

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

API NO. 15- 051-25,046-0000

County ELLIS

C - S/2-SW-NE Sec. 6 Twp. 11 Rge. 20 X ^E _W

2550 Feet from S/N (circle one) Line of Section
1940 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 Well # 8

Field Name MENDOTA

Producing Formation ARBUCKLE

Elevation: Ground 2040 KB 2045

Total Depth 3720 PBD 3670'

Amount of Surface Pipe Set and Cemented at 275' Feet

Multiple Stage Cementing Collar Used? XX Yes No

If yes, show depth set 1471 Feet

If Alternate II completion, cement circulated from 1471'

feet depth to SURFACE w/ 200 sx cmt.

Drilling Fluid Management Plan ALT 2 89 01/09/03
(Data must be collected from the Reserve Pit)

Chloride content 6000 ppm Fluid volume 500 bbls

Dewatering method used ALLOW TO DRY AND BACKFILL
AFTER HAULING FREE FLUID TO DISPOSAL
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 E

County ELLIS Docket No. D-26,984

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: VONFELDT DRILLING

License: 9431

Wellsite Geologist: TODD MORGENSTERN

Designate Type of Completion
 New Well Re-Entry Workover

Oil SMD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, USW, Expl. Cathodic Etc.)

If Workover/Reentry: Old Well Info as follows:

Operator: MAY 08 2001

Well Name: _____

Comp. Date _____ Old Total _____
WICHITA, KS

Deepening Re-perf. Conv. to Inj/SMD
 Plug Back PBD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SMD or Inj?) Docket No. _____

1-22-2001 1-29-2001 2-15-2001
Spud Date Date Reached TD Completion Date

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 5-2-2001

Subscribed and sworn to before me this 7th day of May,
2001.

Notary Public Verna May Hutchings
Date Commission Expires April 10, 2005

K.C.C. OFFICE USE ONLY
Letter of Confidentiality Attached
F
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SMD/Rep NGPA
 KGS Plug Other
(Specify)

VERNA MAY HUTCHINGS
State of Kansas
Notary Appt. Exp. 4-10-2005

Operator Name MAI OIL OPERATIONS, INC. Lease Name RICHARDS Well # 8

Sec. 6 Twp. 11 Rge. 20 East County ELLIS 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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.) Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.) List All E.Logs Run: <u>COMPENSATED NEUTRON DENSITY, DUAL INDUCTION, SONIC</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datums <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr><td>ANHY</td><td>1500</td><td>545</td></tr> <tr><td>BASE ANHY</td><td>1546</td><td>499</td></tr> <tr><td>TOPEKA</td><td>3077</td><td>-1032</td></tr> <tr><td>HEEBNER</td><td>3282</td><td>-1236</td></tr> <tr><td>TORONTO</td><td>3300</td><td>-1255</td></tr> <tr><td>LANSING</td><td>3318</td><td>-1273</td></tr> <tr><td>BKC</td><td>3542</td><td>-1497</td></tr> <tr><td>ARBUCKLE</td><td>3628</td><td>-1583</td></tr> </tbody> </table>	Name	Top	Datum	ANHY	1500	545	BASE ANHY	1546	499	TOPEKA	3077	-1032	HEEBNER	3282	-1236	TORONTO	3300	-1255	LANSING	3318	-1273	BKC	3542	-1497	ARBUCKLE	3628	-1583
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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#	275'	60-40POZ	165	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3717'	ASC	175	

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	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
4	3644-49'	500 GAL 15% HCL

TUBING RECORD	Size <u>27/8"</u> Set At <u>3665'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj. <u>2-24-2001</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. <u>50</u>	Gas Mcf <u>60</u>	Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled 3644-49

(If vented, submit ACO-18.) Other (Specify) _____

ALLIED CEMENTING CO., INC.

Federal Tax ID

ORIGINAL

SERVICE POINT: R

TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>1/22/01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>7:30 P.M.</u>	JOB START	JOB FINISH <u>12:15 A.M.</u>
LEASE <u>Richards</u> WELL # <u>8</u>		LOCATION <u>Ellis N to Riverview Rd.</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)		<u>2 1/2 in 1 1/2 in 1/2 E 1/2 N</u>					

CONTRACTOR Vonfeldt

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 277

CASING SIZE 8 5/8 DEPTH 275

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 16 3/4 bbl

EQUIPMENT

OWNER

CEMENT

AMOUNT ORDERED 1105 100% 110 3570 CC
2 1/2 bbl

COMMON	<u>99</u>	@	<u>6.35</u>	<u>628.65</u>
POZMIX	<u>666</u>	@	<u>3.25</u>	<u>214.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>5</u>	@	<u>28.00</u>	<u>140.00</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>173</u>	@	<u>1.05</u>	<u>181.65</u>
MILEAGE	<u>.04/sk/mi.</u>			<u>221.44</u>

RECEIVED

KANSAS CORPORATION COMMISSION

PUMP TRUCK CEMENTER Paul

153 HELPER Jason

BULK TRUCK

282 DRIVER Shane

BULK TRUCK

DRIVER

TOTAL 1,414.74

MAY 08 2001

REMARKS:

CONSERVATION DIVISION
WICHITA, KS

SERVICE

Cement Circulated!

DEPTH OF JOB

PUMP TRUCK CHARGE 470.00

EXTRA FOOTAGE @

MILEAGE 32 @ 3.00 96.00

PLUG 8 5/8 wooden @ 45.00 45.00

@

@

TOTAL 611.00

CHARGE TO: Main Oil Operation

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

@

@

@

@

@

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment
and furnish cementer and helper to assist owner or

TOTAL

ALLIED CEMENTING CO., INC.

Federal Tax I.D.

ORIGINAL
SERVICE POINT: R

TO P.O. BOX 31
RUSSELL, KANSAS 67665

DATE <u>1-30-01</u>	SEC. <u>6</u>	TWP <u>11</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:00 AM</u>
LEASE <u>Richard</u>	WELL # <u>8</u>	LOCATION <u>Ellis 6N 2W 6N 3/4 E</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1/4 N</u>			

CONTRACTOR Vonfeldt Drilg

TYPE OF JOB production string

HOLE SIZE 7 7/8" D. 3220

CASING SIZE 5L DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL port collar DEPTH 1473

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 175 ASC 2 1/2 gal

10% salt 3/4 of 1% CFR-2

500 gal WFR-2

COMMON	<u>175 ASC</u>	@	<u>8 20</u>	<u>1435 00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>9 50</u>	<u>28 50</u>
CHLORIDE		@		
Salt	<u>17</u>	@	<u>7 00</u>	<u>119 00</u>
CD-31	<u>123 #</u>	@	<u>4 45</u>	<u>547 35</u>
WFR-2	<u>500 gals</u>	@	<u>1 00</u>	<u>500 00</u>
		@		
HANDLING	<u>195</u>	@	<u>1 05</u>	<u>204 75</u>
MILEAGE RECEIVED	<u>44 SK / mile</u>	@		<u>241 80</u>

EQUIPMENT

177 Dave

PUMP TRUCK CEMENTER Mark

HELPER

BULK TRUCK

DRIVER

BULK TRUCK

282 DRIVER Shane

KANSAS CORPORATION COMMISSION

MAY 08 2001

TOTAL 3076 40

REMARKS:

plug Rathole w/ 15 sk mouse hole

10 sk

Float Head

CONSERVATION DIVISION SERVICE
WICHITA, KS

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1080 00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>31</u>	@	<u>3 00</u>
PLUG	<u>5 1/2 Rubber</u>	@	<u>50 00</u>
		@	
		@	
TOTAL			<u>1223 00</u>

CHARGE TO: Mai' Oil Operations

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

<u>1 Guide Shoe</u>	@	<u>150 00</u>
<u>1 AFU Insert</u>	@	<u>235 00</u>
<u>1 Basket</u>	@	<u>128 00</u>
<u>7 Centralizers</u>	@	<u>50 00</u>
	@	

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was

TOTAL 863 00

ALLIED CEMENTING CO., INC.

Federal Tax I.D. #

ORIGINAL

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

B

DATE <u>2-7-01</u>	SEC. <u>6</u>	TWP. <u>4</u>	RANGE <u>20</u>	CALLED OUT	ON LOCATION <u>8:30am</u>	JOB START	JOB FINISH <u>12:00pm</u>
LEASE <u>Richard</u>		WELL # <u>8</u>		LOCATION <u>Ellis n to Co line 3w</u>		COUNTY <u>Ellis</u>	STATE <u>Ks</u>
OLD OR <u>NEW</u> (Circle one)				<u>is 3/4 E</u>			

CONTRACTOR Rapid Well Service

TYPE OF JOB Port Collar

HOLE SIZE _____ T.D. _____

CASING SIZE 5 1/2 DEPTH _____

TUBING SIZE 2 1/2 DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT _____

OWNER Same

CEMENT AMOUNT ORDERED 350 20/40 60 gel
1/4 lb flo seal

COMMON	<u>220</u>	@	<u>6.35</u>	<u>762.00</u>
POZMIX	<u>80</u>	@	<u>3.25</u>	<u>260.00</u>
GEL	<u>10</u>	@	<u>9.50</u>	<u>95.00</u>
CHLORIDE		@		
<u>Flo Seal</u>	<u>50 #</u>	@	<u>1.40</u>	<u>70.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>368</u>	@	<u>1.05</u>	<u>386.40</u>
MILEAGE	<u>44.5</u>	@	<u>10.6</u>	<u>471.00</u>

EQUIPMENT

PUMP TRUCK # 177 CEMENTER Mark HELPER Dave

BULK TRUCK # 291 DRIVER Travis

BULK TRUCK # _____ DRIVER _____

KANSAS CORPORATION COMMISSION

TOTAL 2044.40

MAY 08 2001

REMARKS:

Pressured csg to 1000' - opened tool
Mixed 200 # Circ cement
closed tool - Ran 5 ft's washed
clean

Thanks

CONSERVATION DIVISION
WICHITA, KS

SERVICE

DEPTH OF JOB				
PUMP TRUCK CHARGE				<u>580.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>32</u>	@	<u>3.00</u>	<u>96.00</u>
PLUG		@		
		@		
		@		

TOTAL 676.00

CHARGE TO: mai

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

	@		
	@		
	@		
	@		
	@		

TOTAL _____

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment
and furnish cementer and helper to assist owner or