

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

COPY

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 CO., INC.

License: 30606

Wellsite 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., Cathodic, etc)

If Workovers:

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. _____

8-15-2002 8-22-2002 8-22-2002
Spud Date Date Reached TD Completion Date

API No. 15- 051-251540000

County ELLIS

SW - NW - NW Sec. 5 Twp. 11 Rge. 20 X W

830 Feet from S/N (circle one) Line of Section

125 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 RICHARDS-FISCHER Well # 1-5

Field Name MENDOTA

Producing Formation ARBUCKLE

Elevation: Ground 2083' KB 2088'

Total Depth 3760' PBTD 3690'

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 1550'

feet depth to SURFACE w/ 250 ex cmt.

Drilling Fluid Management Plan Allen 1-16-03
(Data must be collected from the Reserve Pit)

Chloride content 7000 ppm Fluid volume 80 bbls

Dewatering method used HAULED OFFSITE

Location of fluid disposal if hauled offsite:

Operator Name MAI OIL OPERATIONS, INC.

Lease Name RICHARDS License No. 5259

NE Quarter Sec. 6 Twp. 11 S Rng. 20 X W

County ELLIS Docket No. D-26,924

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 1-10-2003

Subscribed and sworn to before me this 10th day of January, 2003

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2005

K.C.C. OFFICE USE ONLY		
F	<u>No</u>	Letter of Confidentiality Attached
C	<u>Yes</u>	Wireline Log Received
C	<u>Yes</u>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/>
<input type="checkbox"/>	KGS	<input type="checkbox"/>
<input type="checkbox"/>	SWD/Rep	<input type="checkbox"/>
<input type="checkbox"/>	Plug	<input type="checkbox"/>
<input type="checkbox"/>	NGPA	<input type="checkbox"/>
<input type="checkbox"/>	Other	(Specify)

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.

Lease Name CHARLES FISCHER Well # 1-5

Sec. 5 Twp. 11 Rge. 20
 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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Name	Formation (Top), Depth and Datum	
	Top	Datum
ANHYDRITE	1535'	-553
BASE ANHYDRITE	1582'	506
TOPEKA	3127'	-1039
HEEBNER	3335'	-1247
TORONTO	3353'	-1265
LANSING	3371'	-1283
BASE KANSAS CITY	3589'	-1501
MARMATON	3616'	-1528
SIMPSON SHALE	3655'	-1567
ARBUCKLE	3677'	-1589

List All E.Logs Run: DUAL-INDUCTION, COMPENSATED NEUTRON-DENSITY, BOND LOG

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"	23#	219'	60-40POZ	160	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3751'	ASC	150	

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	3693-96', 3683-87', 3677-80'	SQZ W/100 SKS	60-40POZ
3	3563-69', 3546-50', 3528-31'	SQZ W/250 SKS	60-40POZ	
	3453-57'			
4	3678-82'	500 GALS	15% HCL	

TUBING RECORD Size 2 7/8" Set At 3687' Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. 1-7-2003 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours Oil 20 Bbls. Gas Mcf Water 10 Bbls. Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3678-82'
 (If vented, submit ACO-18.) Other (Specify) _____