

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) (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	SCHERTZ TRUST UNIT 1-25
Doc ID	1530755

All Electric Logs Run

DIL
DCL
Micro
Sonic

FRANKS Oilfield Service, LLC

815 Main Street
Victoria, KS 67671

Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Email: franksoilfield@yahoo.com

Invoice

Date	Invoice #
9/8/2020	0204

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

Bill To
CMX Inc. 9330 E. Central, Suite 300 Wichita, KS 67206

County/State	Lease/Well#	Terms	Job Type
Logan/Kansas	Schertz Trust Unit #...	Net 30	Surface

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	25	6.50	162.50
Ton Mileage (min.)	1	600.00	600.00
Surface Blend	180	24.50	4,410.00T
40% Discount		-2,529.00	-2,529.00

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

Subtotal \$3,793.50

We appreciate your business and look forward to serving you again!

Sales Tax (8.0%) \$211.68

Balance Due \$4,005.18

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0
 LOCATION Hoxie KS
 FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9/8/20		Schultz trust unit 1-25	25	12 S	35 N	Logan

CUSTOMER CM&
 MAILING ADDRESS
9330 E Central Suite 300
 CITY W. Hite STATE KS ZIP CODE 67206

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Miles		
102	Seikt		

JOB TYPE Surface HOLE SIZE 12.25" HOLE DEPTH 306' CASING SIZE & WEIGHT 8 5/8" 29#
 CASING DEPTH 306' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 18.25 bbl/s DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & this upon Duke drilling Rig #2 circulate casing
Mix 180sx Class A with 38 cc 28 gal displacer 18.25 bbl/s water shut in
Cement did Circulate

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC 002	1	PUMP CHARGE	1150.00	1150.00
M001	25	MILEAGE	6.50	162.50
M003	Tons 8.55	Ton miles as deliv on	160.00	160.00
CB004	180 SX	Class A 38cc 28 gal	24.50	4410.00
			Subtotal	6322.50
			less 406 disc	2529.00
			Subtotal	3793.50
			SALES TAX	211.68
			ESTIMATED TOTAL	4005.18

AUTHORIZATION Dion Varquez TITLE Toolpusher DATE 9-8-2020

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

9330 E Central STE 300
Wichita KS 67206

ATTN: Leah Kasten

Schertz Trust #1-25

12-12s-35w Logan,KS

Start Date: 2020.09.15 @ 15:56:00

End Date: 2020.09.15 @ 23:41:00

Job Ticket #: 66669 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.09.22 @ 08:28:25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

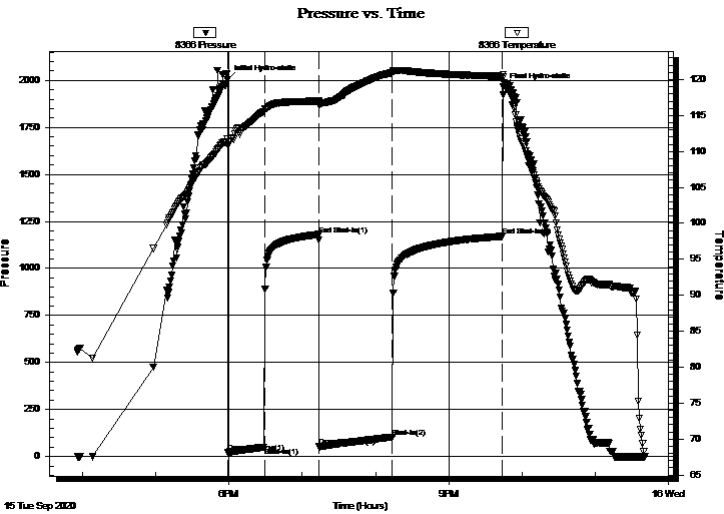
12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66669 **DST#: 1**
Test Start: 2020.09.15 @ 15:56:00

GENERAL INFORMATION:

Formation: **LKC " B "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 17:59:00 Tester: Ryan Nichols
Time Test Ended: 23:41:00 Unit No: 71
Interval: 4120.00 ft (KB) To 4144.00 ft (KB) (TVD) Reference Elevations: 3320.00 ft (KB)
Total Depth: 4144.00 ft (KB) (TVD) 3312.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8366 Outside
Press@RunDepth: 103.75 psig @ 4121.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2020.09.15 End Date: 2020.09.15 Last Calib.: 2020.09.15
Start Time: 15:56:01 End Time: 23:41:00 Time On Btm: 2020.09.15 @ 17:58:50
Time Off Btm: 2020.09.15 @ 21:44:20

TEST COMMENT: 30 IF - Surface blow built to 5 1/2"
45 ISI - No return
60 FF - Surface blow built to 9 1/2"
90 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.44	111.69	Initial Hydro-static
1	22.95	110.86	Open To Flow (1)
30	51.11	115.58	Shut-In(1)
75	1180.45	117.01	End Shut-In(1)
75	51.82	116.45	Open To Flow (2)
135	103.75	120.94	Shut-In(2)
225	1170.48	120.45	End Shut-In(2)
226	1964.24	120.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	WCM - 40%W - 60%M	0.88
63.00	MCW - 5%M - 95%W	0.88
69.00	MCW - 40%M - 60%W	0.97

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

CMX Inc.
 9330 E Central STE 300
 Wichita KS 67206
 ATTN: Leah Kasten

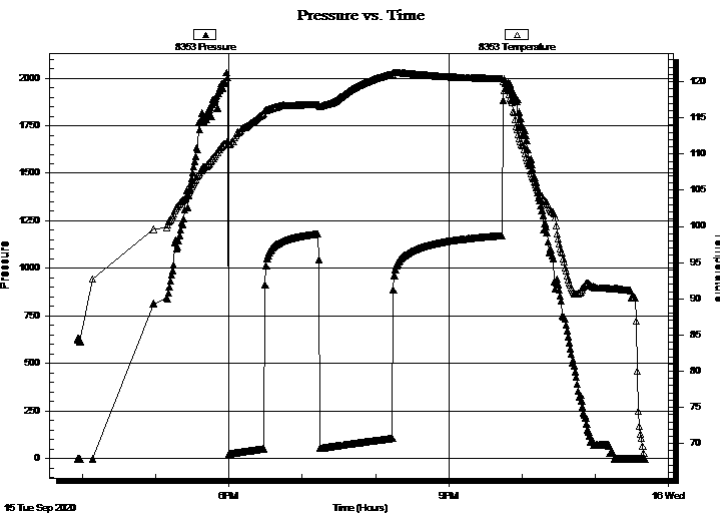
12-12s-35w Logan,KS
Schertz Trust #1-25
 Job Ticket: 66669 **DST#: 1**
 Test Start: 2020.09.15 @ 15:56:00

GENERAL INFORMATION:

Formation: **LKC " B "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:59:00 Tester: Ryan Nichols
 Time Test Ended: 23:41:00 Unit No: 71
Interval: 4120.00 ft (KB) To 4144.00 ft (KB) (TVD)
 Reference Elevations: 3320.00 ft (KB)
 Total Depth: 4144.00 ft (KB) (TVD) 3312.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

Serial #: 8353 Inside
 Press@RunDepth: psig @ 4121.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.15 End Date: 2020.09.15 Last Calib.: 2020.09.15
 Start Time: 15:56:01 End Time: 23:41:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 IF - Surface blow built to 5 1/2"
 45 ISI - No return
 60 FF - Surface blow built to 9 1/2"
 90 FSI - No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
63.00	WCM - 40%W - 60%M	0.88
63.00	MCW - 5%M - 95%W	0.88
69.00	MCW - 40%M - 60%W	0.97

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66669 **DST#: 1**
Test Start: 2020.09.15 @ 15:56:00

Tool Information

Drill Pipe:	Length: 4099.00 ft	Diameter: 3.80 inches	Volume: 57.50 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4120.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	55.00 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			4094.00	
Hydraulic tool	5.00			4099.00	
Jars	5.00			4104.00	
Gap Sub	3.00			4107.00	
Safety Joint	3.00			4110.00	
Packer	5.00			4115.00	31.00 Bottom Of Top Packer
Packer	5.00			4120.00	
Stubb	1.00			4121.00	
Recorder	0.00	8353	Inside	4121.00	
Recorder	0.00	8366	Outside	4121.00	
Perforations	20.00			4141.00	
Bullnose	3.00			4144.00	24.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66669 **DST#: 1**
Test Start: 2020.09.15 @ 15:56:00

Mud and Cushion Information

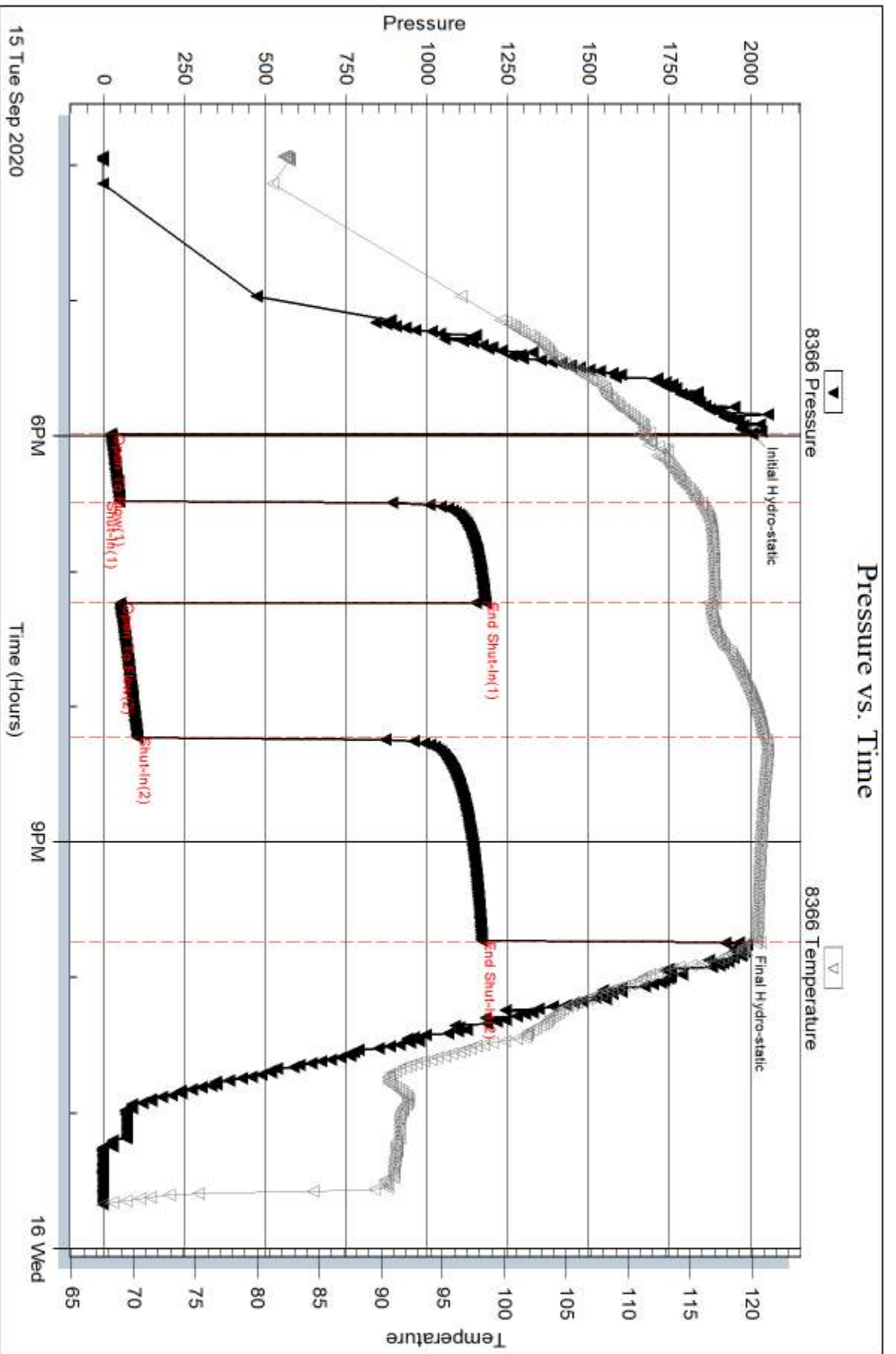
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	WCM - 40%W - 60%M	0.884
63.00	MCW - 5%M - 95%W	0.884
69.00	MCW - 40%M - 60%W	0.968

Total Length: 195.00 ft Total Volume: 2.736 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



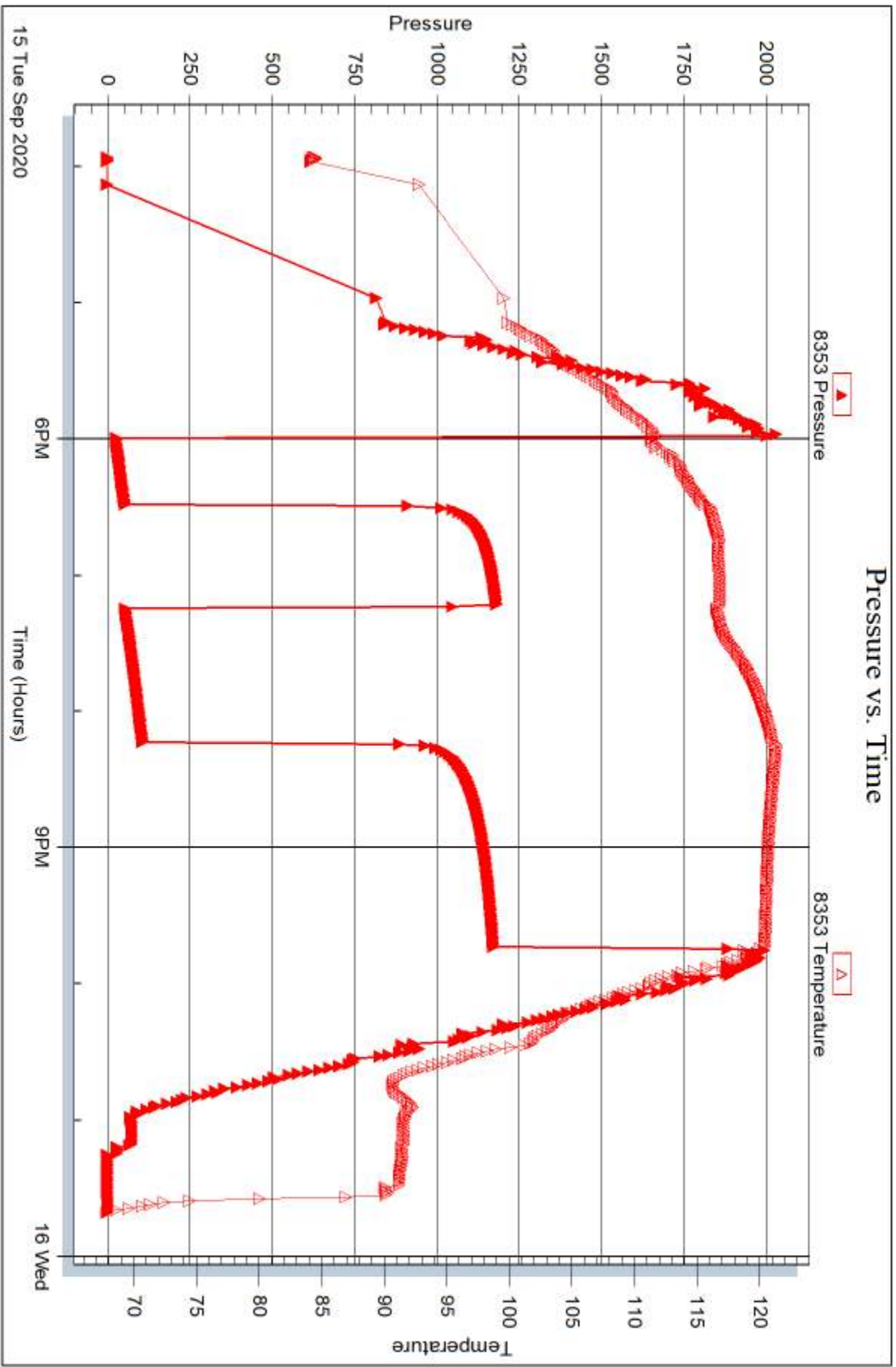
Serial #: 8353

Inside

CMX Inc.

Scherz Trust #1-25

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 66669

Printed: 2020.09.22 @ 08:28:26



DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

9330 E Central STE 300
Wichita KS 67206

ATTN: Leah Kasten

Schertz Trust #1-25

12-12s-35w Logan,KS

Start Date: 2020.09.16 @ 12:17:00

End Date: 2020.09.16 @ 19:11:20

Job Ticket #: 66670 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.09.22 @ 08:27:33



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66670 **DST#: 2**
Test Start: 2020.09.16 @ 12:17:00

GENERAL INFORMATION:

Formation: **LKC " D - F "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 14:21:00 Tester: Ryan Nichols
Time Test Ended: 19:11:20 Unit No: 71
Interval: 4171.00 ft (KB) To 4209.00 ft (KB) (TVD) Reference Elevations: 3320.00 ft (KB)
Total Depth: 4209.00 ft (KB) (TVD) 3312.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 8.00 ft

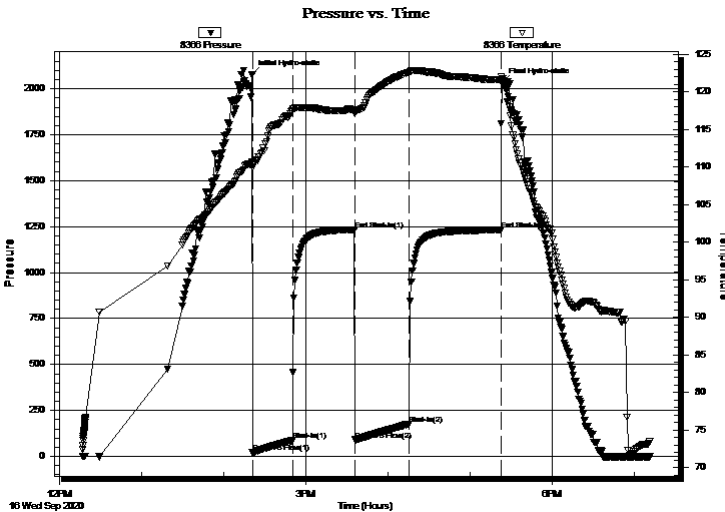
Serial #: 8366

Outside

Press@RunDepth: 175.50 psig @ 4172.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2020.09.16 End Date: 2020.09.16 Last Calib.: 2020.09.16
Start Time: 12:17:01 End Time: 19:11:20 Time On Btm: 2020.09.16 @ 14:20:50
Time Off Btm: 2020.09.16 @ 17:23:30

TEST COMMENT: 30 IF - Surface blow built to BoB @ 25 mins
45 ISI - No return
45 FF - Surface blow built to BoB @ 27 mins
60 FSI - No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2076.36	110.68	Initial Hydro-static
1	20.00	109.84	Open To Flow (1)
30	86.51	117.49	Shut-In(1)
75	1233.52	117.56	End Shut-In(1)
76	90.16	117.08	Open To Flow (2)
115	175.50	122.54	Shut-In(2)
182	1231.96	121.56	End Shut-In(2)
183	2034.60	121.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	MCW - 45%M - 55%W	0.88
189.00	MCW - 10%M - 90%W	2.65
63.00	MCW - 50%M - 50%W	0.88
45.00	WCM - 30%W - 70%M	0.63

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66670 **DST#: 2**
Test Start: 2020.09.16 @ 12:17:00

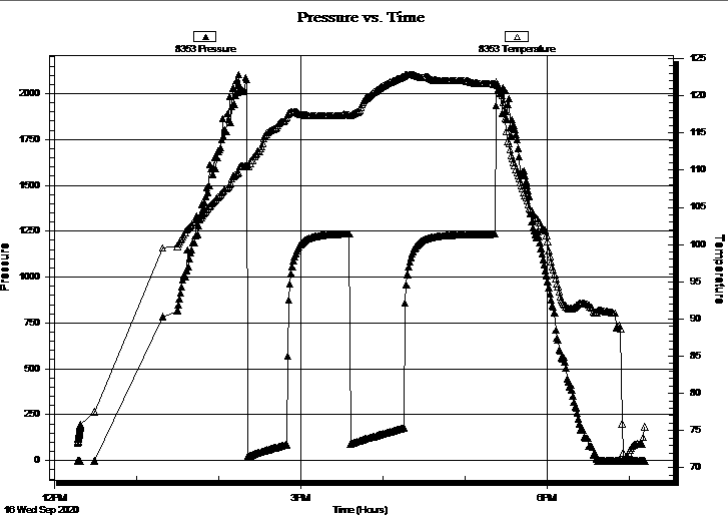
GENERAL INFORMATION:

Formation: LKC " D - F "		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock:	ft (KB)	Tester: Ryan Nichols
Time Tool Opened: 14:21:00		Unit No: 71
Time Test Ended: 19:11:20		
Interval: 4171.00 ft (KB) To 4209.00 ft (KB) (TVD)		Reference Elevations: 3320.00 ft (KB)
Total Depth: 4209.00 ft (KB) (TVD)		3312.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 8.00 ft

Serial #: 8353 Inside

Press@RunDepth: psig @ 4172.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2020.09.16 End Date: 2020.09.16	Last Calib.: 2020.09.16
Start Time: 12:17:01 End Time: 19:11:20	Time On Btm:
	Time Off Btm:

TEST COMMENT: 30 IF - Surface blow built to BoB @ 25 mins
45 ISI - No return
45 FF - Surface blow built to BoB @ 27 mins
60 FSI - No return



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

Recovery		
Length (ft)	Description	Volume (bbl)
63.00	MCW - 45%M - 55%W	0.88
189.00	MCW - 10%M - 90%W	2.65
63.00	MCW - 50%M - 50%W	0.88
45.00	WCM - 30%W - 70%M	0.63

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66670 **DST#: 2**
Test Start: 2020.09.16 @ 12:17:00

Tool Information

Drill Pipe:	Length: 4162.00 ft	Diameter: 3.80 inches	Volume: 58.38 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 58.38 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial	56000.00 lb
Depth to Top Packer:	4171.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	38.00 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			4145.00	
Hydraulic tool	5.00			4150.00	
Jars	5.00			4155.00	
Gap Sub	3.00			4158.00	
Safety Joint	3.00			4161.00	
Packer	5.00			4166.00	31.00 Bottom Of Top Packer
Packer	5.00			4171.00	
Stubb	1.00			4172.00	
Recorder	0.00	8353	Inside	4172.00	
Recorder	0.00	8366	Outside	4172.00	
Perforations	34.00			4206.00	
Bullnose	3.00			4209.00	38.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66670 **DST#: 2**
Test Start: 2020.09.16 @ 12:17:00

Mud and Cushion Information

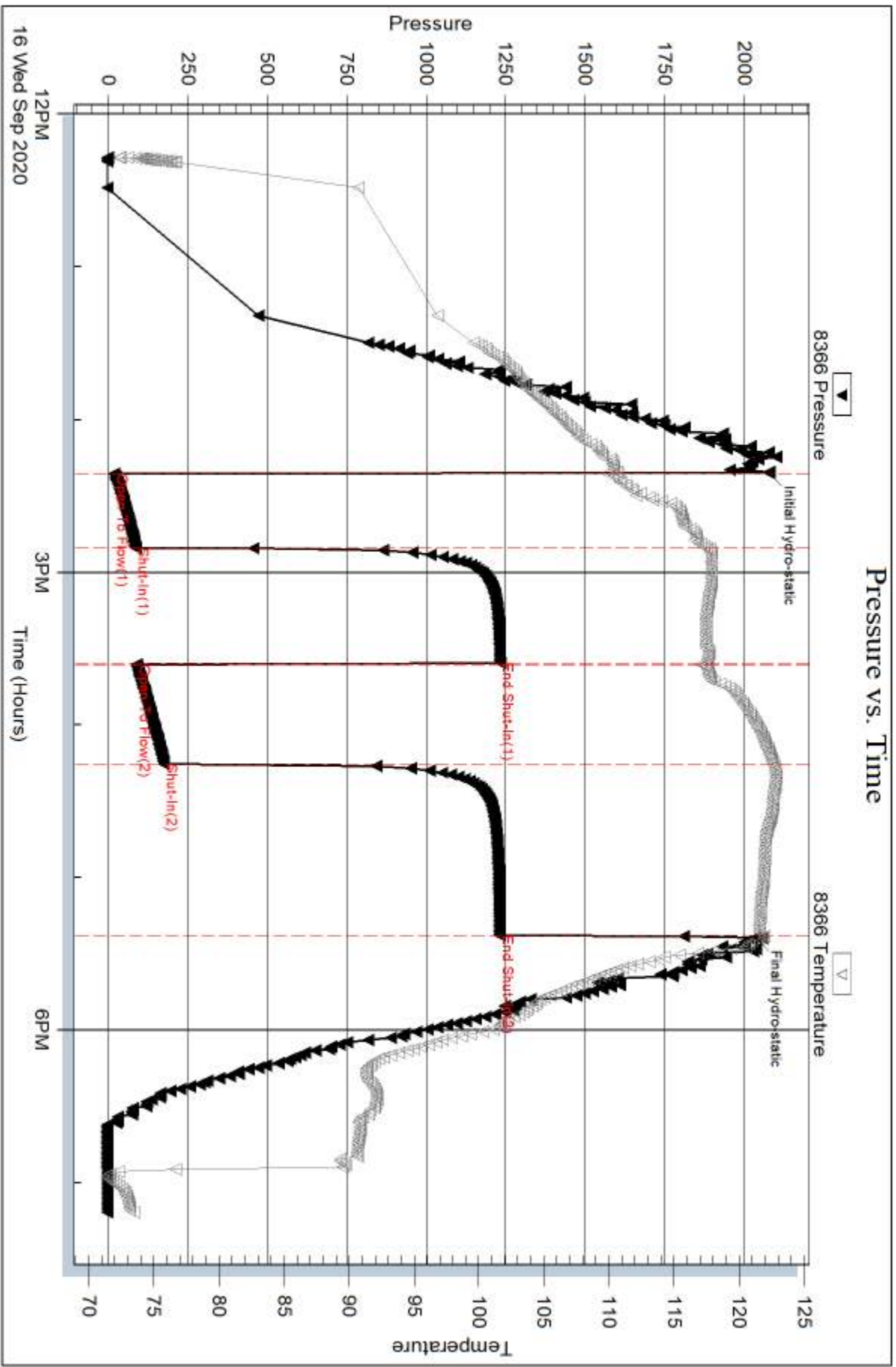
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	33000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5100.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	MCW - 45%M - 55%W	0.884
189.00	MCW - 10%M - 90%W	2.651
63.00	MCW - 50%M - 50%W	0.884
45.00	WCM - 30%W - 70%M	0.631

Total Length: 360.00 ft Total Volume: 5.050 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW = .205 @ 71 DEG F
 CHLORIDES = 33,000 PPM



12PM
16 Wed Sep 2020

3PM
Time (Hours)

6PM

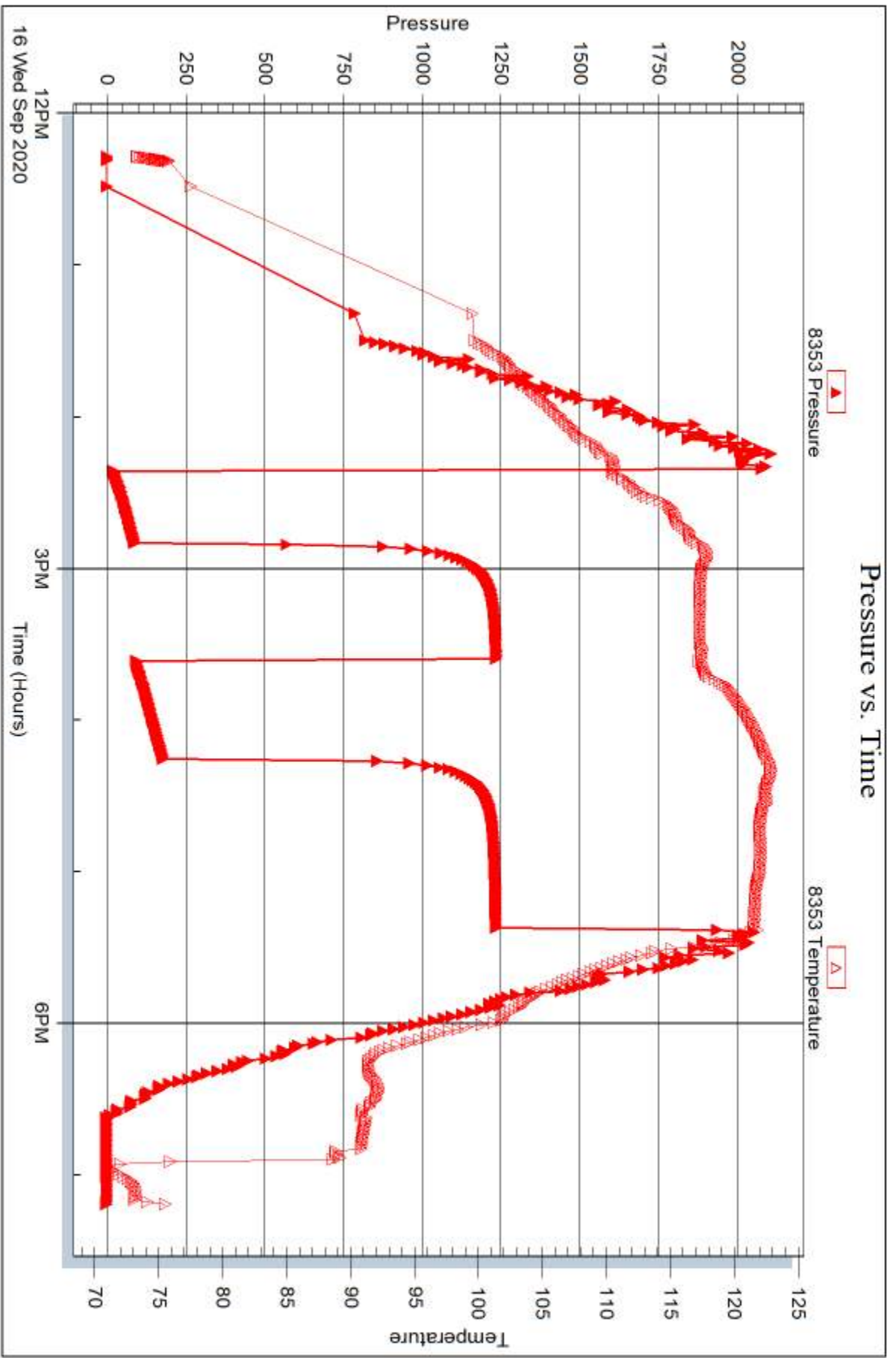
Serial #: 8353

Inside

CMX Inc.

Scherz Trust #1-25

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 66670

Printed: 2020.09.22 @ 08:27:35



DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

9330 E Central STE 300
Wichita KS 67206

ATTN: Leah Kasten

Schertz Trust #1-25

12-12s-35w Logan,KS

Start Date: 2020.09.17 @ 05:42:00

End Date: 2020.09.17 @ 11:39:20

Job Ticket #: 66671 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2020.09.22 @ 08:25:28

CMX Inc.
12-12s-35w Logan,KS
Schertz Trust #1-25
DST # 3
LKC " H "
2020.09.17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66671 **DST#: 3**
Test Start: 2020.09.17 @ 05:42:00

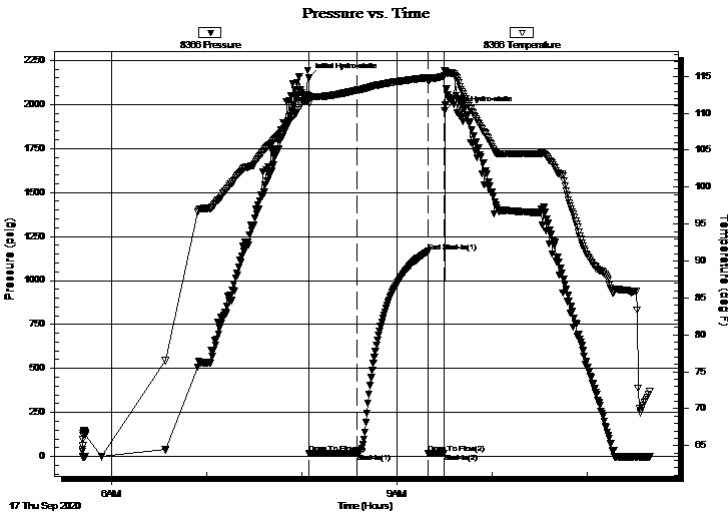
GENERAL INFORMATION:

Formation: **LKC " H "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:04:40
 Time Test Ended: 11:39:20
 Interval: **4249.00 ft (KB) To 4286.00 ft (KB) (TVD)**
 Total Depth: 4286.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Ryan Nichols
 Unit No: 71
 Reference Elevations: 3320.00 ft (KB)
 3312.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8366 Outside
 Press@RunDepth: 17.97 psig @ 4250.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.09.17 End Date: 2020.09.17 Last Calib.: 2020.09.17
 Start Time: 05:42:01 End Time: 11:39:20 Time On Btm: 2020.09.17 @ 08:04:30
 Time Off Btm: 2020.09.17 @ 09:30:00

TEST COMMENT: 30 IF - Surface blow built to 3/4" died back to 1/4"
 45 ISI - No return
 10 FF - No blow - pulled test

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.01	112.35	Initial Hydro-static
1	15.89	111.38	Open To Flow (1)
31	17.97	113.13	Shut-In(1)
75	1163.83	114.84	End Shut-In(1)
76	17.23	114.36	Open To Flow (2)
86	18.06	115.03	Shut-In(2)
86	1964.63	115.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66671 **DST#: 3**
Test Start: 2020.09.17 @ 05:42:00

Tool Information

Drill Pipe:	Length: 4224.00 ft	Diameter: 3.80 inches	Volume: 59.25 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4249.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	68.00 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			4223.00	
Hydraulic tool	5.00			4228.00	
Jars	5.00			4233.00	
Gap Sub	3.00			4236.00	
Safety Joint	3.00			4239.00	
Packer	5.00			4244.00	31.00 Bottom Of Top Packer
Packer	5.00			4249.00	
Stubb	1.00			4250.00	
Recorder	0.00	8353	Inside	4250.00	
Recorder	0.00	8366	Outside	4250.00	
Perforations	33.00			4283.00	
Bullnose	3.00			4286.00	37.00 Bottom Packers & Anchor

Total Tool Length: 68.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc.
9330 E Central STE 300
Wichita KS 67206
ATTN: Leah Kasten

12-12s-35w Logan,KS
Schertz Trust #1-25
Job Ticket: 66671 **DST#: 3**
Test Start: 2020.09.17 @ 05:42:00

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

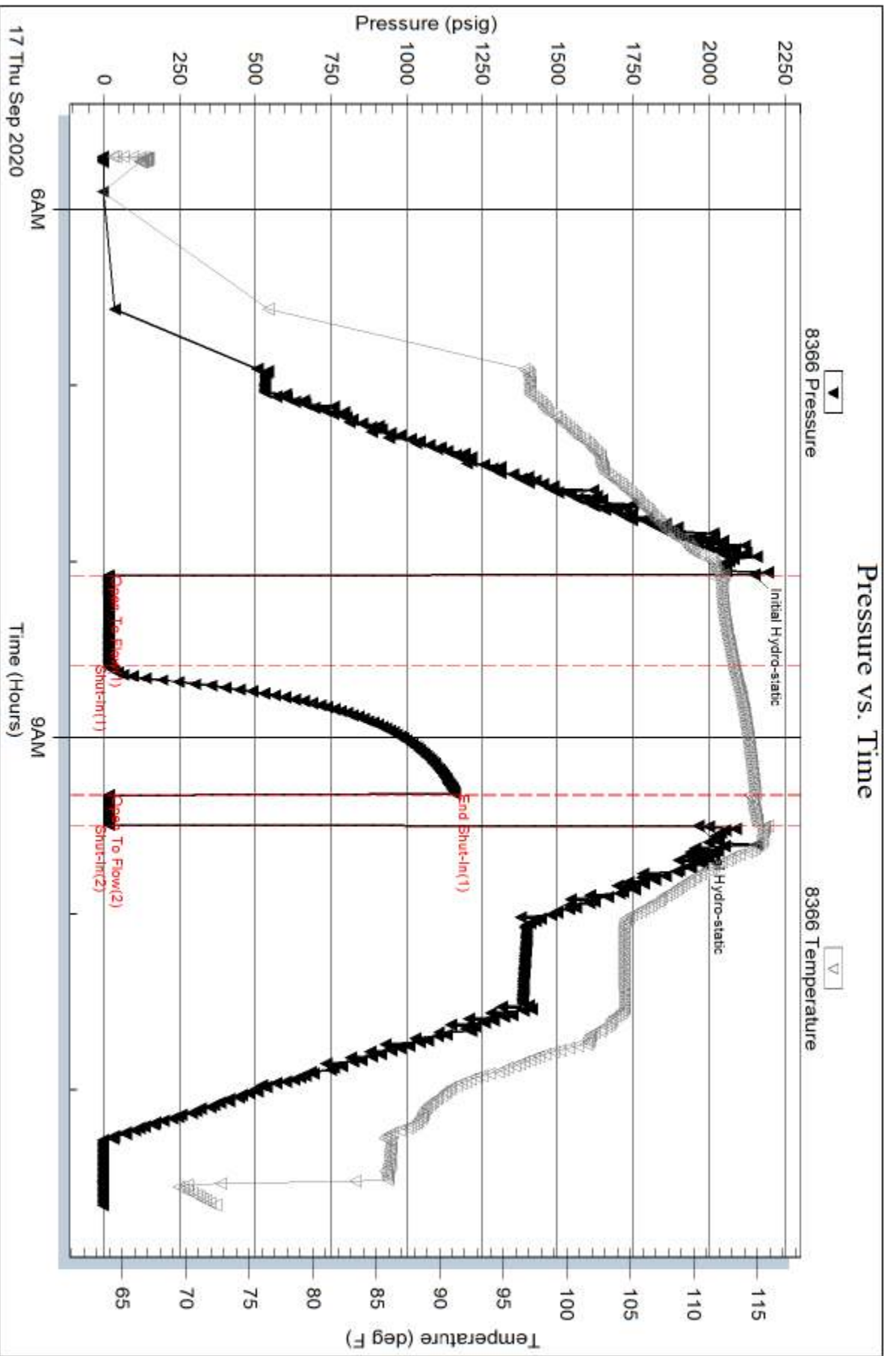
Length ft	Description	Volume bbl
5.00	Mud 100%	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



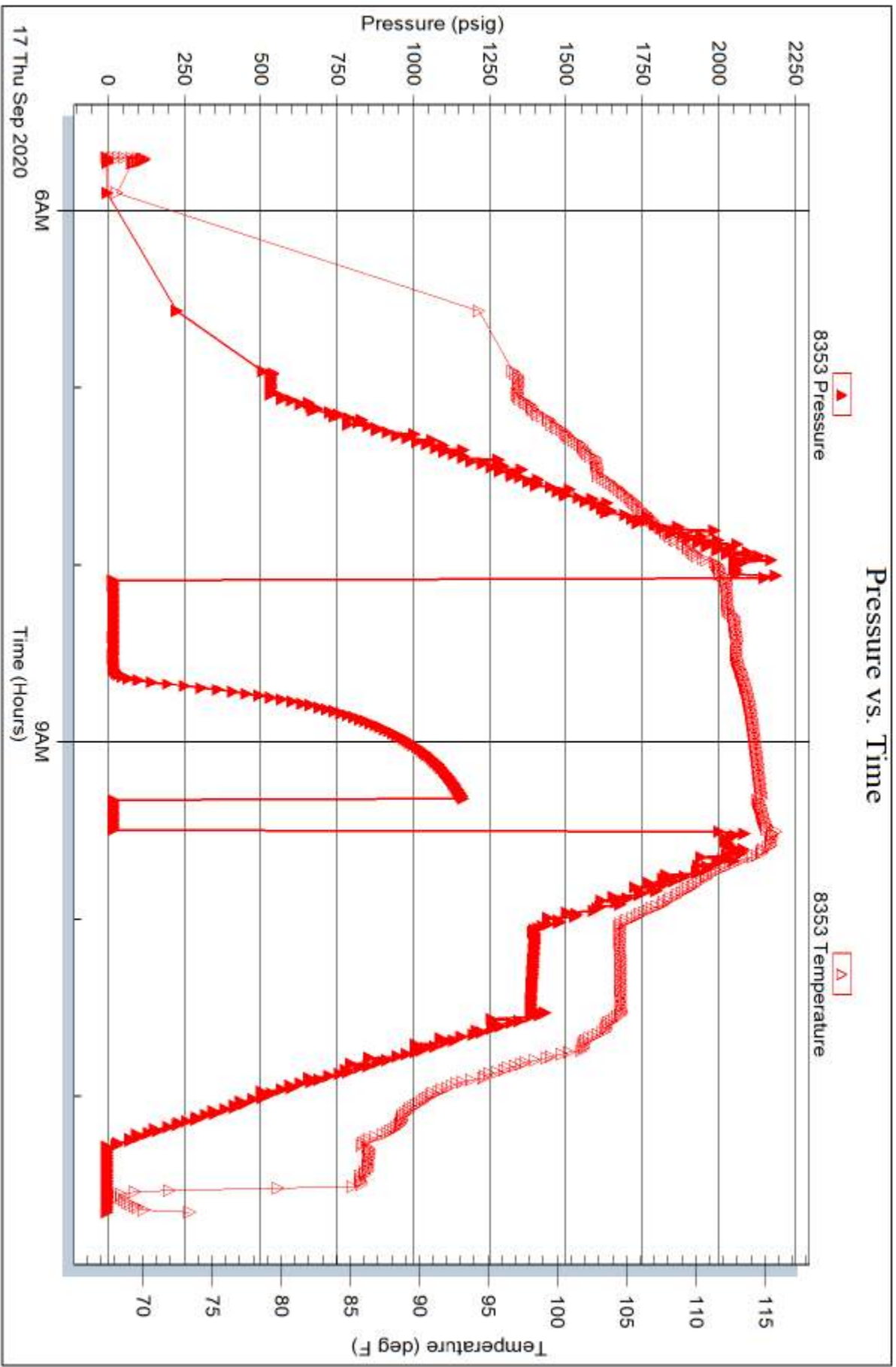
Serial #: 8353

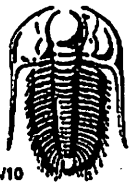
Inside

CMX Inc.

Schantz Trust #1-25

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66669

NO.

Well Name & No. Scheitz Trust Unit # 1-25 Test No. 1 Date 9/15/20
 Company CMX Inc. Elevation 3320 KB 3312 GL
 Address 9370 E. Central STE 300 Wichita KS 67206
 Co. Rep/Geo. Leah Kasten Rig Duke # 2
 Location: Sec. 12 Twp 12S Rge. 35W Co. Logan State KS

Interval Tested 4120 - 4144 Zone Tested LKC " B "
 Anchor Length 24' Drill Pipe Run 4099' Mud Wt. 9.3
 Top Packer Depth 4115 Drill Collars Run 0' Vls 49
 Bottom Packer Depth 4120 Wt. Pipe Run 0' WL 8.8
 Total Depth 4144 Chlorides 4200 ppm System LCM 1
 Blow Description 30 IF - Surface blow built to 5 1/2"
45 ISI - No return
80 FF - Surface blow built to 9 1/2"
90 FSI - No return

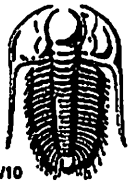
Rec	Feet of	%gas	%oil	%water	%mud
<u>69</u>	<u>MCW</u>		<u>60</u>	<u>40</u>	
<u>603</u>	<u>MCW</u>		<u>95</u>	<u>5</u>	
<u>63</u>	<u>WCM</u>		<u>40</u>	<u>60</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 195' BHT 120° Gravity _____ API RW _____ @ _____ F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2002</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>14:45</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:56</u>
(C) First Final Flow <u>51</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:59</u>
(D) Initial Shut-In <u>1180</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>21:43</u>
(E) Second Initial Flow <u>52</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>23:45</u>
(F) Second Final Flow <u>104</u>	<input checked="" type="checkbox"/> Mileage <u>110 120 RT</u>	Comments _____
(G) Final Shut-In <u>1170</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1964</u>	<input type="checkbox"/> Straddle _____	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	<input type="checkbox"/> Extra Copies _____
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility _____	Total <u>1735</u>
	Sub Total <u>1735</u>	MP/DST Disc't _____

Approved By _____ Our Representative R. Z. Kahlke

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66670

NO.

Well Name & No. Schertz Trust Unit #1-25 Test No. 2 Date 9/16/20
 Company CMX Inc. Elevation 3320 KB 3312 GL
 Address 9330 E. Central STE 300 Wichita KS 67206
 Co. Rep / Geo. Leah Kasten Rig Duke #2
 Location: Sec. 12 Twp 12S Rge. 35W Co. Logan State KS

Interval Tested 4171-4209 Zone Tested LKC "D-F"
 Anchor Length 38' Drill Pipe Run 4162' Mud Wt. 9.3
 Top Packer Depth 4166 Drill Collars Run 0' Vis 56
 Bottom Packer Depth 4171 Wt. Pipe Run 0' WL 8.8
 Total Depth 4209 Chlorides 5100 ppm System LCM 2

Blow Description 30 IF - Surface blow built to BoB @ 25 mins
45 ISI - No return
45 FF - Surface blow built to BoB @ 27 mins
60 FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>WCM</u>		<u>30</u>	<u>70</u>	
<u>63</u>	<u>MCW</u>		<u>50</u>	<u>50</u>	
<u>189'</u>	<u>MCW</u>		<u>90</u>	<u>10</u>	
<u>63</u>	<u>MCW</u>		<u>55</u>	<u>45</u>	
Rec	Feet of	%gas	%oil	%water	%mud

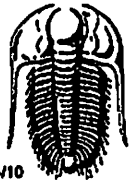
Rec Total 360° BHT 122° Gravity — API RW 205 @ 71° F Chlorides 33,000 ppm

(A) Initial Hydrostatic 2076 Test 1300 T-On Location 12:00
 (B) First Initial Flow 20 Jars 250 T-Started 12:17
 (C) First Final Flow 87 Safety Joint 75 T-Open 14:21
 (D) Initial Shut-In 1234 Circ Sub _____ T-Pulled 17:21
 (E) Second Initial Flow 90 Hourly Standby _____ T-Out 19:00
 (F) Second Final Flow 176 Mileage 120 RT 110 Comments _____
 (G) Final Shut-In 1232 Sampler _____
 (H) Final Hydrostatic 2035 Straddle _____ EM Tool 350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60
 Sub Total 1735
 Total 1735
 MP/DST Disc't _____

Approved By _____ Our Representative Raymond M. B.

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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 66671

NO.

Well Name & No. Schertz Test Unit #1-25 Test No. 3 Date 9/17/20
 Company CMX Inc. Elevation 3320 KB 3312 GL
 Address 9330 E. Central STE 300 Wichita KS 67206
 Co. Rep/Geo. Leah Kasten Rig Duke #2
 Location: Sec. 12 Twp 12S Rge. 35W Co. Logan State KS

Interval Tested 4249 - 4286 Zone Tested LKC "H"
 Anchor Length 37' Drill Pipe Run 4224' Mud Wt. 9.4
 Top Packer Depth 4244 Drill Collars Run 0' Vls 55
 Bottom Packer Depth 2249 Wt. Pipe Run 0' WL 10.4
 Total Depth 4286 Chlorides 5500 ppm System LCM 1
 Blow Description 30 IF - Surface blow built to 3/4" died back to 1/4"
45 ISI - No return
10 FF - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud</u>			<u>100%</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 116° Gravity — API RW — @ — °F Chlorides ✓ ppm

(A) Initial Hydrostatic <u>2151</u>	<input checked="" type="checkbox"/> Test <u>1300</u>	T-On Location <u>05:00</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>05:42</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>08:05</u>
(D) Initial Shut-In <u>1164</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>09:30</u>
(E) Second Initial Flow <u>17</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:30</u>
(F) Second Final Flow <u>18</u>	<input checked="" type="checkbox"/> Mileage <u>120 RT X 2</u>	Comments <u>loaded tools</u>
(G) Final Shut-In	<input type="checkbox"/> Sampler <u>220</u>	<u>@ 10:30 am on 9/19/20</u>
(H) Final Hydrostatic <u>1965</u>	<input type="checkbox"/> Straddle	<input checked="" type="checkbox"/> EM Tool <u>350</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>10</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In	<input checked="" type="checkbox"/> Day Standby <u>1.5d 11h</u>	Sub Total <u>800</u> 50% charge
	<input type="checkbox"/> Accessibility	Total <u>2245</u>
	Sub Total <u>1845</u>	MP/DST Disc't

Approved By _____ Our Representative Ryan Zwick

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.

FRANKS Oilfield Service, LLC

815 Main Street
Victoria, KS 67671

Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Email: franksoilfield@yahoo.com

Invoice

Date	Invoice #
9/20/2020	0211

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

Bill To
CMX Inc. 9330 E. Central, Suite 300 Wichita, KS 67206

County/State	Lease/Well#	Terms	Job Type
Logan/Kansas	Schertz Trust Unit #...	Net 30	PTA

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	25	6.50	162.50
Ton Mileage (min.)	1	600.00	600.00
60/40 4% gel 1/4# floseal	255	16.25	4,143.75T
8-5/8 Wooden Plug	1	165.00	165.00T
40% Discount		-2,488.50	-2,488.50

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

Subtotal \$3,732.75

We appreciate your business and look forward to serving you again!

Sales Tax (8.0%) \$206.82

Balance Due \$3,939.57

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0211
 LOCATION Horiz US
 FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>9/20/20</u>		<u>Schertz Trust Unit 1-25</u>	<u>25</u>	<u>12S</u>	<u>35 W</u>	<u>Logan</u>

CUSTOMER
CMX

MAILING ADDRESS

CITY STATE ZIP CODE

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>101</u>	<u>Miles S</u>		
	<u>SeidT</u>		

JOB TYPE PTA HOLE SIZE 7 7/8" HOLE DEPTH 4856' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4.5" TUBING _____ OTHER _____
 SLURRY WEIGHT 13.7 SLURRY VOL 1.4 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting & tie up on Duke drilling Rig #2 Plus as ordered
1" plus 50 S x @ 2700'
2" plus 100 S x @ 1625'
3" plus 50 S x @ 350'
Top Plug 15 S x U/plus @ 90'
RH 30 S x
MH 15 S x

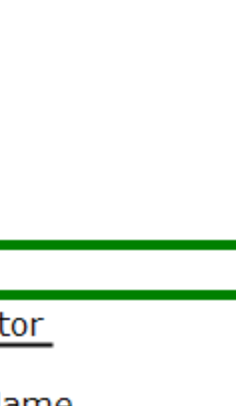
255 S x 6048 88 gal 1/4" P/B

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>PC 002</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>1152.⁰⁰</u>	<u>1152.⁰⁰</u>
<u>M001</u>	<u>25</u>	<u>MILEAGE</u>	<u>6.50</u>	<u>162.50</u>
<u>M003</u>	<u>11.35 Tons</u>	<u>Ton m. to cement slurry</u>	<u>600.⁰⁰</u>	<u>6800.⁰⁰</u>
<u>LB010</u>	<u>255 S x</u>	<u>6048 4" head 1/4" P/B</u>	<u>16.25</u>	<u>4143.75</u>
<u>FE054</u>	<u>1</u>	<u>8 5/8" Cement Plug</u>	<u>165.⁰⁰</u>	<u>165.⁰⁰</u>
			<u>Subtotal</u>	<u>6221.25</u>
			<u>less 4026 disc</u>	<u>2488.50</u>
			<u>Subtotal</u>	<u>3732.75</u>
			<u>SALES TAX</u>	<u>206.82</u>
			<u>ESTIMATED TOTAL</u>	<u>3,939.57</u>

AUTHORIZATION Dean Vazquez TITLE Push DATE 9-20-20

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office and conditions of service on the back of this form are in effect for services identified on this form.



Well-Site Geologists
Leah Kasten

CMX, Inc.
9550 E. Central, Suite 300
Wichita, KS 67206

Software: HMG Strata Log
Horizontal Mudlog & Geosteering, Inc
P.O. Box 20058, Albuquerque, NM 87154
505-320-3432 www.horizontalmudlog.com

Operator
CMX, Inc.
Well Name
Schantz Trust Unit #1-25

Operator Address
3550 E. Central, Suite 300
Wichita, KS 67206

Well Information

Field: WC
Region: Mid-Continent
Coordinates: Lat: 38.987172519, Lon: 101.156815839
Location: 915' FNL & 2600' FWL, Sec 25-12S-35W
State: Logan County, KS
API Index: 15-109-21607-00-00
Rig Operator: Duke Drilling Co, Rig #2

Ground Elevation(ft): 3212.0
KB Elevation(ft): 3220.0
Spud Date: 9/8/2020
Drilling Concluded: 9/21/2020
CMX, Inc. Geologist(s): Leah Kasten
Rig Supervisor(s): Dion Vasquez
Dion Vasquez

Hole Data

Logs: Midwestern Wireline
Dual Comp Porosity
Microresistivity
Sonic

Casing Data

8 5/8" 24# new, set @ 306' w/ 180' sx Class A, CCL2, 2% gel

Legend - Scale 1:240 (1" = 20')

Pipe strap @ 4477' was 28.72' Board long due to a joint being recorded twice on the board. Board was corrected to 4448'. All drilling depths above 4448' have been adjusted by 29' on this report.

Lithology

- Anhydrite
- Miss Dol
- Dol & Chert
- Carbonaceous Shale
- Sdy sh
- Chert
- Chrt LS
- Coal
- Conglomerate
- Dolomite
- Fault or Fracture
- Glaucinite
- Gypsum
- Limestone1
- Marlstone
- Mudstone
- Salt
- Sandstone
- Shale
- Siltstone

Graph Curves

Graph #1
ROP (min/ft)
Units: 10000
Gamma (API)
Units: 80000

Graph #2
Total Gas (Units)
C1 (Units)
C2 (Units)
C3 (Units)
C4 (Units)

Intervals

- DST 1
- DST 2
- DST 3
- Top
- Log Tops
- Shows
- Zone Tops
- Estimated Tops

Log Images

- Bit Trip
- Midnight
- Gas Show
- Oil Show
- Casing Show
- AM Report
- PM Report
- Tight Connection
- Fracture
- Formation Tops
- Formation Members
- Pressure Test
- Carbonaceous
- Calclite
- Kaolinite
- Survey
- Pyrite
- Fossil
- sdly sh
- Conn

