

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: NCRA
Operator Contact Person: ALLEN BANGERT
Phone (785) 483 2169
Contractor: Name: MURFIN DRILLING
License: 30606
Wellsite Geologist: DAVE SHUMAKER

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD S1OW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: _____
Well Name: _____
Comp. Date _____ Old Total Depth _____
 Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBSD EH
 Commingled Docket No. 30 8014
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

6-18-2001 6-23-2001 6-24-2001
Spud Date Date Reached TD Completion Date

API NO. 15- 051-250840000
County ELLIS
Sec. 6 Twp. 11 Rge. 20 X ^E
2300 Feet from S/N (circle one) Line of Section
3400 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 # _____
Field Name MENDOTA
Producing Formation ARBUCKLE, LKC
Elevation: Ground 2066 KB 2071
Total Depth 3746' PBDT 3715'
Amount of Surface Pipe Set and Cemented at 220 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1487'
feet depth to SURFACE w/ 260 sx cmt.
Drilling Fluid Management Plan Asst 7/27/01 AB
(Data must be collected from the Reserve Pit)

Chloride content 8000 ppm Fluid volume 160 bbls
Dewatering method used HAULED TO DISPOSAL
Location of fluid disposal if hauled offsite: _____

Operator Name MAI OIL OPERATIONS, INC.
Lease Name RICHARDS License No. 5259
NE 1/4 Quarter Sec. 6 Twp. 11 S Rng. 20 (E/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 7-18-01
Subscribed and sworn to before me this 18 day of July, 192001.
Notary Public Sherril Underwood
Date Commission Expires 10-30-2004

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/> KCC	<input type="checkbox"/> SWD/Rep	<input type="checkbox"/> NGPA
<input type="checkbox"/> KGS	<input type="checkbox"/> Plug	<input type="checkbox"/> Other (Specify)

SHERRIL UNDERWOOD
NOTARY PUBLIC
STATE OF KANSAS
MY APPT EXPIRES

JUL 19 2001
July 19, 2001
CONSERVATION DIVISION

Operator Name MAI OIL OPERATIONS, INC. Lease Name RICHARDS Well # 11

Sec. 6 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.)

List All E.Logs Run:
 COMPENSATED NEUTRON*DENSIY
 DUAL INDUCTION

Name	Top	Datum
ANHYDRITE	1524	547
TOPEKA	3102	-1031
HEEBNER	3306	-1235
TORONTO	3326	-1255
LANSING	3344	-1273
BKC	3566	-1495
ARBUCKLE	3649	-1578
RTD	3746	-1675

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"	20	220	60-40POZ	160	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14	3743'	ASC		1/8#PS FLOCELE

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	3687-90', 3666-72', 3658-62'	500 GAL 15% HCL
3	3526-30', 3481-85'	500 GAL 15% HCL & 3000 GAL 20% CRA

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
		2 7/8"	3709'		
Date of First, Resumed Production, SWD or Inj.			Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
7-12-2001					
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	50		50		

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

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled

Production Interval 3687-90, 3666-72, 3658-62, 3526-30, 3481-85

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# XXXXXXXXXX

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-051-25084-00-00

SERVICE POINT: R

DATE <u>6-25-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>12:15pm</u>	JOB FINISH <u>1:00pm</u>
LEASE <u>Richard</u> WELL # <u>11</u>			LOCATION <u>Ellis n to G line 2W</u>		COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			1/25 Eub				

CONTRACTOR Murphy #8

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3746

CASING SIZE 5 1/2 DEPTH 3748

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 25'

CEMENT LEFT IN CSG. 25'

PERFS.

DISPLACEMENT 90 1/2

OWNER

CEMENT

AMOUNT ORDERED 185 ASC 10% salt
22 gal 1/4 lb flo seal
500 gal water

COMMON	@		
POZMIX	@		
GEL	@	<u>3</u>	<u>30.00</u>
CHLORIDE	@		
ASC	@	<u>185</u>	<u>8.50</u>
WFO-2	@	<u>500 gals</u>	<u>1.00</u>
Flo seal	@	<u>46</u>	<u>1.40</u>
	@		
	@		
HANDLING	@	<u>197</u>	<u>1.10</u>
MILEAGE	@	<u>44/SK</u>	<u>1.00</u>
			<u>252.40</u>
TOTAL			<u>2635.76</u>

EQUIPMENT

PUMP TRUCK CEMENTER Mark

345 HELPER Bill

BULK TRUCK

160 DRIVER Alan

BULK TRUCK

DRIVER

REMARKS:

Cent 105, 102, 99, 97, 94, 92, 89, 86

Port collar 37 - 1491' ✓

15 si c Rathole

float held

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE 1130.00

EXTRA FOOTAGE @

MILEAGE 32 @ 3.00 96.00

PLUG 5 1/2 TRP @ 50.00

RESOLVED

KANSAS CORPORATE CERTIFICATION

TOTAL 1276.00

JUL 19 2001
07/19/2001

CHARGE TO: Main Oil Oper

STREET

CITY STATE ZIP

CONSERVATION DIVISION

5 1/2

G-Shoe @ 150.00

Diment @ 235.00

8-Cent @ 50.00 400.00

Port collar @ 150.00

Bucket @ 128.00

TOTAL 2663.00

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

ALLIED CEMENTING CO., INC.

Federal Tax I.D.# XXXXXXXXXX

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

15-051-25084-00-00

SERVICE POINT: R

DATE <u>6-29-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>8:45 am</u>	JOB FINISH <u>9:15 am</u>
LEASE <u>Richard</u>	WELL # <u>11</u>	LOCATION <u>Ellis N to Collins</u>			COUNTY <u>Ellis</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD <input type="radio"/> NEW (Circle one)		<u>ZW 1ks Eric</u>					

CONTRACTOR Express well
 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 ALTES DEPTH 1487
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER _____
 CEMENT AMOUNT ORDERED 350 @ 10/40 @ 69¢
used 260
14 lb. flo seal

COMMON	<u>156</u>	@	<u>6.65</u>	<u>1037.40</u>
POZMIX	<u>104</u>	@	<u>3.55</u>	<u>369.20</u>
GEL	<u>13</u>	@	<u>10.00</u>	<u>130.00</u>
CHLORIDE		@		
FLOSEAL	<u>65</u>	@	<u>14.00</u>	<u>910.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>368</u>	@	<u>1.10</u>	<u>404.80</u>
MILEAGE	<u>44/SY</u>	@	<u>1.00</u>	<u>440.00</u>
TOTAL				<u>2474.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Maik
 # 345 HELPER Steve
 BULK TRUCK DRIVER Shame
 # 284
 BULK TRUCK DRIVER _____
 # _____

REMARKS:

Started Cas to 1000'
Opened tool chic cement - closed
tool - Ran 10 gts washed clean
Thanks

SERVICE

DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 630.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 30 @ 3.00 90.00
 PLUG _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL 720.00

RECEIVED
 KANSAS CORPORATION COMMISSION
 07/19/2001
 JUL 19 2001

CHARGE TO: Mai oil operations
 STREET _____
 CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT
 CONSERVATION DIVISION

 @ _____
 @ _____
 @ _____
 @ _____
 @ _____

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

TOTAL _____