

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISIONForm ACO-1  
October 2008  
Form Must Be TypedWELL 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: N/A

## 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.: \_\_\_\_\_  
 3-20-09 3-24-09 3-24-09  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 009-25310-0000  
 Spot Description: 230' North & 200' East  
 \_\_\_\_\_ NW \_\_\_\_\_ SW \_\_\_\_\_ SE \_\_\_\_\_ Sec. 5 Twp. 16 S. R. 14 ☐ East ☒ West  
1220 Feet from ☐ North / ☒ South Line of Section  
2110 Feet from ☒ East / ☐ West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
☐ NE ☐ NW ☒ SE ☐ SW  
 County: Barton  
 Lease Name: Nuss Unit Well #: 1  
 Field Name: Wildcat  
 Producing Formation: N/A  
 Elevation: Ground: 1942' Kelly Bushing: 1950'  
 Total Depth: 3424' Plug Back Total Depth: 3424'  
 Amount of Surface Pipe Set and Cemented at: 453' 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: 56000 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 BangertTitle: Prod. Supt. Date: 4-23-09Subscribed and sworn to before me this 23 day of April20 09Notary Public: Lori CrathorneDate 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

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Operator Name: Mai Oil Operations, Inc.Lease Name: Nuss UnitWell #: 1Sec. 5 Twp. 16 S. R. 14 ☐ East ☒ WestCounty: 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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

 Samples Sent to Geological Survey ☐ Yes ☒ No

 Cores Taken ☐ Yes ☒ No

 Electric Log Run ☒ Yes ☐ No  
 (Submit Copy)

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☒ Sample

Name	Top	Datum
Anhydrite	944'	+1006
Topeka	2874'	-924
Heebner	3104'	-1154
Toronto	3122'	-1172
Lansing	3167'	-1217
Base Kansas City	3375'	-1425
Arbuckle	3410'	-1460

CASING RECORD ☒ New ☐ 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	453'	60-40 Poz	225	2 %Gel, 3% CC

## 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 (Amount and Kind of Material Used)	Depth

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TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED CEMENTING CO., LLC. 037433

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Russell*

DATE <b>3-24-09</b>	SEC. <b>5</b>	TWP. <b>16</b>	RANGE <b>14</b>	CALLED OUT	ON LOCATION	JOB START <b>10:00PM</b>	JOB FINISH <b>11:00PM</b>
LEASE <b>Nuss</b>	WELL # <b>UNIT #1</b>	LOCATION <b>Russell 1 S of Co. line</b>			COUNTY <b>BARN</b>	STATE <b>Kansas</b>	
OLD OR NEW (Circle one) <b>NEW</b>				<b>2 1/2 W 1/4 N INTO</b>			

CONTRACTOR <b>SOUTHWIND #3</b>	OWNER
TYPE OF JOB <b>ROTARY Plug</b>	CEMENT
HOLE SIZE <b>7 1/8</b>	TD <b>3434</b>
CASING SIZE <b>8 5/8</b>	SURFACE DEPTH <b>453'</b>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM <input checked="" type="checkbox"/>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG	
PERFS	
DISPLACEMENT	

EQUIPMENT		COMMON <b>102</b>	@ <b>13.50</b>	<b>1377.00</b>
PUMP TRUCK <b>CEMENTER Glenn</b>		POZ MIX <b>68</b>	@ <b>7.55</b>	<b>513.40</b>
# <b>417</b>	HELPER <b>MATT</b>	GEL <b>6</b>	@ <b>20.25</b>	<b>121.50</b>
BULK TRUCK		CHLORIDE	@	
# <b>481</b>	DRIVER <b>CH</b>	ASC	@	
BULK TRUCK		<b>Flt Seal 40#</b>	@ <b>2.45</b>	<b>98.00</b>
#	DRIVER		@	

## REMARKS:

**25 skc 3390**  
**25 skc 960**  
**80 skc 500**  
**10 skc 40' d wiper Plug**  
**30 skc Re-hole**

**THANKS**

CHARGE TO: **MAT OIL Operations**  
STREET

CITY STATE ZIP

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HANDLING <b>178</b>	@ <b>2.25</b>	<b>399.00</b>
MILEAGE <b>110/34/12</b>		<b>300.00</b>
<b>TOTAL</b>		<b>2292.40</b>

DEPTH OF JOB	
PUMP TRUCK CHARGE	<b>990.00</b>
EXTRA FOOTAGE	@
MILEAGE <b>15</b>	@ <b>7.00</b>
MANIFOLD	@
<b>TOTAL</b>	

## PLUG & FLOAT EQUIPMENT

<b>8 5/8 DRY hole Plug</b>	<b>R-R</b>
	@
	@
	@
	@

To Allied Cementing Co., LLC

You are hereby requested to rent cementing equipment

# QUALITY OILWELL CEMENTING, INC.

No. 3222

Phone 785-483-2025  
 Toll 785-324-1041

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

Date	3-20-09	Sec.	5	Twp.	16	Range	14	County	DeSoto	State	Kansas	On Location		Finish	7:00pm
Lease	Musselwhite		Well No.	1		Location		Russell 153 26W N10E							
Contractor	Southwind Drilling Rg-3														
Type Job	Surface														
Hole Size	12 1/4		T.D.	453											
Csg.	8 3/8 2226		Depth	453											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool			Depth												
Cement Left In Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line			Displace	28 1/2 Bbl											
Part															
EQUIPMENT															
Pumptrk	1	No.	Cementer	Steve											
Bulktrk	10	No.	Driver	Babe											
Bulktrk		No.	Driver	Darin											
JOB SERVICES & REMARKS															
Pumptrk Charge	Surface		400.00												
Mileage	17 @ 6.00		102.00												
Footage															
			Total	502.00											
Remarks:	Cement del Circulate														
CEMENT															
			Amount Ordered	225 60lb 28lb											
			Common	135 @ 10.00											
			Poz. Mix	90 @ 6.00											
			Gel.	4 @ 17.00											
			Calcium	8 @ 42.00											
			Mills												
			Salt												
			Flowseal												
FLOAT EQUIPMENT															
			Guide Shoe												
			Centralizer												
			Baskets												
			AFU Inserts	1 38 1/2 in Pig 69.00											
			Rotating Head												
			Squeeze Mainfold												
			Tax	119.07											
			Discount	(216.00)											
			Total Charge	2982.82											

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Signature