

ORIGINAL

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

API NO. 15- 163-23334-00-00

County ROOKS

W/2-SE - NW-SE Sec. 29 Twp. 10 Rge. 20 X^E_W

1625 Feet from S/N (circle one) Line of Section

1750 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 KELLER Well # 3

Field Name TRICO

Producing Formation ARBUCKLE

Elevation: Ground 2160' KB 2165'

Total Depth 3815' PBDT 3785'

Amount of Surface Pipe Set and Cemented at 211 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set Feet

If Alternate II completion, cement circulated from 1573

feet depth to SURFACE w/ 180 sx cmt.

Drilling Fluid Management Plan DL #2 KGR 8/8/07
(Data must be collected from the Reserve Pit)

Chloride content 15,000 ppm Fluid volume 125 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.

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 MORGEN STERN

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 PBDT

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

8-17-2001 8-24-2001 8-24-2001

Spud Date Date Reached TD Completion Date

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 12-10-2001

Subscribed and sworn to before me this 10th day of December, 2001.

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2005

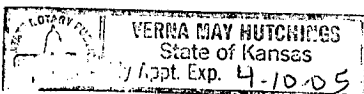
K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other (Specify)

RECEIVED

DEC 11 2001

KCC WICHITA



Operator Name MAI OIL OPERATIONS, INC.

Lease Name KELLER

Well # 3

Sec. 29 Twp. 10 Rge. 20

East

County ROOKS

West

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

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
ANHYDRITE	1628	537
BASE ANHYDRITE	1674	491
TOPEKA	3204	-1039
HEEBNER	3408	-1243
TORONTO	3429	-1264
LANSING	3446	-1281
BASE K.C.	3667	-1502
ARBUCKLE	3746	-1581

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#	211'	60-40 POZ	150	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3815'	ASC	175	2% GEL 10% SALT

ADDITIONAL CEMENTING/SQUEEZE RECORD 1/8 PPS FLOCELE

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
4	3758-62'	500 GAL 15% HCL FE	
4	3750-52'	300 GAL 15% HCL FE	

TUBING RECORD	Size	Set At	Packer At	Liner Run				
	2 3/8"	3780'		<input type="checkbox"/> Yes <input type="checkbox"/> No				
Date of First, Resumed Production, SMD or Inj.	Producing Method							
9-18-2001	<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity			
	12		50					

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**

Vented Sold Used on Lease (If vented, submit ACO-18.) Open Hole Perf. Dually Comp. Commingled 3758-62'

Other (Specify) RECEIVED 3750-52'

RECEIVED
OCT 11 2001
KCOO WOOD

ALLIED CEMENTING CO., INC.

Federal Tax I.D. _____

1002
ORIGINAL

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

SERVICE POINT:

Russell

DATE <u>8-17-01</u>	SEC. <u>29</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT <u>7:45 PM</u>	ON LOCATION <u>9:15 PM</u>	JOB START <u>9:45 PM</u>	JOB FINISH <u>10:15 PM</u>
LEASE <u>Keller</u>		WELL # <u>3</u>	LOCATION <u>Palco 5S 1/2 W 1/2 N</u>		COUNTY <u>ROOS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN DRUG Rig #8

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 211

CASING SIZE 8 5/8 DEPTH 210

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 12 1/2 BBL

EQUIPMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 150 SK ⁶⁸ 40

2% Gel

3% CC

COMMON	<u>90</u>	@	<u>6.65</u>	<u>598.50</u>
POZMIX	<u>60</u>	@	<u>3.55</u>	<u>213.00</u>
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
_____	_____	@	_____	_____
HANDLING	<u>158</u>	@	<u>1.10</u>	<u>173.80</u>
MILEAGE	<u>44 1/2</u>	@	<u>4.50</u>	<u>214.50</u>

PUMP TRUCK CEMENTER Glenn

153 HELPER JASON

BULK TRUCK

213 DRIVER Shane

BULK TRUCK

_____ DRIVER _____

RECEIVED TOTAL 1380.18

DEC 11 2001 SERVICE

KCC WICHITA

REMARKS:

Cement Did Circulate

THANK'S

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 520.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 34 @ 3.00 102.00

PLUG 8 5/8 WOODEN @ 45.00

_____ @ _____

_____ @ _____

TOTAL 667.00

CHARGE TO: MAE 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. ORIGINAL

Federal Tax I.D. [REDACTED]

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>8-29-01</u>	SEC. <u>29</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:00 pm</u>
LEASE <u>Keller</u>	WELL # <u>3</u>	LOCATION <u>Ellis N to CL</u>			COUNTY <u>Rook</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR _____ OWNER _____

TYPE OF JOB Prod String

HOLE SIZE 27 1/2 T.D. 3815

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL port collar DEPTH 1573

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 27

PERFS. _____

DISPLACEMENT _____

EQUIPMENT

345 Dave

PUMP TRUCK CEMENTER Bill

_____ HELPER _____

BULK TRUCK _____

_____ DRIVER _____

BULK TRUCK _____

292 DRIVER Brent

CEMENT

AMOUNT ORDERED 190 ASC: 2% gel

500 gal WFR-2 5% Cal Seal

10% salt 3/4 of 1% CFR

1/2 lb per cft Flow Seal

COMMON	<u>190 ASC</u>	@	<u>8.50</u>	<u>1615.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE		@		
WFR-2	<u>500 gals</u>	@	<u>1.00</u>	<u>500.00</u>
Salt	<u>18</u>	@	<u>7.00</u>	<u>126.00</u>
CFR-2	<u>134 #</u>	@	<u>5.50</u>	<u>737.00</u>
Flow Seal	<u>24 #</u>	@	<u>14.00</u>	<u>336.00</u>
		@		
HANDLING	<u>220</u>	@	<u>1.10</u>	<u>242.00</u>
MILEAGE	<u>84/sk</u>	@		<u>299.20</u>

RECEIVED

DEC 11 2001

KCC WICHITA SERVICE

TOTAL 3582.00

REMARKS:

plug Rob hole 15 sk mouse hole 10 sk

Flow Seal

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1130.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>34</u>	@	<u>3.00</u>
PLUG	<u>52 Rubber</u>	@	<u>50.00</u>
		@	
		@	

CHARGE TO: Mai Oil Operations, Inc

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

1 Guide Shoe	@	<u>150.00</u>
1 AFU Insert	@	<u>235.00</u>
7 Centralizers	@	<u>50.00</u>
1 port collar	@	<u>175.00</u>
1 Basket	@	<u>128.00</u>

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

TOTAL 2613.00

ALLIED CEMENTING CO., INC.

Federal Tax I.D.#

ORIGINAL

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

SERVICE POINT:
K

DATE <u>9-13-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>3:00 pm</u>
LEASE # <u>KCC 100</u>	WELL # <u>3</u>	LOCATION <u>N of ELL to Co lin</u>			COUNTY <u>Rooks</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>110' 1st 2nd</u>			

CONTRACTOR Boyd Well Services

TYPE OF JOB Port Callan

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 400 4 1/2 bags

used 180

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Mark

316 HELPER Don

BULK TRUCK

312 DRIVER Barry

BULK TRUCK

_____ DRIVER _____

RECEIVED

DEC 11 2001

KCC WICHITA SERVICE

TOTAL _____

REMARKS:

Initial cement 1500' spotted 2 sand

Opened tool missed 180 sl case

cleaned tool 2nd 5' job

would clean Run to plug

would sand

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

CHARGE TO: Mid Oil Operations

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL _____

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 _____