



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

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

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

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

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

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

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

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that 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.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1083171

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other (Explain) \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 04, 2012

Allen Bangert  
Mai Oil Operations, Inc.  
8411 PRESTON RD STE 800  
DALLAS, TX 75225-5520

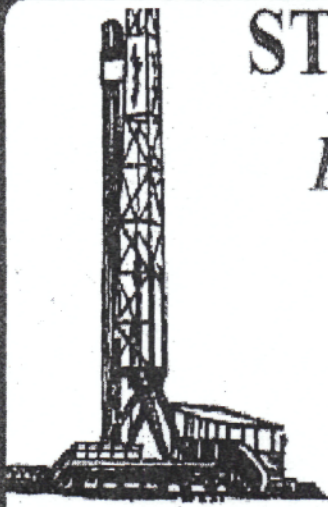
Re: ACO1  
API 15-009-25576-00-00  
Fyler 2  
NE/4 Sec.24-18S-15W  
Barton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Allen Bangert



# STEVEN P. MURPHY, P.G.

*Petroleum Geologist (KS #228)*

Cell 620.639.3030

Fax 785.387.2400

RR#1, Box 69

Otis, Kansas 67565

geomurphy@gbta.net

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Fyler #2

Location: Barton County

License Number: API #15-009-25576-00-00

Spud Date: 10/24/11

Region: Kansas

Drilling Completed: 10/31/11

Surface Coordinates: 1600' FNL & 1250' FEL (Approx NW NW SE NE)  
Section 24-T18S-R15W

Bottom Hole Coordinates: Vertical well w/minimal deviation  
(Same as above)

Ground Elevation (ft): 1912'      K.B. Elevation (ft): 1920'

Logged Interval (ft): 2800'      To: 3610'      Total Depth (ft): 3610'

Formation: Topeka thru Arbuckle

Type of Drilling Fluid: Chemical - Andy's Mud (Dennis Rector - Mud Engineer)

Printed by STRIP.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

## OPERATOR

Company: Mai Oil Operations, Inc.

Address: 8411 Preston Rd

Suite 800

Dallas, TX 75225-5520

## GEOLOGIST

Name: Steven P. Murphy, PG

Company: Consulting Petroleum Geologist (KS License #228)

Address: 3365 County Rd 390

Otis, KS 67565

Cell Phone No: 620-639-3030

## LogTops (Datum)

The open-hole logging was performed by Jason Cappellucci with Superior Well Services (Hays, KS shop). Logs included Compensated Neutron/Compensated Density, Dual Induction & Microlog.

Formation tops and depths from the ...



### LogTops (Datum)

The open-hole logging was performed by Jason Cappellucci with Superior Well Services (Hays, KS shop). Logs included Compensated Neutron/Compensated Density, Dual Induction & Microlog.

Formation tops and datums from the open-hole logs include the following:

Top Anhydrite -  
Topeka - 2940 (-1020)  
Heebner - 3181 (-1261)  
Toronto - 3198 (-1278)  
Brown Lime - 3253 (-1333)  
Lansing - 3261 (-1341)  
Muncie Crk - 3403 (-1483)  
BKC - 3478 (-1558)  
Arbuckle - 3545 (-1625)

### DSTs

The following drillstem tests were performed by Dustin Rash w/Triobite Testing (Hays shop):

DST #1 3258-3294 (LKC "A-C")  
45:45:45  
IF: Blow built to 4", no return  
FF: Blow built to 6", no return  
Recovery: 30' GIP, 30' Gsy Oily Wtry Mud  
(10% G, 10% O, 20% W, 60% M)  
IHP: 1589 FHP: 1551  
IFP: 15-18 ISIP: 543  
FFP: 62-21 FSIP: 264  
BHT - 105 F  
Chlorides - 115,000 ppm

DST#2 3312-3350 (LKC "E,F")  
20:45:30:45  
IF: BOB in 1.75 min, return BOB in 32 min  
FF: BOB in 6 min, return in 3 min, built to 1/2 in  
Recovery: 330' GIP, 20' Gsy Oil (40% G,  
60% O), 40' Wtry MCO (65% O, 20% W,  
15% M), 40' GOWM (20% G, 10% O,  
30% W, 40% M), 682' MW (90% W, 10% M)  
IHP: 1619 FHP: 1610  
IFP: 44-230 ISIP: 1007  
FFP: 237-386 FSIP: 1008  
BHT - 117 F  
Oil Gravity - 36  
Chlorides - 42,000 ppm

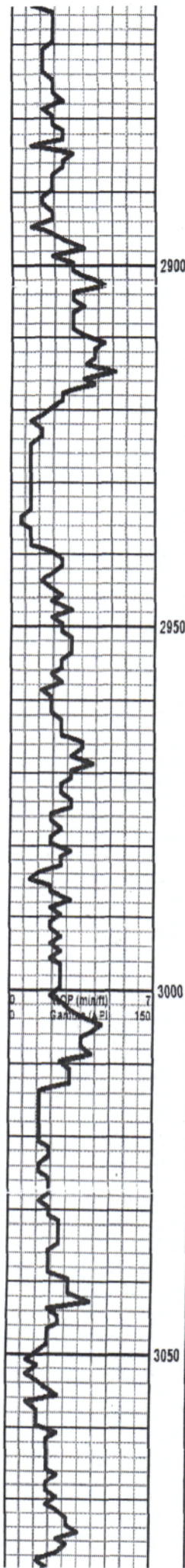
DST #3 3386-3438 (LKC "H,I,J")  
30:30:15:30  
IF: Wk surface blow died in 29 min, no return  
FF: Wk surface blow died in 6 min, no return  
Recovery: 10' VSOCIM (2% O, 98% M)  
IHP: 1670 FHP: 1642  
IFP: 16-18 ISIP: 32  
FFP: 14-17 FSIP: 1642  
BHT - 101 F

### COMMENTS

Based on the results of DST's, and sample & log analysis, it was recommended that casing be run to attempt a completion of the LKC "E" zone and Plattsmouth.







SH: gry

SH: gry

LS: crm-gry, vxl n, dense foss, NS

LS: crm-gry, vxl n, dense foss, NS

LS: crm-brn-gry, vxl n, foss, dense NS

LS: crm-gry, vxl n, foss, dense, NS

LS: crm-gry, vxl n, foss, sl chalky, dense, NS

LS: crm-tan, vxl n, foss, sl chalky, dense NS

LS: tan-gry, vxl n, sl foss, sl chalky, dense, NS

LS: tan-gry, fxln, foss, chalky, dense, NS

LS: tan-gry, fxln, foss, chalky, dense, NS

SH: blk

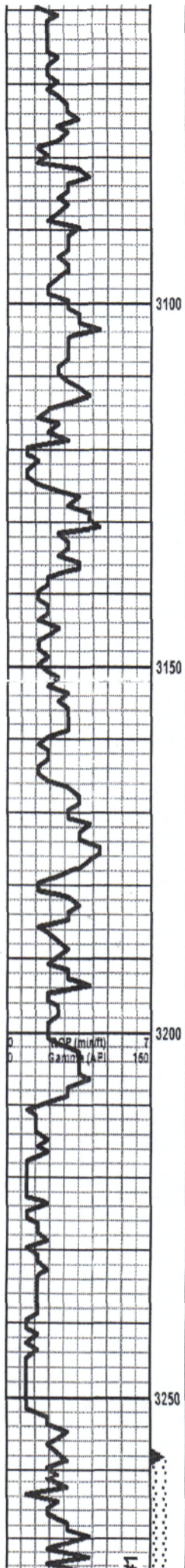
SH: gry-grn

LS: crm-gry, vxl n, dense, NS

LS: crm-gry, vxl n, dense, NS

SH: gry-grn-red

TOPEKA 2939 (-1019)



LS: crm-gry, vxl n, dense, NS

SH: gry-grn-red

LS: crm-tan-gry, fxln, foss, dense, NS

LS: crm-tan-gry, vxl n, foss, dense, NS

3100

LS: wht-tan-gry, fxln, foss, fr inxln por, ssfo, fr sat str, sl odor

LS: crm-gry, vxl n, foss, sl chalky, dense, NS

LS: crm-gry, fxln, oolic, fr-gd inxln & vug por, ssfo, fr-gd sat str, fr odor

CFS @ 3122'

LS: crm-tan-gry, vxl n, sl foss, sl chalky, dense, NS

LS: crm-tan-gry, vxl n, sl foss, sl chalky, dense, NS

3150

LS: crm-tan-gry, vxl n, sl foss, sl chalky, dense, NS

LS: crm-tan-gry, vxl n, sl foss, sl chalky, dense, NS

LS: crm-gry, fxln, mottled, chalky, nvp, NS

LS: crm-gry, vxl n, dense, chalky, NS

SH: blk

HEEBNER 3178 (-1258)

SH: gry-grn-red

TORONTO 3194 (-1274)

3200

LS: crm-tan, fxln, sl foss, dense, NS

SH: gry-grn-red w/abund gry f-gr sst clusters, NS

SH: gry-grn-red w/abund gry f-gr sst clusters, NS

SH: gry-grn-red w/abund gry f-gr sst clusters, NS

Pipe strap @ 3294' - 0.03' Short to board  
Deviation survey @ 3294' - 3/4 degree

3250

LS: crm-tan, fxln, mostly dense, rare gd inxln por, ssfo, spotty str, sl odor

BR.LIME 3252 (-1332)

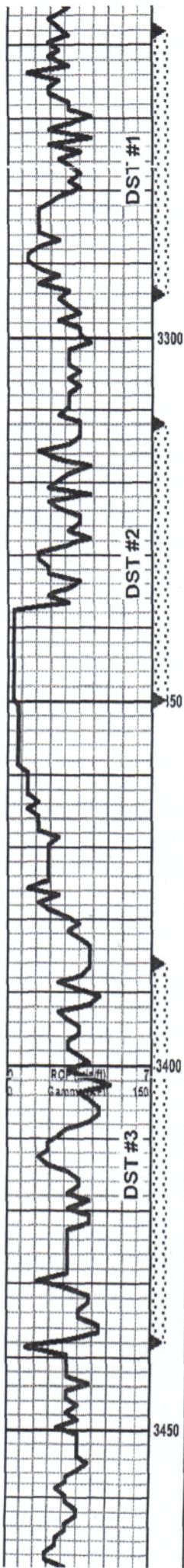
SH: gry-brn-grn

LANSING 3263 (-1343)

LS: wh-tan, fxln, dense, rare fr inxln por, cherty, vssfo, spotty str, sl odor

DST #1 3258-3294 (LKC "A-C")  
45:45:45





- LS: crm-tan, fxl, mostly dense, rare gd inxln por, ssfo, spotty stn, sl odor
- SH: gry-brn-grn
- LS: wh-tan, fxl, dense, rare fr inxln por, cherty, vssfo, spotty stn, sl odor
- LS: wh-tan, fxl, foss, fr-gd inxln por, cherty, ssfo, spotty stn, sl odor
- LS: crm-tan, fxl, oolic, foss, fr-gd inxln & vug por, fsfo, sat stn, fr odor
- LS: crm-gry, fxl, oolic in pt, foss, fr-gd inxln & vug por, fsfo, sat stn, str odor
- LS: crm-tan, vfxln, dense, NS
- LS: crm-tan, vfxln, dense, NS
- LS: crm-gry, fxl, oolic, gd vug por, fsfo, even sat stn, fr odor
- SH: gry-grn
- LS: crm-gry, fxl, foss, fr-gd vug por, fsfo, even sat stn, fr odor
- LS: crm-tan, fxl, foss, oolic, gd vug por, ssfo, spotty stn, sl odor
- LS: crm-tan, fxl, oolic, gd vug por, vssfo, spotty stn, sl odor
- LS: wh-tan-gry, f-vfxln, mostly dense, rare fr inxln por, vssfo, rare stn, sl odor
- LS: crm-tan, fxl, oolic in pt, much dense, rare pr-fr inxln & vug por, vssfo, rare stn, sl odor
- LS: crm-tan-gry, vfxln, foss, sl chalky, dense, NS
- SH: blk-gry
- LS: crm-tan-gry, vfxln, sl chalky, dense, rare sfo in ? frac por, minor edge stn, sl odor
- LS: crm-tan-gry, fxl, oolic in pt, gd vug por, ssfo, spotty stn, str odor
- LS: wh-tan, fxl, foss, oolic in pt, gd vug por, fsfo, fr even stn, str odor
- SH: blk-gry-grn
- LS: wh-tan, fxl, oolic, fr inxln por, fsfo, fr even stn, fr odor
- SH: blk-gry-red
- LS: wh-tan, vfxln, dense, sl chalky, NS
- SH: blk-gry-grn-red
- LS: wh-tan-gry, f-vfxln, mostly dense, some oolic w/fr vug por, ssfo, spotty stn, sl odor

**BR.LIME 3252 (-1332)**

**LANSING 3263 (-1343)**

DST #1 3258-3294 (LKC "A-C")  
 45:45:45:45  
 IF: Blow built to 4", no return  
 FF: Blow built to 6", no return  
 Recovery: 30' GIP, 30' Gsy Oily Wtry Mud (10% G, 10% O, 20% W, 60% M)  
 IHP: 1589 FHP: 1551  
 IFP: 15-18 ISIP: 543  
 FFP: 62-21 FSIP: 264  
 BHT - 105 F  
 Chlorides - 115,000 ppm

CFS @ 3294'

DST#2 3312-3350 (LKC "E,F")  
 20:45:30:45  
 IF: BOB in 1.75 min, return BOB in 32 min  
 FF: BOB in 6 min, return in 3 min, built to 1/2 in  
 Recovery: 330' GIP, 20' Gsy Oil (40% G, 60% O), 40' Wtry MCO (65% O, 20% W, 15% M), 40' GOWM (20% G, 10% O, 30% W, 40% M), 682' MW (90% W, 10% M)  
 IHP: 1619 FHP: 1610  
 IFP: 44-230 ISIP: 1007  
 FFP: 237-386 FSIP: 1008  
 BHT - 117 F  
 Oil Gravity - 36  
 Chlorides - 42,000 ppm

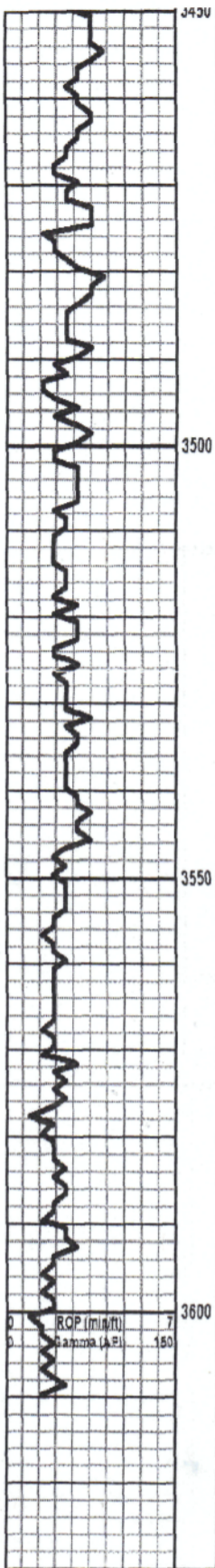
CFS @ 3350'

**MUNCIE CREEK 3392 (-1472)**

DST #3 3386-3438 (LKC "H,I,J")  
 30:30:15:30  
 IF: Wk surface blow died in 29 min, no return  
 FF: Wk surface blow died in 6 min, no return  
 Recovery: 10' VSOCM (2% O, 98% M)  
 IHP: 1670 FHP: 1642  
 IFP: 16-18 ISIP: 32  
 FFP: 14-17 FSIP: 1642  
 BHT - 101 F

CFS @ 3438'





SH: blk-gry-grn-red

LS: wht-tan-gry, fxl'n, mostly dense, some oolic w/fr vug por, ssfo, spotty str, sl odor

LS: as above w/incl in show/odor

SH: multie

LS: wht-tan-gry, fxl'n, sl chalky, dense, NS

SH: gry-red-blk-grn (wash red)

SH: gry-red-blk-grn (wash red)

SH: gry-grn-red (wash red)

LS: wh-red-tan, fxl'n, abund multie shales & chert, minor str in dense LS (nsfo or odor - wash red)

LS-SH- Chert as above (wash red)

as above w/increase in shale (wash red)

DOL: wht-crm-tan, fxl'n, much dense, some w/fr inxln por, ssfo, spotty str, sl odor

DOL: wht-crm-tan, fxl'n, much dense, some w/fr inxln por, ssfo, spotty str, sl odor

DOL: crm-tan, fxl'n, dense, cherty, NS

DOL: crm-tan, fxl'n, much dense, some w/fr inxln por, NS

DOL: crm-tan, fxl'n, much dense, some w/fr inxln por, NS

DOL: crm-tan, fxl'n, much dense, some w/fr inxln por, NS

RTD @ 3610'

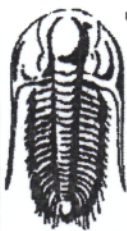
LTD @ 3613'

BKC 3490 (-1570)

ARBUCKLE 3546 (-1626)

Deviation survey @ 3610' - 3/4 degree

5-1/2" production casing set @ 3600' w/155 sacks cement



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Mai Oil Operations, Inc.  
8411 Preston Rd. Ste. #800  
Dallas, TX 75225  
ATTN: Steve Murphy

**24-18s-15w Barton,KS**  
**Fyler A #1**  
Job Ticket: 45270      **DST#: 1**  
Test Start: 2011.10.28 @ 01:08:15

### GENERAL INFORMATION:

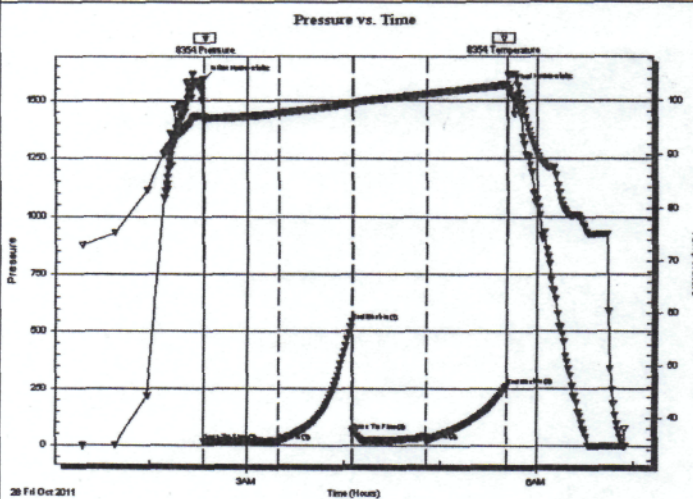
Formation: **LKC "A-C"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 02:32:55  
Time Test Ended: 06:54:45  
Interval: **3258.00 ft (KB) To 3294.00 ft (KB) (TVD)**  
Total Depth: 3294.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Dustin Rash  
Unit No: 38  
Reference Elevations: 1920.00 ft (KB)  
1912.00 ft (CF)  
KB to GR/CF: 8.00 ft

### Serial #: 8354

#### Inside

Press@RunDepth: 20.97 psig @ 3260.00 ft (KB)  
Start Date: 2011.10.28      End Date: 2011.10.28  
Start Time: 01:18:15      End Time: 06:54:45  
Capacity: 8000.00 psig  
Last Calib.: 2011.10.29  
Time On Btm: 2011.10.28 @ 02:32:45  
Time Off Btm: 2011.10.28 @ 05:42:15

TEST COMMENT: IF-Weak building blow. Built to 4 inches.  
ISI-No Return.  
FF-Weak building blow. Built to 6 inches.  
FSI-No Return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1588.99	97.13	Initial Hydro-static
1	15.14	96.09	Open To Flow (1)
47	18.13	97.64	Shut-In(1)
92	542.70	99.47	End Shut-In(1)
93	61.88	99.42	Open To Flow (2)
138	20.97	101.25	Shut-In(2)
188	264.22	102.94	End Shut-In(2)
190	1550.51	104.90	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	10%Gas/10%Oil/20%Water/60%Mud	0.42
0.00	30' G.I.P.	0.00

### Gas Rates

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





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Mai Oil Operations, Inc.  
 8411 Preston Rd. Ste. #800  
 Dallas, TX 75225  
 ATTN: Steve Murphy

**24-18s-15w Barton,KS**  
**Fyler A #1**  
 Job Ticket: 45271      **DST#: 2**  
 Test Start: 2011.10.29 @ 13:47:30

**GENERAL INFORMATION:**

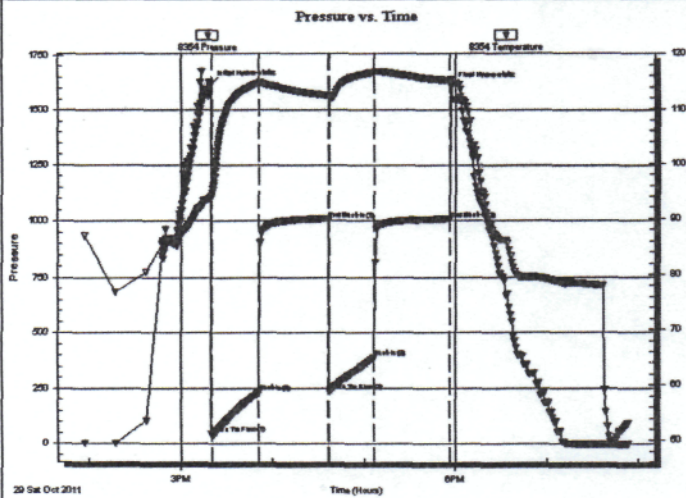
Formation: **LKC "E-F"**  
 Deviated: **No Whipstock**      ft (KB)  
 Time Tool Opened: 15:20:00  
 Time Test Ended: 19:53:30  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Dustin Rash**  
 Unit No: **38**  
 Interval: **3312.00 ft (KB) To 3350.00 ft (KB) (TVD)**  
 Total Depth: **3350.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 Reference Elevations: **1920.00 ft (KB)**  
**1912.00 ft (CF)**  
 KB to GR/CF: **8.00 ft**

**Serial #: 8354**

**Inside**

Press@RunDepth: **386.06 psig @ 3314.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2011.10.29**      End Date: **2011.10.29**      Last Calib.: **2011.10.29**  
 Start Time: **13:57:30**      End Time: **19:53:30**      Time On Btrt: **2011.10.29 @ 15:19:40**  
 Time Off Btrt: **2011.10.29 @ 17:57:00**

**TEST COMMENT:** IF-Strong building blow. BOB in 1 minute 45 seconds.  
 ISI-Return @ 30 seconds. BOB in 32 minutes.  
 FF-Strong building blow. BOB in 6 minutes.  
 FSI-Return @ 3 minutes. Built to 1/2 inch.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1619.41	93.99	Initial Hydro-static
1	43.52	93.69	Open To Flow (1)
32	229.56	114.62	Shut-In(1)
77	1007.14	112.38	End Shut-In(1)
78	237.01	112.11	Open To Flow (2)
107	386.06	116.62	Shut-In(2)
157	1008.00	115.12	End Shut-In(2)
158	1610.19	115.24	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
682.00	90%Water/10%Mud	9.57
40.00	20%Gas/10%Oil/30%Water/40%Mud	0.56
40.00	65%Oil/20%Water/15%Mud	0.56
20.00	40%Gas/60%Oil	0.28
0.00	330' G.I.P.	0.00

**Gas Rates**

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





# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 056

Date		Sec.	Twp.	Range	County	State	On Location	Finish	
10-25-11		24	18	15	Ranton	KS		10:45 A.M.	
Lease <u>FYLER A</u>		Well No. <u>1</u>		Location <u>Boyd's Blacktop 4w to 80 Ave 1/23 Winto</u>					
Contractor <u>Southwind #3</u>					Owner				
Type Job <u>Surface</u>					To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.				
Hole Size <u>12 1/4</u>		T.D. <u>938</u>			Charge To <u>Mar Oil</u>				
Csg. <u>8 5/8</u>		Depth <u>938</u>			Street				
Tbg. Size		Depth			City				
Tool		Depth			State				
Cement Left in Csg. <u>31.78</u>		Shoe Joint <u>31.78</u>		The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line		Displace <u>57.6 BL</u>		Cement Amount Ordered <u>350<sup>60</sup>/40 3<sup>10</sup>oc 2<sup>0</sup>occl</u>					
<b>EQUIPMENT</b>									
Pumptrk	<u>5</u> No.	Cementer	<u>Craig</u>	Common					<u>210</u>
		Helper		Poz. Mix					<u>140</u>
Bulktrk		Driver	<u>Steve</u>	Gel.					<u>7</u>
Bulktrk	<u>12</u> No.	Driver	<u>Brett</u>	Calcium					<u>13</u>
<b>JOB SERVICES &amp; REMARKS</b>									
Remarks:					Hulls				
Rat Hole					Salt				
Mouse Hole					Flowseal				
Centralizers					Kol-Seal				
Baskets					Mud CLR 48				
D/V or Port Collar					CFL-117 or CD110 CAF 38				
<u>8 5/8 on bottom Est. Circulation. Mix</u>					Sand				
<u>350sc + 1/2 space plug</u>					Handling <u>370</u>				
<u>Plug landed @ 600ft</u>					Mileage				
<u>Cement Circulated:</u>					<b>FLOAT EQUIPMENT</b>				
					Guide Shoe <u>8 5/8 Baffle Plate</u>				
					Centralizer				
					Baskets <u>Rubber Plug</u>				
					AFU Inserts				
					Float Shoe				
					Latch Down				
					Pumptrk Charge <u>Long Surface</u>				
					Mileage <u>12</u>				
					Tax				
					Discount				
					Total Charge				
X Signature <u>[Signature]</u>									



# ALLIED CEMENTING CO., LLC. 034435

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Russell

*Fyler #2*

DATE <u>10/31/11</u>	SEC. <u>24</u>	TWP. <u>18</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 PM</u>	JOB FINISH <u>1:00 PM</u>
LEASE # <u>[REDACTED]</u>	WELL # <u>1</u>	LOCATION <u>Omitz 1 1/2 S 1 E</u>			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)		<u>1 1/2 S Wint.</u>					

CONTRACTOR Southward Drilling Co. #3  
 TYPE OF JOB Production String  
 HOLE SIZE 2 7/8 T.D. 3610  
 CASING SIZE 5 1/2 14" DEPTH 3603  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1700 psi MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 18.52  
 CEMENT LEFT IN CSG. 18.52  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 87.46 bbl

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 155 9/2 100 500  
23 Gel 14 WFL  
1000 Gel WFL 2  
 COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

**EQUIPMENT**

PUMP TRUCK CEMENTER Shane Heath  
 # 405 HELPER Todd  
 BULK TRUCK DRIVER Ron  
 # 481  
 BULK TRUCK DRIVER \_\_\_\_\_  
 # \_\_\_\_\_

**REMARKS:**

Rot Hole 3000 Tscat @ 3584.44  
Mix 1000 Gel WFL 2 Mix  
12:00 down 5 1/2. Shut down  
Washed Pump + Lines Displaced  
87.46 bbl  
Control @ 1700 psi  
Float Held 1

CHARGE TO: Main Oil Operations  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \_\_\_\_\_

**SERVICE**

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

\_\_\_\_\_ @ \_\_\_\_\_  
9 Touchdowns @ \_\_\_\_\_  
Float Shoe @ \_\_\_\_\_  
Catch down @ \_\_\_\_\_

*Thanks!*

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 05, 2012

Allen Bangert  
Mai Oil Operations, Inc.  
8411 PRESTON RD STE 800  
DALLAS, TX 75225-5520

Re: ACO-1  
API 15-009-25576-00-00  
Fyler 2  
NE/4 Sec.24-18S-15W  
Barton County, Kansas

Dear Allen Bangert:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 10/24/2011 and the ACO-1 was received on June 05, 2012 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department