

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

API NO. 15- 163-23314-0000

County ROOKS
240' NORTH
SE - SE - SW Sec. 29 Twp. 10 Rge. 20 X E

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

2-17-2001 2-25-2001 3-14-2001
Spud Date Date Reached TD Completion Date

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

2310 Feet from E(L) (circle one) Line of Section

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

Lease Name KELLER 1st A¹¹ Well # 3

Field Name TRICO

Producing Formation LKC

Elevation: Ground 2139' KB 2144'

Total Depth 3767' PBTB 3687'

Amount of Surface Pipe Set and Cemented at 208 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1593'

feet depth to SURFACE w/ 240 sx cmt.

Drilling Fluid Management Plan Act. II KGR 1-8-08
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 400 bbls

Dewatering method used LET DRY AND BACKFILL

Location of fluid disposal if hauled offsite: _____

Operator Name MAY 08 2001

Lease Name _____ License No. _____

Quarter _____ Section _____ Township _____ Range _____ E/W
WICHITA, KS

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 5-7-2001

Subscribed and sworn to before me this 7th day of May,
2001.

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2005

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



Operator Name MAI OIL OPERATIONS, INC. Lease Name KELLER "A" Well # 3

Sec. 29 Twp. 10 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: RAG, SONIC

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
ANHYDRITE	1602'	542
TOPEKA	3181'	-1037
HEEBNER	3387'	-1243
TORONTO	3408'	-1264
LANSING	3426'	-1282
BKC	3648'	-1504
CONGLOMERATE	3692'	-1548

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	208'	60-40POZ	150	2% GEL 3% GG
PRODUCTION	7 7/8"	4 1/2"	10.5	3743'	ASC	210	2% GEL 10% SALT

ADDITIONAL CEMENTING/SQUEEZE RECORD

1/8PPSFLOCEL

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
3	3617-22', 3582-86'	750 GAL. 15% HCL NE	
		2250 GAL. 20% HCL CRA	
		300# ROCK SALT	

TUBING RECORD Size 2 3/8" Set At 3680' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SMD or Inj. 3-28-2001 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	30		0		

Disposition of Gas: METHOD OF COMPLETION

Vented Sold Used on Lease
 (If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval

3617-22'
3582-86'

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

SERVICE POINT: ORIGINAL R

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

DATE <u>J-18-01</u>	SEC. <u>29</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>3:00 p.m.</u>
LEASE <u>Keller</u>	WELL # <u>3</u>	LOCATION <u>Ellis N to C.L. 1N</u>			COUNTY <u>Robks</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>NEW</u>			

CONTRACTOR Murphy Dly Rig 8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 208

CASING SIZE 8 3/8 DEPTH 208

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 10-13

PERFS. _____

DISPLACEMENT 28# 12 1/4 BBL

OWNER _____

CEMENT AMOUNT ORDERED 150⁰⁰ 342

COMMON	<u>90</u>	@	<u>6³⁵</u>	<u>571⁵⁰</u>
POZMIX	<u>60</u>	@	<u>3²⁵</u>	<u>195⁰⁰</u>
GEL	<u>3</u>	@	<u>9⁵⁰</u>	<u>28⁵⁰</u>
CHLORIDE	<u>5</u>	@	<u>28⁰⁰</u>	<u>140⁰⁰</u>

EQUIPMENT

PUMP TRUCK # 345 CEMENTER Dave Mark

BULK TRUCK # 160 DRIVER Darin

BULK TRUCK # 292 DRIVER Glenn

HANDLING	<u>158</u>	@	<u>1⁰⁵</u>	<u>165⁹⁰</u>
MILEAGE	<u>24</u>	@	<u>15⁰⁰</u>	<u>360⁰⁰</u>

RECEIVED KANSAS CORPORATION COMMISSION

TOTAL 1315⁷⁸

MAY 08 2001

REMARKS:

Cement Cr

SERVICE

CONSERVATION DIVISION WICHITA, KS

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 470⁰⁰

EXTRA FOOTAGE _____ @ _____

MILEAGE 34 @ 3⁰⁰ 102⁰⁰

PLUG 8 3/8 wooden @ _____ 45⁰⁰

TOTAL 617⁰⁰

CHARGE TO: Mai Oil Operations Inc

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

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

TOTAL _____

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

ORIGINAL

SERVICE POINT:

P.O. BOX 31
RUSSELL, KANSAS 67665

125/01	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION 10:30A.m.	JOB START	JOB FINISH 3:30P.m.
E Keller	WELL # 3	LOCATION N. Ellis to Co. line			COUNTY Rooks	STATE KS.	
OLD OR <u>NEW</u> (Circle one)				IN NW N 1/4			

CONTRACTOR Murfin #8

TYPE OF JOB Long String

HOLE SIZE 7 7/8" T.D. 3766'

CASING SIZE 4 1/2" DEPTH 3741'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Port Collar DEPTH 1591'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 32.79

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 59 BBL

OWNER Same

CEMENT

AMOUNT ORDERED 225' ASC 10% Salt
2% Gel 1/8" Floseal
500 Gal WFR2

COMMON	225 ASC	@	8.20	1845.00
POZMIX		@		
GEL	4	@	9.50	38.00
CHLORIDE		@		
Salt	23	@	7.00	147.00
WFR-2	500 gals	@	1.00	500.00
Floseal	29#	@	1.40	40.60
		@		
		@		
HANDLING (250)		@	1.05	262.50
MILEAGE	44/51 mile			340.00

EQUIPMENT

PUMP TRUCK CEMENTER Paul

153 HELPER Jason

BULK TRUCK

282 DRIVER Shane

BULK TRUCK

_____ DRIVER _____

KANSAS CORPORATION COMMISSION

MAY 08 2001

TOTAL 3173.00

REMARKS:

Mixed 500 Gal WFR2. Followed w/ 2105x. Displaced plug.

Float held!

Thank You

155x Rathole

SERVICE

CONSERVATION DIVISION
WICHITA, KS

DEPTH OF JOB			
PUMP TRUCK CHARGE			1080.00
EXTRA FOOTAGE		@	
MILEAGE	34	@	3.00
PLUG	4 1/2 TRP	@	38.00
		@	
		@	

TOTAL 1220.00

CHARGE TO: Mai Oil

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

Guide Shoe	1	@	125.00
Insert	1	@	210.00
Centralizers	8	@	45.00
Basket	1	@	116.00
Port Collar	1	@	1600.00

TOTAL 2411.00

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.

6560

ORIGINAL

Federal Tax I.I.

SERVICE POINT:

R

P.O. BOX 31
RUSSELL, KANSAS 67665

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
5-08-01	29	10	20				1:30pm
WELL #	LOCATION		COUNTY	STATE			
Keller	Palco # Sta Co line		Goodman	KS			
OLD OR NEW (Circle one)	IN 3/4w		Rooks				

CONTRACTOR Rapid Well Service OWNER _____

TYPE OF JOB Port Collar

HOLE SIZE	T.D.
CASING SIZE <u>5 1/2</u>	DEPTH
TUBING SIZE <u>2"</u>	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT

AMOUNT ORDERED 425 60/40 6% gel

1415 flo seal / sk

used 240 #

COMMON	<u>144</u>	@	<u>6.35</u>	<u>914.40</u>
POZMIX	<u>96</u>	@	<u>3.25</u>	<u>312.00</u>
GEL	<u>13</u>	@	<u>9.50</u>	<u>123.50</u>
CHLORIDE		@		
Flo Seal	<u>60#</u>	@	<u>1.40</u>	<u>84.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>445</u>	@	<u>1.05</u>	<u>467.25</u>
MIXED	<u>44/SY</u>	@	<u>MILE</u>	<u>605.20</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Mark</u>
# <u>3177</u>	HELPER	<u>Bill</u>
BULK TRUCK		
# <u>291</u>	DRIVER	<u>Celen</u>
BULK TRUCK		
#	DRIVER	

TOTAL 2506.35

MAY 08 2001

REMARKS:

Tested Csg to 1000' - opened tool
mixed 240 # - circ cement closed
tool - pressured csg to 1200' - Ran
to 1200' - washed tubing clean - pulled
tool

CONSERVATION DIVISION
WICHITA, KS

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>580.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>34</u>	@	<u>3.00</u>
PLUG		@	
		@	
		@	

TOTAL 682.00

CHARGE TO: Man

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@	
	@	
	@	
	@	
	@	

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

TOTAL _____