

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	CMX, Inc.
Well Name	LEMON 5A
Doc ID	1467589

All Electric Logs Run

Sonic
Neutron Porosity
Induction
Micro Resistivity



DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206

ATTN: Leah Kasten

Lemon #5A

8-30S-13W Barber.KS

Start Date: 2019.06.02 @ 07:19:00

End Date: 2019.06.02 @ 17:46:47

Job Ticket #: 64972 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.06.05 @ 10:52:51



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkwy
 Bldg 300B
 Wichita, KS 67206
 ATTN: Leah Kasten

8-30S-13W Barber.KS

Lemon #5A

Job Ticket: 64972

DST#: 1

Test Start: 2019.06.02 @ 07:19:00

GENERAL INFORMATION:

Formation: **Mississippi Massey**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:54:17

Time Test Ended: 17:46:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 4395.00 ft (KB) To 4448.00 ft (KB) (TVD)

Reference Elevations: 1867.00 ft (KB)

Total Depth: 4448.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8672

Inside

Press@RunDepth: 56.41 psig @ 4396.00 ft (KB)

Capacity: psig

Start Date: 2019.06.02

End Date:

2019.06.02

Last Calib.:

2019.06.02

Start Time: 07:19:01

End Time:

17:46:47

Time On Btm:

2019.06.02 @ 10:50:17

Time Off Btm:

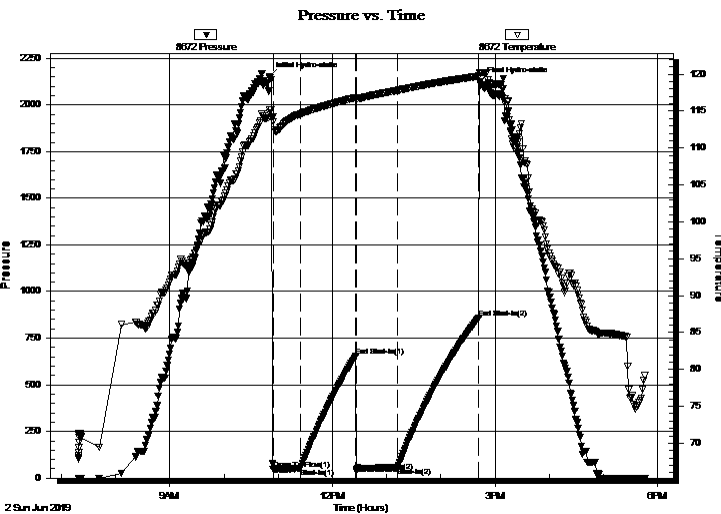
2019.06.02 @ 14:43:17

TEST COMMENT: IF: Strong Blow , BOB in 5 minutes, Built to 39"

IS: No Blow Back

FF: Strong Blow , BOB Immediate, Built to 86"

FS: No Blow Back



PRESSURE SUMMARY

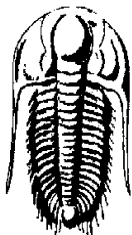
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2153.26	114.83	Initial Hydro-static
4	47.61	114.25	Open To Flow (1)
35	51.85	114.64	Shut-In(1)
96	653.73	116.81	End Shut-In(1)
97	35.14	116.73	Open To Flow (2)
142	56.41	117.81	Shut-In(2)
232	858.94	119.77	End Shut-In(2)
233	2122.20	120.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	945 GIP	0.00
60.00	SGCM 5%G 95%M	0.30

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS

Lemon #5A

Job Ticket: 64972

DST#: 1

Test Start: 2019.06.02 @ 07:19:00

GENERAL INFORMATION:

Formation: **Mississippi Massey**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:54:17

Time Test Ended: 17:46:47

Interval: 4395.00 ft (KB) To 4448.00 ft (KB) (TVD)

Total Depth: 4448.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Reference Elevations: 1867.00 ft (KB)

1856.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751

Outside

Press@RunDepth: psig @ 4396.00 ft (KB)

Capacity: psig

Start Date: 2019.06.02

End Date:

2019.06.02

Last Calib.:

2019.06.02

Start Time: 07:19:01

End Time:

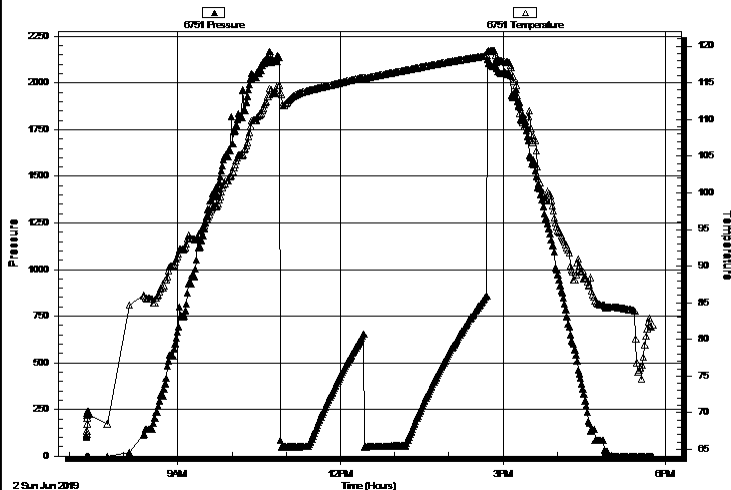
17:46:47

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 5 minutes, Built to 39"
IS: No Blow Back
FF: Strong Blow , BOB Immediate, Built to 86"
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	945 GIP	0.00
60.00	SGCM 5%G 95%M	0.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS
Lemon #5A
Job Ticket: 64972 **DST#: 1**
Test Start: 2019.06.02 @ 07:19:00

Tool Information

Drill Pipe:	Length: 4133.00 ft	Diameter: 3.80 inches	Volume: 57.98 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.17 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4395.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	79.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4374.00	
Hydraulic tool	5.00			4379.00	
Jars	5.00			4384.00	
Safety Joint	2.00			4386.00	
Packer	5.00			4391.00	26.00 Bottom Of Top Packer
Packer	4.00			4395.00	
Stubb	1.00			4396.00	
Recorder	0.00	8672	Inside	4396.00	
Recorder	0.00	6751	Outside	4396.00	
Perforations	5.00			4401.00	
Change Over Sub	1.00			4402.00	
Drill Pipe	31.00			4433.00	
Change Over Sub	2.00			4435.00	
Perforations	10.00			4445.00	
Bullnose	3.00			4448.00	53.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS
Lemon #5A
Job Ticket: 64972 **DST#: 1**
Test Start: 2019.06.02 @ 07:19:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 0.02 inches			

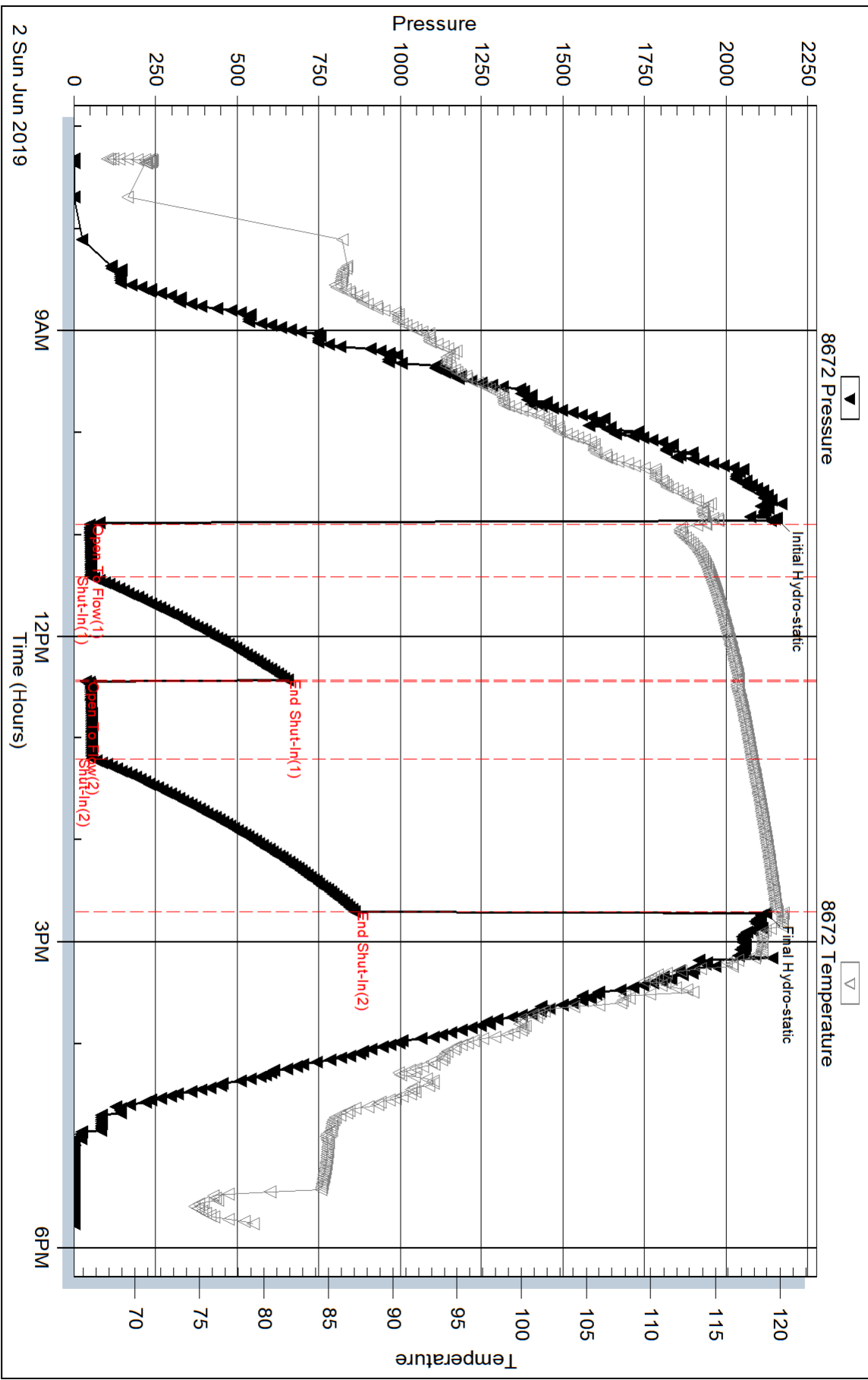
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	945 GIP	0.000
60.00	SGCM 5%G 95%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

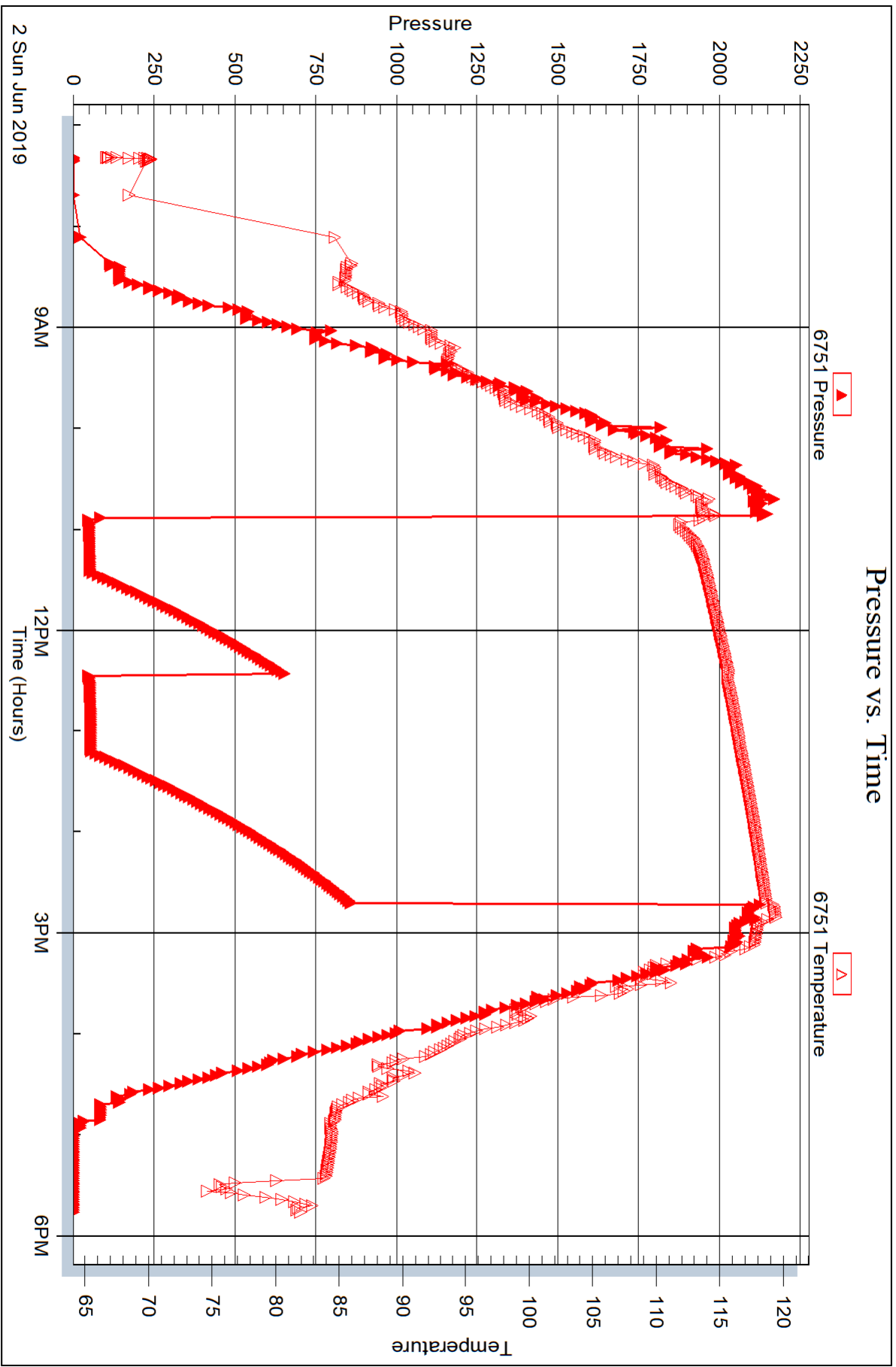


Serial #: 6751

Outside CMX Inc

Lemon #5A

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 64972

Printed: 2019.06.05 @ 10:52:52



DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206

ATTN: Leah Kasten

Lemon #5A

8-30S-13W Barber.KS

Start Date: 2019.06.03 @ 05:15:00

End Date: 2019.06.03 @ 14:40:47

Job Ticket #: 64973 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.06.05 @ 10:52:27

CMX Inc
8-30S-13W Barber.KS
Lemon #5A
DST # 2
Mississippi
2019.06.03



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkwy
 Bldg 300B
 Wichita, KS 67206
 ATTN: Leah Kasten

8-30S-13W Barber.KS

Lemon #5A

Job Ticket: 64973

DST#: 2

Test Start: 2019.06.03 @ 05:15:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 08:13:02
 Tester: Leal Cason
 Time Test Ended: 14:40:47
 Unit No: 74
 Interval: **4447.00 ft (KB) To 4490.00 ft (KB) (TVD)**
 Reference Elevations: 1867.00 ft (KB)
 Total Depth: 4490.00 ft (KB) (TVD)
 1856.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

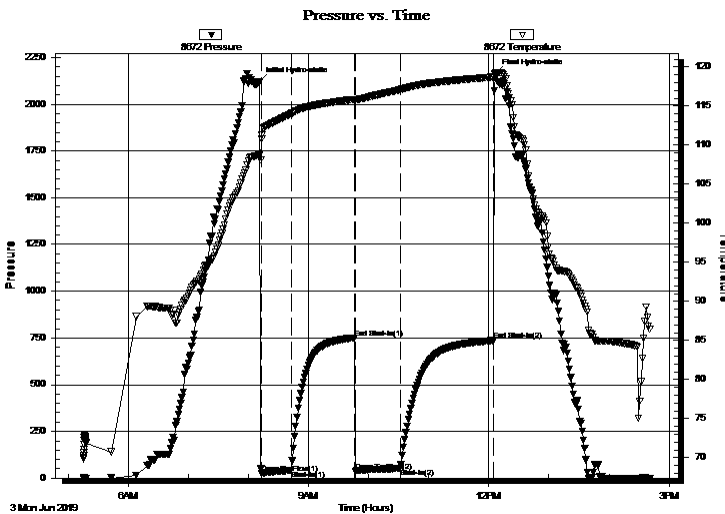
Serial #: 8672

Inside

Press@RunDepth: 52.78 psig @ 4448.00 ft (KB) Capacity: psig
 Start Date: 2019.06.03 End Date: 2019.06.03 Last Calib.: 2019.06.03
 Start Time: 05:15:01 End Time: 14:40:47 Time On Btm: 2019.06.03 @ 08:10:47
 Time Off Btm: 2019.06.03 @ 12:06:17

TEST COMMENT: IF: Strong Blow , BOB in 3 minutes, Built to 127"
 IS: No Blow Back
 FF: Strong Blow , BOB Immediate, Built to 193"
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2118.48	108.69	Initial Hydro-static
3	25.89	110.79	Open To Flow (1)
32	41.37	114.01	Shut-In(1)
96	750.84	115.82	End Shut-In(1)
96	34.30	115.70	Open To Flow (2)
141	52.78	117.08	Shut-In(2)
235	736.51	118.77	End Shut-In(2)
236	2162.60	119.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1454 GIP	0.00
65.00	SGCM 10%G 90%M	0.32

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS

Lemon #5A

Job Ticket: 64973

DST#: 2

Test Start: 2019.06.03 @ 05:15:00

Tool Information

Drill Pipe:	Length: 4198.00 ft	Diameter: 3.80 inches	Volume: 58.89 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 241.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.08 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4447.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4426.00	
Hydraulic tool	5.00			4431.00	
Jars	5.00			4436.00	
Safety Joint	2.00			4438.00	
Packer	5.00			4443.00	26.00 Bottom Of Top Packer
Packer	4.00			4447.00	
Stubb	1.00			4448.00	
Recorder	0.00	8672	Inside	4448.00	
Recorder	0.00	6751	Outside	4448.00	
Perforations	6.00			4454.00	
Change Over Sub	1.00			4455.00	
Drill Pipe	31.00			4486.00	
Change Over Sub	1.00			4487.00	
Bullnose	3.00			4490.00	43.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS
Lemon #5A
Job Ticket: 64973 **DST#: 2**
Test Start: 2019.06.03 @ 05:15:00

Mud and Cushion Information

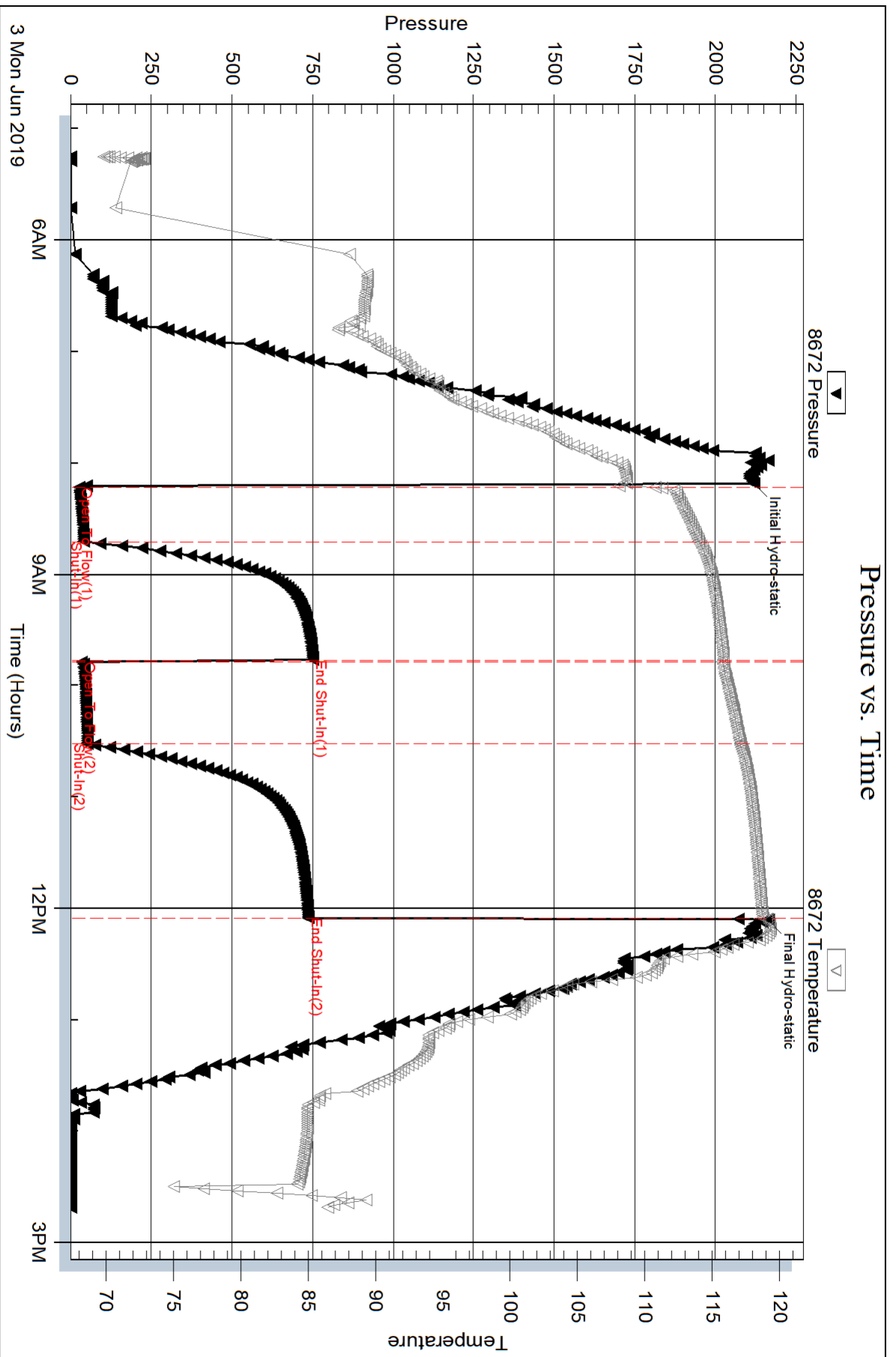
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 0.02 inches			

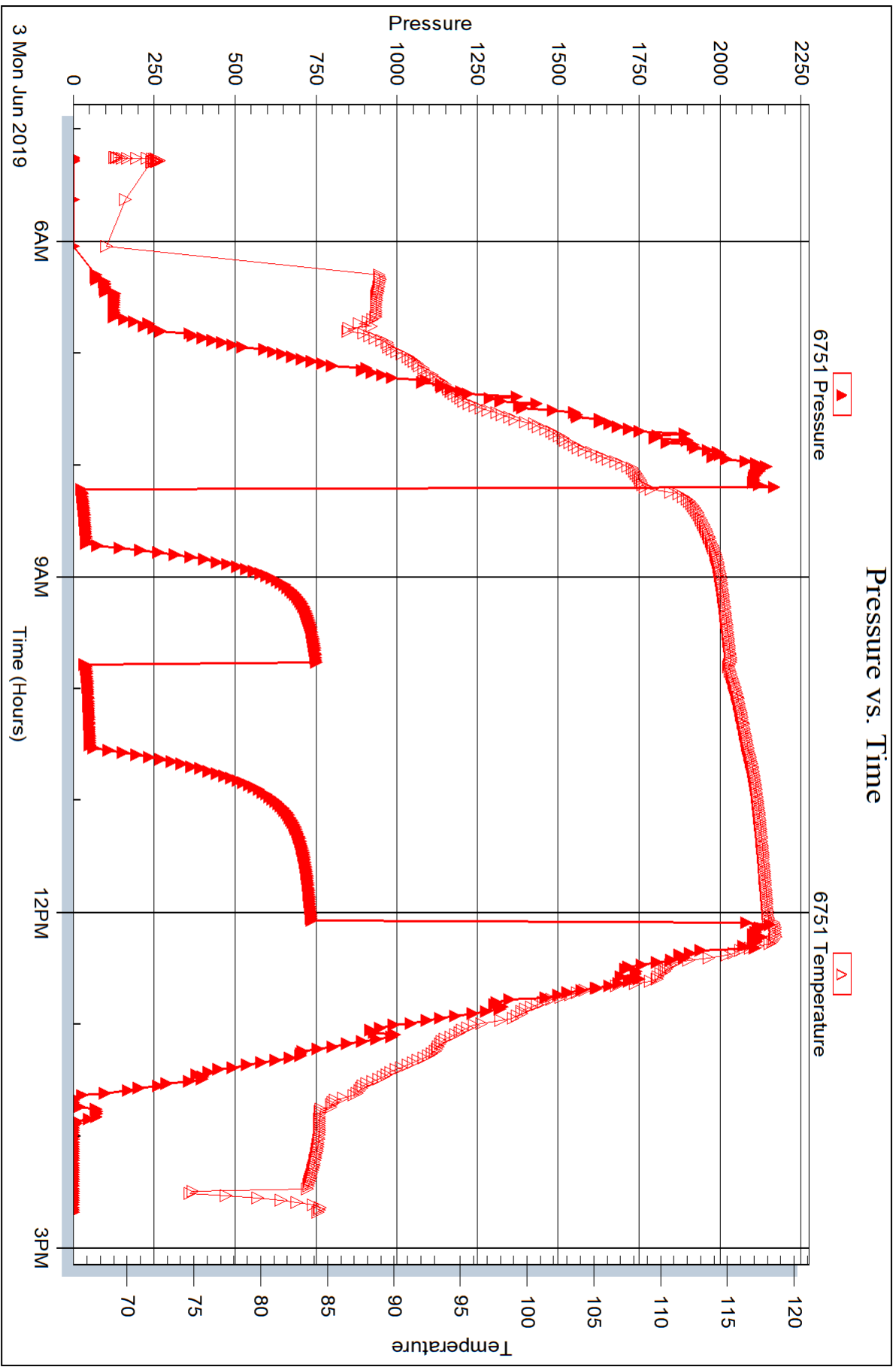
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1454 GIP	0.000
65.00	SGCM 10%G 90%M	0.320

Total Length: 65.00 ft Total Volume: 0.320 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206

ATTN: Leah Kasten

Lemon #5A

8-30S-13W Barber.KS

Start Date: 2019.06.04 @ 04:35:00

End Date: 2019.06.04 @ 16:28:47

Job Ticket #: 64974 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2019.06.05 @ 10:52:03

CMX Inc
8-30S-13W Barber.KS
Lemon #5A
DST # 3
Viola
2019.06.04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkwy
 Bldg 300B
 Wichita, KS 67206
 ATTN: Leah Kasten

8-30S-13W Barber.KS

Lemon #5A

Job Ticket: 64974

DST#: 3

Test Start: 2019.06.04 @ 04:35:00

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 08:47:47
 Tester: Leal Cason
 Time Test Ended: 16:28:47
 Unit No: 74
 Interval: **4558.00 ft (KB) To 4585.00 ft (KB) (TVD)**
 Reference Elevations: 1867.00 ft (KB)
 Total Depth: 4585.00 ft (KB) (TVD)
 1856.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

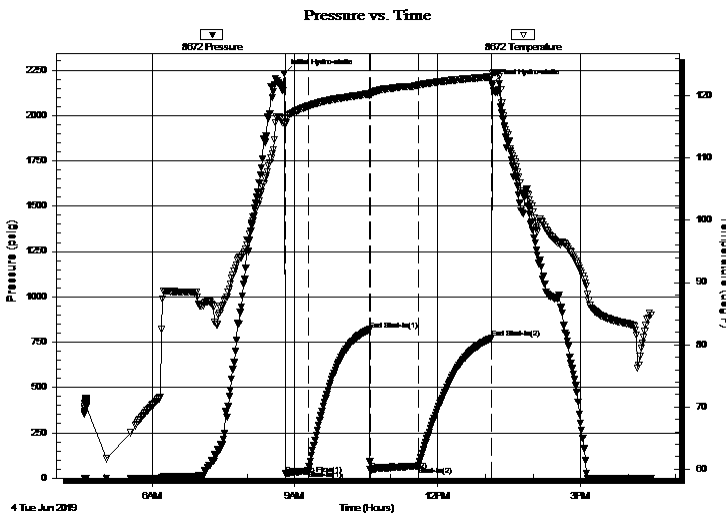
Serial #: 8672

Inside

Press@RunDepth: 67.34 psig @ 4559.00 ft (KB) Capacity: psig
 Start Date: 2019.06.04 End Date: 2019.06.04 Last Calib.: 2019.06.04
 Start Time: 04:35:01 End Time: 16:28:47 Time On Btm: 2019.06.04 @ 08:46:17
 Time Off Btm: 2019.06.04 @ 13:08:32

TEST COMMENT: IF: Strong Blow , BOB in 5 minutes, Built to 47"
 IS: No Blow Back
 FF: Strong Blow , BOB in 30 seconds, Built to 91"
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.07	115.62	Initial Hydro-static
2	23.39	115.51	Open To Flow (1)
31	40.84	118.37	Shut-In(1)
108	818.81	120.30	End Shut-In(1)
109	45.42	120.15	Open To Flow (2)
170	67.34	121.75	Shut-In(2)
262	771.31	123.13	End Shut-In(2)
263	2175.23	123.58	Final Hydro-static

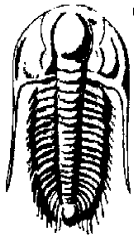
Recovery

Length (ft)	Description	Volume (bbl)
0.00	1913 GIP	0.00
60.00	GOCM 20%G 20%O 60%M	0.30
50.00	GOCM 10%G 10%O 80%M	0.25

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS

Lemon #5A

Job Ticket: 64974

DST#: 3

Test Start: 2019.06.04 @ 04:35:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:47:47

Time Test Ended: 16:28:47

Interval: 4558.00 ft (KB) To 4585.00 ft (KB) (TVD)

Total Depth: 4585.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Reference Elevations: 1867.00 ft (KB)

1856.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 4559.00 ft (KB)

Start Date: 2019.06.04

End Date:

2019.06.04

Start Time: 04:35:01

End Time:

16:28:47

Capacity: psig

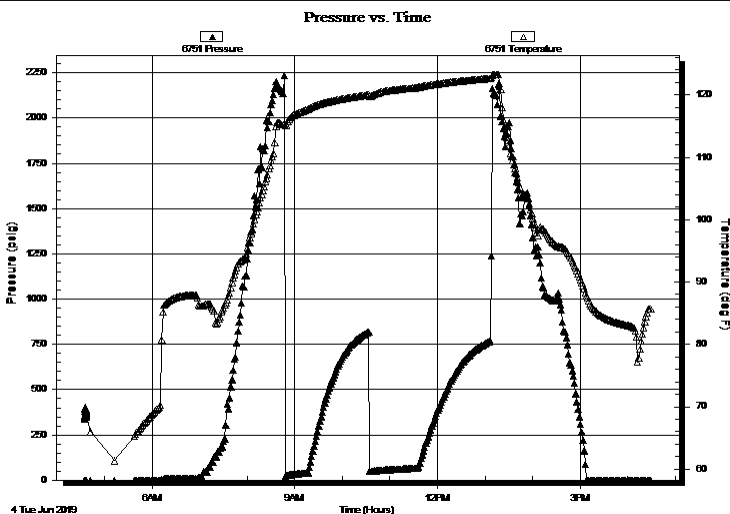
Last Calib.:

2019.06.04

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 5 minutes, Built to 47"
IS: No Blow Back
FF: Strong Blow , BOB in 30 seconds, Built to 91"
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1913 GIP	0.00
60.00	GOCM 20%G 20%O 60%M	0.30
50.00	GOCM 10%G 10%O 80%M	0.25

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS
Lemon #5A
Job Ticket: 64974 **DST#: 3**
Test Start: 2019.06.04 @ 04:35:00

Tool Information

Drill Pipe:	Length: 4199.00 ft	Diameter: 3.80 inches	Volume: 58.90 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 361.00 ft	Diameter: 2.25 inches	Volume: 1.78 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.68 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4558.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			4537.00	
Hydraulic tool	5.00			4542.00	
Jars	5.00			4547.00	
Safety Joint	2.00			4549.00	
Packer	5.00			4554.00	26.00 Bottom Of Top Packer
Packer	4.00			4558.00	
Stubb	1.00			4559.00	
Recorder	0.00	8672	Inside	4559.00	
Recorder	0.00	6751	Outside	4559.00	
Perforations	23.00			4582.00	
Bullnose	3.00			4585.00	27.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1700 N Waterfront Pkwy
Bldg 300B
Wichita, KS 67206
ATTN: Leah Kasten

8-30S-13W Barber.KS
Lemon #5A
Job Ticket: 64974 **DST#: 3**
Test Start: 2019.06.04 @ 04:35:00

Mud and Cushion Information

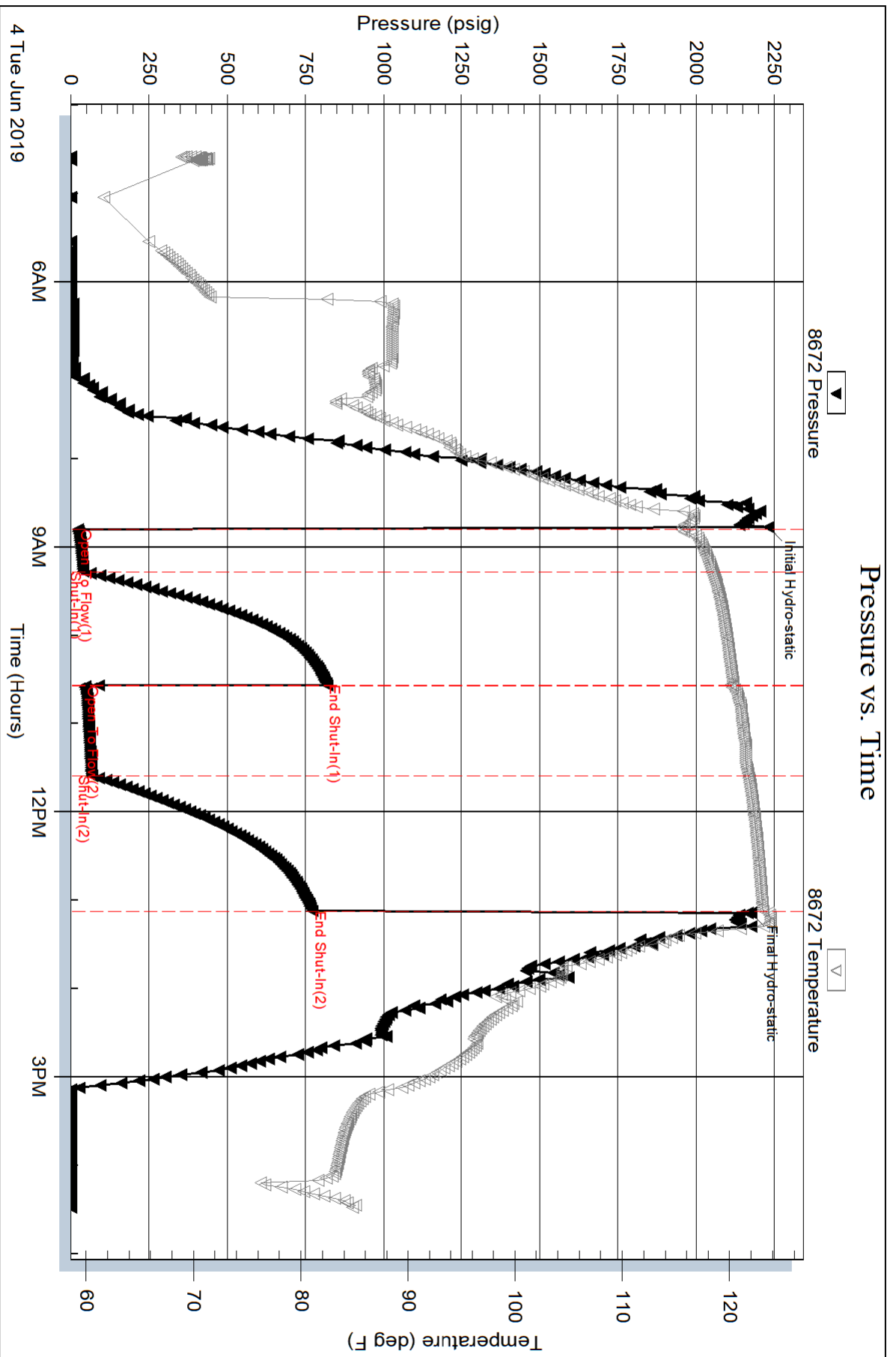
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.02 inches			

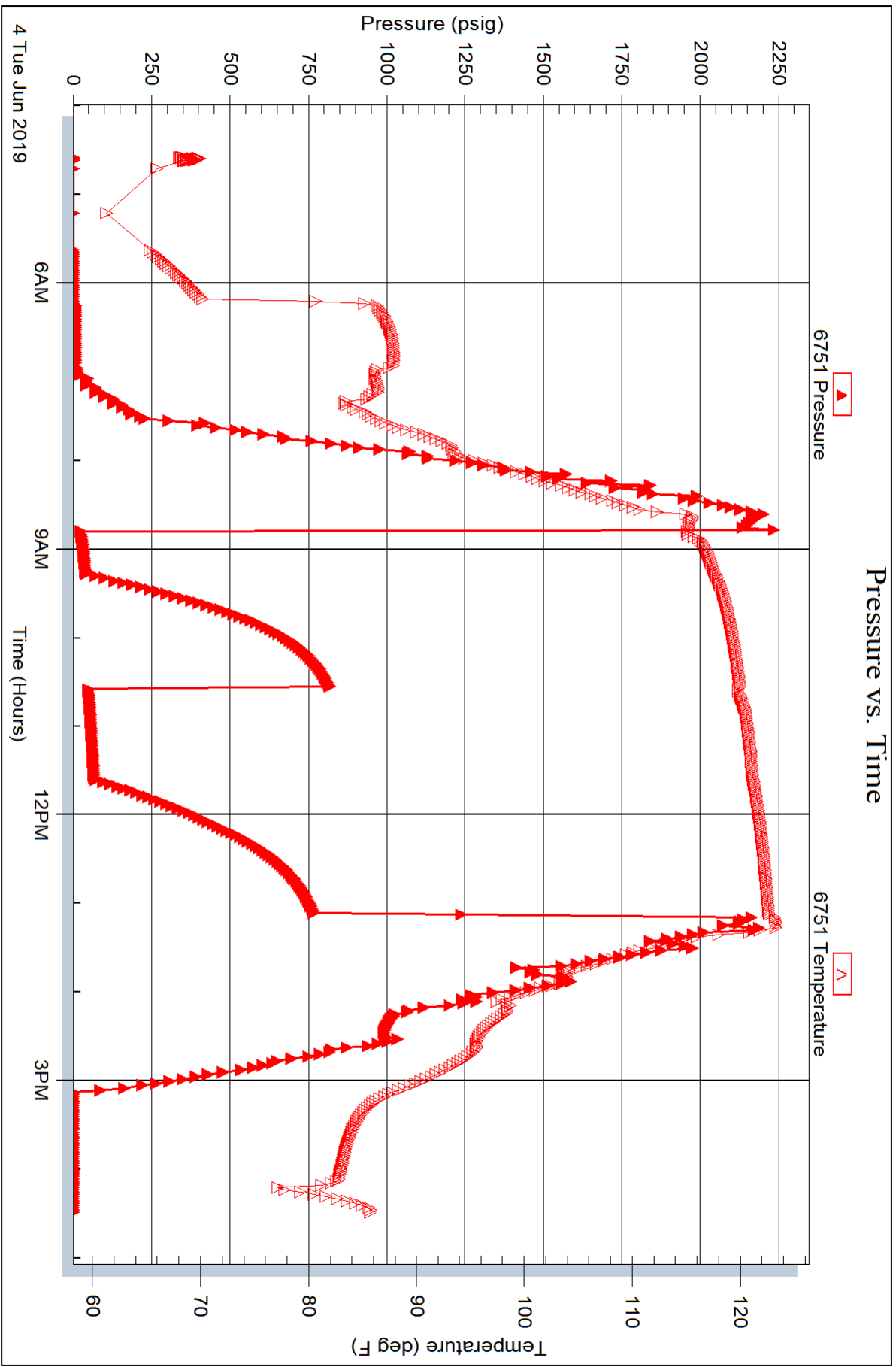
Recovery Information

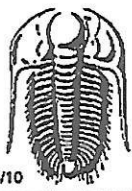
Recovery Table

Length ft	Description	Volume bbl
0.00	1913 GIP	0.000
60.00	GOCM 20%G 20%O 60%M	0.295
50.00	GOCM 10%G 10%O 80%M	0.246

Total Length: 110.00 ft Total Volume: 0.541 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64972

Well Name & No. Lemon A-5 Test No. 1 Date 06/02/19
 Company CMX Inc Elevation 1867 KB 1856 GL
 Address 1700 N. Waterfront Pkwy Bldg 300B Wichita, KS 67206
 Co. Rep/Geo. Leah Kasten Rig Murfin 20
 Location: Sec. 8 Twp 30S Rge. 13W Co. Barber State KS

Interval Tested ~~4439-4448~~ - ~~4448-4457~~ Zone Tested Mississippi Massey
 Anchor Length 4395 - 4448 53 Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth 4390 ~~4448~~ Drill Collars Run 241 Vis 48
 Bottom Packer Depth 4395 ~~4448~~ Wt. Pipe Run 0 WL 8.8
 Total Depth 4418 ~~4448~~ Chlorides 8000 ppm System LCM 2

Blow Description IF: Strong Blow, BOB in 5 minutes, Built to 39 inches
ISI: NO Blow Back
FF: Strong Blow, BOB immediate, Built to 86 inches
FSI: NO Blow Back

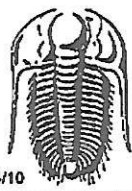
Rec	Feet of	%gas	%oil	%water	%mud
<u>945</u>	<u>GTP</u>				
<u>60</u>	<u>SGCM</u>	<u>5</u>			<u>95</u>
_____	_____	%gas	%oil	%water	%mud
_____	_____	%gas	%oil	%water	%mud
_____	_____	%gas	%oil	%water	%mud

Rec Total 60 BHT 120 Gravity NIC API RW NIC @ NIC F Chlorides NIC ppm
 (A) Initial Hydrostatic 2153 Test 1300 T-On Location 05:30
 (B) First Initial Flow 48 Jars 250 T-Started 07:19
 (C) First Final Flow 52 Safety Joint 75 T-Open 10:54
 (D) Initial Shut-In 654 Circ Sub _____ T-Pulled 14:42
 (E) Second Initial Flow 35 Hourly Standby _____ T-Out 17:46
 (F) Second Final Flow 56 Mileage 40 40 Comments _____
 (G) Final Shut-In 859 Sampler _____
 (H) Final Hydrostatic 2122 Straddle _____

Initial Open 30 Shale Packer _____ EM Tool _____
 Initial Shut-In 60 Extra Packer _____ Ruined Shale Packer _____
 Final Flow 45 Extra Recorder _____ Ruined Packer _____
 Final Shut-In 90 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1665
 Sub Total 1665 MP/DST Disc't _____

Approved By Leah A. Kasten Our Representative _____

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **64973**

Well Name & No. ~~XXXX~~ Lemon A-5 Test No. 2 Date 06/03/19
 Company CMX Inc Elevation 1867 KB 1856 GL
 Address 1700 N. Waterfront Pkwy Bldg 300B Wichita, KS 67206
 Co. Rep / Geo. Leah Kasten Rig Murfin 20
 Location: Sec. 8 Twp 30S Rge. 13W Co. Barber State KS

Interval Tested 4447 - 4490 Zone Tested Mississippi
 Anchor Length 43 Drill Pipe Run 4198 Mud Wt. 9.3
 Top Packer Depth 4442 Drill Collars Run 241 Vis 54
 Bottom Packer Depth 4447 Wt. Pipe Run 0 WL 8.0
 Total Depth 4490 Chlorides 7500 ppm System LCM 2

Blow Description IF: strong blow, BOB in 3 minutes, Built to 127 inches
ISL: NO Blow Back
FF: strong blow, BOB immediate, Built to ¹⁹³ inches
FSL: NO Blow Back

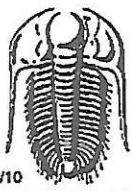
Rec	Feet of	%gas	%oil	%water	%mud
<u>1454</u>	<u>GIP</u>				
<u>65</u>	<u>SGCM</u>	<u>10</u>			<u>90</u>

Rec Total 65 BHT 119 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2118</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>03:30</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>05:15</u>
(C) First Final Flow <u>41</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:13</u>
(D) Initial Shut-In <u>751</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>12:05</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:40</u>
(F) Second Final Flow <u>53</u>	<input checked="" type="checkbox"/> Mileage <u>(40)</u> <u>40</u>	Comments
(G) Final Shut-In <u>736</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2163</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> EM Tool
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	Total <u>1665</u>
	Sub Total <u>1665</u>	MP/DST Disc't

Approved By Leah A. Kasten Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64974

Well Name & No. Lemon A-5 Test No. 3 Date 06/04/19
 Company CMX INC Elevation 1867 KB 1856 GL
 Address 1700 N Waterfront Pkwy Bldg 300B Wichita, KS 67206
 Co. Rep/Geo. Leah Kasten Rig Murfin 20
 Location: Sec. 8 Twp 30S Rge. 13W Co. Barber State KS

Interval Tested 4558 - 4585 Zone Tested Viola
 Anchor Length 27 Drill Pipe Run 4199 Mud Wt. 9.2
 Top Packer Depth 4553 Drill Collars Run 361 Vis 52
 Bottom Packer Depth 4558 Wt. Pipe Run 0 WL 8.0
 Total Depth 4585 Chlorides 7000 ppm System LCM 2

Blow Description IF: Strong Blow, BOB in 5 minutes, Built to 47 inches
FSI: NO Blow Back
IF: Strong Blow, BOB in 30 seconds, Built to 91 inches
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1913</u>	<u>GIP</u>				
<u>50</u>	<u>60 60CM</u>	<u>10</u>	<u>10</u>	<u>80</u>	<u>80</u>
<u>60</u>	<u>60CM</u>	<u>20</u>	<u>20</u>	<u>60</u>	<u>60</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 110 BHT 123 Gravity N/C API RW N/C @ N/C F Chlorides N/C ppm

(A) Initial Hydrostatic	<u>2232</u>	<input checked="" type="checkbox"/> Test	<u>1300</u>	T-On Location	<u>01:00</u>
(B) First Initial Flow	<u>23</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>04:35</u>
(C) First Final Flow	<u>41</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>08:47</u>
(D) Initial Shut-In	<u>819</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>13:07</u>
(E) Second Initial Flow	<u>45</u>	<input checked="" type="checkbox"/> Hourly Standby	<u>5.5h 550</u>	T-Out	<u>16:28</u>
(F) Second Final Flow	<u>67</u>	<input checked="" type="checkbox"/> Mileage	<u>40</u>	Comments	<u>crew waited on weather, Rig Broke Down</u>
(G) Final Shut-In	<u>771</u>	<input type="checkbox"/> Sampler		<input type="checkbox"/> EM Tool	
(H) Final Hydrostatic	<u>2175</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open 30
 Initial Shut-In 75
 Final Flow 60
 Final Shut-In 90

Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 2215

Ruined Packer
 Extra Copies
 Sub Total 0
 Total 2215
 MP/DST Disc't

Approved By [Signature]

Our Representative [Signature]

TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	05/28/2019
INVOICE NUMBER			
92977870			

Pratt (620) 672-1201
 B CMX INC
 1700 N WATERFRONT PKWY BLDG 300 STE B
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Lemon A 5
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41176440	19572		Net - 30 days	06/27/2019

For Service Dates: 05/24/2019 to 05/24/2019

0041176440

171819514L Cement New Well Casing/Pi 05/24/2019
 CEMENT SURFACE CASING

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
235 SK Premium Plus Cement	1.00	SK	2,107.95	2,107.95 T
450 LBS Calcium Chloride	1.00	LB	261.00	261.00 T
59 LBS Celloflake	1.00	LB	120.36	120.36 T
50 Light Vehicle Mileage	1.00	MI	124.00	124.00
100 Heavy Equipment Mileage	1.00	MI	413.00	413.00
Proppant and Bulk Delivery Charges	1.00	MI	763.14	763.14
Depth Charge, 0'-1000'	1.00	HR	550.00	550.00
Blending & Mixing Service Charge	235.00	SK	0.77	180.95
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	2.00	EA	35.00	70.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,665.40
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	186.70
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,852.10
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



Liberal Yard #1717 Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer:	CMX INC	Cement Pump No.:	37712 19572 24HRS	Operator TRK No.:	94245
Address:		Ticket #:	1718 19514 L	Bulk TRK No.:	14354 19808 Sam 14354 19808
City, State, Zip:		Job Type:	Z41- Cement Surface Casing		
Service District:	1718-Liberal KS	Well Type:	OIL		
Well Name and No.:	Lemon A#5	Well Location:	8,30,13	County:	Barber
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
Common Cement	235	3% Calcium Chloride, +1/4pps Cello-flake	14354 19808 Sam	Front	Back
			14354 19808	Front	Back
				Front	Back

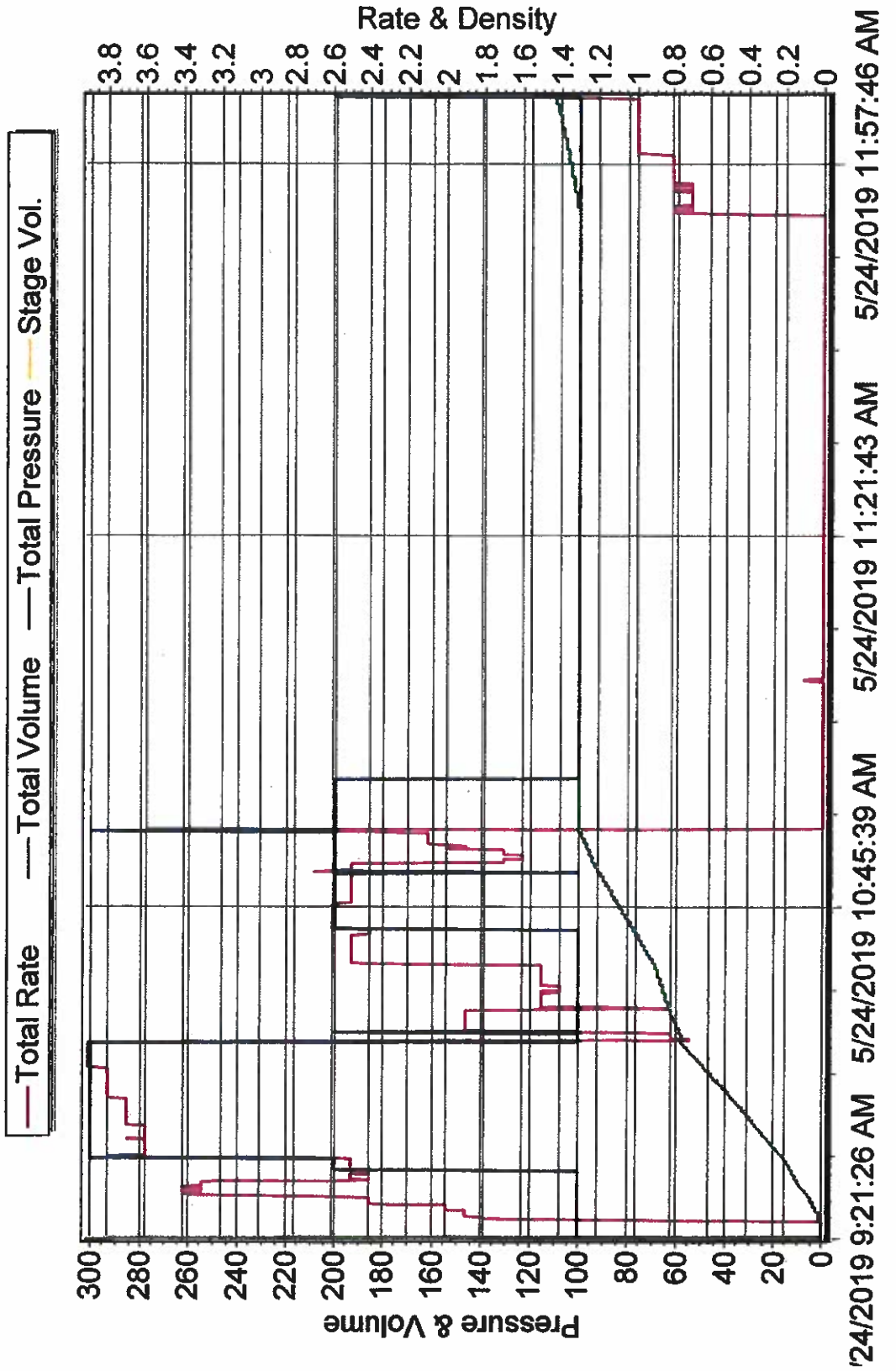
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	15	1.3	6.03	305.5	TT Man Hours:	75
Tail:					# of Men on Job:	3

Time (am/pm)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
		T	C	Tubing	Casing	
21:00pm						Arrived at location
8:00am						Spot trucks/Rig up
9:45am						Safety meeting
10:15am	2.5	10			zero	Pump 10bbls of fresh water spacer
10:18am	2.5	54			zero	Pump 54bbls of cement from 235sks at 15lbs
						Shut down/Wash pump and lines
10:35am						Start Displacement
10:41am	1.5	10			zero	10bbls gone
10:45am	1.5	20			zero	20bbls gone
10:50am	1.5	30			10	30bbls gone
10:52am	2	34			20	34bbls gone/Shut down
						Close valve on swedge
						Got 0bbls of cement to Surface
11:53am	1	5			zero	Top of with 5bbls of cement
						cement to surface
						Rig down
						Job completed
						Thanked company man and rig crew

Size Hole	17 1/2	Depth	245		TYPE	n/a	
Size & Wt. Csg.	13 3/8 48#	Depth	242	New / Used	Packer	Depth	
Shoe Joint	20	Depth	222		Retainer	Depth	
Top Plugs		Type			Perfs	CIBP	

Customer Signature: <i>[Signature]</i>	Basic Representative: Victor A. Corona
	Basic Signature: <i>[Signature]</i>
	Date of Service: 5/24/2019

CMX Inc
13 3/8 Surface
Lemon #A-5
5/24/2019





PAGE 1 of 1	CUST NO 1000793	YARD # 1718	INVOICE DATE 05/28/2019
INVOICE NUMBER 92977883			

Pratt (620) 672-1201
 B CMX INC
 I 1700 N WATERFRONT PKWY BLDG 300 STE B
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Lemon A 5
 O LOCATION
 B COUNTY Barber
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41176465	27463		Net - 30 days	06/27/2019

For Service Dates: 05/26/2019 to 05/26/2019

0041176465

171817917A Cement New Well Casing/Pi 05/26/2019
 INTERMEDIATE CASING

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
A-Con Blend	300.00	EA	18.50	5,550.00 T
150 SK Class A Cement	1.00	SK	1,290.38	1,290.38 T
Calcium Chloride	1,269.00	LB	0.37	469.53 T
Celloflake	113.00	LB	1.48	167.24 T
Light Vehicle Mileage	50.00	MI	1.85	92.50
Heavy Equipment Mileage	150.00	MI	2.96	444.00
Blending & Mixing Service Charge	1.00	SK	233.10	233.10
Depth Charge, 0'-1000'	1.00	HR	444.00	444.00
Plug Container Utilization Charge	1.00	EA	92.50	92.50
Guide Shoe - Regular, 8 5/8" (Blue)	1.00	EA	148.20	148.20
Flapper Type Insert Float Valves. 8 5/8"	1.00	EA	109.20	109.20
Top Rubber Cement Plug 8 5/8"	1.00	EA	87.75	87.75
Centralizer, 3 5/8" (Blue)	3.00	EA	35.10	105.30
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	3.00	EA	35.00	105.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,413.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	560.79
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	9,974.49
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 17917 A

DATE _____ TICKET NO. _____

Total Man Hours 44 #1718

DATE OF JOB: 5-26-2019	DISTRICT: Pratt, KS.	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:		
CUSTOMER: CMX, INC.	LEASE: Lemon	A-5		WELL NO.					
ADDRESS:	COUNTY: Barber	STATE: KS							
CITY:	STATE:	SERVICE CREW: Carl B, Ron C, Justin W, Riley D.							
AUTHORIZED BY:	JOB TYPE: Surface Z-42								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
27463	1						5-26-19	PM	3:00
19862	.75					ARRIVED AT JOB		AM	5:30
19918	.75					START OPERATION		AM	11:20
						FINISH OPERATION		PM	12:20
						RELEASED		AM	1:00 PM
						MILES FROM STATION TO WELL	50		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Dreg Cordner*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
BC 118	A-CON Blend	SK	360		15000 -
BC 100	Class A Cement	SK	150		3487 50
CC 109	Calcium chloride	lb	1269		1269 -
CC 102	Celloflake	lb	113		452 -
ME 101	light vehicle Mileage	MI	50		250 -
ME 102	heavy equipment Mileage	MI	150		1200 -
CE 240	Blending + mixing service charge	SK	450		630 -
CC 1	Depth charge 0-1000'	hr	1		1200 -
CE 504	Plug Contactor Utilization charge	ea	1		250 -
CF 253	8 3/8 Blue Reg Guide shoe	ea	1		380 -
CF 1453	FR Flapper type insert	ea	1		280 -
CF 105	T.R.P 8 3/8	ea	1		225 -
CF 1753	Controlizers (Blue)	ea	3		270 -
BE 143	Supervisor charge	ea	1		75 -
BE 144	Driver charge	ea	3		105 -

SUB TOTAL 25073 50

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL 9413 70

SERVICE REPRESENTATIVE: <i>Carl Beldy</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Dreg Cordner</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>PILLX I.C.</i>	Lease No.	Date <i>5-26-2019</i>	
Lease <i>Leitch</i>	Well # <i>A-5</i>		
Field Order #	Station <i>Pratt, KS #1718</i>	Casing <i>8 7/8</i>	Depth <i>1021</i>
Type Job <i>Surface</i>	Formation	County <i>Barber</i>	State <i>KS</i>
		Legal Description <i>8-30S-13W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5-7/8</i>								
Depth <i>1129</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>62.511</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>A-1-102</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>991.79</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager <i>Justin [unclear]</i>	Treater <i>Carl [unclear]</i>
-------------------------	--	----------------------------------

Service Units	<i>27483</i>	<i>19889</i>	<i>19812</i>	<i>19959</i>	<i>19918</i>				
Driver Names	<i>Roy Pilsky</i>	<i>Justin</i>	<i>William</i>	<i>Ruby</i>	<i>Carlene</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					Rig up
<i>11:10</i>					Run 1029' @ 5 7/8" casing w/ hydrogel Drop ball to insert valve
					Break connection w/ pig
					Rig up to cement
<i>11:19</i>					start Frack water
<i>11:20</i>	<i>100</i>		<i>113</i>	<i>4.5</i>	mix 300 sv lead cement A-con fluid
<i>11:45</i>	<i>100</i>		<i>35</i>		mix 150 sv tail cement B-con + acid
					Cement in stop pumps
					switch valves + release plug
<i>12:00</i>	<i>50</i>		<i>10</i>	<i>2</i>	start Displacement
	<i>50</i>		<i>25</i>	<i>3.5</i>	25 bbls out - steady A-l + Pressure
	<i>150</i>		<i>35</i>	<i>3.5</i>	35 bbls out see cement returns
					Circulate 75 sv to Pit
	<i>400</i>		<i>60</i>	<i>2.5</i>	60 bbls out slow rate
<i>12:20</i>	<i>900</i>		<i>63</i>	<i>2.5</i>	63 bbls out laid plug
					Release pressure + float 11/16



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	06/07/2019
INVOICE NUMBER			
92985423			

Pratt (620) 672-1201
 B CMX INC
 1700 N WATERFRONT PKWY BLDG 300 STE B
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME LEMON A-5
 O B LOCATION
 B COUNTY BARBER
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41178174	86779		Net - 30 days	07/07/2019

For Service Dates: 06/06/2019 to 06/06/2019

0041178174

171817920A Cement-New Well Casing/Pi 06/06/2019
 5 1/2" PRODUCTION CASING

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
AA2 Premium Cement	145.00	SK	9.69	1,405.05 T
60/40 Poz	50.00	SK	16.20	810.00 T
Gypsum	685.00	LB	0.51	349.35 T
803 LBS Salt	1.00	LB	204.77	204.77 T
Gilsonite	725.00	LB	0.51	369.75 T
Celloflake	37.00	LB	2.04	75.48 T
C-17	110.00	LB	12.24	1,346.40 T
C-41P	69.00	LB	2.04	140.76 T
86 LBS Cement Gel	1.00	LB	21.93	21.93 T
500 GALS Mud Flush	1.00	GAL	382.50	382.50 T
Light Vehicle Mileage	50.00	MI	2.55	127.50
Heavy Equipment Mileage	100.00	MI	4.08	408.00
Plug Container Utilization Charge	1.00	EA	127.50	127.50
Depth Charge, 4001'-5000'	1.00	HR	1,275.00	1,275.00
Blending & Mixing Service Charge	1.00	SK	139.23	139.23
Auto Fill Float Shoe 5 1/2" (Blue)	1.00	EA	183.60	183.60
Latch Down Plug & Baffle, 5 1/2" (Blue)	1.00	EA	204.00	204.00
Turbolizer, 5 1/2" (Blue)	8.00	EA	56.10	448.80
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	2.00	EA	35.00	70.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	8,164.62
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	382.95
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	8,547.57
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 17920 A

DATE _____ TICKET NO. _____

DATE OF JOB <i>06-06-19</i>		DISTRICT <i>Pratt, KS. #1718</i>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/>		PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/>		CUSTOMER ORDER NO.:	
CUSTOMER <i>CMX, INC</i>				LEASE <i>Lemon</i>		<i>A5</i>		WELL NO.	
ADDRESS				COUNTY <i>Barber</i>		STATE <i>Kansas</i>			
CITY				STATE		SERVICE CREW <i>Carl B. Mike M. Jose D</i>			
AUTHORIZED BY				JOB TYPE: <i>5% Production 2-42</i>					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED <i>06-05-19</i> DATE <i>06-05-19</i> TIME <i>8:00</i>			
<i>86779</i>	<i>1</i>					ARRIVED AT JOB <i>6-05-19</i> TIME <i>3:30</i>			
<i>21010</i>	<i>.50</i>					START OPERATION <i>6-6-19</i> TIME <i>3:00</i>			
						FINISH OPERATION <i>6-6-19</i> TIME <i>4:10</i>			
						RELEASED <i>6-6-19</i> TIME <i>5:00</i>			
						MILES FROM STATION TO WELL <i>50</i>			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Kurt Burt*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
BC 145	AA2 Premium Cement	SX	145		2735
CC 132	60/40 Poz	SX	50		1350
CC 113	Gypsum	lb	685		685
CC 111	Salt	lb	803		401.50
CC 201	Gilsonite	lb	725		725
CC 102	Cello-flake	lb	37		148
CC 187	C-17	lb	110		2640
CC 105	C-41P	lb	69		276
CC 200	Cement Gel	lb	86		43
CC 151	Mud Flush	Gal	500		750
ME 101	Light vehicle mileage	Mi	50		250
ME 102	Heavy equipment mileage	Mi	100		800
CF 504	Plug container utilization charge	ea	1		250
CC 5	Death Charge 4001-5000	HR	1		2500
CE 240	Blending + Mixing Charge	SX	195		273
CF 1251	Auto fill float shoe	ea	1		360
CF 607	Latch down Plug + Baffle	ea	1		400
CF 1051	Turbolizers	ea	8		880
BE 143	Service supervisor charge	ea	1		75
BE 144	Driver charge	ea	2		70
SUB TOTAL					15,631.50

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<i>JWB 8164 62</i>

SERVICE REPRESENTATIVE <i>Carl Burt</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>Kurt Burt</i>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>CMX INC</i>	Lease No.	Date <i>6-6-2019</i>	
Lease <i>Lemon</i>	Well # <i>A-5</i>		
Field Order #	Station <i>Pratt, KS. 1718</i>	Casing	Depth
Type Job <i>5 1/2 Production</i>	Formation	County <i>Lincoln</i>	State <i>KS.</i>
		Legal Description <i>8-30S-13W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>5 1/2</i>							
Depth <i>4668</i>	Depth	From	To	Pre Pad	Max		5 Min.
Volume <i>70 Bbls</i>	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <i>H-11</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <i>4626</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <i>Keith Knight</i>	Station Manager <i>Justin Abrahamson</i>	Treater <i>Carl Bickling</i>
Service Units <i>77686 86779 50959 21010</i>		
Driver Names <i>Mike Michael Jose Diaz</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>3:00 AM</i>					<i>on location 6-5-19 - 3:00 pm</i>
					<i>Rig up</i>
					<i>Run 4618' 5 1/2 casing</i>
<i>1:00 AM</i>					<i>Pipe on bottom 1:00 AM 6-6-19</i>
					<i>Break circulation with Rig / Drop ball</i>
					<i>circulate for 1 hour</i>
					<i>Rig up to cement</i>
			<i>13</i>	<i>13</i>	<i>Plug RT + increase hole w/ 50 sx 40:40:02</i>
<i>AM</i>			<i>12</i>	<i>13</i>	<i>@ casing Pump 500 Gal min flush</i>
<i>3:00</i>	<i>100</i>		<i>39.75</i>	<i>3</i>	<i>Mix + pump 145 sx AA2 + additives</i>
					<i>wash pump + lines clean</i>
					<i>Release plug</i>
	<i>120</i>			<i>5</i>	<i>start Displacement</i>
	<i>120</i>			<i>5</i>	<i>steady rate - pressure</i>
	<i>120</i>			<i>5</i>	<i>cement turn < box</i>
	<i>120</i>			<i>4</i>	<i>slow rate</i>
	<i>325</i>		<i>80</i>	<i>4</i>	<i>see lift pressure</i>
	<i>675</i>		<i>105</i>	<i>3</i>	<i>slow rate @ 105 bbls out</i>
<i>4:10 AM</i>	<i>1500</i>		<i>110</i>	<i>3</i>	<i>land plug @ 110 bbls out</i>
					<i>Release pressure + float held</i>



PAGE 1 of 1	CUST NO 1000793	YARD # 1718	INVOICE DATE 06/25/2019
INVOICE NUMBER 92998083			

Pratt (620) 672-1201
 B CMX INC
 I 1700 N WATERFRONT PKWY BLDG 300 STE B
 L WICHITA
 L KS US 67206
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME LEMON A-5
 O LOCATION
 B COUNTY BARBER
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41180678	19843		Net - 30 days	07/25/2019

For Service Dates: 06/24/2019 to 06/24/2019

0041180678

171017874A Cement New Well Casing/Pi 06/24/2019

SQUEEZE

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
100 Class A Cement	1.00	SK	1,278.75	1,278.75 T
C-41P	24.00	LB	2.20	52.80 T
C-19	24.00	LB	10.45	250.80 T
Light Vehicle Mileage	15.00	MI	2.75	41.25
Heavy Equipment Mileage	30.00	MI	4.40	132.00
Blending & Mixing Service Charge	100.00	SK	0.77	77.00
Depth Charge, 4001'-5000'	1.00	HR	1,375.00	1,375.00
Cement Squeeze Manifold	1.00	EA	275.00	275.00
Service Supervisor Charge	1.00	EA	75.00	75.00
Driver Charge	3.00	EA	35.00	105.00

PLEASE REMIT TO:

SEND OTHER CORRESPONDENCE TO:

BASIC ENERGY SERVICES, LP
 PO BOX 841903
 DALLAS, TX 75284-1903

BASIC ENERGY SERVICES, LP
 801 CHERRY ST, STE 2100
 FORT WORTH, TX 76102

SUB TOTAL	3,662.60
TAX	118.68
INVOICE TOTAL	3,781.28



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

8-305-13W

FIELD SERVICE TICKET
1718 17874 A

DATE _____ TICKET NO. _____

DATE OF JOB: 6/24/2019	DISTRICT: Pratt, KS	NEW WELL <input checked="" type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER: CMX	LEASE: Lemon	WELL NO. AS								
ADDRESS:	COUNTY: Barber	STATE: KS								
CITY:	STATE:	SERVICE CREW: Darrin Brerr, Dize								
AUTHORIZED BY:	JOB TYPE: 242/Squeeze									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
19843	1 3/4					ARRIVED AT JOB	6/24		AM	8:30
21010	1/2					START OPERATION	6/24		AM	11:30
						FINISH OPERATION	6/24		AM	1:15
						RELEASED	6/24		AM	1:45
						MILES FROM STATION TO WELL				18

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *[Signature]*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
BC100	C1955 A Cement	SK	100		2,325 00
CC105	C-41P	LB	24		96 00
CC148	C-19	LB	24		456 00
ME101	Light Vehicle Mileage	MI	15		75 00
ME102	Heavy Equipment Mileage	MI	30		240 00
CE240	Blending & Mixing Service Charge	SK	100		140 00
CC5	Reprn Charge; 4,001 - 5,000	HR	1		2,500 00
CE500	Cement Squeeze Manifold	EA	1		500 00
BE143	Service Supervisor Charge	EA	1		75 00
BE144	Driver Charge	EA	3		105 00

SUB TOTAL 6,512 00

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
D. Discounted TOTAL		JWW 3662 60

SERVICE REPRESENTATIVE: *[Signature]*
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

Customer cmx	Lease No.	Date 6/24/2019
Lease Lemen	Well # A5	
Field Order # 17874	Station P09+0.103	Casing
Type Job 242/SQU0022	Depth	County Berhar
	Formation	State KS
		Legal Description 8.305-134

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
3 1/2	2 7/8							
Depth 22	Depth 4539	From	To	Pre Pad	Max		5 Min.	
Volume 1/2	Volume 26.2	From	To	Pad	Min		10 Min.	
Max Press	Max Press 2000	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol. 71	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth 4539	From	To	Flush water	Gas Volume		Total Load	

Customer Representative K. Keith	Station Manager Justin Westerman	Treater Darin Franklin
Service Units 92911 78982 19843 70959 21010		
Driver Names Darin Brett Brett D. S2 P. S2		

Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
8:30am					on location / safety meeting
					50 SK common cement, 3% fluid loss
					• 5% Defosmer, 15.6 pps, 1 1/8 water, 5.18 wsh
					50 SK common cement
					15.6 pps, 1 1/8 water, 5.18 wsh
11:30pm	300		19	4	LOGGING Casing
		600	10	2	Injection Rate
		400	10.5	2	mix 50SK common, 1% Defosmer
		400	10.5	2	mix 50SK common
		400	0	2	Displace
		800	12	2	
		900	15	1 1/2	
		1350	20	1/2	
		2000	22 1/2	1/2	Shut down
					Bleed off - Heide
					String out
	400		35	2	Reverse out
					Shut down
1:15pm					Job Complete / Darin & crew
					Thank you!!