

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

API NO. 15- 051-250450000

County Ellis

60' W & 140' S
- SW - SE - NW Sec. 6 Twp. 11S Rge. 20 X E W

2830 Feet from (S) N (circle one) Line of Section

3690 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 # 7

Field Name Mendoat

Producing Formation

Elevation: Ground 2066 KB 2071

Total Depth 3696 PBDT

Amount of Surface Pipe Set and Cemented at 260 K.B. Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set Feet

If Alternate II completion, cement circulated from

feet depth to w/ sx cmt.

Drilling Fluid Management Plan PIA RPR 7/6/07
(Data must be collected from the Reserve Pit)

Chloride content 36,000 ppm Fluid volume 350 bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

County Docket No.

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 (785) 483-2169

Contractor: Name: Vonfeldt Drilling, Inc.

License: 9431

Wellsite Geologist: Dave Shumaker

Designate Type of Completion
X New Well Re-Entry Workover

Oil SWD S10W Temp. Abd.
Gas ENHR SIGW
X 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.

7-14-00 7-22-00 7-22-00
Spud Date Date Reached TD Completion Date

RECEIVED
STATE CORPORATION COMMISSION
WICHITA, KANSAS
SEP 14 2000

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 9-12-00

Subscribed and sworn to before me this 12th day of September, 2000

Notary Public Verna May Hutchings

Date Commission Expires April 10, 2001

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)

VERNA MAY HUTCHINGS
State of Kansas
My Appt. Exp. 4/10/2001

10190

SIDE TWO

Operator Name MAT OIL OPERATIONS, INC.

Lease Name RICHARDS

Well # 7

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:
SONIC LOG

Name	Top	Datum
ANHYDRITE	1523	548
BASE ANHYDRITE	1564	506
TOPEKA	3101	-1030
HEEBNER	3304	-1233
TORONTO	3326	-1255
LANSING *KANSAS CITY	3343	-1272
BASE-KANSAS CITY	3568	-1497
CONGLOMERATE	3598	-1527
SIMPSON	3676	-1605
ARBUCKLE	3690	-1619

CASING RECORD <input type="checkbox"/> New <input 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"	24#	260	60-40	185	2% GEL 3% CC

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	

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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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: _____

DRILL STEM TESTSRECEIVED
STATE CORPORATIO

SEP 14

CONSERVATION D.
Wichita, Kansas

Drill Stem Test No. 1 3119-3140 Topeka

Time Interval: 45-45-45-45

Blow: First Open - 3" steady blow

Second Open - No blow

Recovery: 45 feet of mud with a show of oil on top
45 feet of total fluidPressures: IHMP: 1507# IFP: 47# - 47#
ISIP: 839# FFP: 71# - 71#
FSIP: 745# BHT: 98 F
FHMP: 1472#

(Plugging both flows-after slide)

Mud Properties: Viscosity: 55 Weight: 9.0 Water loss: 8.8

Drill Stem Test No. 2 3412-3450 LKC

Time Interval: 30-30-30-30

Blow: First Open - bottom of bucket in 14 min.

Second Open - bottom of bucket in 15 min.,

Recovery : 293 feet of gas in pipe
1189 feet of heavy oil cut mud (40% O, 60% M)
72 feet of muddy water (80% W, 20% M)
261 feet of total fluidPressures: IHMP: 1682# IFP: 82# -94#
ISIP: 910# FFP: 154# - 154#
FSIP: 886# BHT: 118 F
FHMP: 1647#

Mud Properties: Viscosity: 48 Weight: 9.2 Water loss: 8.0

Drill Stem Test No. 3 3494-3530 LKC

Time Interval: 30-30-10

Blow: First Open - weak blow died in 25 min.

Second Open- no blow

Recovery: 10 feet of mud with a show of free oil on top
10 feet of total fluidPressures: IHMP: 1752# IFP: 23# -23#
ISIP: 47# FFP: 23# -23#
FSIP: N.A. BHT: 116 F
FHMP: 1729#

Mud Properties: Viscosity: 48 Weight: 9.2 Water loss: 8.0

DRILLERS WELL LOG

Date Commenced: July 14, 2000
Date Completed: July 22, 2000

Mai Oil Operations, Inc.
Richards #7
SW SE NW Sec. 6-11S-20W
Ellis County, Kansas

Elevation: 2066' G.L.
2071' K.B.

0 - 262' Native
262 - 1026' Shale
1026 - 1519' Shale & Lime
1519 - 1565' Anhydrite
1565 - 1927' Sand & Shale
1927 - 2260' Shale & Lime
2260 - 2930' Lime & Shale
2930 - 3045' Shale & Lime
3045 - 3696' Lime & Shale
3696' R.T.D

FORMATION DATA

Anhydrite 1519'
Base Anhydrite 1565'

Surface Pipe: Set 20#, used, 8 5/8"
casing @ 260' K.B. with 185 sacks
60/40 Poz., 2% Gel., 3% CC.

RECEIVED
STATE CORPORATION COMMISSION

SEP 14 2000

CONSERVATION DIVISION
Wichita, Kansas

AFFIDAVIT

STATE OF KANSAS)
)
) ss:
COUNTY OF RUSSELL)

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

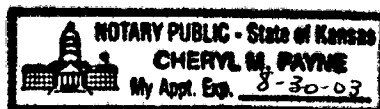
Alan Vonfeldt
Alan Vonfeldt

Subscribed and sworn to before me this 23rd day of July, 2000.

My Commission Expires:

August 30, 2003

Cheryl M. Payne
Cheryl M. Payne, Notary Public



ALLIED CEMENTING CO., INC. 4944

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

ORIGINAL

SERVICE POINT:

R

DATE <u>7-14-60</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>8:45pm</u>	JOB START <u>10:45pm</u>	JOB FINISH <u>11:00pm</u>
LEASE	WELL #	LOCATION <u>Ellis No 6 Oil</u>			COUNTY <u>Ellis</u>	STATE <u>Ks.</u>	
OLD OR NEW (Circle one)				<u>NEW</u>			

CONTRACTOR <u>Vanfelt Inc</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4"</u>	T.D. <u>212</u>
CASING SIZE <u>8 7/8"</u>	DEPTH <u>260 ft</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>10.15</u>	
PERFS.	
DISPLACEMENT <u>16 bbl</u>	
EQUIPMENT	
PUMP TRUCK # <u>345</u>	CEMENTER <u>Mark</u>
	HELPER <u>Jason</u>
BULK TRUCK # <u>160</u>	DRIVER
BULK TRUCK #	DRIVER
	TOTAL

REMARKS:	SERVICE
<u>Cement Circ</u>	DEPTH OF JOB
<u>Shank</u>	PUMP TRUCK CHARGE
	EXTRA FOOTAGE @
	MILEAGE @
	PLUG <u>8 7/8 wooden</u> @
	@
	@
	TOTAL

CHARGE TO: <u>Wagon Oil</u>	FLOAT EQUIPMENT
STREET	@
CITY STATE ZIP	@
	@
	@
	@
	TOTAL

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 done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE <u>Davidson</u>	TAX
	TOTAL CHARGE
	DISCOUNT IF PAID IN 30 DAYS
	PRINTED NAME

ALLIED CEMENTING CO., INC. 4918 ORIGINAL

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

SERVICE POINT: R

DATE <u>7-22-00</u>	SEC. <u>6</u>	TWP <u>11^s</u>	RANGE <u>20^w</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30am</u>	JOB FINISH <u>2:00pm</u>
LEASE <u>Richard</u> WELL # <u>7</u>		LOCATION <u>Ellis 10N 2W 1N 1W</u>			COUNTY <u>Ellis</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>IN 1/2 E 1/2 N</u>			

CONTRACTOR Vanfaldt D'g

TYPE OF JOB plug to abandon

HOLE SIZE 7 7/8 T.D. 3696

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG _____

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 2 1/5 bbl @ 6% gel

1/4 lb Fluorocel per bbl

EQUIPMENT

PUMP TRUCK # 345 CEMENTER Dave

_____ HELPER Mark

BULK TRUCK # _____ DRIVER _____

BULK TRUCK # 160 DRIVER Shane

COMMON	@	_____
POZMIX	@	_____
GEL	@	_____
CHLORIDE	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
HANDLING MILEAGE	@	_____
TOTAL		_____

REMARKS:

25 @ 3680

25 @ 1540

100 @ 760

40 @ 310

10 @ 40 wk plug

15 Rot hole

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

PLUG 85 Dr Hole @ _____

TOTAL _____

CHARGE TO: Mar Oil

STREET _____

CITY _____ STATE _____ ZIP _____

FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

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TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Bill Davidson

PRINTED NAME _____