

ORIGINAL

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

API NO. 15- 051-25095-0000

County ELLIS

APPROX E/2-SE Sec. 27 Twp. 11 Rge. 19 X <sup>E</sup> <sub>W</sub>

1190 Feet from S (circle one) Line of Section

780 Feet from E (circle one) Line of Section

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

Lease Name VINE "C" Well # 2

Field Name SOLOMON

Producing Formation ARBUCKLE

Elevation: Ground 2097 KB 2102

Total Depth 3606' PBDT 3606'

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes \_\_\_ No \_\_\_

If yes, show depth set \_\_\_ Feet

If Alternate II completion, cement circulated from 1329'

feet depth to SURFACE w/ 300 sx cmt.

Drilling Fluid Management Plan Alt. 2 KJR 8/8/07  
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid-volume 100 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.

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. \_\_\_\_\_

7-25-2001 7-30-2001 7-30-2001  
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.

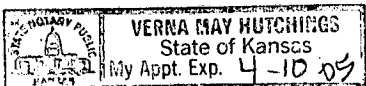
Signature Allen Bangert  
Title Prod. Supt Date 12-12-2001

Subscribed and sworn to before me this 12th day of December, 2001.

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2005

K.C.C. OFFICE USE ONLY  
F1  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)



RECEIVED

DEC 17 2001

KCC WICHITA

Operator Name MAI OIL OPERATIONS, INC.

Lease Name VINE "C" Well # 2

Sec. 27 Twp. 11 Rge. 19  
 East  
 West

County ELLIS

**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 (Submit Copy.)  Yes  No

List All E.Logs Run:  
RADIATION GUARD

Name	Top	Datum	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
			Formation (Top), Depth and Datums	
ANHYDRITE	1389	713		
BASE ANHYDRITE	1431	671		
TOPEKA	3055	-953		
HEEBNER	3282	-1180		
TORONTO	3300	-1198		
LANSING	3323	-1221		
BKC	3548	-1446		
SIMPSON	3590	-1488		
ARBUCKLE	3604	-1502		

**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#	220'	60-40POZ	150	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14 & 15.50	3604.5'	ASC	165	2% GEL 10% SALT PPS FLOCELE

**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 2 7/8" Set At 3600' Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First, Resumed Production, SWD or Inj. 9-5-2001 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	<u>7</u>		<u>300</u>		

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 3604.5-06'



**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Mai Oil Operations

Vine "C" #2

P.O.Box 33  
Russell, Ks. 67665

27-11s-19w

Job Ticket: 14776

DST#: 1

ATTN: Allen Bangert

Test Start: 2001.07.29 @ 21:17:01

**GENERAL INFORMATION:**

Formation: Arb.  
Deviated: No Whipstock ft (KB)  
Time Tool Opened: 23:51:31  
Time Test Ended: 06:22:01  
Interval: 3582.00 ft (KB) To 3606.00 ft (KB) (TVD)  
Total Depth: 3606.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole  
Tester: John Schmidt  
Unit No: 18

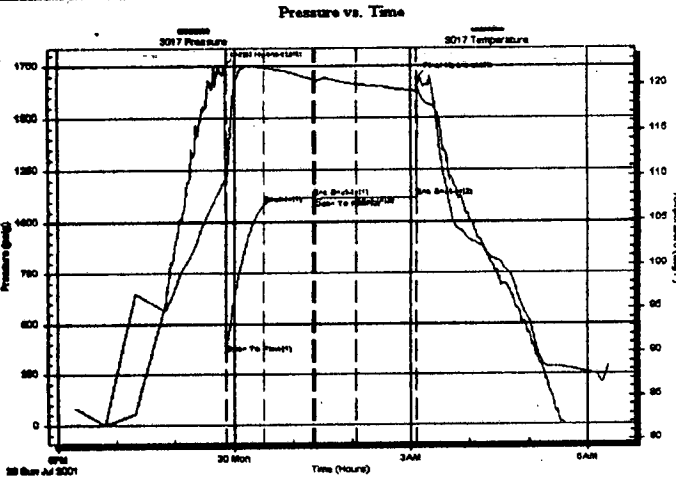
Reference Elevations: 2102.00 ft (KB)  
2097.00 ft (CF)  
KB to GR/CF: 5.00 ft

Serial #: 3017

Press@RunDepth: 1116.97 psig @ ft (KB)  
Start Date: 2001.07.29 End Date: 2001.07.30  
Start Time: 21:17:02 End Time: 06:22:01

Capacity: 7000.00 psig  
Last Calib.: 1899.12.30  
Time On Btm: 2001.07.29 @ 23:49:31  
Time Off Btm: 2001.07.30 @ 03:06:31

TEST COMMENT: IF-Strong B.O.B.in 1min. SI no blow  
FF- Good 7" in 18 min. Decreasing Dead in 30 min.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1748.34	109.36	Initial Hydro-static
2	349.60	109.73	Open To Flow (1)
41	1087.49	121.97	Shut-in(1)
91	1116.38	120.67	End Shut-in(1)
93	1106.03	120.58	Open To Flow (2)
135	1116.97	120.10	Shut-in(2)
197	1117.87	119.31	End Shut-in(2)
197	1688.98	119.29	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
1680.00	Salt Water	21.87
180.00	O-C-W 20%oil 80%water	2.52
250.00	O-C-W 30%oil 70%water	3.51
370.00	Free Oil	5.19

**Gas Rates**

Choke(Inches)	Pressure (psig)	Gas Rate (Mcf/d)

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NCC WICHITA

# ALLIED CEMENTING CO., INC

ORIGINAL

Federal Tax I.D.#

REMIT TO: PO BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: \_\_\_\_\_

DATE <u>12-11-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Wine</u>	WELL # <u>C-2</u>	LOCATION <u>40.0000 9N 1E 12N</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW: (Circle one)							

CONTRACTOR Rapid Well Service

TYPE OF JOB psi - cellar

HOLE SIZE 8 1/2" T.D.

CASING SIZE 5 1/2" DEPTH

TUBING SIZE 2 1/2" DEPTH

DRILL PIPE \_\_\_\_\_ DEPTH

TOOL 1330 DEPTH

PRES. MAX \_\_\_\_\_ MINIMUM

MEAS. LINE \_\_\_\_\_ SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT.

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 450 @ 6% gel

1/4 lb floccul used 280 lb

2 sand

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_

EQUIPMENT

345 Dave

PUMP TRUCK CEMENTER Mark

# \_\_\_\_\_ HELPER

BULK TRUCK

# \_\_\_\_\_ DRIVER

BULK TRUCK

# 382 DRIVER Darin

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NCC WICHITA SERVICE

TOTAL \_\_\_\_\_

REMARKS:

skid plug @ 1000 psi

280 lb sand

1330 gpm

2 1/2" casing

2 1/2" tubing

1330 gpm

psi - cellar

used 280 lb

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

PLUG \_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Mai Oil

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. XXXXXXXXXX

ORIGINAL

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

R

DATE <u>7-30-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>10:15 p.m.</u>
LEASE <u>Vin</u>	WELL # <u>C-2</u>	LOCATION <u>Yocemento &amp; Homestead Rd</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)				<u>1E 1N</u>			

CONTRACTOR <u>Murphy #8</u>	OWNER
TYPE OF JOB <u>Production String</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D. <u>3606</u>
CASING SIZE <u>5 1/2</u>	DEPTH <u>3604</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>33'</u>
CEMENT LEFT IN CSG. <u>33'</u>	
PERFS. <u>Port collar @ 1383'</u>	
DISPLACEMENT <u>87 1/4</u>	

AMOUNT ORDERED <u>165 ASC 7% gel</u>	
<u>10% Salt 3/4 of 1/2 CB-31</u>	
<u>1/4 lb flo seal/sk</u>	<u>500 gal WFR-2</u>
COMMON	@
POZMIX	@
GEL <u>3</u>	@ <u>10.00</u> <u>30.00</u>
CHLORIDE	@
<u>ASC 165</u>	@ <u>8.50</u> <u>1402.50</u>
<u>Salt 15</u>	@ <u>7.00</u> <u>105.00</u>
<u>CFR-2 116#</u>	@ <u>5.50</u> <u>639.00</u>
<u>WFR-2 500 gals</u>	@ <u>1.00</u> <u>500.00</u>
<u>Flo Seal 20</u>	@ <u>1.40</u> <u>28.00</u>
HANDLING <u>192</u>	@ <u>1.10</u> <u>211.20</u>
MILEAGE <u>24 SK / Mile</u>	<u>130.00</u>

EQUIPMENT	
PUMP TRUCK # <u>346</u>	CEMENTER <u>Mark</u>
	HELPER <u>Dave</u>
BULK TRUCK # <u>213</u>	DRIVER <u>Bill</u>
BULK TRUCK #	DRIVER

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DEC 17 2001

NCC WICHITA SERVICE

TOTAL 3845.26

REMARKS:

Floats held

plug Rod hole 15 SL  
mouse hole 10 SL

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>1130.00</u>
EXTRA FOOTAGE	@
MILEAGE <u>17</u>	@ <u>3.00</u> <u>51.00</u>
PLUG <u>5 1/2 - TRP</u>	@ <u>50.00</u>
	@
	@

TOTAL 1231.00

CHARGE TO: Main oil operation  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

<u>5 1/2</u>	@	
<u>G-Shoe</u>	@	<u>150.00</u>
<u>Insert</u>	@	<u>235.00</u>
<u>B-Cent</u>	@	<u>50.00</u> <u>400.00</u>
<u>B-Baskets</u>	@	<u>128.00</u> <u>384.00</u>
<u>Port Collar</u>	@	<u>1750.00</u>

TOTAL 2919.00

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

ORIGINAL

ALLIED CEMENTING CO., INC.

0200

Federal Tax I.D.#

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

SERVICE POINT:

Russell

DATE <u>7-25-01</u>	SEC. <u>27</u>	TWP. <u>11</u>	RANGE <u>19</u>	CALLED OUT <u>5:40 PM</u>	ON LOCATION <u>8:00 PM</u>	JOB START	JOB FINISH <u>9:30 PM</u>
LEASE <u>Vine</u>		WELL # <u>C-2</u>	LOCATION <u>Yocement 09N 1E 1M</u>			COUNTY <u>Ellis</u>	STATE <u>Kan</u>
OLD OR NEW (Circle one)							

CONTRACTOR <u>MUNFIN #8</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D.
CASING SIZE <u>8 7/8</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15"</u>	
PERFS.	
DISPLACEMENT <u>13 bbls</u>	

CEMENT	
AMOUNT ORDERED	<u>150 60/403-2</u>

COMMON	<u>90</u>	@	<u>665</u>	<u>598 50</u>
POZMIX	<u>60</u>	@	<u>355</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 00</u>
MILEAGE	<u>4 1/2</u>	@	<u>1 mile</u>	<u>107 44</u>

EQUIPMENT	
PUMP TRUCK # <u>34</u>	CEMENTER <u>Bill</u>
	HELPER <u>Mark</u>
BULK TRUCK # <u>213</u>	DRIVER <u>Darin</u>
BULK TRUCK #	DRIVER

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DEC 17 2001  
NCC WICHITA SERVICE  
TOTAL 1272 74

REMARKS:

ran 5 lts 8 7/8  
Setc 220  
Cemt w/ 150 lbs 60/403-2  
pump plug w/ 13 bbls water  
Cemt did circ.

DEPTH OF JOB	
PUMP TRUCK CHARGE	<u>520 00</u>
EXTRA FOOTAGE	@
MILEAGE <u>1-3 1/2</u>	@ <u>17</u>
PLUG <u>wood</u>	@ <u>3 00</u>
	@ <u>45 00</u>
	@
	@
TOTAL	<u>66 00</u>

CHARGE TO: MCI Oil op, Inc  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

	@
	@
	@
	@
	@