

ORIGINAL

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

API NO. 15-051-250960000

County ELLIS

SW - SW-SE - NE Sec. 6 Twp. 11 Rge. 20 <sup>E</sup>X<sub>W</sub>

2670 Feet from <sup>N</sup>(circle one) Line of Section

1440 Feet from <sup>E</sup>(circle one) Line of Section

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

Lease Name RICHARDS Well # 12

Field Name MENDOTA

Producing Formation ARBUCKDE

Elevation: Ground 2037' KB 2042'

Total Depth 3715' PBDT 3685'

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1461

feet depth to SURFACE w/ 300 sx cmt.

Drilling Fluid Management Plan ALT II RGR 7/25/07  
(Data must be collected from the Reserve Pit)

Chloride content 20,000 ppm Fluid volume 160 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 <sup>E</sup>X<sub>W</sub>

County ELLIS Docket No. D-26924

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: 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 Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SWD

Plug Back  PBDT

Commingled  Docket No. \_\_\_\_\_

Dual Completion  Docket No. \_\_\_\_\_

Other (SWD or Inj?)  Docket No. \_\_\_\_\_

7-10-2001 7-16-2001 7-16-2001  
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 10-30-2001

Subscribed and sworn to before me this 5th day of November, 2001.

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2005

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)

Form ACO-1 (7-91)

RECEIVED  
NOV 07 2001  
KCC WICHITA



Operator Name MAT OIL OPERATIONS, INC. Lease Name RICHARDS Well # 12

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 DENSITY  
DUAL INDUCTION

Log Formation (Top), Depth and Datums  Sample

Name	Top	Datum
ANHYDRITE	1490	552
TOPEKA	3075	-1033
HEEBNER	3281	-1239
TORONTO	3300	-1258
LANSING	3317	-1275
BKC	3539	-1497
MARMATON	3566	-1524
SIMPSON SHALE	3616	-1574
ARBUCKLE	3634	-1592

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	12 1/8"	8 5/8"	20#	220'	60-40 POZ	160	2% GEL 3% CC
PRODUCTION	7 7/8"	5 1/2"	14#	3713'	ASC	175	2% GEL 1/8PPS 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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
4	3644-50'	500 GAL 15% HCL FE
4	3656-59'	500 GAL 15% HCL FE

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8"	3680'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
8-7-2001				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	33		67	

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

METHOD OF COMPLETION:  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval: 3644-50'  
3656-59'



# ALLIED CEMENTING CO., INC.

ORIGINAL

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

SERVICE POINT: 3

DATE <u>7-16-01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:30 pm</u>
LEASE <u>Richard</u>	WELL # <u>12</u>	LOCATION <u>Ellis N TO Co Rd</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>		<u>3w 15 Eub</u>					

CONTRACTOR Mufi 8

TYPE OF JOB Prodr. String

HOLE SIZE 7 7/8 T.D. 3715

CASING SIZE 5 1/2 DEPTH 3713

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 28'

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 90 bbl'

OWNER

CEMENT

AMOUNT ORDERED 150 ASC 109 S-GH  
29 gal 1/8" Plaster/sh  
3/4 of 70 CFR-2 500 gal WFR-2

COMMON	<u>140</u>	@	<u>8.50</u>	<u>1190.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE		@		
Floerol	<u>24 #</u>	@	<u>1.40</u>	<u>33.60</u>
Salt	<u>17</u>	@	<u>7.00</u>	<u>119.00</u>
CFR-2	<u>132 #</u>	@	<u>5.50</u>	<u>731.50</u>
WFR-2	<u>500 gals</u>	@	<u>1.00</u>	<u>500.00</u>
HANDLING	<u>210</u>	@	<u>1.40</u>	<u>294.00</u>
MILEAGE	<u>44/sk</u>	@		<u>252.00</u>

EQUIPMENT

PUMP TRUCK CEMENTER Wagler

# 345 HELPER Steve

BULK TRUCK DRIVER Galen

# 213

BULK TRUCK DRIVER

#

RECEIVED

TOTAL 3512.00

NOV 07 2001

KCC WICHITA SERVICE

REMARKS:

Box @ Rollhole

~~Rollhole~~

float did not level

DEPTH OF JOB

PUMP TRUCK CHARGE 1130.00

EXTRA FOOTAGE @

MILEAGE 30 @ 3.00 90.00

PLUG 5 1/2 @ 60.00

TOTAL 1280.00

CHARGE TO: Main

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

<u>5 1/2</u>			
<u>G-Shoe</u>	@	<u>150.00</u>	
<u>Shoe</u>	@	<u>235.00</u>	
<u>8-Cent</u>	@	<u>50.00</u>	<u>400.00</u>
<u>1-Basket</u>	@		<u>128.00</u>
<u>Port Collar</u>	@		<u>1750.00</u>

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

# ALLIED CEMENTING CO., INC.

ORIGINAL

P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: R

<u>7/10/01</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>8:00 p.m.</u>	JOB START	JOB FINISH <u>10:00 p.m.</u>
WELL # <u>12</u>	LOCATION <u>Ellis N to Coline W 15</u>			COUNTY <u>ELLIS</u>	STATE <u>Ks.</u>		
OLD OR NEW (Circle one) <u>NEW</u>			<u>1/2 E 1/2 S E 5 T 10</u>				

CONTRACTOR Marfin #8

TYPE OF JOB Surface

HOLE SIZE 2 1/4 T.D. 220'

CASING SIZE 8 5/8 DEPTH 220'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL<sup>m</sup> DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10'

PERFS.

DISPLACEMENT 13 1/4

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 1100 60/40 3% U  
2070 Gal

COMMON	<u>96</u>	@	<u>665</u>	<u>63840</u>
POZMIX	<u>64</u>	@	<u>355</u>	<u>22720</u>
GEL	<u>3</u>	@	<u>1000</u>	<u>3000</u>
CHLORIDE	<u>5</u>	@	<u>3000</u>	<u>15000</u>

EQUIPMENT

PUMP TRUCK CEMENTER Paul

# 153 HELPER Glen

BULK TRUCK

# 213 DRIVER Shane

BULK TRUCK

# DRIVER

HANDLING	<u>168</u>	@	<u>110</u>	<u>18480</u>
MILEAGE	<u>44 SK</u>	@	<u>1 mile</u>	<u>20832</u>

RECEIVED

TOTAL 143872

NOV 07 2001

SERVICE

KCC WICHITA

REMARKS:

DEPTH OF JOB	_____		
PUMP TRUCK CHARGE	<u>52000</u>		
EXTRA FOOTAGE	@	_____	
MILEAGE	<u>31</u>	@	<u>300</u>
PLUG	<u>898</u>	@	<u>4500</u>

TOTAL 65800

CHARGE TO: Main Oil Oper.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____

TOTAL \_\_\_\_\_

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You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or