

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: _____

Operator Contact Person: Allen Bangert

Phone (913) 483-2169

Contractor: Name: Vonfeldt Drilling Company

License: 9431

Wellsite Geologist: David Shumacher

Designate Type of Completion
 New Well Re-Entry Workover

Oil SUD SIOW Temp. Abd.
 Gas ENMR SIGM
 Dry Other (Core, USW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SUD
 Plug Back PSTD
 Cemented Decket No. _____
 Dual Completion Decket No. _____
 Other (SUD or Inj?) Decket No. _____

4/20/93 4/26/93
Spud Date Date Reached TD Completion Date

API NO. 15- 167-23051 **26-14-13W**

County Russell

G - S/2 - S/2 - NW Sec. 26 Twp. 14S Rge. 13 X

2970' Feet from S/W (circle one) Line of Section

3960' Feet from E/W (circle one) Line of Section

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

Lease Name Letsch Well # 17

Field Name Hall-Gurney

Producing Formation _____

Elevation: Ground 1700' KB 1705'

Total Depth 3146' PSTD _____

Amount of Surface Pipe Set and Cemented at 649' Ft

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Ft

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ ex ca

Drilling Fluid Management Plan 6-3-99
(Data must be collected from the Reserve Pit)

Chloride content 35,235 ppm Fluid volume 350 bt

Desulfuring method used Left-mud to dry.

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ Rng. _____ E/W

County _____ Decket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colerac Derby Building, 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 5-17-93

Subscribed and sworn to before me this 17 day of May, 1993.

Notary Public Elizabeth A. Bartlett

Date Commission Expires June 16, 1996

K.C.C. OFFICE USE ONLY	
F	Letter of Confidentiality Attached
C	Wireline Log Received
C	Geologist Report Received
Distribution	
<input checked="" type="checkbox"/> KCC	<input type="checkbox"/> SUD/Rep
<input checked="" type="checkbox"/> KGS	<input type="checkbox"/> SP/MS
	<input type="checkbox"/> NSPA
	<input type="checkbox"/> Other (Specify)
MAY 19 1993	

ELIZABETH A. BARTLETT
Notary Public - State of Kansas
My Appt. Expires 6-16-96

Form ACO-1 (7-91)
CONSERVATION DIVISION
Wichita, Kansas

Operator Name MAI OIL OPERATIONS INC Lease Name IRONGH Well # 17
 Sec. 26 Twp. 74 Rge. 13 East West
 County WYOMING

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 type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Anhydrite	641	1064
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Grand Haven	2203	-490
		Dover Ln	2226	-521
		Rankin Ln	2273	-562
		Topeka	2542	-627
		Washburn	2774	-1069
		LHC	2844	-1139
		BKC	3117	-1412
		Gorham St	3137	-1432
		ATD	3146	-1441

List All E-Logs Run:
 DST#1 2210-75' 45-45-45-45, 1st op. -
 wk. steady, 2nd op. - wk. steady, rec. -
 100' vs 11 GCM w/spots oil, ISIP-117#
 FSIP-109#, IFP-83#-83#, FFP-89#-89#

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> Used							
Report all strings not-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	# Seals Used	Type and Percent Additives
SURFACE	12 1/4	8 5/8	23	6401	60-40PC2	400	2% Cell 20

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Seals 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 Plug Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Depth	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No				
Date of First, Resumed Production, SMD or Inj.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)							
Estimated Production Per 24 Hours	Oil	Obis.	Gas	Wat	Water	Sble.	Gas-Oil Ratio	Gravity

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

METHOD OF COMPLETION: Open Hole Perf. Builly Comp. Cemented Other (Specify) _____

Production Inter: _____

COPY

Mai Operations

P. O. BOX 33
RUSSELL, KANSAS 67665



DST# 2 2853-95' LKC

TIME: 45-45-45-45

1st Op: Good blow

2nd Op: Good blow

Rec: 240' sli OGCM(10% 0)
840' vsli OGCM

ISIP: 782# FSIP: 782#

IFP: 134#-311# FFP: 437#-463#

RECEIVED
MAY 19 1961
RUSSELL, KANSAS

COPY

DATE COMMENCED: April 20, 1993
DATE COMPLETED: April 26, 1993

Mal Oil Operations, Inc.
LETSCH #17
C S/2 S/2 NW
Sec. 26-14S-13W
Russell County, Kansas

ELEVATION: 1700 G.L.
1705 K.B.

0 - 510' Shale, sand, Clay
510 - 641' Shale, Clay
641 - 652' Anhydrite
~~652~~ - 670' Anhydrite
670 - 678' Anhydrite
678 - 775' Red bed, Clay, Shale
775 - 1430' Clay, Shale
1430 - 2165' Lime, Shale
2165 - 2475' Lime, Shale
2475 - 2885' Lime, Shale
2785 - 2875' Shale
2895 - 3146' Shale, Lime
3146' R.T.D.

FORMATIONS

Anhydrite 644'
Base Anhydrite 678'
Gr. Haven 2203'
Dover Lime 2226'
Tarkio 2273'
Elmont Lime 2335'
Topeka 2542'
Heebner 2774'
Toronto 2792'
L.K.C. 2844'
Base K.C. 3117'
Conglomerate 3137'
Arbuckle None
R.T.D. 3146'

Surface Pipe: Set Used 28#
8 5/8" casing at 649' with
400 sacks 60/40 poz., 2% gel,
3% cc.

A F F I D A V I T

STATE OF KANSAS
COUNTY OF RUSSELL) ss

Roy Vonfeldt of lawful age, does swear and state that the facts
and statements herein are true and correct to the best of his knowledge.

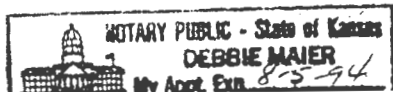
Roy Vonfeldt
Roy Vonfeldt

Subscribed and sworn to before me this 27th day of April, 1992

My Comm. Expires:

August 5, 1994

Debbie Maier
Debbie Maier, Notary Public



RECEIVED
MAY 19 1992
Notary Public
Russell County, Kansas