FORM MUST BE TYPED **34-14S-14W** SIDE ONE 15-167-20986

COPY

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

API NO. 15- 167-20,986-0001

County RUSSELL

__ - NW - NW - NW Sec. 34 Twp. 14 Rge. 14 E X W

330 Feet from S (N) (circle one) Line of Section

330 Feet from E (W) (circle one) Line of Section

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

Operator: License # 5259

Name: MAI OIL OPERATIONS, INC.

Address P.O. BOX 33

RUSSELL, KS. 67665

City/State/Zip

Purchaser: KOCH

Operator Contact Person: ALLEN BANGERT

Phone (913) 483-2169

Contractor: Name: DUKE DRILLING

License:

Wellsite Geologist: FRANCIS WHISLER

Designate Type of Completion
__ New Well __ Re-Entry X Workover

__ Oil __ SWD __ SIOW __ Temp. Abd.
__ Gas X ENHR __ SIGW
__ Dry __ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: MAI OIL OPERATIONS, INC.

Well Name: LOUIE "A" #8

Comp. Date 11-17-76 Old Total Depth

__ Deepening __ Re-perf. X Conv. to Inj/SWD
__ Plug Back PBTD
__ Commingled Docket No E-25,743
__ Dual Completion Docket No.
__ Other (SWD or Inj?) Docket No.

2-11-96 Date OF START OF WORKOVER | Date Reached TD | 2-12-96 Completion Date OF WORKOVER

Lease Name LOUIE "A" Well # 8

Field Name HALL-GURNEY

REPRESSURED
~~Producing~~ Formation LKC

Elevation: Ground 1775' KB 1780'

Total Depth 3250' PBTD 3175'

Amount of Surface Pipe Set and Cemented at 560' Feet

Multiple Stage Cementing Collar Used? __ Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan REWORK JH 5-20-96
(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 Bangert

Title Prod. Supt. Date 5-13-96

Subscribed and sworn to before me this 3rd day of May, 19 96.

Notary Public Rita M. Clenney

Date Commission Expires December 17, 1999

RITA M. CLENNEY
Notary Public - State of Kansas
My Appt. Exp. 12-17-99

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)

RECEIVED
STATE CORPORATION COMMISSION
MAY 07 1996

Form ACO-1 (7-91)

108

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC. Lease Name LOUIS "A" Well # 6

Sec. 34 Twp. 14 Rge. 14 ☐ East ☒ West County RUSSELL

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 sh 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: GAMMA RAY-NEUTRON

☐ Log Formation (Top), Depth and Datums ☒ Sample

Name	Top	Datum
ANHYDRITE	766	1014
TOPEKA	2653	-873
HEEBNER	2885	-1105
TORONTO	2904	-1124
LKC	2946	-1166
BKC	3184	-1404
CONGLOMERATE	3194	-1414

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	12¼"	8 5/8"		560'	60-40POZ	285	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14-15#	3249'	50-50POZ	150	3/4% CFR2 1/4PPS FLOCE 2% GEL 10% SALT

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth 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	3200½-3204½'	500 gal. 15% HCL, 3500 gal. 7½%	
4	3201-3204'	HCL gelled w/2000# 20-40 sand	
4	2984-88, 2970-73, 2949-52'	4000 gal. 15% HCL	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	2910'	2910'	☐ Yes ☒ No

Date of First, Resumed Production, SWD or Inj.	Producing Method
N/A	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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 2984'-3204'

☐ Other (Specify)