

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

Operator: License # 5259Name: MAI OIL OPERATIONS, INC.Address P.O. BOX 33,City/State/Zip RUSSELL, KS. 67665Purchaser: NCRAOperator Contact Person: ALLENBANGERTPhone (913) 483-2169Contractor: Name: RAPID WELL SERVICELicense: 7049

Wellsite Geologist: _____

Designate Type of Completion

☐ New Well ☐ Re-Entry ☒ Workover☐ Oil ☐ SUD ☐ SLOW ☐ Temp. Abd.☐ Gas ☒ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Reentry: Old Well Info as follows:

Operator: MAI OIL OPERATIONS, INC.Well Name: LOUIE "A" #2Comp. Date 6-76 Old Total Depth 3295'☐ Deepening ☐ Re-perf. ☒ Conv. to ☒ SUD☐ Plug Back ☐ PBD☐ Coningled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☒ Other (SUD or ☒ Inj) ☐ Docket No. E-25, 1436-17-97 6-18-97 6-18-97SPUD Date OF START Date Reached TD Completion Date OF
OF WORKOVER WORKOVERAPI NO. 15- 167-20,881County RUSSELL- SE - NE - NW Sec. 34 Twp. 14 Rge. 14 ☒ E4290 Feet from S/N (circle one) Line of Section2970 Feet from E/W (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, ☒ SE, NW or SW (circle one)Lease Name LOUIE "A" # Well # 2Field Name HALL-GURNEY

REPRESSURED

Reservoir Formation LKCElevation: Ground 1805 KB 1810Total Depth 3295 PBTD 3090Amount of Surface Pipe Set and Cemented at 585 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cnt.

Drilling Fluid Management Plan REWORK JK 3-18-98
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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 BangertTitle Prod. Sept. Date 9-22-97Subscribed and sworn to before me this 22nd day of September, 1997.Not Public Verna May HutchingsDate Commission Expires April 10, 2001

K.C.C. OFFICE USE ONLY

F ☐ Letter of Confidentiality AttachedC ☐ Wireline Log ReceivedC ☐ Geologist Report Received

Distribution

☒ KCC
☐ KGS☐ SUD/Rep
☐ Plug☒ NGPA
☐ Other
(Specify)

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.Lease Name LOUIE "A"Well # 2Sec. 34 Twp. 14 Rge. 14☐ EastCounty RUSSELL☒ West

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 ☒ No

Electric Log Run

(Submit Copy.)

☐ Yes ☒ No

List All E.Logs Run:

☐ Log

Formation (Top), Depth and Datums

☐ Sample

Name	Top	Datum
TOPEKA	2684	-874
HEEBNER	2917	-1107
TORONTO	2936	-1126
LKC	2980	-1170
BKC	3215	-1405
QTZ. SAND	3232	-1422

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	585'	COMMON	300	2% GEL. 3% CC
PRODUCTION	7 7/8"	5 1/2"	14	3294'	POZMIX	150	2% GEL. 18% GATM CFR-2 FLOCCULE

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	3233-37		
4	3013-16, 3002-05, 2982-85	1,000 GAL. 15% HCL	
	CIBP @ 3090'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
		2 3/8"	2943	2943				
Date of First, Resumed Production, SMD or Inj.			Producing Method					
10-01-97			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)					
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

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

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

3013'-3016'
3002'-3005'
2982'-2985'