

FORM MUST BE TYPED

SIDE ONE

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: NGRA

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
 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 PBT
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

6-9-2005 6-15-2005 6-15-2005
Spud Date Date Reached TD Completion Date

API NO. 15- 009-24843-0000

County BARTON

W 1/2 - E 1/2 - SW 1/4 Sec. 5 Twp. 16 Rge. 11 X E

1250 Feet from S (circle one) Line of Section

1700 Feet from E (circle one) Line of Section

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

Lease Name THILL Well # 3

Field Name UNAMED

Producing Formation ARBUCKLE

Elevation: Ground 1785' KB 1790'

Total Depth 3330' PBT 3274'

Amount of Surface Pipe Set and Cemented at 368 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate I) completion, cement circulated from _____

_____ Feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan AH 1 NCR 8-11-08
Data must be collected from the Reserve Pit)

_____ ppm Fluid volume 80 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 7-21-05

Subscribed and sworn to before me this 21st day of July,
2005.

Notary Public Susan Tomasio

Date Commission Expires _____



K.C.C. OFFICE USE ONLY
F NO Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received
Distribution
_____ KCC _____ SWD/Rep _____ NGPA
_____ KGS _____ Plug _____ Other
(Specify)

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.

Lease Name THILL

Well # 3

Sec. 5 Twp. 16 Rge. 11

East
 West

County BARTON

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.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
ANHYDRITE	651'	1139
BASE ANHY	677'	1113
TOPEKA	2552'	-762
HEEBNER	2832'	-1042
TORONTO	2850'	-1060
DOUGLAS	2882'	-1092
BROWN LM	2924'	-1134
LANSING	2940'	-1150
BASE KANSAS CITY	3209'	-1419
ARBUCKLE	3257'	-1467

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#	368'	COMMON	220	2% GHL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3329'	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 checked="" type="checkbox"/> Plug Off Zone	3276-78'	60-40POZ	75	

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
4	3268-70'	250 GAL 15% MUD ACID	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8"	3270'		
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)		
7-8-2005				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	25		35	

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval Other (Specify) _____

ALLIED CEMENTING CO., INC.

ORIGINAL ✓

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Russell

DATE <u>6/9/05</u>	SEC. <u>5</u>	TWP. <u>16</u>	RANGE <u>11</u>	CALLED OUT <u>8:00 pm</u>	ON LOCATION <u>10:30 pm</u>	JOB START <u>10:45 pm</u>	JOB FINISH <u>11:30 pm</u>
LEASE <u>Thill</u>	WELL # <u>3</u>	LOCATION <u>Dubuque Church 15</u>			COUNTY <u>Barton</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 1/8 E N into</u>					

CONTRACTOR Murfin #16

TYPE OF JOB Surface Job

HOLE SIZE 10 3/4 T.D. 369

CASING SIZE 8 5/8 20B DEPTH 367.68

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS _____

DISPLACEMENT 22 1/4

OWNER _____

CEMENT AMOUNT ORDERED 225 cu 3/4 cc 2 1/2 cc

COMMON	<u>225</u>	@	<u>8.70</u>	<u>1957.50</u>
POZMIX		@		
GEL	<u>5</u>	@	<u>11.00</u>	<u>55.00</u>
CHLORIDE	<u>7</u>	@	<u>38.00</u>	<u>266.00</u>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER Shane

366 HELPER Alan

BULK TRUCK

222 DRIVER Keith

BULK TRUCK

_____ DRIVER _____

HANDLING	<u>236</u>	@	<u>1.60</u>	<u>377.60</u>
MILEAGE	<u>64 / sk/mile</u>			<u>495.00</u>
TOTAL				<u>3152.70</u>

REMARKS:

Cement Circ

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>670.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>35</u>	@	<u>5.00</u>	<u>175.00</u>

RECEIVED
KANSAS CORPORATION COMMISSION

JUL 25 2005

TOTAL 845.00

CONSERVATION DIVISION
WICHITA, KS

PLUG & FLOAT EQUIPMENT

MANIFOLD		@		
<u>8 5/8 wood plug</u>		@		<u>55.00</u>

CHARGE TO: Mai Oil Operations Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

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

ALLIED CEMENTING CO., INC.

ORIGINAL

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

SERVICE POINT:
Great Bend

DATE <u>6-15-05</u>	SEC. <u>5</u>	TWP. <u>16</u>	RANGE <u>11</u>	CALLED OUT <u>8:35 AM</u>	ON LOCATION <u>12:30</u>	JOB START <u>2:00 PM</u>	JOB FINISH <u>5:25 PM</u>
LEASE <u>Bill</u>		WELL # <u>3</u>	LOCATION <u>Dubuque Church 2 east,</u>		COUNTY <u>Barton</u>	STATE <u>Kansas</u>	
OLD OR (NEW) (Circle one)		<u>1 south, 1/4 east, north into</u>					

CONTRACTOR Murfin
 TYPE OF JOB Logging
 HOLE SIZE 7 1/2 T.D. 3330'
 CASING SIZE 5 1/2 DEPTH 3329'
 TUBING SIZE 5 1/2 DEPTH 3302'
 DRILL PIPE DEPTH
 TOOL DEPTH
 PRES. MAX. # 1200 MINIMUM
 MEAS. LINE yes SHOE JOINT 27'
 CEMENT LEFT IN CSG. 27'
 PERFS.
 DISPLACEMENT 80.5 BBLs

OWNER Mai Oil Operations
 CEMENT
 AMOUNT ORDERED 140 ex ASC 5# Kolsea
per ex, 3/4 of 1% CD-31, W 16# Deformen
750 gallon WFR 2

EQUIPMENT
H.B.
 PUMP TRUCK CEMENTER D. Drilling
 # 181 HELPER Don Demitt
 BULK TRUCK
 # 341 DRIVER Don Dugan
 BULK TRUCK
 # Maintenance DRIVER Bill Leibham

COMMON	@		
POZMIX	@		
GEL		<u>3 ex</u>	@ <u>14.00</u> <u>42.00</u>
CHLORIDE	@		
ASC		<u>140 ex</u>	@ <u>10.75</u> <u>1505.00</u>
WFR-2		<u>750 gallons</u>	@ <u>1.00</u> <u>750.00</u>
ACD-31		<u>97#</u>	@ <u>6.25</u> <u>618.75</u>
D-Foam		<u>16#</u>	@ <u>5.75</u> <u>92.00</u>
Salt		<u>8 ex</u>	@ <u>15.75</u> <u>126.00</u>
	@		
	@		
	@		
HANDLING		<u>16/act</u>	@ <u>1.60</u> <u>257.60</u>
MILEAGE		<u>16/4.06</u>	<u>35</u> <u>338.10</u>
			TOTAL <u>3729.4</u>

REMARKS:
Ran 5 1/2 casing to bottom
Hook up & circulate with sig mud
Mixed 15 ex in patch hole, wash pump out
& lines, hook up to 5 1/2 & pump 750 gallons
WFR 2. Start w cement, and mixed all cement
shut down, change valves over, release 5 1/2
rubber plug & displace with 80 1/2 BBLs fresh
H²O. float did hold.

SERVICE

DEPTH OF JOB	<u>3302'</u>	
PUMP TRUCK CHARGE		<u>1320.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>35</u>	@ <u>5.00</u> <u>175.00</u>
	@	
	@	
	@	
TOTAL <u>1495.00</u>		

CHARGE TO: Mai Oil Operations Inc.
 STREET P.O. Box 33
 CITY Russell STATE Kansas ZIP 67665

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 25 2005
 CONSERVATION DIVISION
 WICHITA, KS

Thanks

PLUG & FLOAT EQUIPMENT

MANIFOLD	@		
<u>Cement 5 1/2</u>	@	<u>235.00</u>	<u>235.00</u>
<u>Guide shoe 5 1/2</u>	@	<u>160.00</u>	<u>160.00</u>
<u>12 - Turbo centralizers</u>	@	<u>60.00</u>	<u>720.00</u>
<u>Rubber plug - 5 1/2</u>	@	<u>60.00</u>	<u>60.00</u>

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

ALLIED CEMENTING CO., INC

ORIGINAL

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

SERVICE POINT:

Great Bend

DATE <u>6-24-05</u>	SEC. <u>S</u>	TWP. <u>16s</u>	RANGE <u>11w</u>	CALLED OUT <u>9:00 AM</u>	ON LOCATION <u>12:00 PM</u>	JOB START <u>12:30 PM</u>	JOB FINISH <u>3:30 PM</u>
LEASE <u>T-11</u>	WELL # <u>#3</u>	LOCATION <u>Duburg Church -</u>			COUNTY <u>Barton</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>1 south 2 1/4 East North into</u>			

CONTRACTOR Rapid Well Service
 TYPE OF JOB Squeeze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 1/2 DEPTH 3278
 TUBING SIZE 2 3/8 DEPTH 3223
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERES _____
 DISPLACEMENT _____

OWNER MAF Oil Operations
 CEMENT
 AMOUNT ORDERED 75 sq 6.0/100
15 lbs CD-31
Used all cement & additives

COMMON <u>Ball</u>	@	<u>8.00</u>	<u>652.50</u>
POZMIX _____	@		
GEL _____	@		
CHLORIDE _____	@		
ASC _____	@		
<u>ACD-31 15#</u>	@	<u>6.25</u>	<u>193.75</u>
_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
_____	@		
HANDLING <u>Ball</u>	@	<u>1.60</u>	<u>120.00</u>
MILEAGE <u>Ball 06</u>	<u>25</u>	<u>Mile</u>	<u>180.00</u>
TOTAL			<u>1046.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER Jack
 # 181 HELPER Don
 BULK TRUCK
 # 342 DRIVER Ricky
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:

Hook to tubing - mix 75 sq cement
& Displace with 14 bbls of water
hooked up @ 2000 lbs - wash out tubing
hook back up & pressure to 2000 - let set
45 min - wash down to top of perfor
& put 1000 lbs on tubing - let set
Thanks

SERVICE

DEPTH OF JOB <u>3223'</u>		
PUMP TRUCK CHARGE _____		<u>1320.00</u>
EXTRA FOOTAGE _____	@	
MILEAGE <u>25</u>	@	<u>5.00</u>
_____	@	
_____	@	
_____	@	
_____	@	
TOTAL		<u>1445.00</u>

RECEIVED
 KANSAS CORPORATION COMMISSION
 JUL 25 2005
 CONSERVATION DIVISION
 WICHITA, KS

CHARGE TO: MAF Operating operations
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

MANIFOLD _____	@		
<u>Squeeze</u>	@	<u>75.00</u>	<u>75.00</u>
_____	@		
_____	@		
_____	@		

To Allied Cementing Co., Inc.
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