

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

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: TODD MORGENSTERN

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl. **RECEIVED** **KANSAS CORPORATION COMMISSION**)

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. _____

4-15-2004 4-21-2004 4-21-2004
Spud Date Date Reached TD Completion Date

API NO. 15- 163-23397-0000

County ROOKS
110' N. & 50' W
- NE - SE - SW Sec. 16 Twp. 10 Rge. 20 E W

1100 Feet from S (circle one) Line of Section
2260 Feet from E (circle one) Line of Section

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

Lease Name TOWNS Well # 1

Field Name MARCOTTE

Producing Formation ARBUCKLE

Elevation: Ground 2219' KB 2224'

Total Depth 3840' PBD 3804'

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 1708'

feet depth to SURFACE w/ 250 sx cmt.

Drilling Fluid Management Plan ALT II W/M 10-17-06
(Data must be collected from the Reserve Pit)

Chloride content 20,000 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

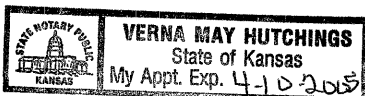
Title PROD. SUPT. Date 5-14-2004

Subscribed and sworn to before me this 14th day of May, 2004.

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2005

K.C.C. OFFICE USE ONLY			
F	<input checked="" type="checkbox"/> NO	Letter of Confidentiality Attached	
C	<input checked="" type="checkbox"/>	Wireline Log Received	
C	<input checked="" type="checkbox"/>	Geologist Report Received	
Distribution			
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other
(Specify)			



SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.

Lease Name TOWNS

Well # 1

Sec. 16 Twp. 10 Rge. 20 East West

County ROOKS

ORIGINAL

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: SONIC , DUAL INDUCTION,
COMPENSATED NEUTRON-DENSITY

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
ANHYDRITE	1692'	528
BASE ANHYDRITE	1734'	484
TOPEKA	3259'	-1035
HEEBNER	3461'	-1237
TORONTO	3480'	-1256
LANSING	3499'	-1275
BKC	3719'	-1495
ARBUCKLE	3764'	-1540

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	219'	COMMON	150	2% GEL 5% CC
PRODUCTION	7 7/8"	5 1/2"	14	3834'	ASC	125	2% GEL 10% SALT 75% CD-31 #PS FLOCEL

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)	Depth
4	3775-81'		

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8"	3800'		
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)			
5-19-2004				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	25		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

3775-81'

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# [REDACTED]

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

ORIGINAL

DATE <u>4/14/04</u>	SEC. <u>16</u>	TWP. <u>10</u>	RANGE <u>20</u>	CALLED OUT <u>1:15 PM</u>	ON LOCATION <u>3:30 PM</u>	JOB START	JOB FINISH <u>4:30 PM</u>
LEASE <u>Townes</u>	WELL # <u>2</u>	LOCATION <u>PALCO 20 45</u>			COUNTY <u>Rooker</u>	STATE <u>Ka</u>	
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR MURFIN #16

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 8 7/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 13 bbls

EQUIPMENT

PUMP TRUCK CEMENTER BILL

345 HELPER DAVE

BULK TRUCK

213 DRIVER GARY

BULK TRUCK

DRIVER

REMARKS:

Ran 50% of 8 7/8 ret c. 219

Cent of 150 lb Com 3-2

Pump plus of 13 bbls of water

Cent did circ. to Sellen

CHARGE TO: Maj Oil Co

STREET

CITY STATE ZIP

OWNER

CEMENT 15163283970000

AMOUNT ORDERED 150 lb Com 3-2

COMMON	<u>150</u>	@	<u>7.65</u>	<u>1147.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>11.00</u>	<u>33.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>158</u>	@	<u>1.25</u>	<u>197.50</u>
MILEAGE	<u>57/58/MI</u>			<u>474.00</u>
TOTAL				<u>2002.00</u>

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>60</u>	@	<u>4.00</u>	<u>240.00</u>
	<u>1-85 wood</u>	@		<u>45.00</u>
		@		
		@		

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 17 2004

TOTAL 805.00

CONSERVATION DIVISION
WICHITA, KS

PLUG & FLOAT EQUIPMENT

MANIFOLD @

@

@

@

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

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# [REDACTED]

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

ORIGINAL

4/21/04	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION 12:00A.m.	JOB START	JOB FINISH 4:30P.M.
E Townes	WELL # 1	LOCATION Booster Sta. 3 1/2 E IN		COUNTY	ROOKS	STATE	KS
DOR NEW (Circle one)							

CONTRACTOR Murfin #16

TYPE OF JOB Production String

HOLE SIZE 7 7/8" T.D. 3840'

CASING SIZE 5 1/2" DEPTH 3835'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL Port Collar DEPTH 1708'

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT 219'

CEMENT LEFT IN CSG. Insert @ 3809'

PERFS. _____

DISPLACEMENT 93 Bbl

OWNER 1516323970000

CEMENT

AMOUNT ORDERED 150 ASC 2070 GEL
10% Salt + 3/4 of 1% CD-31 1/4" FLO-SEAL
750 GEL WFR-2

EQUIPMENT

PUMP TRUCK CEMENTER Paul

366 HELPER Shane

BULK TRUCK

213 DRIVER Rufus

BULK TRUCK

_____ DRIVER _____

COMMON	_____	@	_____	_____
POZMIX	_____	@	_____	_____
GEL	<u>3</u>	@	<u>11⁰⁰</u>	<u>33⁰⁰</u>
CHLORIDE	_____	@	_____	_____
ASC	<u>150</u>	@	<u>9⁵⁰</u>	<u>1425⁰⁰</u>
SALT	<u>14</u>	@	<u>15⁰⁰</u>	<u>210⁰⁰</u>
CD-31	<u>100#</u>	@	<u>5⁵⁰</u>	<u>550⁰⁰</u>
DEFAMER A	<u>50#</u>	@	<u>5²⁵</u>	<u>262⁵⁰</u>
FLO-SEAL	<u>38#</u>	@	<u>140</u>	<u>53⁰⁰</u>
WFR-2	<u>750 GEL</u>	@	<u>1⁰⁰</u>	<u>750⁰⁰</u>
HANDLING	<u>168</u>	@	<u>12⁵</u>	<u>210⁰⁰</u>
MILEAGE	<u>57/514/mile</u>			<u>504⁰⁰</u>
TOTAL				<u>3997²⁰</u>

REMARKS:

Mixed 750 GEL WFR-2. Followed
by 125 SY @ 14.5 ppg. Displaced
w/ 92 1/2 Bbl. Plug Landced
Float Held!

Rathole - 15 SY
Moushole - 10 SY

Thank You!

CHARGE TO: Main Oil Oper.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	_____		_____
PUMP TRUCK CHARGE	_____		<u>1130⁰⁰</u>
EXTRA FOOTAGE	_____	@	_____
MILEAGE	<u>60</u>	@	<u>4⁰⁰</u>
Plug 5 1/2 TRP	_____	@	<u>60⁰⁰</u>
TOTAL			<u>1430⁰⁰</u>

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 17 2004

CONSERVATION DIVISION
WICHITA, KS

MANIFOLD	_____	@	_____
Conide shoe 1	_____	@	<u>150⁰⁰</u>
AFL Insert 1	_____	@	<u>235⁰⁰</u>
Turbo Cent 2	_____	@	<u>10⁰⁰</u>
Basket 1	_____	@	<u>128⁰⁰</u>
Port collar 1	_____	@	<u>175⁰⁰</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

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# [REDACTED]

PO. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: 2

<u>4-29-04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10:00AM</u>	JOB START	JOB FINISH <u>12:00PM</u>
<u>TOWNS</u>	WELL # <u>1</u>	LOCATION <u>PALCO BOOSTER STATION</u>			COUNTY <u>ROCKS</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)				<u>45 FTN</u>			

CONTRACTOR TAPED

TYPE OF JOB PORT COLLAR

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 1516323970600

CEMENT

AMOUNT ORDERED 400 69/40 6% GEL

1/4 LB FLO SEAL/SK

USED 250 SKS

COMMON	<u>150</u>	@	<u>7.65</u>	<u>1147.50</u>
POZMIX	<u>100</u>	@	<u>4.00</u>	<u>400.00</u>
GEL	<u>17</u>	@	<u>11.00</u>	<u>187.00</u>
CHLORIDE		@		
ASC		@		
Flo Seal	<u>63#</u>	@	<u>1.40</u>	<u>88.20</u>
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>428</u>	@	<u>1.25</u>	<u>535.00</u>
MILEAGE	<u>54/SK/MILE</u>			<u>1284.00</u>
TOTAL				<u>3641.70</u>

REMARKS:

P. COLLAR @ 1708 TEST CSG TO 1000'
OPEN TOOL BROKE CTRC MIXED 250 SK
CTRC CEMENT - CLOSE TOOL PRES. TO
1000' - RAN 10 WASH CLEAN

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>650.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>60</u>	@	<u>4.00</u>	<u>240.00</u>
		@		
		@		
		@		

CHARGE TO: MAN

STREET _____

CITY _____ STATE _____ ZIP _____

RECEIVED
KANSAS CORPORATION COMMISSION

MAY 17 2004

PLUG & FLOAT EQUIPMENT
CONSERVATION DIVISION
WICHITA, KS

TOTAL 890.00
~~1000.00~~

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