

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

10/18/11

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

KCC

OCT 18 2010

CONFIDENTIAL

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 #: _____

07/22/2010 07/30/2010 07/30/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 009-25451-0000
Spot Description: _____
NW SE SE SE Sec. 15 Twp. 17 S. R. 15 East West
340 Feet from North / South Line of Section
400 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: McMullen-Helfrich Well #: 2
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: 1925' Kelly Bushing: 1933'
Total Depth: 3560' Plug Back Total Depth: 3560'
Amount of Surface Pipe Set and Cemented at: 957 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: 72000 ppm Fluid volume: 100 bbls
Dewatering method used: Fluid hauled offsite
Location of fluid disposal if hauled offsite: _____
Operator Name: Mai Oil Operations, Inc.
Lease Name: Axman SWD License #: 5259
Quarter NW Sec. 13 Twp. 15 S. R. 14 East West
County: Barton Permit #: D-30,533

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: _____
Title: Prod. Supt. Date: 10/15/2010

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: 10/18/10 - 10/18/11
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: NS Date: 10-26-10

OCT 18 2010

KCC WICHITA

Operator Name: Mai Oil Operations, Inc. Lease Name: McMullen-Helfrich Well #: 2

Sec. 15 Twp. 17 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 complete copy of all Electric Wire-line 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

Electric Log Submitted Electronically Yes No
(If no, Submit Copy)

List All E. Logs Run:
CNFD, DIL, Micro

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Anhydrite	958'	+975
Topeka	2916'	-983
Heebner	3151'	-1218
Toronto	3164'	-1231
Lansing	3214'	-1281
Base Kansas City	3446'	-1513
Arbuckle	3522'	-1589

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"	23#	957'	60-40POZ	350	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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift 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 (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
--	---	--

ALLIED CEMENTING CO., LLC. 041573

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

OCT 18 2010

SERVICE POINT:

Russell

CONFIDENTIAL

DATE <u>7-29-10</u>	SEC. <u>15</u>	TWP. <u>17</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>8:45 AM</u>	JOB FINISH <u>9:15 AM</u>
McMullen LEASE Helfrich		WELL # <u>2</u>	LOCATION <u>Olmitz + Hwy 9 2N</u>		COUNTY <u>Barton</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>OLD</u>			<u>1 1/2 W Sinto</u>				

CONTRACTOR Southwind Drilling Co. #3

TYPE OF JOB Production RTA

HOLE SIZE 7 7/8 T.D. _____

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 3502

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 205 60% 49.61 / 4476

COMMON	<u>123</u>	@	<u>13.50</u>	<u>1660.50</u>
POZMIX	<u>82</u>	@	<u>7.55</u>	<u>619.10</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE		@		
ASC		@		
<u>Fl. Sol</u>	<u>51</u>	@	<u>2.45</u>	<u>124.95</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>102</u>	@	<u>2.25</u>	<u>229.50</u>
MILEAGE	<u>10.66 / mile</u>			<u>300.00</u>
TOTAL				<u>3075.80</u>

EQUIPMENT

PUMP TRUCK CEMENTER Shane

398 HELPER John

BULK TRUCK

410 DRIVER Richard TWS

BULK TRUCK

_____ DRIVER _____

REMARKS:

3502' 25 sks

1010' 40 sks

475' 100 sks

40' 10 sks

Red Hole 50 sks

CHARGE TO: Mai Oil Operations

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>875.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>980.00</u>

PLUG & FLOAT EQUIPMENT

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

Thanks!

RECEIVED

OCT 18 2010

KCC WICHITA

QUALITY OILWELL CEMENTING, INC.

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

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

No. 4169

McMullen-Helfrick

Date	7-23-10	Sec.	Twp.	Range	County	State	On Location	Finish
Lease		Well No.	1	Location	Colabria	SS 1 1/4 E		12:30 PM

Contractor	Southwest 3	Owner	To Quality Oilwell Cementing, Inc.
Type Job	Long Surface	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.	987
Csg.	8 1/8	Depth	980
Tbg. Size		Depth	
Tool		Depth	
Cement Left in Csg.		Shoe Joint	
Meas Line	23#	Displace	60 1/4
EQUIPMENT		The above was done to satisfaction and supervision of owner agent or contractor.	
		Cement Amount Ordered 350 60/4 342	

Pumptrk	5 No.	Cementer	Dave 315	Common	210
Bulktrk	10 No.	Helper		Poz. Mix	140
Bulktrk	pu No.	Driver	Doug 315	Gel.	7
		Driver	Zack 315	Calcium	12

JOB SERVICES & REMARKS		Hulls	
Remarks:	Pumped 15 BBL #2	Salt	
Rat Hole	10' front of cement	Flowseal	
Mouse Hole		Kol-Seal	
Centralizers		Mud CLR 48	
Baskets		CFL-117 or CD110 CAF 38	
D/V or Port Collar		Sand	
	mixed 350 sk. Released	Handling	362
	plug & displaced 60 1/4 BBL	Mileage	29

Cement Car		FLOAT EQUIPMENT	
		Guide Shoe	
		Centralizer	
		Baskets	
		AFU Inserts	1 8" Baffle plate
		Float Shoe	
		Latch Down	
		Pumptrk Charge	
		Mileage	29

X Signature	<i>[Signature]</i>	Tax	
		Discount	RECEIVED
		Total Charge	OCT 18 2010

KCC WICHITA