

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

API NO. 15- 009-24765-0000 ORIGINAL

County BARTON
- - - SE 4 Sec. 5 Twp. 16 Rge. 11 X E/W

1530 Feet from (S)N (circle one) Line of Section
2030 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 THILL Well # 1

Field Name WILDCAT

Producing Formation ARBUCKLE

Elevation: Ground 1793' KB 1798'

Total Depth 3277' PBDT 3277'

Amount of Surface Pipe Set and Cemented at 389 ✓ Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan See 1st W 12-1-03
(Data must be collected from the Reserve Pit)

Chloride content 10,000 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. _____

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

8-25-2003 8-31-2003 8-31-2003
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 11-17-2003

Subscribed and sworn to before me this 12th day of November, 2003.

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
NOV 19 2003
KCC WICHITA

NOTARY PUBLIC
VERNA MAY HUTCHINGS
State of Kansas
My Appt. Exp. 4-10-05

SIDE TWO

Operator Name MAT OIL OPERATIONS, INC.

Lease Name THILL

Well # 1

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.)

List All E.Logs Run: COMPENSATED NEUTRON-DENSITY, DUAL INDUCTION, SONIC

Name	Top	Datum
ANHYDRITE	656	1142
TARKIO LM	2317	-519
ELMONT	2378	-580
HOWARD	2514	-716
TOPEKA	2552	-754
HEEBNER	2834	-1036
DOUGLAS	2868	-1070
BRN LM	2926	-1128
LANSING	2938	-1140
BKC	3213	-1415
ARBUCKLE	3268	-1470

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"	23#	389'	COMMON	225	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	15.50#	3271'	ASC	150	

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

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	3270'		<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)			
9-17-2003				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	20		70	

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

3271-77'

ALLIED CEMENTING CO., INC.

Federal Tax I.D. [REDACTED]

ORIGINAL
Russell

ACCOUNT NO. 15-009-24765-0000

SERVICE POINT:

APT. 15-009-24765-00-00

SEC	RANGE	CALL OUT	ON LOCATION	JOB START	JOB FINISH
	11	8:00 AM	10:00 AM	1:45 PM	2:30 PM
LOCATION	DURBUQUE CHURCH		COUNTY	BARTON KANSAS	
DEPT	1 S 2 1/2 E 1/2 NE				

CONTRACTOR: [REDACTED] #16
 OWNER: Same
 CEMENT: 175 SK ASC
 AMOUNT ORDERED: 3/4 OF 120 CD31
 750 GAL WFR² FLUSH
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____

RECEIVED
 NOV 19 2003
 KCC WICHITA SERVICE
 TOTAL _____

REMARKS: [REDACTED]

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____
 EXTRA FOOTAGE _____ @ _____
 MILEAGE _____ @ _____
 PLUG LATCH DOWN _____ @ _____
 _____ @ _____

OPERATIONS: [REDACTED]

FLOAT EQUIPMENT
 WEATHER FORD
 1- Packer Shoe @ _____
 1- LATCH DOWN PLUG @ _____
 100 GENT GAL 200S @ _____
 1- BASKET @ _____
 _____ @ _____

CONTRACTOR'S EQUIPMENT: [REDACTED]

TOTAL _____

ALLIED CEMENTING CO., INC.

Federal Tax I.D. [REDACTED]

ORIGINAL 15990

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

SERVICE POINT:

At Bend

API # 15-009-24765-00-00

DATE <u>8-25-03</u>	SEC. <u>5</u>	TWP. <u>16</u>	RANGE <u>11</u>	CALLED OUT <u>12:00 PM</u>	ON LOCATION <u>2:30 PM</u>	JOB START <u>5:00 PM</u>	JOB FINISH <u>5:30 PM</u>
LEASE <u>Tbill</u>		WELL # <u>1</u>		LOCATION <u>Dudman 15, 2 1/2, 5/8 into</u>		COUNTY <u>Barton</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR Mudwin #16

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 390'

CASING SIZE 8 5/8 N-40* DEPTH 389'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERIS _____

DISPLACEMENT 24 bbls

OWNER Same

CEMENT

AMOUNT ORDERED 225 lbs Common

3% cc, 2% ad

COMMON	<u>225 net</u>	@	<u>7.15</u>	<u>1608.75</u>
POZMIX		@		
GEL	<u>4 net</u>	@	<u>10.00</u>	<u>40.00</u>
CHLORIDE	<u>7 net</u>	@	<u>30.00</u>	<u>210.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>236 net</u>	@	<u>1.15</u>	<u>271.40</u>
MILEAGE	<u>236 net 05</u>		<u>25</u>	<u>295.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Tom D

181 HELPER Bob B

BULK TRUCK

342 DRIVER Don D

BULK TRUCK

_____ DRIVER _____

RECEIVED TOTAL 2425.15

NOV 19 2003

KCC WICHITA

SERVICE

REMARKS:

Ran 389' of 8 5/8" cas. Broke circulation

Mixed 225 lbs common, 3% cc, 2% ad

Rebond plug. Replaced with fresh

H₂O.

Cement did circulate ✓

Shank

DEPTH OF JOB	<u>389'</u>			
PUMP TRUCK CHARGE				<u>520.00</u>
EXTRA FOOTAGE	<u>89</u>	@	<u>50</u>	<u>4450</u>
MILEAGE	<u>25</u>	@	<u>3.50</u>	<u>87.50</u>
PLUG 1-8 5/8 wooden		@	<u>45.00</u>	<u>45.00</u>
		@		
		@		
TOTAL				<u>697.00</u>

CHARGE TO: Ma: Oil operations, Inc.

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		

15-009-24765-0000