

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	BEACON HILL 1-20
Doc ID	1401801

All Electric Logs Run

Induction
Neutron Porosity
Micro resistivity
Sonic



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	03/01/2018
INVOICE NUMBER			
92648302			

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 Beacon Hill 1-20
 O LOCATION
 B COUNTY Pratt
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41090911	86779		Net - 30 days	03/31/2018

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 02/28/2018 to 02/28/2018</i>				
0041090911				
171816338A Cement-New Well Casing/Pi 02/28/2018 Cement 8 5/8 Surface				
60/40 POZ	375.00	EA	6.60	2,475.00 T
Calcium Chloride	969.00	EA	0.58	559.60 T
Celloflake	94.00	EA	2.04	191.29 T
"Wooden Cmt Plug, 8 5/8""	1.00	EA	88.00	88.00
"Unit Mileage Chg (PU, cars one way)"	10.00	MI	2.48	24.75
Heavy Equipment Mileage	20.00	MI	4.13	82.50
162--Propp & Bulk Del.Chgs., per ton mil	1.00	EA	222.06	222.06
Blending & Mixing Service Charge	375.00	BAG	0.77	288.75
Plug Container Util. Chg.	1.00	EA	137.50	137.50
Depth Charge; 0-500'	1.00	EA	550.00	550.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	96.25	96.25

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,715.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	266.14
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,981.84
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

TTM 14
29

FIELD SERVICE TICKET
1718 16338 A

DATE _____ TICKET NO. _____

DATE OF JOB 2-28-18 DISTRICT Pratt		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 Beacon Hill WELL NO/ 20							
ADDRESS		COUNTY Pratt STATE KS							
CITY STATE		SERVICE CREW MATTAI Grady OSBORN							
AUTHORIZED BY		JOB TYPE: 2-42 8 5/8 SURFACE							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
86779	.5						2-27-18	AM	10:30
						ARRIVED AT JOB		AM	11:00
21010	1					START OPERATION	2-28	AM	4:23
						FINISH OPERATION		PM	4:57
						RELEASED		AM	5:30
						MILES FROM STATION TO WELL			10

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: *X Robert D. Rank*
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	60/40 POZ	SY	375		4,500
CC 109	CAL. CHLORIDE	lb	969		1017 45
CC 102	CELLOFINK	lb	94		347 80
CF 153	WOOD PLUG 8 5/8	OR	1		160 00
E 100	P.V. Miles	mi	10		415 00
E 101	Heavy eq Miles	mi	20		150 00
E 113	Prof + bulk dol	TM	162		403 75
CE 200	depth charge D-500'	4hr	1		1,000 00
CE 240	blend + mix	SY	375		525 00
S 003	Supervisor	ea	1		175 00
CE 504	Plug cost.	JOB	1		250 00
SUB TOTAL					8,574 00

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		4,715 70

SERVICE REPRESENTATIVE Mike Mattai	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <i>X Robert D. Rank</i> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	--

FIELD SERVICE ORDER NO. _____



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

TTWH
29

FIELD SERVICE TICKET
1718 16338 A

DATE _____ TICKET NO. _____

DATE OF JOB: 2-28-18 DISTRICT: Pratt		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: CMY		LEASE: B...	
ADDRESS:		WELL NO.:	
CITY: STATE:		COUNTY: Pratt STATE: KS	
AUTHORIZED BY:		SERVICE CREW: M...	
EQUIPMENT#		JOB TYPE: 2-42 8 1/8 5...	
HRS		TRUCK CALLED	
EQUIPMENT#		DATE	
HRS		AM	
EQUIPMENT#		PM	
HRS		TIME	
EQUIPMENT#		ARRIVED AT JOB	
HRS		AM	
EQUIPMENT#		PM	
HRS		START OPERATION	
EQUIPMENT#		DATE	
HRS		AM	
EQUIPMENT#		PM	
HRS		FINISH OPERATION	
EQUIPMENT#		DATE	
HRS		AM	
EQUIPMENT#		PM	
HRS		RELEASED	
EQUIPMENT#		DATE	
HRS		AM	
EQUIPMENT#		PM	
HRS		MILES FROM STATION TO WELL	
EQUIPMENT#		DATE	
HRS		AM	
EQUIPMENT#		PM	
HRS		TIME	

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: _____
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CF 103	60/400 P22	50	375		4,500
CC 109	CAI. CAI...	16	967		1017 45
CC 102	CAI. CAI...	16	94		347 80
CF 153	WOOD PLY 8 1/8	00	1		160 00
E 100	P.H. M...	M.	10		415 00
E 43	P.H. M...	70	162		403 75
E 200	JOINT CHARGE D-500	44	1		1,000 00
E 204	HEAD PUMP	50	375		525 00
E 205	SIDE VALVE	28	1		175 00
E 204	HEAD PUMP	50	1		250 00
SUB TOTAL					8874 00

CHEMICAL / ACID DATA			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		4,715 70

SERVICE REPRESENTATIVE: _____	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
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FIELD SERVICE ORDER NO. _____ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)



DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206

ATTN: Ken LeBlanc

Beacon Hill #1-20

20-27S-14W Pratt,KS

Start Date: 2018.03.05 @ 15:22:31

End Date: 2018.03.05 @ 23:12:33

Job Ticket #: 63366 DST #: 1

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

Printed: 2018.03.13 @ 09:06:19

CMX Inc
20-27S-14W Pratt,KS
Beacon Hill #1-20
DST # 1
Lansing "B"
2018.03.05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkw y
 Bldg 300 B
 Wichita, KS 67206
 ATTN: Ken LeBlanc

20-27S-14W Pratt,KS

Beacon Hill #1-20

Job Ticket: 63366

DST#: 1

Test Start: 2018.03.05 @ 15:22:31

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:20:18

Time Test Ended: 23:12:33

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: **3955.00 ft (KB) To 3975.00 ft (KB) (TVD)**

Reference Elevations: 2003.00 ft (KB)

Total Depth: 3975.00 ft (KB) (TVD)

1990.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

Serial #: 8875

Inside

Press@RunDepth: 366.12 psig @ 3956.00 ft (KB)

Capacity: psig

Start Date: 2018.03.05

End Date:

2018.03.05

Last Calib.:

2018.03.05

Start Time: 15:22:32

End Time:

23:12:33

Time On Btm:

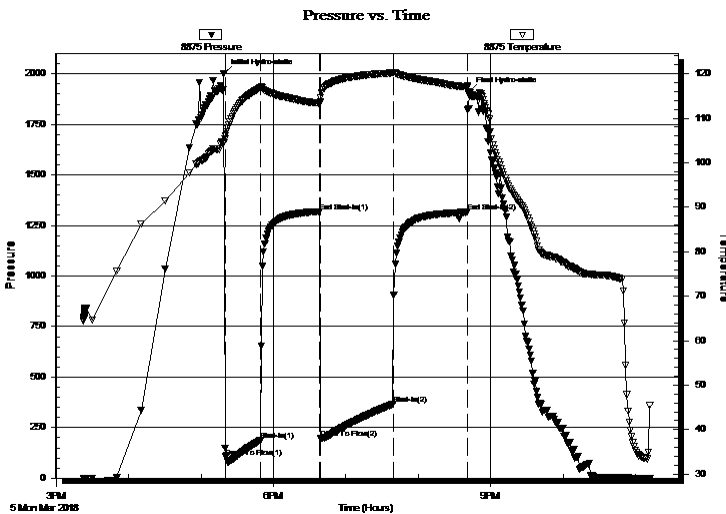
2018.03.05 @ 17:18:48

Time Off Btm:

2018.03.05 @ 20:42:03

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, Built to 243"
 IS: Blow Back Built to 44"
 FF: Strong Blow , BOB immediate, Built to 231"
 FS: Blow Back Built to 25"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2002.19	104.53	Initial Hydro-static
2	104.81	106.16	Open To Flow (1)
31	185.63	116.85	Shut-In(1)
80	1318.41	113.40	End Shut-In(1)
81	195.99	114.67	Open To Flow (2)
141	366.12	120.28	Shut-In(2)
202	1315.59	117.03	End Shut-In(2)
204	1911.07	115.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	3185 GIP	0.00
527.00	Water	5.74
63.00	GOMCW 10%G 2%O 10%M 78%W	0.88
166.00	GWMCO 20%G 10%W 12%M 58%O	2.33

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt, KS
Beacon Hill #1-20
Job Ticket: 63366 **DST#: 1**
Test Start: 2018.03.05 @ 15:22:31

Tool Information

Drill Pipe:	Length: 3760.00 ft	Diameter: 3.80 inches	Volume: 52.74 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.63 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	3955.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	44.00 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			3936.00	
Hydraulic tool	5.00			3941.00	
EM Tool	3.00			3944.00	
Safety Joint	2.00			3946.00	
Packer	5.00			3951.00	24.00 Bottom Of Top Packer
Packer	4.00			3955.00	
Stubb	1.00			3956.00	
Recorder	0.00	8875	Inside	3956.00	
Recorder	0.00	6749	Outside	3956.00	
Perforations	16.00			3972.00	
Bullnose	3.00			3975.00	20.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1700 N Waterfront Pkw y
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt,KS
Beacon Hill #1-20
Job Ticket: 63366 **DST#: 1**
Test Start: 2018.03.05 @ 15:22:31

Mud and Cushion Information

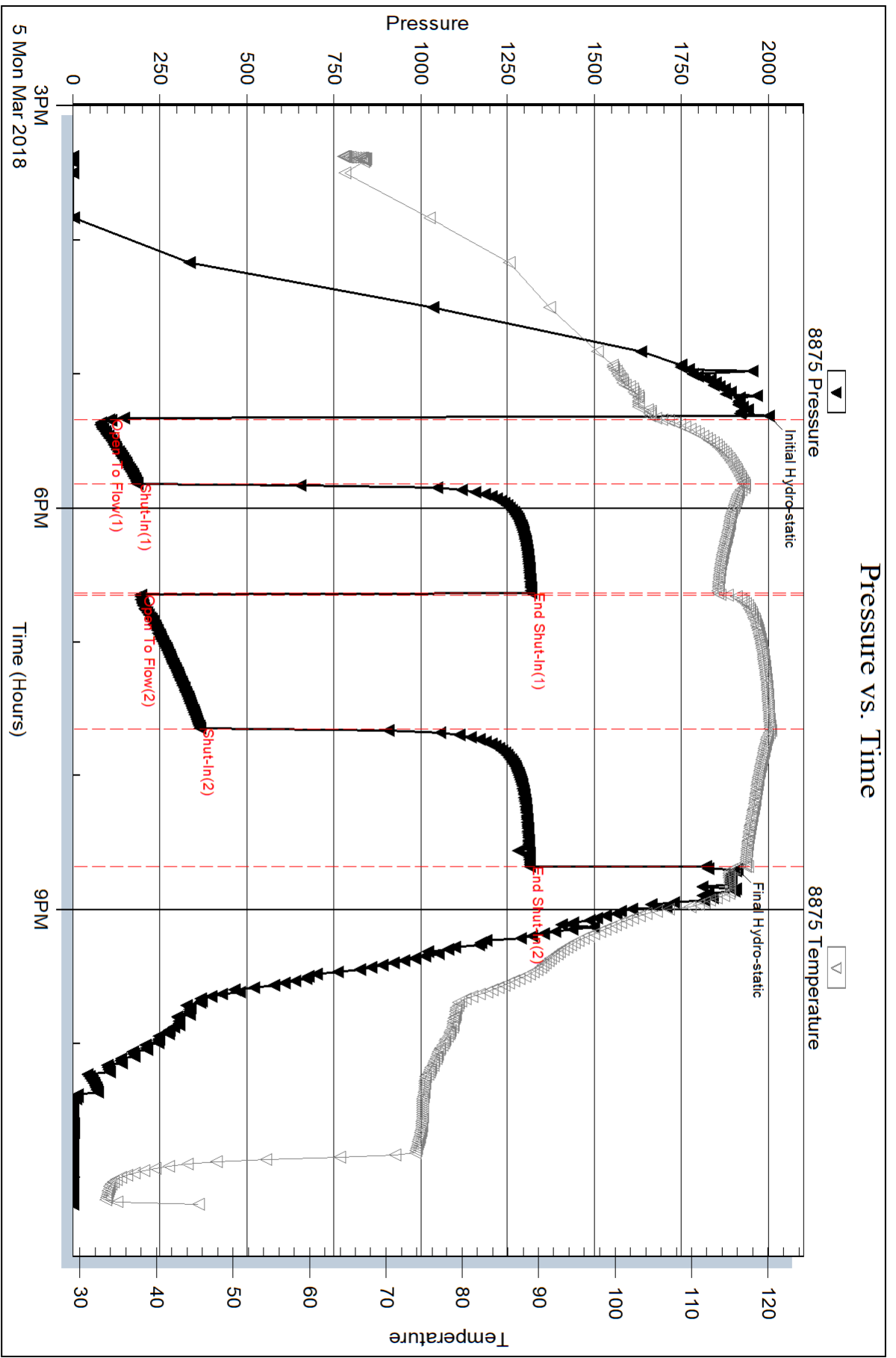
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	87000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.02 inches			

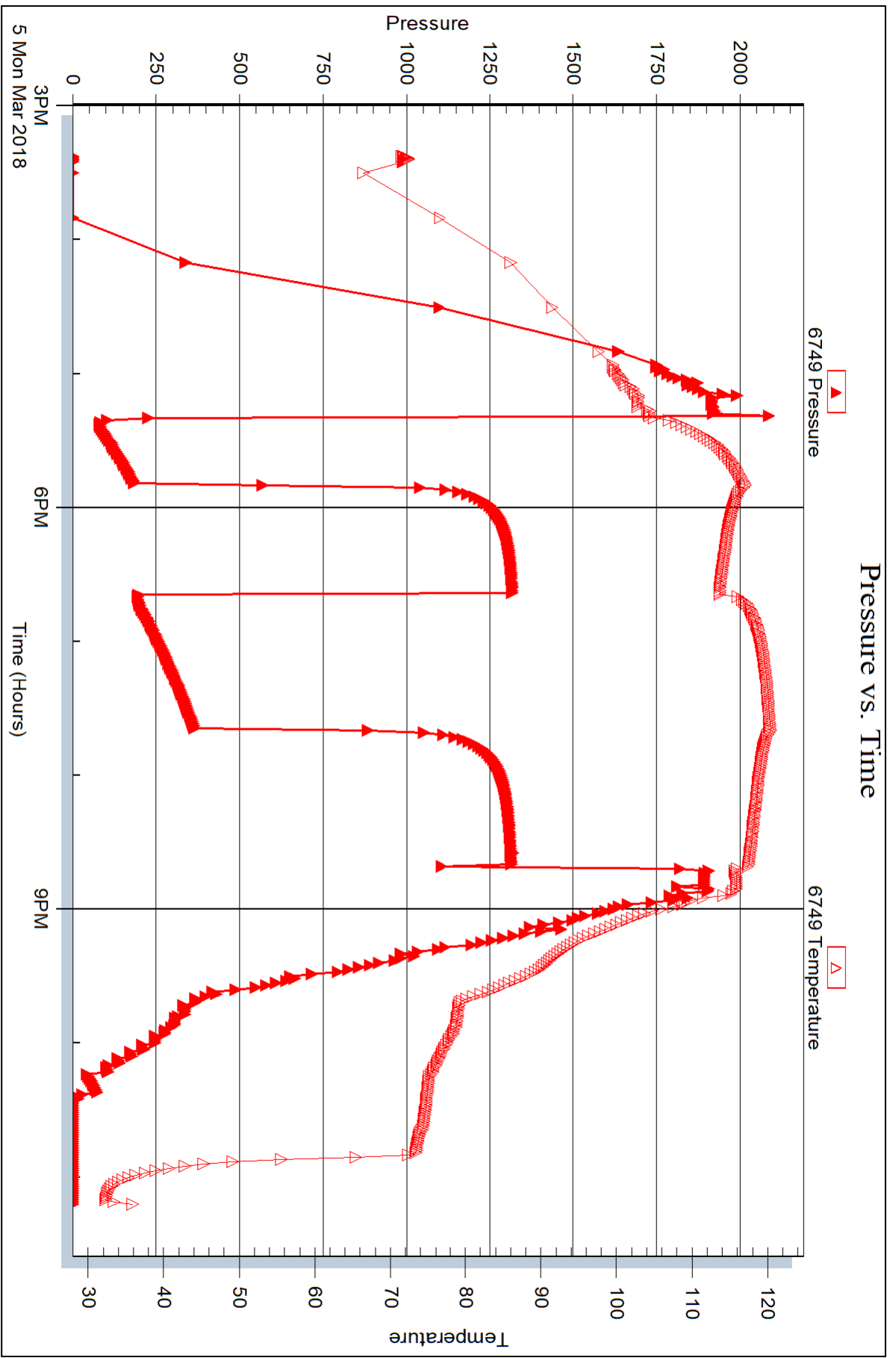
Recovery Information

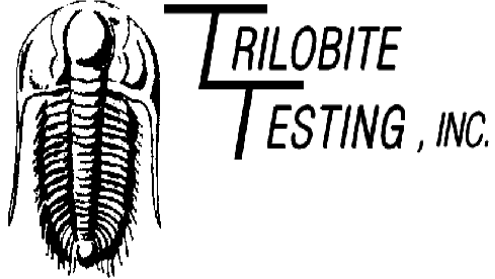
Recovery Table

Length ft	Description	Volume bbl
0.00	3185 GIP	0.000
527.00	Water	5.744
63.00	GOMCW 10%G 2%O 10%M 78%W	0.884
166.00	GWMCO 20%G 10%W 12%M 58%O	2.329

Total Length: 756.00 ft Total Volume: 8.957 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW w as .15 @ 42 degrees







DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206

ATTN: Ken LeBlanc

Beacon Hill #1-20

20-27S-14W Pratt,KS

Start Date: 2018.03.06 @ 16:18:14

End Date: 2018.03.06 @ 22:20:16

Job Ticket #: 63367 DST #: 2

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

Printed: 2018.03.13 @ 09:05:58



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkw y
 Bldg 300 B
 Wichita, KS 67206
 ATTN: Ken LeBlanc

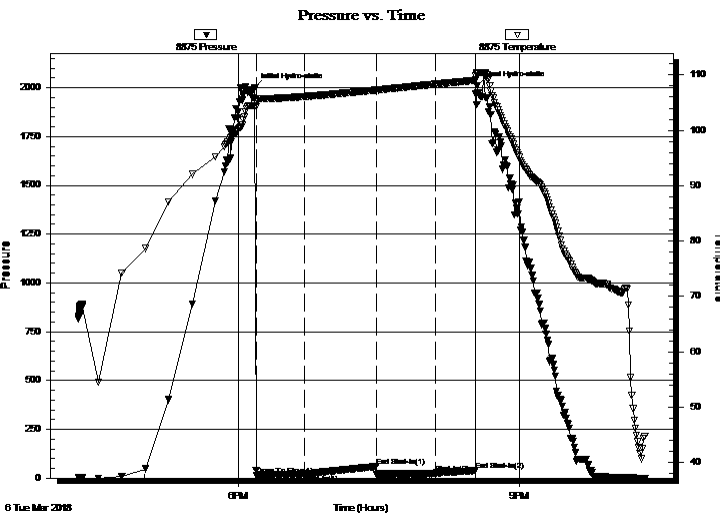
20-27S-14W Pratt,KS
Beacon Hill #1-20
 Job Ticket: 63367 **DST#: 2**
 Test Start: 2018.03.06 @ 16:18:14

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:12:01
 Time Test Ended: 22:20:16
Interval: 4085.00 ft (KB) To 4100.00 ft (KB) (TVD)
 Total Depth: 4100.00 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: 2003.00 ft (KB)
 1990.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8875 **Inside**
 Press@RunDepth: 26.08 psig @ 4086.00 ft (KB) Capacity: psig
 Start Date: 2018.03.06 End Date: 2018.03.06 Last Calib.: 2018.03.06
 Start Time: 16:18:15 End Time: 22:20:16 Time On Btm: 2018.03.06 @ 18:10:46
 Time Off Btm: 2018.03.06 @ 20:32:46

TEST COMMENT: IF: Weak Blow , Built to 3"
 IS: No Blow Back
 FF: Weak 1/2" Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1999.67	104.85	Initial Hydro-static
2	14.91	105.11	Open To Flow (1)
32	20.36	106.11	Shut-In(1)
78	58.99	107.27	End Shut-In(1)
78	20.09	107.27	Open To Flow (2)
116	26.08	108.36	Shut-In(2)
141	39.11	109.06	End Shut-In(2)
142	2011.86	110.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkw y
 Bldg 300 B
 Wichita, KS 67206
 ATTN: Ken LeBlanc

20-27S-14W Pratt, KS
Beacon Hill #1-20
 Job Ticket: 63367 **DST#: 2**
 Test Start: 2018.03.06 @ 16:18:14

GENERAL INFORMATION:

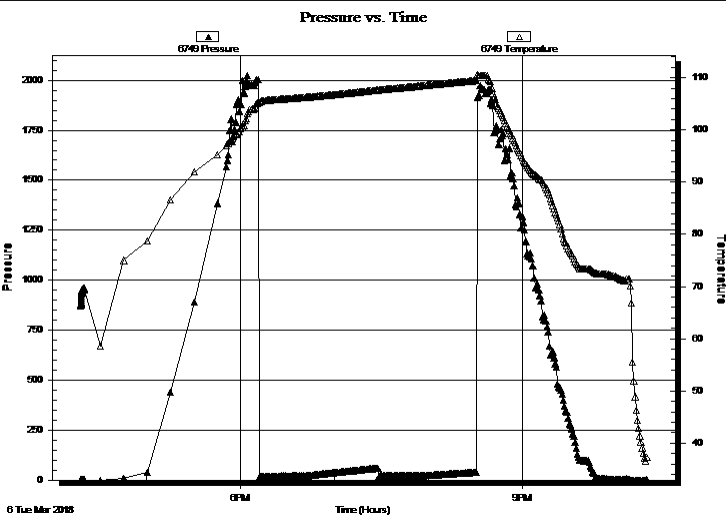
Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:12:01
 Time Test Ended: 22:20:16
Interval: 4085.00 ft (KB) To 4100.00 ft (KB) (TVD)
 Total Depth: 4100.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2003.00 ft (KB)
 1990.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6749

Outside

Press@RunDepth: psig @ 4086.00 ft (KB) Capacity: psig
 Start Date: 2018.03.06 End Date: 2018.03.06 Last Calib.: 2018.03.06
 Start Time: 16:18:06 End Time: 22:20:07 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 3"
 IS: No Blow Back
 FF: Weak 1/2" Blow
 FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

* 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
1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt, KS
Beacon Hill #1-20
Job Ticket: 63367 **DST#: 2**
Test Start: 2018.03.06 @ 16:18:14

Tool Information

Drill Pipe:	Length: 3885.00 ft	Diameter: 3.80 inches	Volume: 54.50 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 55.39 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4085.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	39.00 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			4066.00	
Hydraulic tool	5.00			4071.00	
EM Tool	3.00			4074.00	
Safety Joint	2.00			4076.00	
Packer	5.00			4081.00	24.00 Bottom Of Top Packer
Packer	4.00			4085.00	
Stubb	1.00			4086.00	
Recorder	0.00	8875	Inside	4086.00	
Recorder	0.00	6749	Outside	4086.00	
Perforations	11.00			4097.00	
Bullnose	3.00			4100.00	15.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt, KS
Beacon Hill #1-20
Job Ticket: 63367 **DST#: 2**
Test Start: 2018.03.06 @ 16:18:14

Mud and Cushion Information

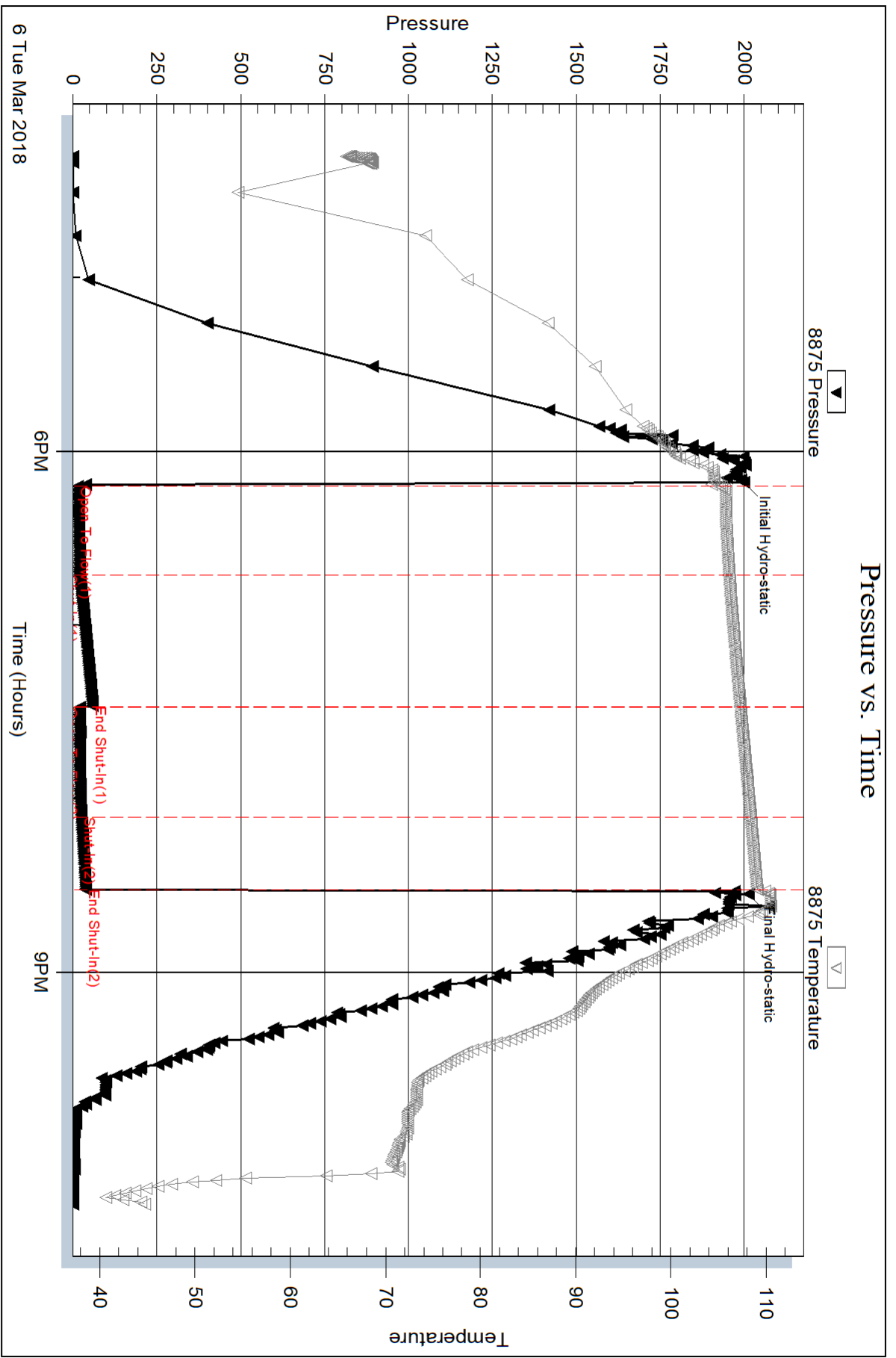
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.02 inches			

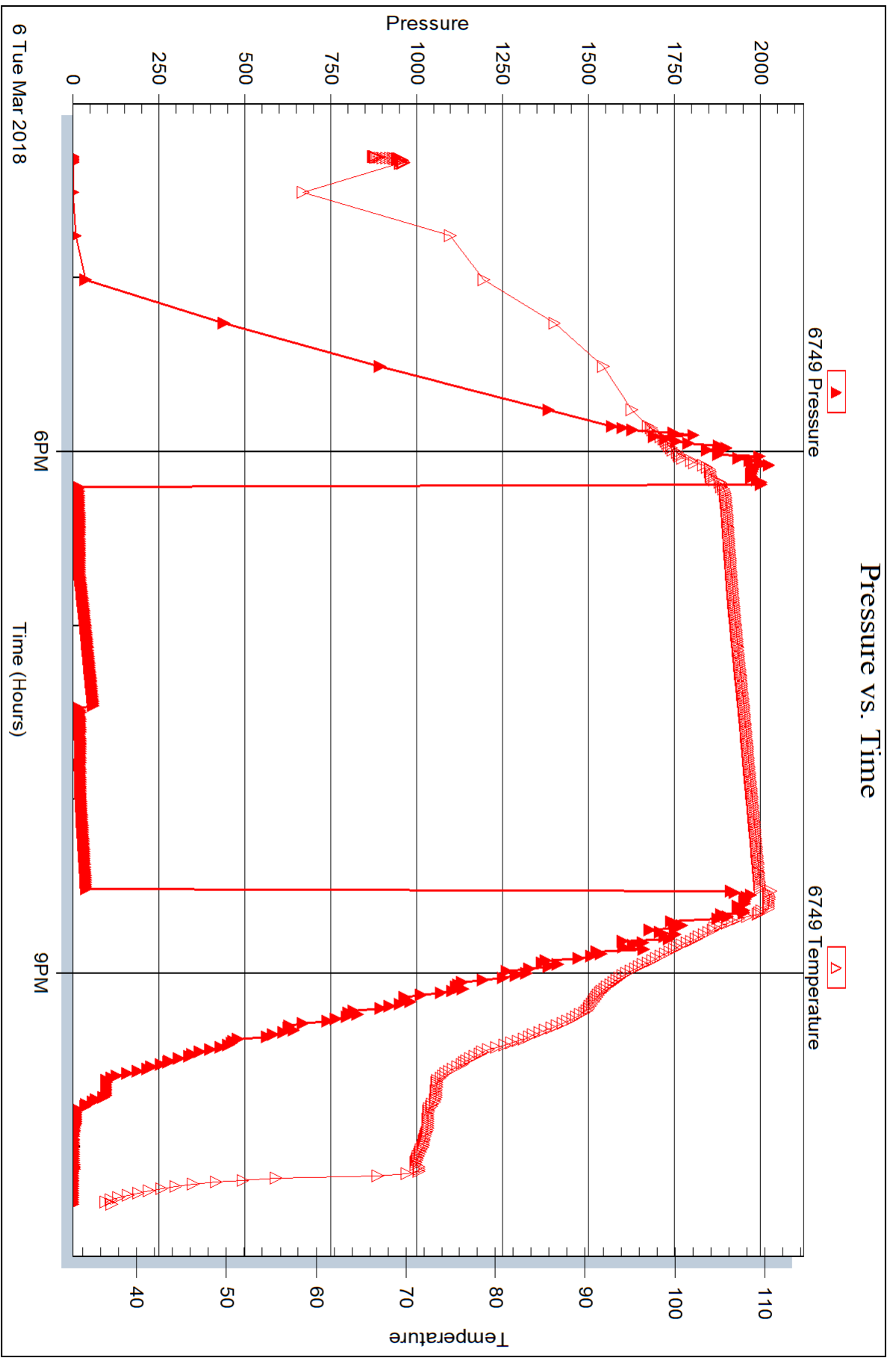
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 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 300 B
Wichita, KS 67206

ATTN: Ken LeBlanc

Beacon Hill #1-20

20-27S-14W Pratt,KS

Start Date: 2018.03.08 @ 20:15:17

End Date: 2018.03.09 @ 05:19:19

Job Ticket #: 63368 DST #: 3

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

Printed: 2018.03.13 @ 09:05:33



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkw y
 Bldg 300 B
 Wichita, KS 67206
 ATTN: Ken LeBlanc

20-27S-14W Pratt,KS

Beacon Hill #1-20

Job Ticket: 63368

DST#: 3

Test Start: 2018.03.08 @ 20:15:17

GENERAL INFORMATION:

Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:30:34
 Time Test Ended: 05:19:19
 Interval: **4540.00 ft (KB) To 4567.00 ft (KB) (TVD)**
 Total Depth: 4567.00 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: 2003.00 ft (KB)
 1990.00 ft (CF)
 KB to GR/CF: 13.00 ft

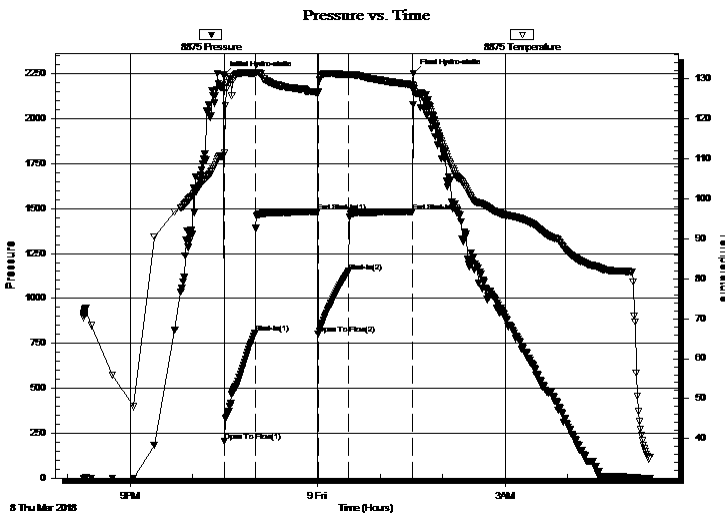
Serial #: 8875

Inside

Press@RunDepth: 1149.37 psig @ 4541.00 ft (KB) Capacity: psig
 Start Date: 2018.03.08 End Date: 2018.03.09 Last Calib.: 2018.03.09
 Start Time: 20:15:18 End Time: 05:19:19 Time On Btm: 2018.03.08 @ 22:29:34
 Time Off Btm: 2018.03.09 @ 01:31:49

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
 IS: 1" Blow Back
 FF: Strong Blow , BOB in 3 minutes
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.76	110.72	Initial Hydro-static
1	206.52	111.40	Open To Flow (1)
31	808.58	131.46	Shut-In(1)
90	1480.49	126.71	End Shut-In(1)
91	800.55	126.55	Open To Flow (2)
121	1149.37	131.07	Shut-In(2)
181	1480.94	128.56	End Shut-In(2)
183	2251.51	127.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	30 GIP	0.00
2394.00	Water	31.93
93.00	SOSWCM 2%O 48%W 50%M	1.30

* 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
1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt, KS
Beacon Hill #1-20
Job Ticket: 63368 **DST#: 3**
Test Start: 2018.03.08 @ 20:15:17

Tool Information

Drill Pipe:	Length: 4357.00 ft	Diameter: 3.80 inches	Volume: 61.12 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 62.01 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4540.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	48.00 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			4524.00	
Hydraulic tool	5.00			4529.00	
Safety Joint	2.00			4531.00	
Packer	5.00			4536.00	21.00 Bottom Of Top Packer
Packer	4.00			4540.00	
Stubb	1.00			4541.00	
Recorder	0.00	8875	Inside	4541.00	
Recorder	0.00	6749	Outside	4541.00	
Perforations	23.00			4564.00	
Bullnose	3.00			4567.00	27.00 Bottom Packers & Anchor
Total Tool Length:	48.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt,KS
Beacon Hill #1-20
Job Ticket: 63368 **DST#: 3**
Test Start: 2018.03.08 @ 20:15:17

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:	48000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4300.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	30 GIP	0.000
2394.00	Water	31.933
93.00	SOSWCM 2%O 48%W 50%M	1.305

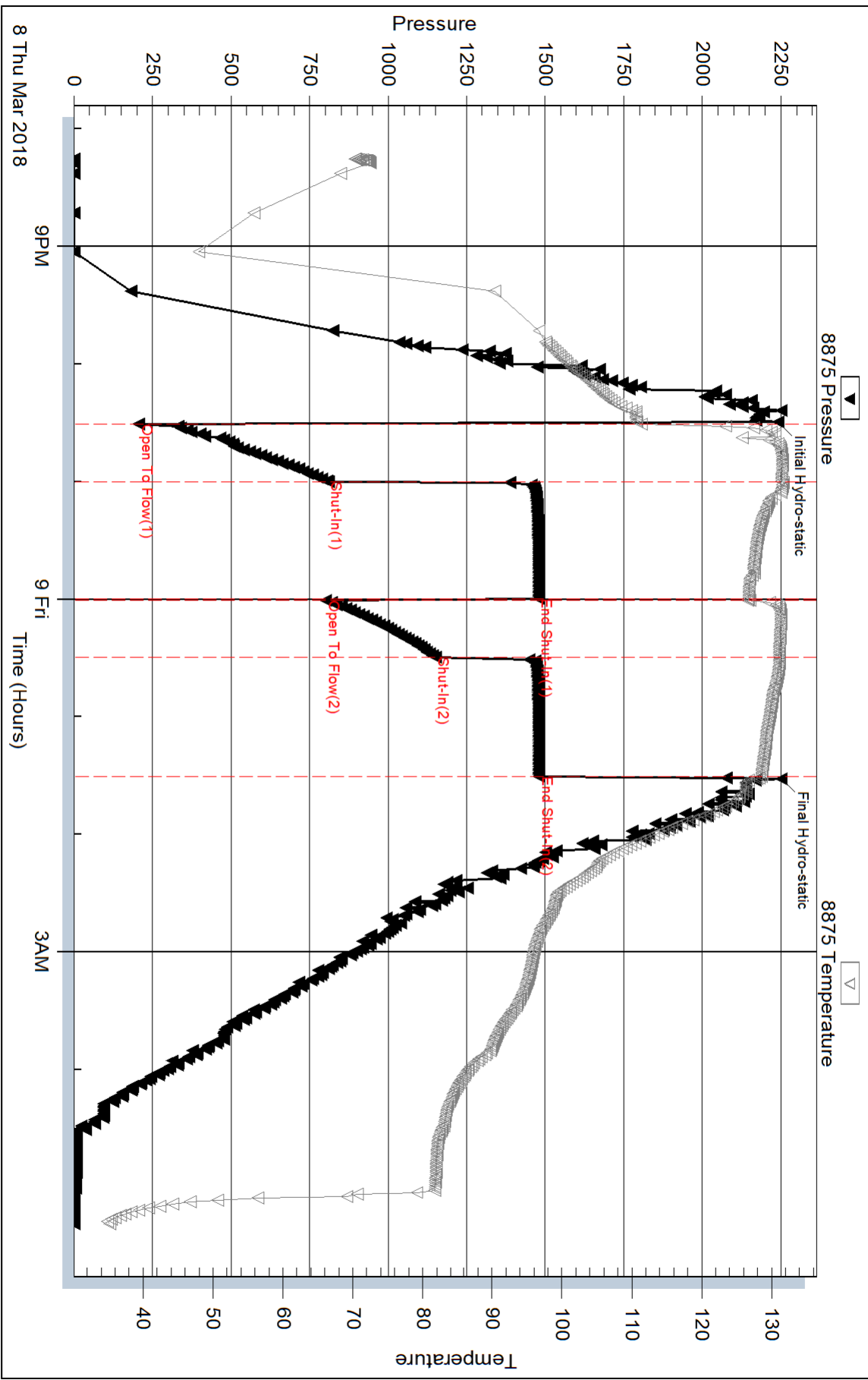
Total Length: 2487.00 ft Total Volume: 33.238 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .28 @40 degrees

Pressure vs. Time



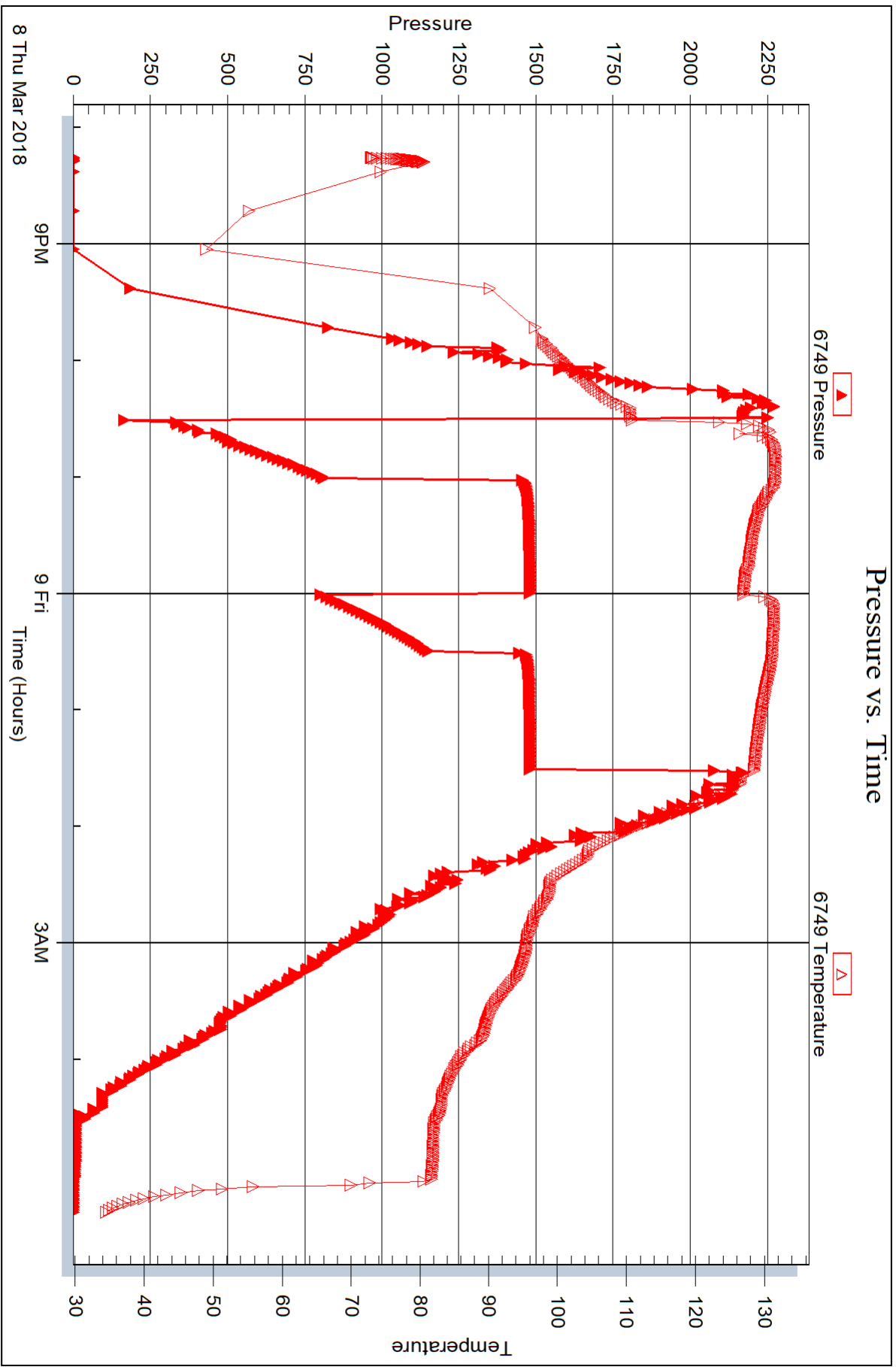
Serial #: 6749

Outside

CMX Inc

Beacon Hill #1-20

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206

ATTN: Ken LeBlanc

Beacon Hill #1-20

20-27S-14W Pratt,KS

Start Date: 2018.03.09 @ 22:22:32

End Date: 2018.03.10 @ 06:10:34

Job Ticket #: 63369 DST #: 4

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

Printed: 2018.03.13 @ 09:04:39



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX Inc
 1700 N Waterfront Pkw y
 Bldg 300 B
 Wichita, KS 67206
 ATTN: Ken LeBlanc

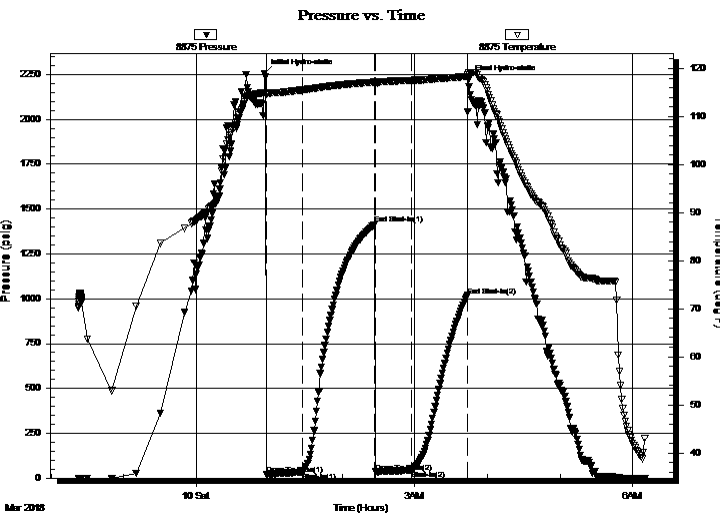
20-27S-14W Pratt, KS
Beacon Hill #1-20
 Job Ticket: 63369 **DST#: 4**
 Test Start: 2018.03.09 @ 22:22:32

GENERAL INFORMATION:

Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:57:19
 Time Test Ended: 06:10:34
 Interval: **4485.00 ft (KB) To 4546.00 ft (KB) (TVD)**
 Total Depth: 4617.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2003.00 ft (KB)
 1990.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 8875 Inside
 Press@RunDepth: 44.84 psig @ 4486.00 ft (KB) Capacity: psig
 Start Date: 2018.03.09 End Date: 2018.03.10 Last Calib.: 2018.03.10
 Start Time: 22:22:33 End Time: 06:10:34 Time On Btm: 2018.03.10 @ 00:55:49
 Time Off Btm: 2018.03.10 @ 03:44:34

TEST COMMENT: IF: Weak 1/2" Blow
 IS: No Blow Back
 FF: Weak Surface Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.43	115.05	Initial Hydro-static
2	19.39	114.56	Open To Flow (1)
32	32.14	115.57	Shut-In(1)
92	1414.84	117.16	End Shut-In(1)
92	34.72	116.85	Open To Flow (2)
122	44.84	117.56	Shut-In(2)
168	1017.44	118.38	End Shut-In(2)
169	2223.48	119.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

CMX Inc
1700 N Waterfront Pkw y
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt, KS

Beacon Hill #1-20

Job Ticket: 63369 **DST#: 4**
Test Start: 2018.03.09 @ 22:22:32

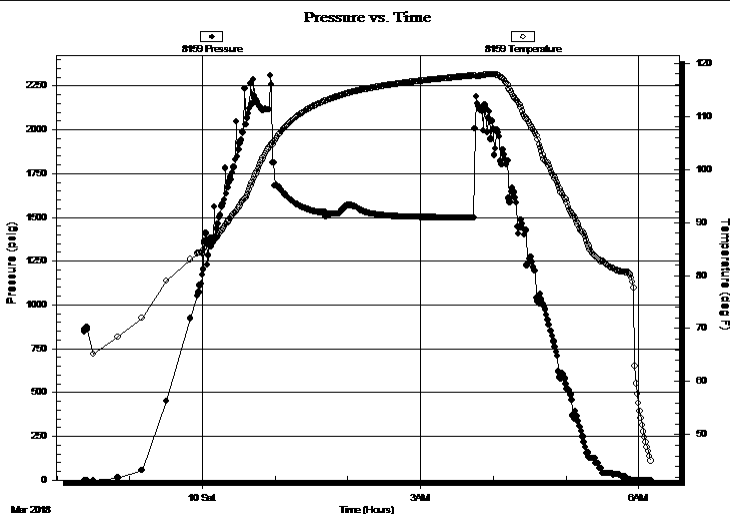
GENERAL INFORMATION:

Formation: Viola			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Straddle (Reset)	
Time Tool Opened: 00:57:19		Tester: Leal Cason	
Time Test Ended: 06:10:34		Unit No: 74	
Interval: 4485.00 ft (KB) To 4546.00 ft (KB) (TVD)		Reference Elevations: 2003.00 ft (KB)	
Total Depth: 4617.00 ft (KB) (TVD)		1990.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 13.00 ft	

Serial #: 8159 Below (Straddle)

Press@RunDepth:	psig @	4550.00 ft (KB)	Capacity:	psig	
Start Date:	2018.03.09	End Date:	2018.03.10	Last Calib.:	1899.12.30
Start Time:	22:22:37	End Time:	06:10:38	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: IF: Weak 1/2" Blow
IS: No Blow Back
FF: Weak Surface Blow
FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc
1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt, KS
Beacon Hill #1-20
Job Ticket: 63369 **DST#: 4**
Test Start: 2018.03.09 @ 22:22:32

Tool Information

Drill Pipe:	Length: 4295.00 ft	Diameter: 3.80 inches	Volume: 60.25 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: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 61.14 bbl	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4485.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	4546.00 ft			
Interval between Packers:	61.00 ft			
Tool Length:	158.00 ft			
Number of Packers:	3	Diameter:	6.75 inches	

Tool Comments: Successful Straddle

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

Shut In Tool	5.00			4464.00	
Hydraulic tool	5.00			4469.00	
Jars	5.00			4474.00	
Safety Joint	2.00			4476.00	
Packer	5.00			4481.00	26.00 Bottom Of Top Packer
Packer	4.00			4485.00	
Stubb	1.00			4486.00	
Recorder	0.00	8875	Inside	4486.00	
Recorder	0.00	6749	Outside	4486.00	
Perforations	2.00			4488.00	
Change Over Sub	1.00			4489.00	
Drill Pipe	31.00			4520.00	
change Over Sub	1.00			4521.00	
perforations	24.00			4545.00	
Blank Off Sub	1.00			4546.00	61.00 Tool Interval
Packer	3.00			4549.00	
Change Over Sub	1.00			4550.00	
Recorder	0.00	8159	Below	4550.00	
Drill Pipe	63.00			4613.00	
Change Over Sub	1.00			4614.00	
Bullnose	3.00			4617.00	71.00 Bottom Packers & Anchor

Total Tool Length: 158.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Inc
1700 N Waterfront Pkwy
Bldg 300 B
Wichita, KS 67206
ATTN: Ken LeBlanc

20-27S-14W Pratt, KS
Beacon Hill #1-20
Job Ticket: 63369 **DST#: 4**
Test Start: 2018.03.09 @ 22:22:32

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: 80.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

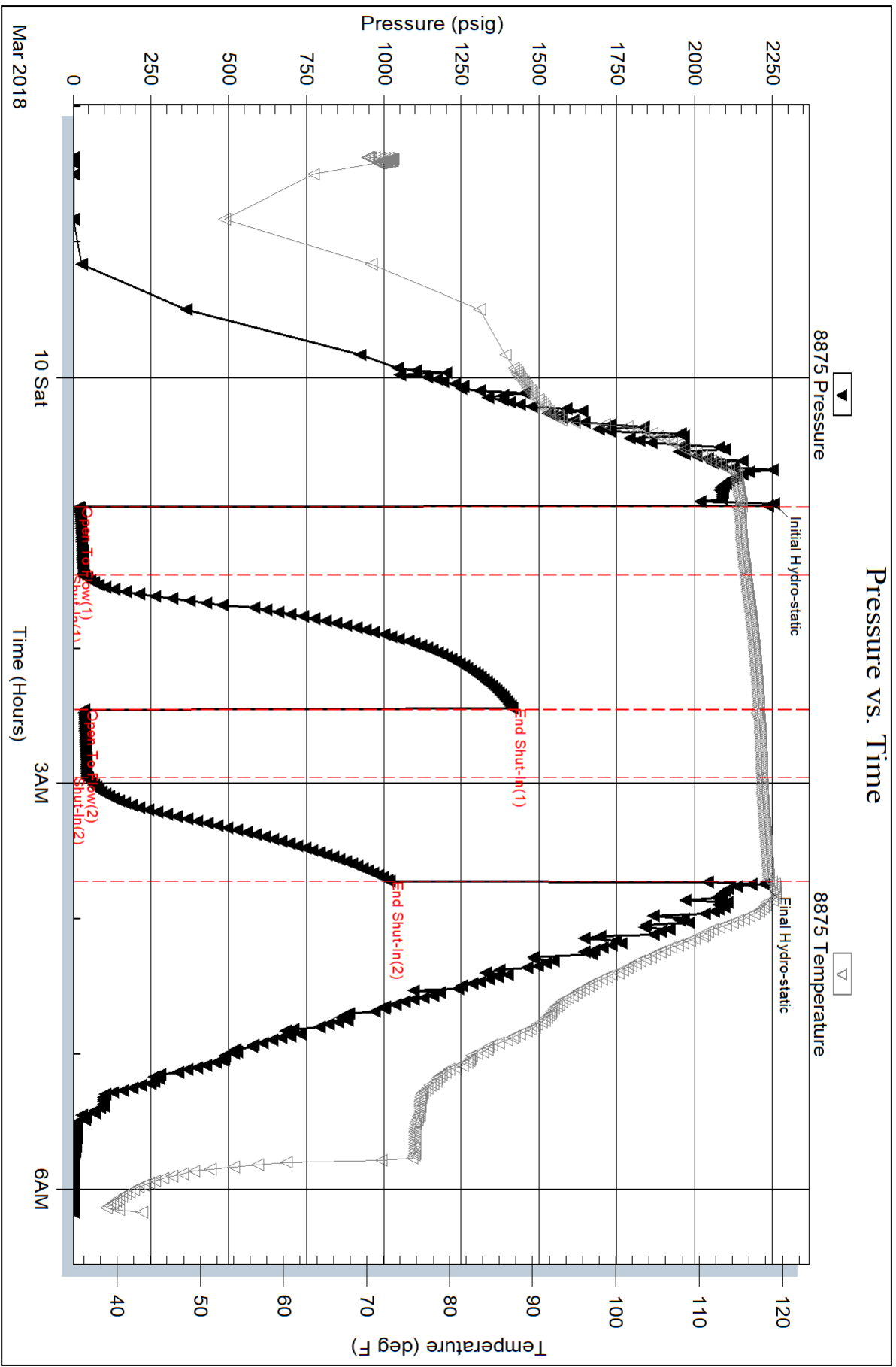
Length ft	Description	Volume bbl
5.00	Mud	0.025

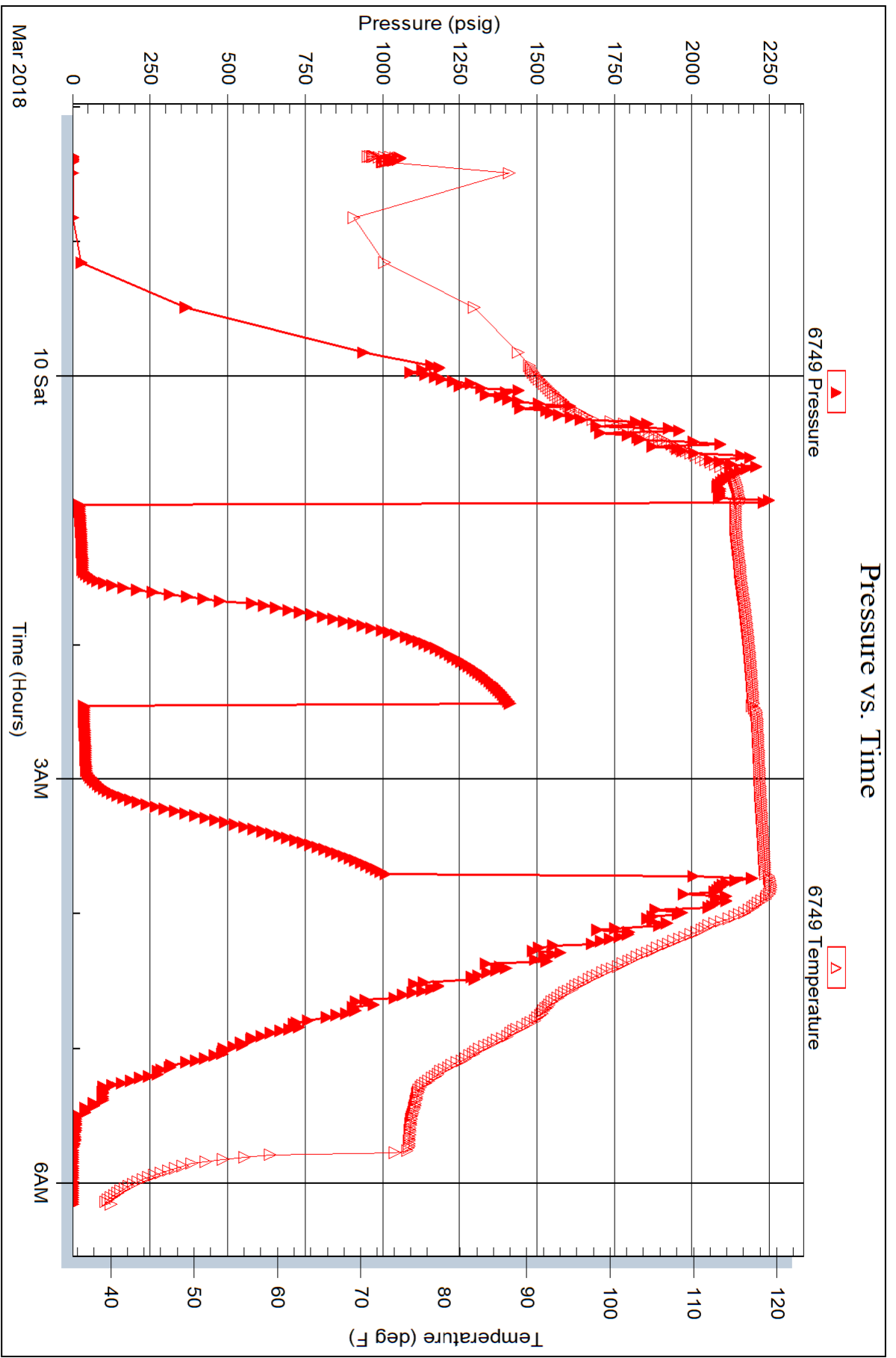
Total Length: 5.00 ft Total Volume: 0.025 bbl

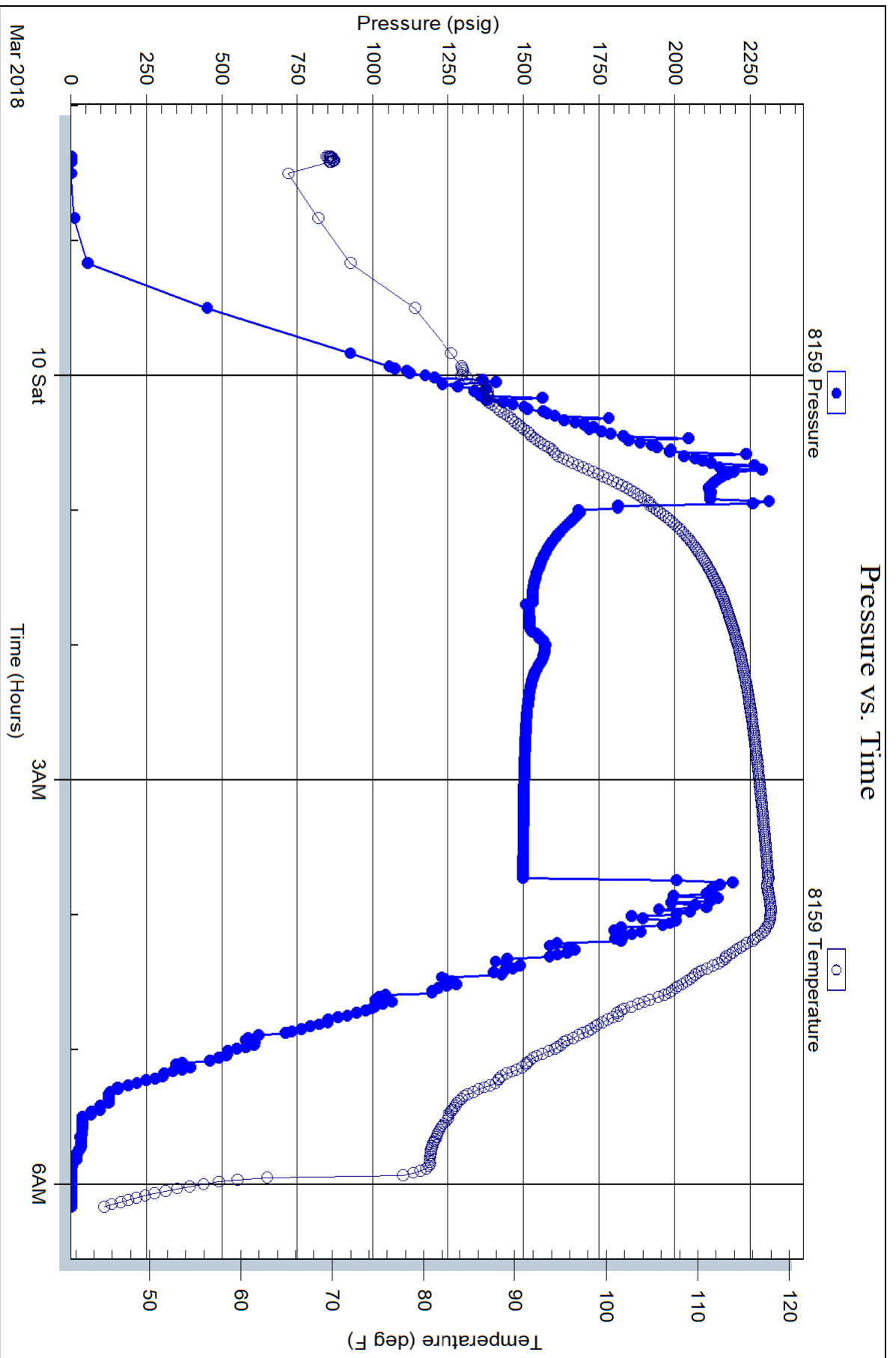
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

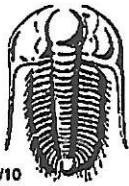
Laboratory Name: Laboratory Location:

Recovery Comments:









TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63366

Well Name & No. Beacon Hill 1-20 Test No. 1 Date 03/05/18
 Company CMX INC Elevation 2003 KB 1990 GL
 Address 1700 N. Waterfront Pkwy Bldg 300B Wichita, KS 67206
 Co. Rep / Geo. Ken Le Blanc Rig Duke 7
 Location: Sec. 20 Twp 27S Rge. 14W Co. Pratt State KS

Interval Tested 3955 - 3975 Zone Tested Lansing "B"
 Anchor Length 20 Drill Pipe Run 3760 Mud Wt. 9.4
 Top Packer Depth 3950 Drill Collars Run 181 Vis 56
 Bottom Packer Depth 3955 Wt. Pipe Run 0 WL 6.8
 Total Depth 3975 Chlorides 3000 ppm System LCM 2#

Blow Description IF: Strong Blow, BOB in 30 seconds, Built to 243 inches
ISI: Blow Back Built to 44 inches
FF: Strong Blow, BOB Immediate, Built to 231 inches
FST: Blow Back Built to 25 inches

Rec	Feet of	%gas	%oil	%water	%mud
<u>3175</u>	<u>GIP</u>				
<u>166</u>	<u>GW MCO</u>	<u>20</u>	<u>58</u>	<u>10</u>	<u>12</u>
<u>63</u>	<u>GOMCW</u>	<u>10</u>	<u>2</u>	<u>78</u>	<u>10</u>
<u>527</u>	<u>Water</u>				
Rec	Feet of	%gas	%oil	%water	%mud

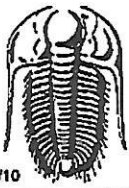
Rec Total 756 BHT 120 Gravity 1.10 API RW 15 @ 42 °F Chlorides 87000 ppm

(A) Initial Hydrostatic	<u>2002</u>	<input checked="" type="checkbox"/> Test	<u>1050</u>	T-On Location	<u>14:00</u>
(B) First Initial Flow	<u>105</u>	<input type="checkbox"/> Jars		T-Started	<u>15:22</u>
(C) First Final Flow	<u>186</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>17:20</u>
(D) Initial Shut-In	<u>1318</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>20:40</u>
(E) Second Initial Flow	<u>196</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>23:12</u>
(F) Second Final Flow	<u>366</u>	<input checked="" type="checkbox"/> Mileage	<u>20</u> 20	Comments	
(G) Final Shut-In	<u>1315</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1911</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>49</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>60</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Day Standby		Total	<u>1145</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1145</u>		

Approved By Ken Le Blanc 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.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63367

Well Name & No. Beacon Hill 1-20 Test No. 2 Date 03/06/18
 Company CMX inc Elevation 2003 KB 1990 GL
 Address 1700 N. Waterfront Pkwy Bldg 300B Wichita, KS 67206
 Co. Rep / Geo. Ken LeBlanc Rig Duke 7
 Location: Sec. 20 Twp 27S Rge. 14W Co. Pratt State KS

Interval Tested 4085 - 4100 Zone Tested Lansing "H"
 Anchor Length 15 Drill Pipe Run 3885 Mud Wt. 9.15
 Top Packer Depth 4080 Drill Collars Run 181 Vis 52
 Bottom Packer Depth 4085 Wt. Pipe Run 0 WL 6.0
 Total Depth 4100 Chlorides 4000 ppm System LCM 2

Blow Description IF: weak Blow, Built to 3 inches
ISI: NO Blow Back
FF: weak 1/2 inch Blow
FSI: NO Blow Back

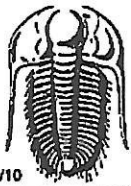
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>				

Rec Total 5 BHT 110 Gravity NIC API RW NIC @ NIC F Chlorides NIC ppm
 Test 1150 T-On Location 15:30
 Jars _____ T-Started 16:18
 Safety Joint 75 T-Open 18:12
 Circ Sub _____ T-Pulled 20:31
 Hourly Standby _____ T-Out 22:20
 Mileage 20 20 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1245

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 30
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1245
 MP/DST Disc't _____

Approved By Ken LeBlanc Our Representative _____

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

NO. **63368**

Well Name & No. Beacon Hill 1-20 Test No. 3 Date 03/08/18
 Company CMX JAC Elevation 2003 KB 1990 GL
 Address 1700 N Waterfront PKWY Bldg 300B Wichita, KS 67206
 Co. Rep / Geo. Ken LeBlanc Rig Duke 7
 Location: Sec. 20 Twp 27S Rge. 14W Co. Pratt State KS

Interval Tested 4540 - 4567 Zone Tested Simpson
 Anchor Length 27 Drill Pipe Run 4357 Mud Wt. 9.2
 Top Packer Depth 4535 Drill Collars Run 181 Vis 53
 Bottom Packer Depth 4540 Wt. Pipe Run 0 WL 6.0
 Total Depth 4567 Chlorides 4300 ppm System LCM 4

Blow Description IF: strong Blow, BOB in 2 minutes
ISI: 1 inch Blow Back
FF: strong Blow, BOB in 3 minutes
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>GLP</u>				
<u>93</u>	<u>505 WCM</u>		<u>2</u>	<u>48</u>	<u>50</u>
<u>2394</u>	<u>water</u>				
_____	_____				
_____	_____				

Rec Total 2487 BHT 128 Gravity NIC API RW 28 @ 40 °F Chlorides 48000 ppm

- (A) Initial Hydrostatic 2242
- (B) First Initial Flow 206
- (C) First Final Flow 809
- (D) Initial Shut-In 1480
- (E) Second Initial Flow 800
- (F) Second Final Flow 1149
- (G) Final Shut-In 1481
- (H) Final Hydrostatic 2251

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

- Test 1150
- Jars _____
- Safety Joint 75
- Circ Sub _____
- Hourly Standby _____
- Mileage 20 20
- Sampler _____
- Straddle _____
- Shale Packer _____
- Extra Packer _____
- Extra Recorder _____
- Day Standby 1.5d 9h
- Accessibility _____
- Sub Total 1245

- T-On Location 19:15
- T-Started 20:15
- T-Open 22:30
- T-Pulled 01:30
- T-Out 05:19

- Comments _____
- Ruined Shale Packer _____
- Ruined Packer _____
- Extra Copies _____
- Sub Total 300
- Total 1545
- MP/DST Disc't _____

Approved By Ken LeBlanc Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63369

Well Name & No. Beacon Hill 1-20 Test No. 4 Date 03/09/18
 Company CMX INC Elevation 2003 KB 1990 GL
 Address 1700 N Waterfront PKwy Bldg 300B Wichita, KS 67206
 Co. Rep / Geo. Ken LeBlanc Rig Duke 7
 Location: Sec. 20 Twp 27S Rge. 14W Co. P10A7 State KS

Interval Tested 4485 - 4546 Zone Tested Viola
 Anchor Length 61 Drill Pipe Run 4295 Mud Wt. 9.25
 Top Packer Depth 4480 Drill Collars Run 181 Vis 80
 Bottom Packer Depth 4516 Wt. Pipe Run 0 WL 6.4
 Total Depth 4617 Chlorides 41000 ppm System LCM 4

Blow Description IF: Weak 1/2 inch Blow
ISI: NO Blow Back
FF: Weak surface Blow
F2I: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</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 119 Gravity NK API RW NK @ NK F Chlorides NK ppm
 (A) Initial Hydrostatic 2256 Test 1150 T-On Location 21:15
 (B) First Initial Flow 19 Jars 250 T-Started 22:22
 (C) First Final Flow 32 Safety Joint 75 T-Open 00:57
 (D) Initial Shut-In 1415 Circ Sub _____ T-Pulled 03:43
 (E) Second Initial Flow 35 Hourly Standby _____ T-Out 06:10
 (F) Second Final Flow 45 Mileage 20 20 Comments successful
 (G) Final Shut-In 1017 Sampler _____ straddle
 (H) Final Hydrostatic 2223 Straddle 600 Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 60 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 45 Day Standby _____ Total 2095
 Accessibility _____ MP/DST Disc't _____
 Sub Total 2095

Approved By Ken LeBlanc Our Representative [Signature]

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STATE OF KANSAS



CORPORATION COMMISSION
CONSERVATION DIVISION
266 N. MAIN ST., STE. 220
WICHITA, KS 67202-1513

PHONE: 316-337-6200
FAX: 316-337-6211
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

July 09, 2018

Leah Kasten
CMX, Inc.
1700 N WATERFRONT PKWY BLDG 300B
WICHITA, KS 67206

Re: ACO-1
API 15-151-22467-00-00
BEACON HILL 1-20
SE/4 Sec.20-27S-14W
Pratt County, Kansas

Dear Leah Kasten:

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

The above referenced well was spudded on 02/27/2018 and the ACO-1 was received on July 09, 2018 (not within the 120 days timely requirement).

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

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

Sincerely,

Production Department