

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

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: TODD MORGENSTERN

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  PBTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_

12-01-03 12-05-03 12-05-03  
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23391-0000

County ROOKS

N/2-S/2-SW-SE Sec. 22 Twp. 9 Rge. 20 X<sup>E</sup>

500 Feet from (S)N (circle one) Line of Section

2050 Feet from (E)W (circle one) Line of Section

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

Lease Name STEEPLES Well # 1

Field Name WILDCAT

Producing Formation ARBUCKLE

Elevation: Ground 2259' KB 2264'

Total Depth 3834' PBDT 3834'

Amount of Surface Pipe Set and Cemented at 219' Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 1734'

feet depth to SURFACE w/ 185 sx cmt.

Drilling Fluid Management Plan ALL 2 W/ 6.10.04  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

Dewatering method used LET DRY

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 3-15-04

Subscribed and sworn to before me this 15 day of March 2004.

Notary Public Sherri Underwood

Date Commission Expires 10-30-04 RECEIVED

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

SHERRI UNDERWOOD  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES

MAR 16 2004  
KCC WICHITA

ORIGINAL

SIDE TWO

Operator Name WAI OIL OPERATIONS, INC.

Lease Name STEEPLES

Well # 1

Sec. 22 Twp. 9 Rge. 20

East  
 West

County ROOKS

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: RADIATION-GUARD

Name	Top	Datum
ANHYDRITE	1755	509
BASE ANHYDRITE	1790	474
TOPEKA	3291	-1027
HEEBNER	3497	-1233
TORONTO	3521	-1257
LKC	3538	-1274
BKC	3754	-1490
ARBUCKLE	3830	-1566

CASING RECORD <input type="checkbox"/> New <input checked="" 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"	28#	219'	COMMON	160	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3829'	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					

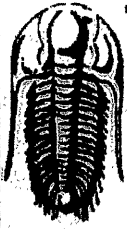
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)	Depth

TUBING RECORD	Size	Set At	Packer At	Liner Run				
	2 7/8"	3829'		<input type="checkbox"/> Yes <input type="checkbox"/> No				
Date of First, Resumed Production, SWD or Inj.	Producing Method			<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
<u>1-2-04</u>								
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
		20			60			

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: \_\_\_\_\_



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Mai Oil Operations Inc

**Steeples #1**

P O Box 33  
Russell Ks 67665

**22-9-20-Rooks-Ks**

Job Ticket: 18416      **DST#: 1**

ATTN: Allen Bangert

Test Start: 2003.12.05 @ 03:20:06

**GENERAL INFORMATION:**

Formation: **Arbuckle**  
 Deviated: No Whipstock      ft (KB)  
 Time Tool Opened: 05:34:36  
 Time Test Ended: 10:36:36  
 Interval: **3750.00 ft (KB) To 3834.00 ft (KB) (TVD)**  
 Total Depth: **3834.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: Good

RECEIVED

MAR 16 2004

KCC WICHITA

Test Type: Conventional Bottom Hole  
 Tester: Dan Bangle  
 Unit No: 21

Reference Elevations:      2264.00 ft (KB)  
    2259.00 ft (CF)  
 KB to GR/CF:      5.00 ft

**Serial #: 6755**

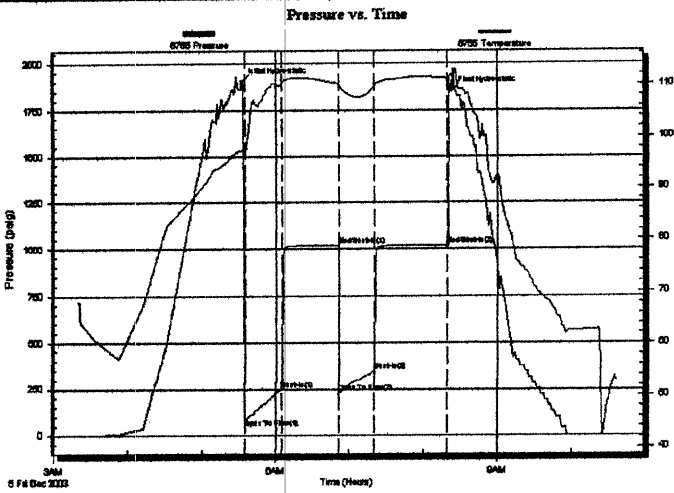
**Inside**

Press@RunDepth: **347.37 psig @ 3753.00 ft (KB)**  
 Start Date: **2003.12.05**      End Date:  
 Start Time: **03:20:06**      End Time:

2003.12.05  
10:36:36

Capacity: **7000.00 psig**  
 Last Calib.: **2003.12.05**  
 Time On Btrn: **2003.12.05 @ 05:32:36**  
 Time Off Btrn: **2003.12.05 @ 08:22:36**

**TEST COMMENT:** F-Strong BOB in 4 min  
 FF-Strong BOB in 7 min  
 Times-30-45-30-60



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1900.17	97.42	Initial Hydro-static
2	44.77	97.08	Open To Flow (1)
33	246.13	110.17	Shut-In (1)
79	1018.75	110.22	End Shut-In (1)
79	230.11	109.96	Open To Flow (2)
108	347.37	109.64	Shut-In (2)
167	1019.55	111.20	End Shut-In (2)
170	1850.57	111.82	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
124.00	OCGsyM 10%g 40%o 50% m	0.61
680.00	CGsyO 10%g 90%o	9.54
0.00	62 GP	0.00

**Gas Rates**

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

# ALLIED CEMENTING CO., INC.

**ORIGINAL**

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

SERVICE POINT:  
Oakley

DATE <u>12-1-03</u>	SEC <u>22</u>	TWP <u>9S</u>	RANGE <u>30W</u>	CALLED OUT	ON LOCATION <u>10:30 AM</u>	JOB START <u>11:30 AM</u>	JOB FINISH <u>11:45 AM</u>
LEASE <u>Steeple</u> WELL # <u>1</u>				LOCATION <u>Palco 1E-11.5</u>		COUNTY <u>Rocks</u>	STATE <u>Kan</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR MurFin Dels Co #16

TYPE OF JOB Sur Face

HOLE SIZE 12 1/4 T.D. 220'

CASING SIZE 8 5/8 DEPTH 219'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13- BBL

OWNER Same

CEMENT

AMOUNT ORDERED 160 SKs com

3% CC-2% Gel

COMMON	<u>160 SKs</u>	@	<u>7.15</u>	<u>1,144.00</u>
POZMIX		@		
GEL	<u>3 SKs</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5 SKs</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>160 SKs</u>	@	<u>1.15</u>	<u>184.00</u>
MILEAGE	<u>54 per SK/mile</u>			<u>360.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Walt

# 224 HELPER Jim

BULK TRUCK

# 218 DRIVER Jarroel

BULK TRUCK

# DRIVER

RECEIVED

MAR 16 2004

TOTAL 1,868.00

REMARKS: KCC WICHITA SERVICE

Cement Did Circ ✓

Approx 2 BBL to Pit

*[Signature]*

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>45-miles</u>	@	<u>3.50</u>	<u>157.50</u>
PLUG	<u>8 5/8 Surface</u>	@		<u>45.00</u>
		@		
		@		

TOTAL 722.50

CHARGE TO: Mai Oil Opr

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment  
and cementer and helper to assist owner or

TOTAL

# ALLIED CEMENTING CO., INC.

# ORIGINAL

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
R

DATE <u>12-6-03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>8:00am</u>	JOB START <u>1:15am</u>	JOB FINISH <u>1:45am</u>
LEASE <u>STEELES</u> WELL # <u>1</u>		LOCATION <u>PALCO 1/2 E 1/2 S</u>			COUNTY <u>ROCKS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>MURPIN 16</u>	OWNER
TYPE OF JOB <u>PRODUCTION STRING</u>	CEMENT
HOLE SIZE <u>7 7/8</u> T.D. <u>3834</u>	AMOUNT ORDERED <u>150 ASC 290 GEL</u>
CASING SIZE <u>5 1/2</u> DEPTH <u>3830</u>	<u>3/4 of 100 CD 31750 GAL WFR-2</u>
TUBING SIZE DEPTH	<u>1/8# FLOXAL</u>
DRILL PIPE DEPTH	
TOOL DEPTH	
PRES. MAX MINIMUM	
MEAS. LINE <u>X</u> SHOE JOINT <u>31' 10"</u>	
CEMENT LEFT IN CSG. <u>31' 10"</u>	
PERFS.	
DISPLACEMENT <u>92 3/4 BBL</u>	

COMMON <u>150 ASC @ 9<sup>00</sup></u>	<u>1350<sup>00</sup></u>
POZMIX @	
GEL <u>3 @ 10<sup>00</sup></u>	<u>30<sup>00</sup></u>
CHLORIDE @	
<u>CD-31 105# @ 5<sup>50</sup></u>	<u>577<sup>50</sup></u>
<u>WFR-2 750 gals @ 1<sup>00</sup></u>	<u>750<sup>00</sup></u>
<u>FloXal 19# @ 14<sup>00</sup></u>	<u>266<sup>00</sup></u>
HANDLING <u>150 @ 45</u>	<u>172<sup>50</sup></u>
MILEAGE <u>54 1/2 / mile</u>	<u>337<sup>50</sup></u>

**EQUIPMENT**

PUMP TRUCK CEMENTER <u>MARK</u>
# <u>345</u> HELPER <u>DAVE</u>
BULK TRUCK DRIVER <u>GARY CRAIG</u>
# <u>213</u> DRIVER

RECEIVED  
MAR 16 2004  
TOTAL 3244<sup>15</sup>

**REMARKS:**

15 SK C.R.H.  
10 SK C.M.H.  
P.C. ON JT #64  
MIXED 25 SK C. 13-4 PPG  
MIXED 100 SK C. 14-8 PPG  
PLUG LANDED  
FLOAT AREA

KCC WICHITA SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1130<sup>00</sup></u>
EXTRA FOOTAGE @	
MILEAGE <u>45 @ 35<sup>00</sup></u>	<u>157<sup>50</sup></u>
PLUG @	
TOTAL	<u>1287<sup>50</sup></u>

CHARGE TO: MAT

STREET \_\_\_\_\_

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

**FLOAT EQUIPMENT**

<u>5 1/2</u>	
<u>PARKER SHOE @</u>	<u>1325<sup>00</sup></u>
<u>LATCH DOWN ASS. (FLEX) @</u>	<u>350<sup>00</sup></u>
<u>Lo CENT Turbo @ 50<sup>00</sup></u>	<u>300<sup>00</sup></u>
<u>2 BASKETS @ 128<sup>00</sup></u>	<u>256<sup>00</sup></u>
<u>PORT COLLAR @</u>	<u>1500<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

TOTAL 3731<sup>00</sup>

# ALLIED CEMENTING CO., INC. ORIGINAL

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

SERVICE POINT:                     

DATE <u>12/15/03</u>	SEC	TWP	RANGE	CALLED OUT	ON LOCATION <u>9 AM</u>	JOB START	JOB FINISH
LEASE <u>Stables</u>	WELL # <u>1</u>	LOCATION <u>Palco 1E</u>			COUNTY <u>Woods</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Rapid

TYPE OF JOB Pump cover

HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_

CASING SIZE 5 1/2 DEPTH \_\_\_\_\_

TUBING SIZE 3 1/2 DEPTH \_\_\_\_\_

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

TOOL P.C. DEPTH 1734

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

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

CEMENT LEFT IN CSG. \_\_\_\_\_

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

DISPLACEMENT \_\_\_\_\_

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 400 1940 1270 1000

145ED 18551

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Raul

# 3106 HELPER Shane

BULK TRUCK DRIVER Craig/Alan

# 378

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

# \_\_\_\_\_

RECEIVED

TOTAL \_\_\_\_\_

MAR 16 2004

KCC WICHITA SERVICE

**REMARKS:**

Thy @ 1234 Press. csg to 1000 #

opnd foot Brake, circ. mixed

1800 ft. 20' dia 9 1/2 gal. closed

foot Press csg to 1000. Ran 1/2 h

Revised out.

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

PUMP TRUCK CHARGE \_\_\_\_\_

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

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: Ma

STREET \_\_\_\_\_

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

**FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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