

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

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

2-27-2001 2-2-2001 2-21-2001
Spud Date Date Reached TD Completion Date

API NO. 15- 051-25075-0000 ORIGINAL

County ELLIS

SE-NE-NW - Sec. 27 Twp. 11 Rge. 19 ^E_W

990 Feet from S(circle one) Line of Section

2310 Feet from E(circle one) Line of Section

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

Lease Name VINE Well # 7

Field Name SOLOMON

Producing Formation ARBUCKLE

Elevation: Ground 2121 KB 2126

Total Depth 3636' PBTD 3636'

Amount of Surface Pipe Set and Cemented at 234 Feet

Multiple Stage Cementing Collar Used? XXX Yes No

If yes, show depth set 1411 Feet

If Alternate II completion, cement circulated from 1411'

feet depth to SURFACE w/ 160 sx cmt.

Drilling Fluid Management Plan ALT 2 821 01/09/03
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 300 bbls

Dewatering method used LET DRY AND BACKFILL

Location of fluid disposal if hauled offsite:
RECEIVED
KANSAS CORPORATION COMMISSION

Operator Name MAY 08 2001

Lease Name _____ License No. _____

County _____ Docket No. _____

Quart. _____ Conservation Division _____ S Rng. _____ E/W
WICHITA, KS

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.

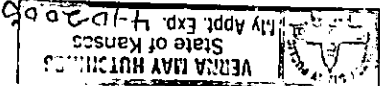
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Allen Bangert
Title PROD. SUPT. Date 5-7-2001

Subscribed and sworn to before me this 7th day of May,
2001.

Notary Public Jenna May Hutchings

Date Commission Expires April 18, 2005



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

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

Operator Name MAI OIL OPERATIONS, INC. Lease Name VINE Well # 7

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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANHYDRITE	1414'	712
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	TOPEKA	3083'	-957
List All E.Logs Run:	<u>RAG, SONIC</u>	HEEBNER	3310'	-1184
		TORONTO	3326'	-1200
		LANSING	3350'	-1224
		BKC	3572'	-1446
		SIMPSON SHALE	3613'	-1487
		SIMPSON DOL.	3620'	-1494
		ARBUCKLE	3633'	-1507

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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	234'	60-40POZ	150	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14	3635'	ASC	175	2% GEL 10% SALT

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
	3635'-3636' OPEN HOLE		

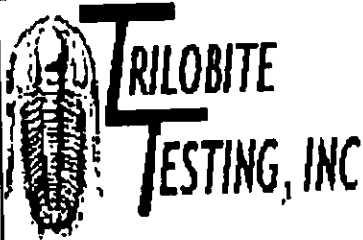
TUBING RECORD	Size <u>2 7/8"</u> Set At <u>3633'</u> Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, S/D or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
<u>3-15-2001</u>		
Estimated Production Per 24 Hours	Oil Bbls. <u>25</u> Gas Mcf <u>25</u> Water Bbls.	Gas-Oil Ratio Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled 3635-36'

Production Interval: 3635-36'

Other (Specify) _____



DRILL STEM TEST REPORT

15-051-25075-0000

Mai Oil Operations I

Vine #7

P O Box 33
Russell, KS 67665

27-11s-19w Ellis KS

Job Ticket: 14305

DST#: 1

ATTN: Allen Bangert

Test Start: 2001.02.01 @ 20:30:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: **No Whipstock**
Time Tool Opened: **23:05:22**
Time Test Ended: **01:50:00**

RECEIVED
ft (KB) ANSAS CORPORATION COMMISSION Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**
Unit No: **16**

MAY 08 2001

Interval: **3624.00 ft (KB) To 3636.00 ft (KB) (TVD)**
Total Depth: **3636.00 ft (KB)**
Hole Diameter: **7.78 inches** Hole Condition: **Fair**

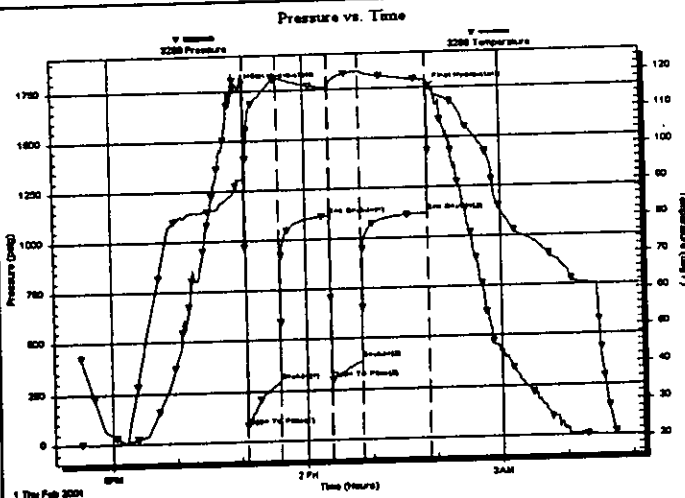
Reference Elevations: **2125.00 ft (KB)**
2120.00 ft (CF)
KB to GR/CF: **5.00 ft**

CONSERVATION DIVISION
WICHITA, KS

Serial #: **3289** Inside
Press@RunDepth: **391.39 psig @ 3625.01 ft (KB)**
Start Date: **2001.02.01** End Date: **2001.02.02**
Start Time: **20:30:54** End Time: **04:45:22**

Capacity: **7000.00 psig**
Last Calib.: **2001.02.02**
Time On Btm: **2001.02.01 @ 23:00:52**
Time Off Btm: **2001.02.02 @ 01:53:52**

TEST COMMENT: **times 30-45-30-60 IFF-w k to str in 4 min**
FFP-w k to str in 20 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
150	1765.66	91.42	Initial Hydro-static
155	71.48	95.23	Open To Flow (1)
185	292.78	119.15	Shut-in(1)
231	1114.48	116.21	End Shut-in(1)
232	296.67	116.42	Open To Flow (2)
260	391.39	120.57	Shut-in(2)
322	1121.23	117.92	End Shut-in(2)
323	1746.20	117.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GP	0.30
330.00	Clean oil	1.62
60.00	GC&W 10% gas 70% oil 20% w ater	0.30
180.00	HO&GC&MW 10% gas 25% oil 60% w ater 5% mud	2.25
300.00	SO&GCW 5% gas 4% oil 91% w ater	4.21

Gas Rates

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

ALLIED CEMENTING CO., INC.

15051-25075-0000

Federal Tax I.C

ORIGINAL

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

SERVICE POINT: R

DATE <u>1/28/01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:00A.M.</u>	JOB START	JOB FINISH <u>10:16.7.01</u>
LEASE <u>Vine</u>	WELL # <u>7</u>	LOCATION <u>Yocemento N to Gun Club</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>4N E I 10</u>			

CONTRACTOR <u>Murfin #8</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>234</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>234</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>10'</u>	
PERFS.	
DISPLACEMENT <u>14 1/4</u>	

CEMENT			
AMOUNT ORDERED	<u>150</u>	<u>6 1/4</u>	<u>3 1/2</u>
			<u>2 1/2</u>
COMMON	<u>90</u>	@	<u>6 35</u>
POZMIX	<u>60</u>	@	<u>3 25</u>
GEL	<u>3</u>	@	<u>9 50</u>
CHLORIDE	<u>5</u>	@	<u>28</u>
		@	
		@	
		@	
		@	
HANDLING <u>FB</u>		@	<u>105</u>
MILEAGE <u>44/SK</u>		@	<u>10 1 1/2</u>
KANSAS CORPORATION COMMISSION:			
			TOTAL <u>1202 00</u>

EQUIPMENT

PUMP TRUCK # <u>153</u>	CEMENTER <u>Paul</u>
	HELPER <u>Jason</u>
BULK TRUCK # <u>282</u>	DRIVER <u>Glen</u>
BULK TRUCK #	DRIVER

MAY 08 2001

REMARKS:

CONSERVATION DIVISION
WICHITA, KS

SERVICE

Cement A/cemented

DEPTH OF JOB		
PUMP TRUCK CHARGE		<u>470 00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>16</u>	@	<u>3 00</u>
PLUG <u>8 5/8 surface</u>	@	<u>45 00</u>
	@	
	@	
TOTAL <u>563 00</u>		

CHARGE TO: mai Oper.

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

15051250750000

ORIGINAL

Federal Tax I.D.#

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

R

2-2-01	SEC. 27	TWP. 11	RANGE 19	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 9:30 AM
CASE <i>Wire</i>	WELL # <i>27</i>	LOCATION <i>Yacamenta Buckeye Rd</i>	COUNTY <i>Ellis</i>	STATE <i>Ks</i>			
OLD OR NEW (Circle one)		<i>5 N 1/2 E</i>					

CONTRACTOR *Murfin Drily Rg 8*
 TYPE OF JOB *on Prod String*
 HOLE SIZE *7 7/8* T.D. *3636*
 CASING SIZE *5 1/2* DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL *port collar* DEPTH *1400*
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT *28*
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER
 CEMENT
 AMOUNT ORDERED *175 ASC 2% gal*
10% salt 3/4 of 1% CD-31
500 gal WFR-2

COMMON	<i>175 ASC</i>	@	<i>8 20</i>	<i>1435 00</i>
POZMIX		@		
GEL	<i>3</i>	@	<i>9 50</i>	<i>28 50</i>
CHLORIDE		@		
<i>Salt</i>	<i>17</i>	@	<i>7 00</i>	<i>119 00</i>
<i>CD-31</i>	<i>123 1/4</i>	@	<i>4 45</i>	<i>547 35</i>
<i>WFR-2</i>	<i>500 gals</i>	@	<i>1 00</i>	<i>500 00</i>
		@		
HANDLING	<i>195</i>	@	<i>1 05</i>	<i>2047 50</i>
RECEIVED	<i>4 1/2 SK</i>	/mile		<i>140 40</i>

EQUIPMENT

177
 PUMP TRUCK CEMENTER *Dave*
 # HELPER *Glen*
 BULK TRUCK
 # DRIVER
 BULK TRUCK
 # *282* DRIVER *Darin*

KANSAS CORPORATION COMMISSION

TOTAL *2975 00*

MAY 08 2001

REMARKS:

plug Rod hole 15 sk
mouse hole 10 sk
Cent 2, 4, 7, 9, 12, 15 49
port collar # 48

CONSERVATION DIVISION
WICHITA, KS

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<i>1080 00</i>
EXTRA FOOTAGE		@		
MILEAGE	<i>18</i>	@	<i>3 00</i>	<i>54 00</i>
PLUG	<i>5 1/2 Rubber</i>	@		<i>50 00</i>
		@		
		@		

TOTAL *1184 00*

CHARGE TO: *Mai Oil Operations Inc*
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

<i>1 Port Collar</i>	@	<i>1750 00</i>
<i>1 AEU Inset</i>	@	<i>235 00</i>
<i>1 Guide Shoe</i>	@	<i>150 00</i>
<i>2 Baskets</i>	@	<i>128 00</i>
<i>7 Centralizing</i>	@	<i>50 00</i>

TOTAL *2741 00*

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

ALLIED CEMENTING CO., INC.

15057 25075 0000

ORIGINAL

Federal Tax I.D.#

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

SERVICE POINT: R

DATE <u>2/20/01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>10 002...</u>	JOB START	JOB FINISH <u>2/25/01</u>
LEASE <u>Vine</u>	WELL# <u>7</u>	LOCATION <u>Section 10 to Green Creek</u>			COUNTY <u>Ellis</u>	STATE <u>K.</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1/2 N E 20</u>			

CONTRACTOR Rapid

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. _____

CASING SIZE 3 1/2 DEPTH _____

TUBING SIZE 2 1/2 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH 1411

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER _____

CEMENT

AMOUNT ORDERED 350 1/2 10 3/4 Gall

1/4 # Flosec

1st 2 1/2 10 3/4 - 2 500'

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Paul

153 HELPER Jason

BULK TRUCK

254 DRIVER Alan

BULK TRUCK

_____ DRIVER _____

KANSAS CORPORATION COMMISSION.

MAY 08 2001

TOTAL _____

REMARKS:

B.P @ 300' Test string to 1000psi.
Spot 2 sand, opened test. C.I.C.
Cement w/ 1100sy. Cice Clean.
Shut in and Dis 155' 1000psi. Washed
Sand off.

CONSERVATION DIVISION SERVICE
WICHITA, KS

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

PLUG _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

CHARGE TO: Mrs D.I. Epec

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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