

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

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  PBTD
- Commingled  Docket No. \_\_\_\_\_
- Dual Completion  Docket No. \_\_\_\_\_
- Other (SWD or Inj?)  Docket No. \_\_\_\_\_

4-6-2001 4-12-2001 4-13-2001  
Spud Date Date Reached TD Completion Date

API NO. 15- 051-25085-0000

County ELLIS

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

1700 Feet from (N) (circle one) Line of Section

1350 Feet from (E) (circle one) Line of Section

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

Lease Name WARREN VINE Well # 1

Field Name SOLOMON

Producing Formation ARBUCKLE

Elevation: Ground 2111 KB 2116

Total Depth 3634' PBTD 3634'

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 1401

feet depth to SURFACE w/ 160 sx cmt.

Drilling Fluid Management Plan ALT II 7/27/01 JB  
(Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume 300 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 7-18-01

Subscribed and sworn to before me this 18 day of July, 2001.

Notary Public Sherril Underwood

Date Commission Expires 10-30-2001

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	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"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

SHERRIL UNDERWOOD  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES \_\_\_\_\_

JUL 19 2001

Form ACO-1 (7-91)

CONSERVATION DIVISION

Operator Name MAI OIL OPERATIONS, INC. Lease Name WARREN VINE Well # 1

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 Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run (Submit Copy.) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No List All E.Logs Run: <p style="margin-left: 40px;">RADIATION-GUARD</p>	<input checked="" type="checkbox"/> Log    Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>ANHYDRITE</td> <td>1407</td> <td>709</td> </tr> <tr> <td>TOPEKA</td> <td>3078</td> <td>-962</td> </tr> <tr> <td>HEEBNER</td> <td>3304</td> <td>-1188</td> </tr> <tr> <td>LANSING</td> <td>3344</td> <td>-1228</td> </tr> <tr> <td>BKC</td> <td>3565</td> <td>-1449</td> </tr> <tr> <td>SIMPSON SH</td> <td>3604</td> <td>-1488</td> </tr> <tr> <td>ARBUCKLE</td> <td>3629</td> <td>-1513</td> </tr> <tr> <td>RTD</td> <td>3634</td> <td>-1518</td> </tr> </tbody> </table>	Name	Top	Datum	ANHYDRITE	1407	709	TOPEKA	3078	-962	HEEBNER	3304	-1188	LANSING	3344	-1228	BKC	3565	-1449	SIMPSON SH	3604	-1488	ARBUCKLE	3629	-1513	RTD	3634	-1518
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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	219	60-40POZ	150	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	15.50	3633	ASC	175	1/8# PS 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 3630'	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 5-13-2001		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil    Bbls. 50	Gas    Mcf	Water    Bbls. 0	Gas-Oil Ratio    Gravity

Disposition of Gas:    **METHOD OF COMPLETION**    Production Interval

Vented     Sold     Used on Lease     Open Hole     Perf.     Dually Comp.     Commingled    3633-34'  
 (If vented, submit ACO-18.)     Other (Specify) \_\_\_\_\_