

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE 20'W & 160'

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 (85) 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 SIOW Temp. Lqd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc.)

If Workovers:

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. _____

4-8-05 4-14-05 4-14-05
Spud Date Date Reached TD Completion Date

API NO. 15- 009-24827-0000

County BARTON

N C - S 1/2 - S 1/2 - NW Sec. 5 Twp. 16 Rge. 11 E
W

2150 Feet from S/N (circle one) Line of Section

1300 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 ANSCHUTZ-DAVIDSON Well # 1

Field Name UNIT DAVIDSON

Producing Formation ARBUCKLE

Elevation: Ground 1798' KB 1803'

Total Depth 3325' PBDT 3301'

Amount of Surface Pipe Set and Cemented at 367' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

Alternate IJ completion, cement circulated from _____

_____ feet depth to _____ w/ _____ sx cmt.

_____ Filling Fluid Management Plan
_____ (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. _____

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KCC WICHITA

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 6-10-05

Subscribed and sworn to before me this 10 day of June, 2005.

Notary Public Brenda Hall

Date Commission Expires 3-21-09

NOTARY PUBLIC - State of Kansas
BRENDA HALL
My Appt. Exp. 3-21-09

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)

Form ACO-1 (7-91)

X

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.

Lease Name ANSCHUTZ-DAVIDSON Well # 1

Sec. 5 Twp. 16 Rge. 11 East West

County UNIT 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

Log Sample

Name	Top	Datum
ANHYDRITE	670'	1133
TOPEKA	2560'	-757
HEEBNER	2841'	-1038
TORONTO	2859'	-1056
LANSING	2948'	-1145
BASE KANSAS CITY	3218'	-1415
CONGLOMERATE	3247'	-1444
ARBUCKLE	3268'	-1465

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#	367'	COMMON	225	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3324'	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 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	3282-86'		

TUBING RECORD Size 27/8" Set At 3295' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. _____ Producing Method Flowing Pumping Gas Lift Other (Explain) _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	65		40		

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled

Other (Specify) _____

Production Interval

ALLIED CEMENTING CO., INC. ORIGINAL

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: R

DATE <u>4/5/05</u>	SEC.	TWP.	RANGE <u>N 1/2</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:00</u>	
LEASE <u>Anscher & Davidson</u>			WELL # <u>1</u>		LOCATION <u>Debukue 2 1/2 E K 5</u>		COUNTY <u>Barton</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)								

CONTRACTOR Murlin #16

TYPE OF JOB prod string

HOLE SIZE 7 7/8 T.D. 3325

CASING SIZE 5 1/2 DEPTH 3324

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE Ø SHOE JOINT _____

CEMENT LEFT IN CSG. 21

PERFS. _____

DISPLACEMENT 14# 8 1/4

EQUIPMENT

345 PUMP TRUCK CEMENTER Dave

_____ HELPER Steve

BULK TRUCK _____

_____ DRIVER _____

BULK TRUCK _____

282 DRIVER Gary

REMARKS:

plug mouse hole 10 sk

Rad hole 15 sk

Float Held

CHARGE TO: Mai Oil

STREET _____

CITY _____ STATE _____ ZIP _____

OWNER _____

CEMENT

AMOUNT ORDERED 150 ASC 10% salt

3/4 of 1% CD-31 5% Gilsonite

750 gal WFR-2

COMMON _____	@ _____	_____	_____
POZMIX _____	@ _____	_____	_____
GEL _____	@ _____	_____	_____
CHLORIDE _____	@ _____	_____	_____
ASC <u>150</u>	@ <u>10⁷⁵</u>	<u>1612⁰⁰</u>	_____
SALT <u>18</u>	@ <u>15⁷⁵</u>	<u>283⁵⁰</u>	_____
GILSONITE <u>750</u>	@ <u>.60</u>	<u>450⁰⁰</u>	_____
CD-31 <u>106</u>	@ <u>6²⁵</u>	<u>662⁵⁰</u>	_____
DEFOAMER <u>38</u>	@ <u>5⁷⁵</u>	<u>218⁵⁰</u>	_____
WFR-2 <u>750</u>	@ <u>1⁰⁰</u>	<u>750⁰⁰</u>	_____
HANDLING <u>185</u>	@ <u>1⁶⁰</u>	<u>296⁰⁰</u>	_____
MILEAGE <u>60/SK/MILE</u>		<u>299⁷⁰</u>	_____
TOTAL			<u>4572⁷⁵</u>

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1320⁰⁰

EXTRA FOOTAGE _____ @ _____

MILEAGE 27 @ 5⁰⁰ 135⁰⁰

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KCC WICHITA

TOTAL 1455⁰⁰

PLUG & FLOAT EQUIPMENT

5 1/2 Rubber 60⁰⁰

MANIFOLD _____ @ _____

1 Guide Shoe @ 160⁰⁰

1 AEU Insert @ 235⁰⁰

10 Turbo Cents @ 60⁰⁰ 600⁰⁰

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., ORIGINAL ✓

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: 2

DATE <u>4-16-05</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Nutseh</u>	WELL # <u>3</u>		LOCATION <u>Zarrick 4S 1/2 E</u>			COUNTY <u>Rock</u>	STATE <u>Ks</u>
OLD OR NEW (Circle one)							

CONTRACTOR Murfin #16

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 220

CASING SIZE 8 1/2 DEPTH 219

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 20# 13 3/4

OWNER _____

CEMENT AMOUNT ORDERED 170 COM 3+2

COMMON	<u>170</u>	@	<u>8⁷⁰</u>	<u>1479⁰⁰</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>14⁰⁰</u>	<u>42⁰⁰</u>
CHLORIDE	<u>5</u>	@	<u>38⁰⁰</u>	<u>190⁰⁰</u>
ASC		@		

EQUIPMENT

345 PUMP TRUCK CEMENTER Dave Speer

_____ HELPER _____

BULK TRUCK # _____ DRIVER _____

BULK TRUCK # 222 DRIVER Gary

HANDLING	<u>178</u>	@	<u>1⁶⁰</u>	<u>284⁰⁰</u>
MILEAGE	<u>6.95K/MILE</u>			<u>608.76</u>
TOTAL				<u>2604.56</u>

REMARKS:

SERVICE

DEPTH OF JOB	_____			
PUMP TRUCK CHARGE				<u>670⁰⁰</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>57</u>	@	<u>5⁰⁰</u>	<u>285⁰⁰</u>
		@		
		@		
		@		

CHARGE TO: Mai Ord

STREET _____

CITY _____ STATE _____ ZIP _____

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JUN 13 2005

TOTAL 955⁰⁰

KCC WICHITA
PLUG & FLOAT EQUIPMENT

J. E. WOODEN 55⁰⁰

MANIFOLD	_____	@		
	_____	@		
	_____	@		
	_____	@		
	_____	@		

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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