

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

API NO. 15- 163-23347-00-00

County Rooks
50' N & 150' W
- SW - SE - NW Sec. 20 Twp. 10S Rge. 20 X E

Operator: License # 5259

Name: Mai Oil Operations, Inc.

Address P.O. Box 33

City/State/Zip Russell, Kansas 67665

Purchaser: _____

Operator Contact Person: Allen Bangert

Phone (785) 483-2169

Contractor: Name: Vonfeldt Drilling, Inc.

License: 9431

Wellsite Geologist: Todd Morgenstern

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW 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 PBTB
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

6-27-02 7-3-02 7-3-02
Spud Date Date Reached ID Completion Date

3020 Feet from S/N (circle one) Line of Section

3780 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 Helen Keller Well # 1

Field Name Trico

Producing Formation _____

Elevation: Ground 2159 KB 2164

Total Depth 3815 PBTB _____

Amount of Surface Pipe Set and Cemented at 237 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan MA 84 B-B-02
(Data must be collected from the Reserve Pit)

Chloride content 32,000 ppm Fluid volume 400 bbls

Dewatering method used Allow to dry and backfill

Location of fluid disposal if hauled offsite:

Operator Name _____

Lease Name _____ License No. _____

_____ Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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 _____ Date _____

Subscribed and sworn to before me this 16 day of July, 1902.

Notary Public Sherril Underwood

Date Commission Expires _____

SHERRIL UNDERWOOD
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 10-30-02

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)

SIDE TWO

Operator Name MAI OIL OPERATIONS, INC.

Lease Name HELEN KELLER

Well # 1

Sec. 20 Twp. 10 Rge. 20

East
 West

County ROOKS

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: RAG, SONIC

Name	Formation (Top), Depth and Datum		Datum
	Top		
ANHYDRITE	1655		509
BASE ANHYDRITE	1698		461
TOPEKA	3216		-1052
HEEBNER	3418		-1254
TORONTO	3440		-1276
LANSING	3458		-1294
BKC	3681		-1517
CONGLOMERATE	3744		-1580
RTD	3815		-1651

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
<u>SURFACE</u>	<u>12 1/4"</u>	<u>8 5/8"</u>	<u>20#</u>	<u>237'</u>	<u>60-40POZ</u>	<u>150</u>	<u>2% GEL 3% CC</u>

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 Yes []

Date of First, Resumed Production, SMD or Inj. Producing Method Flowing Pumping Gas Lift Other (Explain)

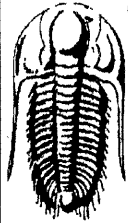
Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval

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

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

15-163-23347-00-00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations

Hellen Keller # 1

PO Box 33
Russell, KS 67665

20--10s--20w Rooks

ATTN: Allen Bangert

Job Ticket: 16413

DST#: 1

Test Start: 2002.07.01 @ 12:05:24

RECEIVED
JUL 07
KUC NICHITA

GENERAL INFORMATION:

Formation: **L-Kc. 35'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:47:54
Time Test Ended: 17:10:24

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 18

Interval: **3480.00 ft (KB) To 3508.00 ft (KB) (TVD)**
Total Depth: 3508.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2163.00 ft (KB)
2158.00 ft (CF)
KB to GR/CF: 5.00 ft

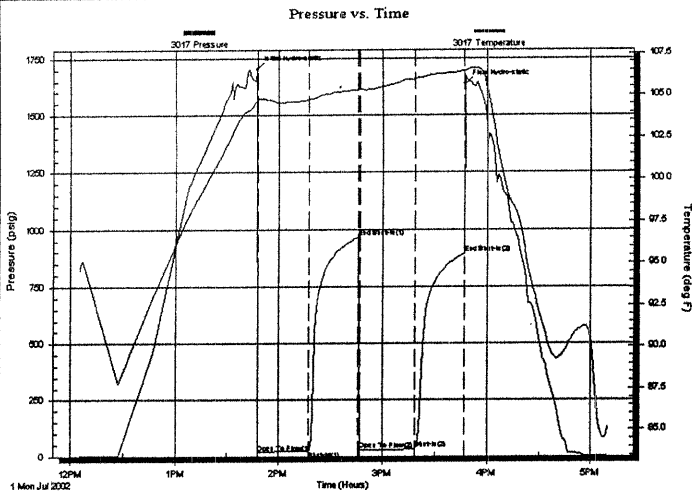
Serial #: 3017

Inside

Press@RunDepth: 31.51 psig @ 3485.01 ft (KB)
Start Date: 2002.07.01 End Date: 2002.07.01
Start Time: 12:05:25 End Time: 17:10:24

Capacity: 7000.00 psig
Last Calib.: 2002.07.01
Time On Btm: 2002.07.01 @ 13:47:24
Time Off Btm: 2002.07.01 @ 15:47:24

TEST COMMENT: IF-Weak Surf Blow ISI-no blow
FF-Weak Surf Blow FSI-no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1702.66	104.66	Initial Hydro-static
1	17.27	104.75	Open To Flow (1)
30	25.76	104.72	Shut-in(1)
59	966.02	105.32	End Shut-in(1)
60	27.42	105.34	Open To Flow (2)
92	31.51	105.96	Shut-in(2)
120	894.94	106.44	End Shut-in(2)
120	1635.75	106.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud with few oil specks	0.42

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

ALLIED CEMENTING CO., INC. 11653

Federal Tax I.D.# ~~28-1111111~~

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

15-163-23347-00-00

SERVICE POINT: R

DATE <u>6/27/02</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>3:00P.M.</u>	JOB START	JOB FINISH <u>7:45P.M.</u>
LEASE <u>Helen Keller</u>	WELL # <u>1</u>	LOCATION <u>Ellis N to Co line 2W</u>			COUNTY <u>ROCKS</u>	STATE <u>Ks</u>	
OLD OR NEW <u>(N)</u> (Circle one)			<u>1W 2W E TWP</u>				

RECEIVED
JUN 05 2002

CONTRACTOR Vonfeldt

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 237

CASING SIZE 8 5/8 DEPTH 237

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10'

PERFS.

DISPLACEMENT 14 1/4 Bbl

EQUIPMENT

PUMP TRUCK CEMENTER Paul

177 HELPER Bill

BULK TRUCK DRIVER Jon

100 DRIVER

BULK TRUCK DRIVER

OWNER

CEMENT

AMOUNT ORDERED 150 60/40 342 KCC WICHITA

COMMON	<u>90</u>	@	<u>6.65</u>	<u>598.50</u>
POZMIX	<u>60</u>	@	<u>3.55</u>	<u>213.00</u>
GEL	<u>3</u>	@	<u>10.00</u>	<u>30.00</u>
CHLORIDE	<u>5</u>	@	<u>30.00</u>	<u>150.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>150</u>	@	<u>1.10</u>	<u>165.00</u>
MILEAGE	<u>4 1/2 SK / mile</u>			<u>180.00</u>
TOTAL				<u>1336.50</u>

REMARKS:

SERVICE

Cement Circulated!

Thank You!

DEPTH OF JOB

PUMP TRUCK CHARGE 520.00

EXTRA FOOTAGE @

MILEAGE 30 @ 3.00 90.00

PLUG 8 5/8 wood @ 45.00

TOTAL 655.00

CHARGE TO: Mai Oil Oper.

STREET

CITY STATE ZIP

FLOAT EQUIPMENT

@

@

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@

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