

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

ORIGINAL

Operator: License # 5259

Name: MAI OIL OPERATIONS, INC.

Address P.O. BOX 33

City/State/Zip RUSSELL, KS. 67665

Purchaser: NCRA

Operator Contact Person: ALLEN BANGERT

Phone (785) 483 2169

Contractor: Name: MURFIN DRILLING CO., INC.

License: 30606

Wellsite Geologist: DAVE SHUMAKER

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

8-23-04 8-28-04 8-28-04  
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23422-0000

County ROOKS

60'W & 40'S Sec. 21 Twp. 10 Rge. 20  <sup>E</sup>  
 <sub>NE</sub>

1360 Feet from S (circle one) Line of Section

720 Feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  SE  NW or SW (circle one)

Lease Name TOWNS Well # 2

Field Name WILDCAT

Producing Formation ARBUCKLE

Elevation: Ground 2182' KB 2187'

Total Depth: 3812' PBSD 3779'

Amount of Surface Pipe Set and Cemented at 230' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1631'

feet depth to SURFACE w/ 160 sx cmt.

Drilling Fluid Management Plan ALERT KGR 2/15/08  
(Data must be collected from the Reserve Pit)

Chloride content 25,000 ppm Fluid volume 80 bbls

Dewatering method used LET DRY AND BACKFILL

Location of fluid disposal if hauled offsite:

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W

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 on 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.

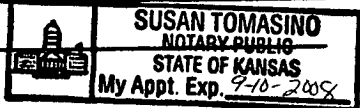
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Allen Bangert  
Title PROD. SUPT. Date 11-29-04

Subscribed and sworn to before me this 30th day of November, 2004.

Notary Public Susan Tomasino

Date Commission Expires \_\_\_\_\_



K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
KCC \_\_\_\_\_ SMD/Rep \_\_\_\_\_ NGPA \_\_\_\_\_  
KGS \_\_\_\_\_ Plug \_\_\_\_\_ Other \_\_\_\_\_  
(Specify)

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SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.

Lease Name TOWNS

Well # 2

Sec. 21 Twp. 10 Rge. 20

East  
 West

County JACKSON

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem 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 during test. Attach extra sheet if more space is needed. Attach copy of log.

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: DUAL INDUCTION,  
COMPENSATED NEUTRON-DENSITY,  
SONIC

Name	Top	Datum
ANHYDRITE	1667	520
BASE ANHY	1702	485
TOPEKA	3231	-1044
HEEBNER	3432	-1245
TORONTO	3452	-1265
LANSING	3469	-1282
BKC	3687	-1497
SIMPSON DOLO	3734	-1547
ARBUCKLE	3746	-1559

CASING RECORD <input 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"	20#	230'	COMMON	150	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3809'	ASC	125	

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)	
		Amount	Depth
4	3747-51'	500 GAL 15% HCL	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		27/8"	3770'		<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method		
9-24-04			<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
	20		100		

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Conningled

Production Interval: 3747-51'

# ALLIED CEMENTING CO., INC.

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: 2

DATE <u>8-23-04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Towns</u>	WELL # <u>2</u>	LOCATION <u>Palco 3 1/2 S 1/4 E 3/4 SE</u>			COUNTY <u>Rook</u>	STATE <u>Ks</u>	<u>8:00 PM</u>
OLD OR NEW (Circle one)							

CONTRACTOR Murfin #16

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 231

CASING SIZE 8 3/4 DEPTH 230

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG 13

PERFS. \_\_\_\_\_

DISPLACEMENT 20 1/2 14 1/4 BBL

EQUIPMENT

343 PUMP TRUCK CEMENTER Dave Stone

# \_\_\_\_\_ HELPER \_\_\_\_\_

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

BULK TRUCK \_\_\_\_\_

# 375 DRIVER Gary

REMARKS:

Cement

Ch

CHARGE TO: Mai Oil Operations

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 150 Com 342

COMMON	<u>150</u>	@	<u>785</u>	<u>117 50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>11 18</u>	<u>33 00</u>
CHLORIDE	<u>5</u>	@	<u>33 18</u>	<u>165 00</u>
ASC		@		

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HANDLING	<u>158</u>	@	<u>1 35</u>	<u>213 30</u>
MILEAGE	<u>54 1/2</u>	@	<u>8 15</u>	<u>434 50</u>
TOTAL				<u>2023 30</u>

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 570 00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 82 1/2 @ 55 00

MILEAGE 55 @ 4 00 220 00

TOTAL 845 00

PLUG & FLOAT EQUIPMENT

MANIFOLD @ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was

# ALLIED CEMENTING CO., INC.

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>8-28-04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Towns</u>	WELL # <u>2</u>	LOCATION <u>Palco 4 1/2 S 1/2 SE</u>			COUNTY <u>Rooks</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Murfin Dily Ry 16

TYPE OF JOB prod string

HOLE SIZE 7 7/8 T.D. DEPTH 3810

CASING SIZE 5 1/2 DEPTH 3809

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL JT 41 DEPTH 1631

PRES. MAX MINIMUM

MEAS. LINE ✓ SHOE JOINT

CEMENT LEFT IN CSG. 30

PERFS.

DISPLACEMENT 15.50 90 BBL

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 150 ASC 10% 500#

3/4" 1% CD-31 5% 91500#

750 gal WFR-2

COMMON	_____	@	_____	_____
POZMIX	_____	@	_____	_____
GEL	<u>3</u>	@	<u>11<sup>00</sup></u>	<u>33<sup>00</sup></u>
CHLORIDE	_____	@	_____	_____
ASC	<u>150</u>	@	<u>9<sup>80</sup></u>	<u>1470<sup>00</sup></u>
SALT	<u>18</u>	@	<u>15<sup>00</sup></u>	<u>270<sup>00</sup></u>
GOLSONITE	<u>705#</u>	@	<u>.50</u>	<u>352<sup>00</sup></u>
CA-31	<u>106#</u>	@	<u>5<sup>50</sup></u>	<u>583<sup>00</sup></u>
DEFOAMER	<u>25#</u>	@	<u>5<sup>25</sup></u>	<u>131<sup>25</sup></u>
FLUSH	<u>750</u>	@	<u>1<sup>00</sup></u>	<u>750<sup>00</sup></u>
HANDLING	<u>181</u>	@	<u>1<sup>35</sup></u>	<u>244<sup>35</sup></u>
MILEAGE	<u>54/SK</u>	/MILE		<u>588<sup>25</sup></u>
				TOTAL <u>4422<sup>35</sup></u>

**EQUIPMENT**

345 Dave

PUMP TRUCK # \_\_\_\_\_ CEMENTER Steve

HELPER \_\_\_\_\_

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

BULK TRUCK # 222 DRIVER Craig

**REMARKS:**

plug mouse hole 10 sk

Rat hole 15 sk

**SERVICE**

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE	_____		<u>1180<sup>00</sup></u>
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>65</u>	@	<u>4<sup>00</sup></u>
<u>5/2 Rubber plug</u>	_____	@	<u>60<sup>00</sup></u>

CHARGE TO: Mai Oil Operations, Inc

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1500<sup>00</sup>

**PLUG & FLOAT EQUIPMENT**

<u>10 4" Turbo Cents</u>	<u>60<sup>00</sup></u>		<u>600<sup>00</sup></u>
<u>1 Guide Shoe</u>	_____	@	<u>150<sup>00</sup></u>
<u>1 AFU Insert</u>	_____	@	<u>235<sup>00</sup></u>
<u>1 Basket</u>	_____	@	<u>128<sup>00</sup></u>
<u>1 part collar</u>	_____	@	<u>750<sup>00</sup></u>

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was

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# ALLIED CEMENTING CO., INC.

2004

10 P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

*Ness Co. Kan*

DATE <i>09-13-04</i>	SEC. <i>21</i>	TWP. <i>10</i>	RANGE <i>20 W</i>	CALLED OUT <i>11:30 AM</i>	ON LOCATION <i>10:00 AM</i>	JOB START <i>10:30 AM</i>	JOB FINISH <i>12:00 PM</i>
LEASE <i>Towns</i>		WELL # <i># 2</i>	LOCATION <i>Elvis No 6 Co.</i>		COUNTY <i>Hooks</i>	STATE <i>KS</i>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <i>Express Well Service</i>	OWNER <i>MAT Industries</i>
TYPE OF JOB <i>Port Collar</i>	
HOLE SIZE _____ T.D. _____	CEMENT _____
CASING SIZE <i>5 1/2</i> - _____ DEPTH <i>3779</i>	AMOUNT ORDERED <i>350 sy 40/40 1% gel</i>
TUBING SIZE <i>2 1/2</i> _____ DEPTH <i>1631 - Port Collar + 1/4 lb 5 to Seal</i>	<i>Used 170 sy cement</i>
DRILL PIPE _____ DEPTH _____	
TOOL _____ DEPTH _____	
PRES. MAX _____ MINIMUM _____	COMMON <i>102A</i> @ <i>7.85</i> <i>800.70</i>
MEAS. LINE _____ SHOE JOINT _____	POZMIX <i>68 Ref</i> @ <i>4.10</i> <i>278.80</i>
CEMENT LEFT IN CSG. _____	GEL <i>944</i> @ <i>11.00</i> <i>99.00</i>
PERFS. _____	CHLORIDE _____ @ _____
DISPLACEMENT _____	ASC _____ @ _____
	<i>NO SEAL H3#</i> @ <i>1.40</i> <i>60.20</i>

**EQUIPMENT**

PUMP TRUCK # <i>221</i>	CEMENTER <i>Jack</i>
	HELPER <i>Jim</i>
BULK TRUCK # <i>357</i>	DRIVER <i>Steve</i>
BULK TRUCK # _____	DRIVER _____

**REMARKS:**

*Hook up to well - test @ 1000 lbs - max  
160 sy to circ cement - knock off & mix  
10 sy to plug rat hole - run 10 lb lb  
tubing & circ hole clean*

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KCC WICHITA	@	
HANDLING <i>366 qt</i>	@ <i>1.35</i>	<i>494.10</i>
MILEAGE <i>366 qt CG 65</i>	@ <i>65</i>	<i>1181.50</i>
		TOTAL <i>2922.30</i>

**SERVICE**

DEPTH OF JOB <i>1631</i>	<i>Port Collar</i>	
PUMP TRUCK CHARGE		<i>700.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>65</i>	@ <i>4.00</i>	<i>260.00</i>
MANIFOLD	@	
	@	
	@	
		TOTAL <i>960.00</i>

CHARGE TO: *MAT Oil Operations*

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

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