



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: _____



1065660

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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JAMES C. MUSGROVE

Petroleum Geologist
P.O. Box 215
212 Main St.
Claflin, KS 67525

Office (620) 588-4250

Res. Claflin (620) 587-3444

Mail Oil Operations
Kilian #4
NW-SE-NW-NE (710' FNL & 1875' FEL)
Section 22-15s-14w
Russell County, Kansas
Page No. 1

Dry and Abandoned

Contractor: Southwind Drilling Inc (Rig #3)
Commenced: September 9, 2011
Completed: September 15, 2011
Elevation: 1825' K.B.; 1827' D.F.; 1818' G.L.
Casing Program: Surface; 8 5/8" @ 400'
Production; none.
Samples: Samples saved and examined 2700' to the Rotary Total Depth.
Drilling Time: One (1) foot drilling time recorded and kept 2700' to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There were three (3) Drill Stem Tests ran by Trilobite Testing Company.
Electric Log: By Superior Well Services, Dual Induction Compensated Density/Neutron PE Log, Micro & Sonic Logs.

<u>Formation</u>	<u>Log Depth</u>	<u>Sub-Sea Datum</u>
Anhydrite	855	+972
Base Anhydrite	885	+940
Topeka	2728	-903
Heebner	2958	-1133
Toronto	2971	-1146
Lansing	3020	-1195
Base Kansas City	3221	-1396
Arbuckle	3264	-1439
Rotary Total Depth	3268	-1443

(All top and zone determinations were made from a correlation of Drilling Time Log and Sample Analysis).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2900-2911' Limestone; cream, white, sub oomoldic, chalky, brown and golden brown stain, show of free oil and fair odor in fresh samples.
2920-2928' Limestone; as above, decreasing stain, trace of free oil and questionable odor.

TORONTO SECTION

2971-2984' Limestone; tan, gray, cream, finely crystalline, chalky, spotty brown stain, no show of free oil and no odor in fresh samples.

LANSING SECTION

3020-3030' Limestone; gray, oolitic, chalky, trace stain, no show of free oil and questionable odor in fresh samples.

3042-3047' Limestone; white, gray, fossiliferous, oolitic, chalky, brown and black stain, show of free oil and questionable odor in fresh samples.

3054-3061' Limestone; cream, white, sub oomoldic, chalky, trace brown stain, weak show of free oil and questionable odor in fresh samples.

Drill Stem Test #1 3025-3079'

Times: 45-45-45-45

Blow; Good

**Recovery: 255' gas in pipe
15' muddy water, with oil spots
150' muddy water**

**Pressures: ISIP 191 psi
FSIP 191 psi
IFP 37-78 psi
FFP 82-109 psi
HSH 1501-1470 psi**

3090-3094' Limestone; cream, gray, oolitic, chalky, poor porosity, no shows.

3103-3110' Limestone; cream, oolitic, chalky, brown to light brown stain, show of free oil and faint odor in fresh samples

Drill Stem Test #2 3078-3110'

Times: 30-30-X-X

Blow; Surge

Recovery: 3' mud

**Pressures: ISIP 26 psi
FSIP XX psi
IFP 11-14 psi
FFP 13-14 psi
HSH 1509-1490 psi**

3116-3128' Limestone; cream, white, oomoldic, good oomoldic porosity, chalky, no shows.

3148-3153' Limestone; white, gray, sub oomoldic, chalky, poor visible porosity, no shows.

- 3166-3176' Limestone; tan, oomoldic, fair oomoldic porosity, chalky, (barren).
- 3193-3197' Limestone; cream, oolitic, fossiliferous, chalky, poor visible porosity, trace golden brown stain, no show of free oil and no odor in fresh samples.
- 3197-3208' Limestone; white, sub oomoldic, chalky, scattered porosity, brown and light brown stain, trace of free oil and questionable odor in fresh samples.

MARMATON SECTION

- 3234-3242' Limestone; white, gray, oolitic, chalky, golden brown stain, no show of free oil and faint odor in fresh samples.

ARBUCKLE SECTION

Dolomite; white, gray, medium and coarse crystalline, good intercrystalline porosity, brown stain, show of free oil and fair to good odor in fresh samples.

Drill Stem Test #3 3320-3268'

Times: 15-30-30-30

Blow; Strong

Recovery: 1' clean oil
1800' muddy water, scum of oil

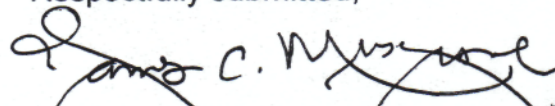
Pressures: ISIP 1094 psi
FSIP 1090 psi
IFP 184-438 psi
FFP 449-885 psi
HSH 1635-1544 psi

Rotary Total Depth 3268

Recommendations

The Kilian #4 was plugged and abandoned at the Rotary Total Depth 3268'.

Respectfully submitted;


James C. Musgrove,
Petroleum Geologist



Notice: Fill out COMPLETELY and return to Conservation Division at the address below within 60 days from plugging date.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Form CP-4
March 2009
Type or Print on this Form
Form must be Signed
All blanks must be Filled

OPERATOR: License #: 5259
Name: Mai Oil Operations, Inc.
Address 1: 8411 Preston Rd, Ste 800
Address 2: _____
City: Dallas State: TX Zip: 75225 + 5520
Contact Person: Allen Bangert
Phone: (214) 219-8883
Type of Well: (Check one) Oil Well Gas Well OG D&A Cathodic
 Water Supply Well Other: _____ SWD Permit #: _____
 ENHR Permit #: _____ Gas Storage Permit #: _____
Is ACO-1 filed? Yes No If not, is well log attached? Yes No
Producing Formation(s): List All (If needed attach another sheet)
_____ Depth to Top: _____ Bottom: _____ T.D. _____
_____ Depth to Top: _____ Bottom: _____ T.D. _____
_____ Depth to Top: _____ Bottom: _____ T.D. _____

API No. 15 - 15-167-23742-00-00
Spot Description: _____
NW SE NW NE Sec. 22 Twp. 15 S. R. 14 East West
710 Feet from North / South Line of Section
1,875 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Russell
Lease Name: Kilian Well #: 4
Date Well Completed: 9/15/11
The plugging proposal was approved on: 9/15/11 (Date)
by: Darrell Dipman (KCC District Agent's Name)
Plugging Commenced: 9/15/11
Plugging Completed: 9/15/11

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out
		Surface	8 5/8	422	0

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugged well with 190 sacks of 60/40 Poz, 4% gel, 1/4" flo-seal, 1st plug @ 3244' with 25 sacks, 2nd plug @ 870' with 25 sacks, 3rd plug @ 500' with 100 sacks, 4th plug @ 40' with 10 sacks, 30 sacks for rat hole, by Allied (Ticket #38263), job completed @ 8:45 pm on 9/15/2011.

Plugging Contractor License #: 33350 Name: Southwind Drilling
Address 1: 8 North Main Address 2: PO Box 276
City: Ellinwood State: Kansas Zip: 67526 + _____
Phone: (620) 564-3800
Name of Party Responsible for Plugging Fees: Mai Oil Operations, Inc
State of Kansas County, Barton, ss.
Jill Wahlmeier Employee of Operator or Operator on above-described well,
(Print Name)

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Signature: Jill Wahlmeier

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

COPY

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. 5333

Date	9-10-11	Sec.	22	Twp.	15	Range	14	County	Russell	State	KS	On Location		Finish	4:00 p.m.		
Lease	Kilian		Well No.		4		Location									Russell S Winterset Rd 746 Sinto	
Contractor	Southwest #3							Owner									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.
Type Job	Surface							Charge To									#1 Mai Oil
Hole Size	12 1/4		T.D.		422		Depth									422	
Csg.	8 5/8		Depth		422		Street										
Tbg. Size			Depth				City										
Tool			Depth				State										
Cement Left in Csg.	15'		Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line			Displace		25 1/2 BCL		Cement Amount Ordered									225 60/40 30/60 20/60	

EQUIPMENT

Pumptrk	5	No.	Cementor		Common	135
			Helper	Craig		
Bulktrk		No.	Driver		Poz. Mix	90
			Driver			
Bulktrk	10	No.	Driver		Gel.	4
			Driver	Carl		
JOB SERVICES & REMARKS					Calcium	8

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	
8 5/8 on bot rom. Pst Cretation.	Sand	
Mix 225 slt + Displace Plug.	Handling	247
	Mileage	

Cement Cretated!

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	8 5/8 Rubber Plug
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface
Mileage	11
	Tax
	Discount
	Total Charge

Signature *Joy Driver*

ALLIED CEMENTING CO., LLC. 038263

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Russell

DATE <u>9/15/11</u>	SEC. <u>22</u>	TWP. <u>15</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>7:45 am</u>	JOB FINISH <u>8:45 pm</u>
LEASE <u>Killian</u>	WELL# <u>4</u>	LOCATION <u>Russell + Hwy 291 5th</u>			COUNTY <u>Russell</u>	STATE <u>KS.</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)		Winterset at 34w sinte					

CONTRACTOR Southern Drilling B³ OWNER _____

TYPE OF JOB PTT

HOLE SIZE _____ T.D. 3268' CEMENT _____

CASING SIZE _____ DEPTH _____ AMOUNT ORDERED .190 @ 4.25/ft = 807.50

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 3244'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____ COMMON 114 @ 16.25 = 1852.50

MEAS. LINE _____ SHOE JOINT _____ POZMIX 76 @ 8.5 = 646.00

CEMENT LEFT IN CSG. _____ GEL 6 @ 21.25 = 127.50

PERFS. _____ CHLORIDE _____ @ _____

DISPLACEMENT _____ ASC _____ @ _____

EQUIPMENT

Flo Seal 47 # @ 2.70 = 126.90

PUMP TRUCK CEMENTER Steve

409 HELPER Tony

BULK TRUCK _____ @ _____

461 DRIVER Nick

BULK TRUCK _____ @ _____

_____ DRIVER _____ @ _____

HANDLING 196 @ 2.25 = 441.00

MILEAGE .11/mk/mt (9) = 199.04

TOTAL 3387.94

REMARKS:

3244' 25 sk

870' 25 sks

500' 100 sks

40' 10 sks

Ret Hole 30 sks

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 1250.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 18 @ 7.00 = 126.00

MANIFOLD _____ @ _____

LUM 18 @ 4.00 = 72.00

CHARGE TO: Mai Oil Operations

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1448.00

PLUG & FLOAT EQUIPMENT

Oil Hole Plug @ N-C

_____ @ _____

_____ @ _____

TOTAL _____

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES 4835.94

PRINTED NAME Jay Knier

SIGNATURE Jay Knier

DISCOUNT 5% IF PAID IN 30 DAYS

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

October 20, 2011

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

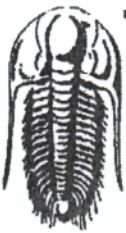
Re: ACO1
API 15-167-23742-00-00
Kilian 4
NE/4 Sec.22-15S-14W
Russell County, Kansas

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.
 8411 Preston Road
 Suite 800
 Dallas, TX. 75225
 ATTN: Jim Musgrove

27-15s-14w Russell, KS

Kilian #4

Job Ticket: 43479

DST#: 1

Test Start: 2011.09.14 @ 01:25:16

GENERAL INFORMATION:

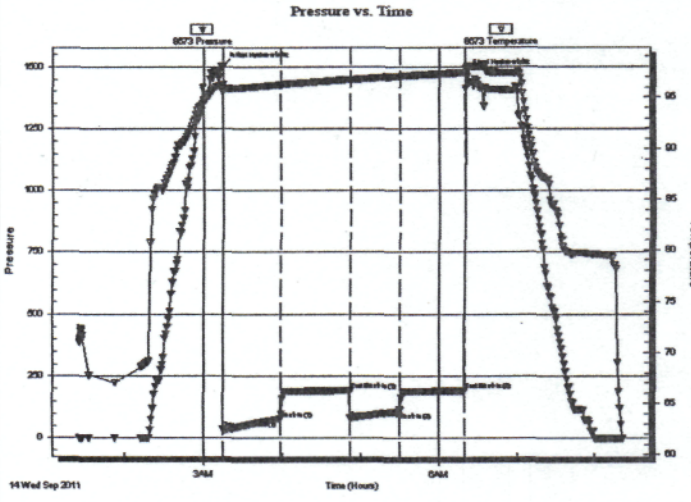
Formation: **B-C**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 03:14:46
 Time Test Ended: 08:21:46
 Interval: **3025.00 ft (KB) To 3079.00 ft (KB) (TVD)**
 Total Depth: **3079.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Jason McLemore**
 Unit No: **54**
 Reference Elevations: **1833.00 ft (KB)**
1825.00 ft (CF)
 KB to GR/CF: **8.00 ft**

Serial #: 8673

Inside

Press@RunDepth: **109.11 psig @ 3061.00 ft (KB)**
 Start Date: **2011.09.14** End Date: **2011.09.14**
 Start Time: **01:25:18** End Time: **08:21:46**
 Capacity: **8000.00 psig**
 Last Calib.: **2011.09.14**
 Time On Btm: **2011.09.14 @ 03:14:16**
 Time Off Btm: **2011.09.14 @ 06:20:31**

TEST COMMENT: IFF-Good Blow ,BOB in 9 min
 ISI-Dead
 FFP-Good Blow ,BOB in 14 min
 FSI-Dead



PRESSURE SUMMARY

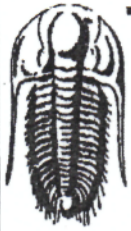
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1501.47	96.26	Initial Hydro-static
1	37.44	95.53	Open To Flow (1)
45	77.63	96.22	Shut-In(1)
97	191.43	96.76	End Shut-In(1)
98	81.70	96.70	Open To Flow (2)
136	109.11	97.05	Shut-In(2)
186	191.22	97.42	End Shut-In(2)
187	1470.26	97.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Muddy Wtr W/Oil Spots	0.21
150.00	Muddy Water	2.10
0.00	255' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

27-15s-14w Russell,KS

8411 Preston Road
Suite 800
Dallas, TX. 75225
ATTN: Jim Musgrove

Kilian #4

Job Ticket: 43480 DST#: 2

Test Start: 2011.09.14 @ 14:47:33

GENERAL INFORMATION:

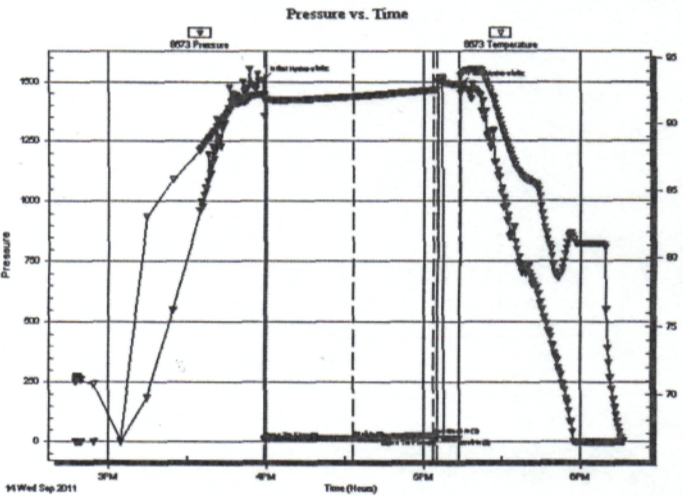
Formation: F
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:59:18
Time Test Ended: 18:16:33
Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54
Interval: 3078.00 ft (KB) To 3110.00 ft (KB) (TVD)
Reference Elevations: 1833.00 ft (KB)
Total Depth: 3110.00 ft (KB) (TVD) 1825.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8673

Inside

Press@RunDepth: 13.66 psig @ 3080.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.09.14 End Date: 2011.09.14 Last Calib.: 2011.09.14
Start Time: 14:47:35 End Time: 18:16:33 Time On Btm: 2011.09.14 @ 15:58:48
Time Off Btm: 2011.09.14 @ 17:14:18

TEST COMMENT: IFF-Surge On Open, Dead
ISL-Dead
FFP-Flush Tool, Still Dead, Pull Tool



PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1508.46	92.22	Initial Hydro-static
1	11.15	91.74	Open To Flow (1)
35	13.66	92.06	Shut-In(1)
65	25.55	92.57	End Shut-In(1)
67	13.30	92.59	Open To Flow (2)
75	14.36	93.01	Shut-In(2)
76	1490.10	93.70	Final Hydro-static

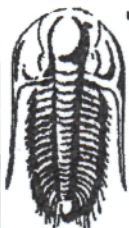
Recovery

Length (ft)	Description	Volume (bbl)
3.00	Drilling Mud	0.04

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Mai Oil Operations, Inc.

27-15s-14w Russell,KS

8411 Preston Road
Suite 800
Dallas, TX. 75225
ATTN: Jim Musgrove

Killian #4

Job Ticket: 43481

DST#: 3

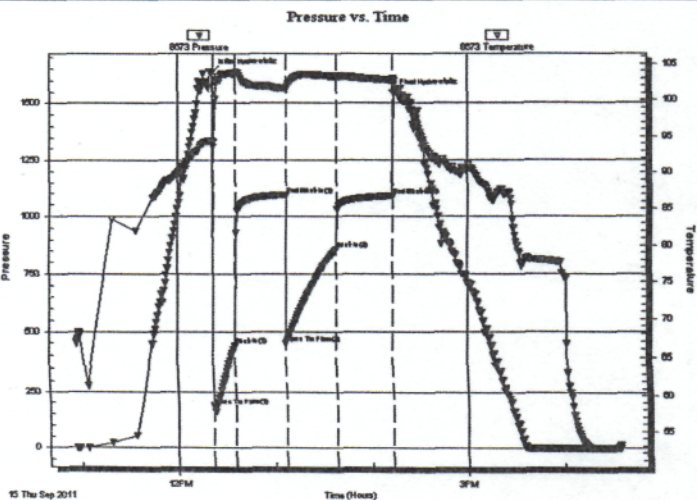
Test Start: 2011.09.15 @ 10:57:11

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:21:41
 Time Test Ended: 16:35:11
 Interval: **3220.00 ft (KB) To 3268.00 ft (KB) (TVD)**
 Total Depth: 3268.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1833.00 ft (KB)
 1825.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8673 Inside
 Press@RunDepth: 855.31 psig @ 3256.00 ft (KB)
 Start Date: 2011.09.15 End Date: 2011.09.15 Capacity: 8000.00 psig
 Start Time: 10:57:13 End Time: 16:35:11 Last Calib.: 2011.09.15
 Time On Btm: 2011.09.15 @ 12:21:11
 Time Off Btm: 2011.09.15 @ 14:13:41

TEST COMMENT: IFF-Strong,BOB in 1 Min.
 ISI-Dead
 FFP-Strong,BOB in 1 Min. 15 Seconds.
 FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1634.63	94.44	Initial Hydro-static
1	184.26	93.65	Open To Flow (1)
15	437.86	103.48	Shut-In(1)
46	1093.88	101.61	End Shut-In(1)
46	448.31	101.37	Open To Flow (2)
77	855.31	103.24	Shut-In(2)
112	1090.09	102.74	End Shut-In(2)
113	1544.23	102.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Free Oil	0.01
1800.00	MW W/Oil Scum	25.25

Recovery from multiple tests

Gas Rates

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