

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

ORIGINAL

Operator: License # 5259Name: MAI OIL OPERATIONS, INC.Address P.O. BOX 33City/State/Zip RUSSELL, KS. 67665Purchaser: NCRAOperator Contact Person: ALLEN BANGERTPhone (785) 483 2169Contractor: Name: MURFIN DRILLING CO., INC.License: 30606Wellsite Geologist: TODD MORGENSTERN

Designate Type of Completion

☒ New Well ☐ Re-Entry ☐ Workover☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl. Cased, 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. _____4-15-2004 4-21-2004 4-21-2004

Spud Date Date Reached TD Completion Date

API NO. 15- 163-23397-0000County ROCKS110' N & 50' W
NE SE SW Sec. 16 Twp. 10 Rge. 20 X E W1100 Feet from S (circle one) Line of Section2260 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name TOWNS Well # 1Field Name MARCOTTEProducing Formation ARBUCKLEElevation: Ground 2219' KB 2224'Total Depth 3840' PBTD 3804'Amount of Surface Pipe Set and Cemented at 219 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1708'feet depth to SURFACE w/ 250 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 80 bblsDewatering 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. _____

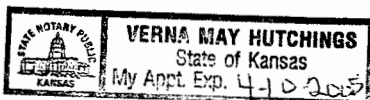
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 _____

Title PROD. SUPT.Date 5-14-2004Subscribed and sworn to before me this 14th day of May, 2004

Notary Public _____

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)		

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.Lease Name TOWNSWell # 1Sec. 16 Twp. 10 Rge. 20☐ East
☒ WestCounty BOOKS

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.)☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

☐ Yes ☒ NoElectric Log Run
(Submit Copy.)☒ Yes ☐ NoList All E.Logs Run: SONIC , DUAL INDUCTION,COMPENSATED NEUTRON-DENSITY☒ Log

Formation (Top), Depth and Datum

☐ Sample

Name	Top	Datum
ANHYDRITE	1692'	528
BASE ANHYDRITE	1734'	484
TOPEKA	3259'	-1035
HEEBNER	3461'	-1237
TORONTO	3480'	-1256
LANSING	3499'	-1275
BKC	3719'	-1495
ARBUCKLE	3764'	-1540

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	219'	COMMON	150	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14	3834'	ASC	125	2% GEL 10% SALT 75% CD-31 17% PS FLOCEL

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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	3775-81'		
TUBING RECORD		Liner Run ☐ Yes ☐ No	
Size	Set At	Packer At	
2 7/8"	3800'		
Date of First, Resumed Production, SWD or Inj.		Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)	
5-19-2004			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.
	25		0
		Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____

3775-81'