

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

8/23/11

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: (214) 219-8883
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: Kitt Noah
Purchaser: NCRA

KCC

AUG 23 2010

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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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
05/18/2010	05/26/2010	05/26/2010

API No. 15 - 009-25421-0000
Spot Description: _____
NW NW SE SW Sec. 21 Twp. 17 S. R. 15 East West
1,310 Feet from North / South Line of Section
1,590 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Barton
Lease Name: Biggs Well #: 1
Field Name: Wildcat
Producing Formation: Arbuckle
Elevation: Ground: 2031 Kelly Bushing: 2039
Total Depth: 3634' Plug Back Total Depth: 3606'
Amount of Surface Pipe Set and Cemented at: 1065 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: 200 bbls
Dewatering method used: Let dry
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: 08/23/2010

KCC Office Use ONLY

RECEIVED

Letter of Confidentiality Received
Date: 8/23/10 - 8/23/11
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DG Date: 8/27/10
KCC WICHITA

Operator Name: Mai Oil Operations, Inc. Lease Name: Biggs Well #: 1
 Sec. 21 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 <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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: CNFD, DIL, Sonic, 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>1070'</td> <td>+967</td> </tr> <tr> <td>Topeka</td> <td>3020'</td> <td>-981</td> </tr> <tr> <td>Heebner</td> <td>3254'</td> <td>-1215</td> </tr> <tr> <td>Toronto</td> <td>3266'</td> <td>-1227</td> </tr> <tr> <td>Lansing</td> <td>3311'</td> <td>-1272</td> </tr> <tr> <td>Base Kansas City</td> <td>3549'</td> <td>-1510</td> </tr> <tr> <td>Arbuckle</td> <td>3575'</td> <td>-1536'</td> </tr> </table>	Name	Top	Datum	Anhydrite	1070'	+967	Topeka	3020'	-981	Heebner	3254'	-1215	Toronto	3266'	-1227	Lansing	3311'	-1272	Base Kansas City	3549'	-1510	Arbuckle	3575'	-1536'
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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#	1065'	60-40 POZ	350	2%Gel, 3% CC
Production	7 7/8"	5 1/2"	14#	3630'	60-40 POZ	150	

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	3590-92', 3591-93'		

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3600'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. 06/09/2010	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. 50	Gas Mcf	Water Bbls. 15	Gas-Oil Ratio	Gravity

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>3590-93' 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. 3835

Date	Sec.	Twp.	Range	County	State	On Location	Finish
5-19-10				Barren	Kansas		2:45 PM
Lease	Well No.		Location				
Biggs	1		R-4 # Olmitz Blacktop 2W W 3E				
Contractor	Owner			To: Quality Oilwell Cementing, Inc.			
Sutherland Drilling Rig 3				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	T.D.		Charge To				
Surface	1065		Main Operations				
Hole Size	Depth		Street				
8 7/8 23 1/2	1065						
Tbg. Size	Depth		City				
			State				
Tool	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
			Cement Amount Ordered				
Cement Left in Csg.	Displace		350 6040 3600 2860				
Meas Line							

EQUIPMENT

Pumptrk	No.	Cementer	Common
		Helper	
Bulktrk	No.	Driver	Poz. Mix
		Driver	
Bulktrk	No.	Driver	Gel.
		Driver	

JOB SERVICES & REMARKS

Remarks:	Calcium
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
	Handling
	Mileage

Cement did Circulate

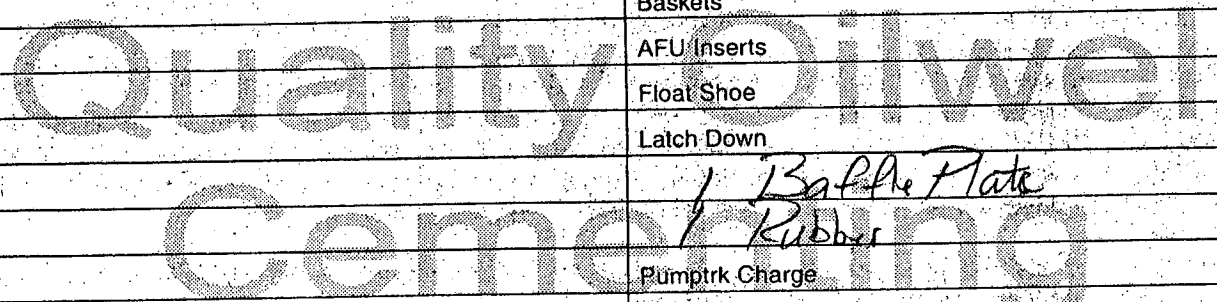
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FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch-Down
1 Baller Plate
1 Rubber
Pumptrk Charge
Mileage

[Signature]
X
Signature

Tax
Discount
Total Charge



ALLIED CEMENTING CO., LLC. 041701

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

KCC
AUG 23 2010

SERVICE POINT:

Russell

DATE <u>5-26-10</u>	SEC. <u>21</u>	TWP. <u>17</u>	RANGE <u>15</u>	CONFIDENTIAL	ON LOCATION	JOB START <u>9:30 a.m.</u>	JOB FINISH <u>10:00 a.m.</u>
LEASE <u>Biggs</u>	WELL # <u>1</u>	LOCATION <u>OT'S 2E 12 1/2E N10</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)					Barber		

CONTRACTOR Sourtham 2763

TYPE OF JOB Production string

HOLE SIZE 5/8 TD. 3634

CASING SIZE 5/2 14# DEPTH 3630

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 21.86

CEMENT LEFT IN CSG. 21.86

PERFS. _____

DISPLACEMENT 883C

EQUIPMENT

PUMP TRUCK CEMENTER Craig

398 HELPER Paul

BULK TRUCK

410 DRIVER Ken

BULK TRUCK

_____ DRIVER _____

REMARKS:

5/2 set @ 3630 Insert set @ 3608
Est. Circulation Pump 1000 gal WFRZ
Rathole 30 sec Cement Casing
Plug landed @ 1500 psi. Pump @ 883C @
7.5L/minute

Thanks!

CHARGE TO: MAILED

STREET _____

CITY _____ STATE _____ ZIP _____

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

OWNER

CEMENT

AMOUNT ORDERED 120 com 10% set + 2% gel
14700 3/4 100 Gas Block
1000 gal WFRZ

COMMON	<u>90</u>	@	<u>13.50</u>	<u>1215.00</u>
POZMIX	<u>60</u>	@	<u>7.50</u>	<u>450.00</u>
GEL	<u>3</u>	@	<u>20.25</u>	<u>60.75</u>
CHLORIDE		@		
ASC		@		
<u>Salt 6 lbs</u>		@	<u>21.25</u>	<u>127.50</u>
<u>Flo seal 320 lbs</u>		@	<u>2.05</u>	<u>93.70</u>
<u>Gas Block 100 lbs</u>		@	<u>10.80</u>	<u>1080.00</u>
<u>WFRZ 1000 G.</u>		@	<u>1.10</u>	<u>N/A</u>
HANDLING	<u>150</u>	@	<u>2.25</u>	<u>337.50</u>
MILEAGE	<u>SK/m/10</u>			<u>225.00</u>
TOTAL				<u>3591.85</u>

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>19.57.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>15</u>	@	<u>7.00</u>	<u>105.00</u>
MANIFOLD		@		
TOTAL				<u>2062.00</u>

PLUG & FLOAT EQUIPMENT

<u>5/2</u>				
<u>AFV Float shoe</u>		@		<u>101.00</u>
<u>Latchdown</u>		@		<u>164.00</u>
<u>10 Turbolizers (R)</u>		@	<u>42.00</u>	<u>420.00</u>
		@		