Time: 02:24:33 End Time: 06:39:33 Time On Btmr: 2009.06.11 @ 04:00:03
 Time Off Btmr: 2009.06.11 @ 05:04:33

TEST COMMENT: 30-INITIAL OPENING WEAK SURFACE BLOW DIED AFTER 10 MINS
 30-INITIAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1675.62	98.76	Initial Hydro-static
1	38.77	98.48	Open To Flow (1)
31	39.31	100.78	Shut-in(1)
63	41.73	102.56	End Shut-in(1)
65	1628.13	103.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	DRILLING MUD	0.07

Gas Rates

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

RECEIVED
 SEP 15 2009
 KCC WICHITA

