

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	Bushton 2-36
Doc ID	1358474

All Electric Logs Run

Dual Induction
Neutron Density
Microresistivity
Sonic

Summary of Changes

Lease Name and Number: Bushton 2-36

API/Permit #: 15-053-21337-00-00

Doc ID: 1358474

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	3	389
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	11/02/2015	06/26/2017
Save Link	../../../../kcc/detail/operatorEditDetail.cfm?docID=1269078	../../../../kcc/detail/operatorEditDetail.cfm?docID=1358474
Total Depth	325	3255



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1269078
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

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

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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
- Geologist Report 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
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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	Bushton 2-36
Doc ID	1269078

All Electric Logs Run

Dual Induction
Neutron Density
Microresistivity
Sonic

Form	ACO1 - Well Completion
Operator	CMX, Inc.
Well Name	Bushton 2-36
Doc ID	1269078

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
		300 gal 7.5%, 500 gal 15% w Solvent, 500 gal 12% Acid	3240 to 3255



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	08/24/2015
INVOICE NUMBER			
91895803			

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 Bushton 2-36
 O LOCATION
 B COUNTY Ellsworth
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40868233	19905		Net - 30 days	09/23/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 08/21/2015 to 08/21/2015				
0040868233				
171812685A Cement-New Well Casing/Pi 08/21/2015 Cement 8 5/8" Surface				
60/40 POZ	235.00	EA	4.80	1,127.93 T
Calloflake	59.00	EA	1.48	87.31 T
Calcium Chloride	609.00	EA	0.42	255.78 T
"Wooden Cmt Plug, 8 5/8""	1.00	EA	64.00	64.00
"Unit Mileage Chg (PU, cars one way)"	65.00	MI	1.80	116.99
Heavy Equipment Mileage	130.00	MI	3.00	389.97
"Proppant & Bulk Del. Chgs., per ton mil	660.00	EA	1.00	659.95
Depth Charge; 0-500'	1.00	EA	399.97	399.97
Blending & Mixing Service Charge	235.00	BAG	0.56	131.59
Plug Container Util. Chg.	1.00	EA	99.99	99.99
"Service Supervisor, first 8 hrs on loc.	1.00	EA	69.99	69.99

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,403.45
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	110.33
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	3,513.78
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		

Customer <i>CMX, Inc</i>	Lease No.	Date <i>8/21/15</i>
Lease <i>Buchton</i>	Well # <i>2-56</i>	
Field Order # <i>12685A</i>	Station <i>Pratt KS</i>	Casing <i>8 5/8</i>
		Depth <i>389.89</i>
Type Job <i>8 3/8 Surface Pipe CNW</i>	Formation	Legal Description <i>36-17-10</i>
		County <i>Cherokee</i>
		State <i>KS</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 3/8</i>				Pre Pad	Max		5 Min.	
Depth <i>389.89</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>24.70</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>500</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>5 3/4</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth	Packer Depth	From	To					

Customer Representative <i>Lee</i>	Station Manager <i>Kevin Gaidley</i>	Treater <i>Scott Givens</i>
Service Units <i>38970</i>	<i>77086</i>	<i>19903</i>
Driver Names <i>Scott</i>	<i>Mike</i>	<i>Ed</i>
	<i>19905</i>	<i>19967</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:30</i>					<i>On location Safety Meeting, Rig up</i>
<i>11:50</i>					<i>Run casing</i>
<i>1:00</i>					<i>Break circulation</i>
<i>1:25</i>	<i>150</i>			<i>5</i>	<i>Pump 1170 spacer</i>
<i>1:26</i>	<i>250</i>		<i>5</i>	<i>5.6</i>	<i>Mix 235 SKS 60/40 PCZ 14.8 ppb</i>
<i>1:37</i>	<i>200</i>		<i>50.64</i>		<i>shut down circulate to surface</i>
<i>1:38</i>					<i>Release Plug</i>
<i>1:39</i>	<i>150</i>			<i>5.8</i>	<i>start Displacement</i>
<i>1:45</i>	<i>200</i>		<i>23</i>		<i>shut down</i>
					<i>Job Complete</i>



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	09/01/2015
INVOICE NUMBER			
91904535			

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 Bushton 2-36
 O LOCATION
 B COUNTY Ellsworth
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40870710	19905			Net - 30 days	10/01/2015
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 08/28/2015 to 08/28/2015</i>					
0040870710					
171812687A Cement-New Well Casing/Pi 08/28/2015 Cement 5 1/2" Longstring					
AA2 Cement		175.00	EA	7.65	1,338.75 T
60/40 POZ		50.00	EA	5.40	270.00 T
C-41P		33.00	EA	1.80	59.40 T
Salt		810.00	EA	0.23	182.25 T
Cement Friction Reducer		50.00	EA	2.70	135.00 T
FLA-322		83.00	EA	3.37	280.12 T
Mud Flush		500.00	EA	0.68	337.50 T
Gilsonite		875.00	EA	0.30	263.81 T
"Latch Down Plug & Baffle, 5 1/2" (Blue)		1.00	EA	180.00	180.00
"Cmt. Shoe Packer Type, 5 1/2" (Blue) "		1.00	EA	1,260.00	1,260.00
"Turbolizer, 5 1/2" (Blue)"		10.00	EA	49.50	495.00
"5 1/2" Basket (Blue)"		1.00	EA	130.50	130.50
"Unit Mileage Chg (PU, cars one way)"		65.00	MI	2.03	131.63
Heavy Equipment Mileage		130.00	MI	3.38	438.75
"Proppant & Bulk Del. Chgs., per ton mil		676.00	EA	1.13	760.50
Depth Charge; 3001-4000'		1.00	EA	972.00	972.00
Blending & Mixing Service Charge		225.00	BAG	0.63	141.75
Plug Container Util. Chg.		1.00	EA	112.50	112.50
"Service Supervisor, first 8 hrs on loc.		1.00	EA	78.75	78.75
PLEASE REMIT TO:		SEND OTHER CORRESPONDENCE TO:		SUB TOTAL	7,568.21
BASIC ENERGY SERVICES, LP		BASIC ENERGY SERVICES, LP		TAX	215.01
PO BOX 841903		801 CHERRY ST, STE 2100		INVOICE TOTAL	7,783.22
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 12687 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>8/28/15</u> DISTRICT _____		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 <u>CMY Inc.</u>		LEASE <u>Bushton</u>		WELL NO. <u>2-36</u>					
ADDRESS _____		COUNTY <u>Ellsworth</u>		STATE <u>Ks</u>					
CITY _____ STATE _____		SERVICE CREW <u>Scott, Mike, James</u>							
AUTHORIZED BY <u>Keith</u>		JOB TYPE: <u>5 1/2 Long string cml</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
<u>19905</u>	<u>1</u>								
<u>19960</u>	<u>.5</u>								
						ARRIVED AT JOB	<u>8/27/15</u>	AM	<u>11:15</u>
						START OPERATION	<u>8/28/15</u>	AM	<u>3:20</u>
						FINISH OPERATION	<u>8/28/15</u>	AM	<u>4:27</u>
						RELEASED	<u>8/28/15</u>	AM	<u>4:45</u>
						MILES FROM STATION TO WELL _____			

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CPK05</u>	<u>AA7 Cement</u>	<u>SK</u>	<u>175</u>		<u>2975.00</u>
<u>CP105</u>	<u>60/40 1207</u>	<u>SK</u>	<u>50</u>		<u>600.00</u>
<u>CC105</u>	<u>C-41P</u>	<u>lb</u>	<u>33</u>		<u>137.00</u>
<u>CC111</u>	<u>Salt</u>	<u>lb</u>	<u>810</u>		<u>405.00</u>
<u>CC112</u>	<u>Cement Friction Reducer</u>	<u>lb</u>	<u>50</u>		<u>300.00</u>
<u>CC129</u>	<u>TIA-322</u>	<u>lb</u>	<u>83</u>		<u>622.50</u>
<u>CC201</u>	<u>Gilsonite</u>	<u>lb</u>	<u>875</u>		<u>586.25</u>
<u>CE607</u>	<u>Latch down Plug + Baffle</u>	<u>EA</u>	<u>1</u>		<u>410.00</u>
<u>CE1051</u>	<u>Cement Slur Pump Type 5 1/2</u>	<u>EA</u>	<u>1</u>		<u>2800.00</u>
<u>CE1051</u>	<u>Turbolizers 5 1/2"</u>	<u>EA</u>	<u>10</u>		<u>1100.00</u>
<u>CE1001</u>	<u>5 1/2 Bumper</u>	<u>EA</u>	<u>1</u>		<u>290.00</u>
<u>CC151</u>	<u>Mud Flush</u>	<u>Gal</u>	<u>5000</u>		<u>7500.00</u>
<u>E100</u>	<u>Unit M. Lead Packings</u>	<u>NI</u>	<u>65</u>		<u>297.50</u>
<u>E101</u>	<u>Heavy Cement M. Lead</u>	<u>M</u>	<u>150</u>		<u>975.00</u>
<u>E115</u>	<u>Pop & Bulk Delivery Fee Mile</u>	<u>TM</u>	<u>676</u>		<u>1690.00</u>
<u>CE204</u>	<u>Depth Charge 3000 - 4000'</u>	<u>Unit</u>	<u>1</u>		<u>710.00</u>
<u>CE240</u>	<u>Blending + Mixing Service</u>	<u>SK</u>	<u>725</u>		<u>315.00</u>
<u>CE504</u>	<u>Pump Controller</u>	<u>Job</u>	<u>1</u>		<u>2500.00</u>
<u>S103</u>	<u>Service Supervisor</u>	<u>EC</u>	<u>1</u>		<u>175.00</u>
SUB TOTAL					<u>16,818.25</u>

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<u>16,818.25</u>

SERVICE REPRESENTATIVE _____	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Keith</u>
------------------------------	--

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>CMV Inc.</i>		Lease No.		Date	
Lease <i>Bustan</i>		Well # <i>2-26</i>			
Field Order # <i>12687A</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2</i>	Depth <i>3252</i>	County <i>Ellsworth</i>	State <i>KS</i>
Type Job <i>5 1/2 Long string (NW)</i>	Formation			Legal Description <i>36-17-10</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2 15.5</i>								
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
<i>3252</i>								
Volume	Volume	From	To	Pad	Min		10 Min.	
<i>77.3976</i>								
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
<i>2000</i>								
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
<i>5 1/2</i>								
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Kerr</i>			Station Manager <i>Kevin Cuddley</i>			Treater <i>Scott James</i>		
Service Units	<i>3890</i>	<i>7786</i>	<i>19903</i>					
Driver Names	<i>Scott</i>	<i>Mike</i>	<i>James</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:30</i>					<i>On Location Safety Meeting Rig up</i>
<i>12:30</i>					<i>Run Float Equipment (Table in Shop)</i>
					<i>Basket #2 Tubing 3,5,7,9,11,13,15,17,19,21</i>
<i>1:45</i>					<i>Begin Circulation</i>
<i>3:26</i>	<i>1800</i>				<i>Set Packer shoe</i>
<i>3:21</i>	<i>150</i>			<i>4.5</i>	<i>Pump H₂O Spacer</i>
<i>3:24</i>	<i>150</i>		<i>15</i>	<i>4.4</i>	<i>Pump Mud Flush 500 gallons</i>
<i>3:27</i>	<i>200</i>		<i>12</i>	<i>4.5</i>	<i>Pump H₂O Spacer</i>
<i>3:29</i>	<i>250</i>		<i>5</i>	<i>5.2</i>	<i>Mix 175 sks AA7 Cement at 15.5</i>
<i>3:37</i>	<i>0</i>		<i>42.4</i>		<i>Shut down</i>
<i>3:40</i>					<i>wash Pump + lines clean</i>
<i>3:43</i>	<i>0</i>			<i>5.4</i>	<i>Release Plug Shut Displacement</i>
<i>3:50</i>	<i>350</i>		<i>50</i>	<i>5.5</i>	<i>lift pressure</i>
<i>3:55</i>	<i>600</i>		<i>17</i>	<i>3.3</i>	<i>Reduce Rate</i>
<i>3:58</i>	<i>700</i>		<i>9.5</i>	<i>3.5</i>	<i>Plug landed</i>
<i>3:59</i>	<i>1600</i>				<i>pressure up on plug</i>
<i>4:00</i>	<i>0</i>				<i>Release pressure plug hold</i>
<i>4:15</i>	<i>0</i>		<i>8.5</i>	<i>2.5</i>	<i>Plug Rat hole 30 sks CO/40 POG</i>
<i>4:22</i>	<i>0</i>		<i>6</i>	<i>2.5</i>	<i>Plug Mouse hole 20 sks 60/40</i>
					<i>Shut down</i>
					<i>Job Complete</i>



DRILL STEM TEST REPORT

Prepared For: **CMX Incorporated**

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206

ATTN: Ken LeBlanc

Bushton #2-36

36-17s-10w Ellsworth,KS

Start Date: 2015.08.24 @ 08:02:00

End Date: 2015.08.24 @ 10:49:00

Job Ticket #: 63044 DST #: 1

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

Printed: 2015.08.28 @ 14:16:51



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS

Bushton #2-36

Job Ticket: 63044

DST#: 1

Test Start: 2015.08.24 @ 08:02:00

GENERAL INFORMATION:

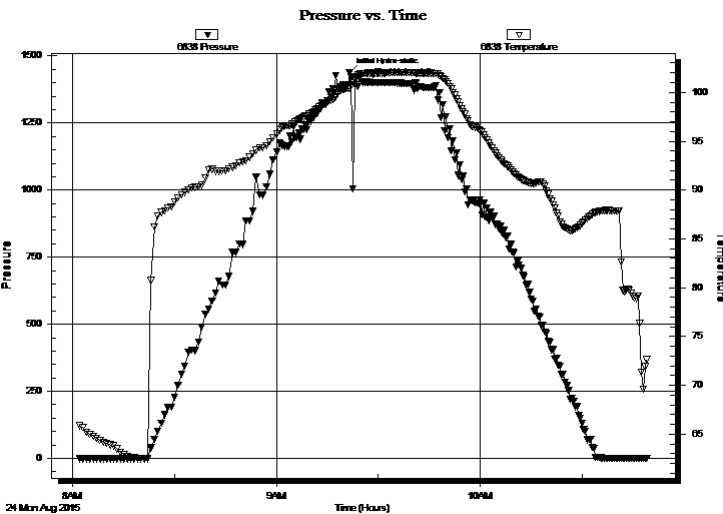
Formation: **LKC B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended: 10:49:00
 Interval: **2905.00 ft (KB) To 2920.00 ft (KB) (TVD)**
 Total Depth: 2920.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 58
 Reference Elevations: 1768.00 ft (KB)
 1760.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6838

Inside

Press@RunDepth: psig @ 2916.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.24 End Date: 2015.08.24 Last Calib.: 1899.12.30
 Start Time: 08:02:00 End Time: 10:49:00 Time On Btm: 2015.08.24 @ 09:21:30
 Time Off Btm: 2015.08.24 @ 09:27:00

TEST COMMENT: Tagged bottom 12' high
 Had to pull 50 over to come back up
 Pull test to recondition hole



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1438.72	100.43	Initial Hydro-static
6	1401.95	101.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63044

DST#: 1

Test Start: 2015.08.24 @ 08:02:00

Tool Information

Drill Pipe:	Length: 2906.00 ft	Diameter: 3.80 inches	Volume: 40.76 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: 90000.00 lb
			<u>Total Volume: 40.76 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2905.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	37.00 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			2888.00	
Hydraulic tool	5.00			2893.00	
Safety Joint	2.00			2895.00	
Top Packer	5.00			2900.00	
Packer	5.00			2905.00	22.00 Bottom Of Top Packer
Anchor	10.00			2915.00	
Recorder	1.00	6838	Inside	2916.00	
Recorder	1.00	6663	Outside	2917.00	
Bullnose	3.00			2920.00	15.00 Anchor Tool
Total Tool Length:	37.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63044

DST#: 1

Test Start: 2015.08.24 @ 08:02:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 43.00 sec/qt

Water Loss: 9.96 in³

Resistivity: ohm.m

Salinity: 6500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

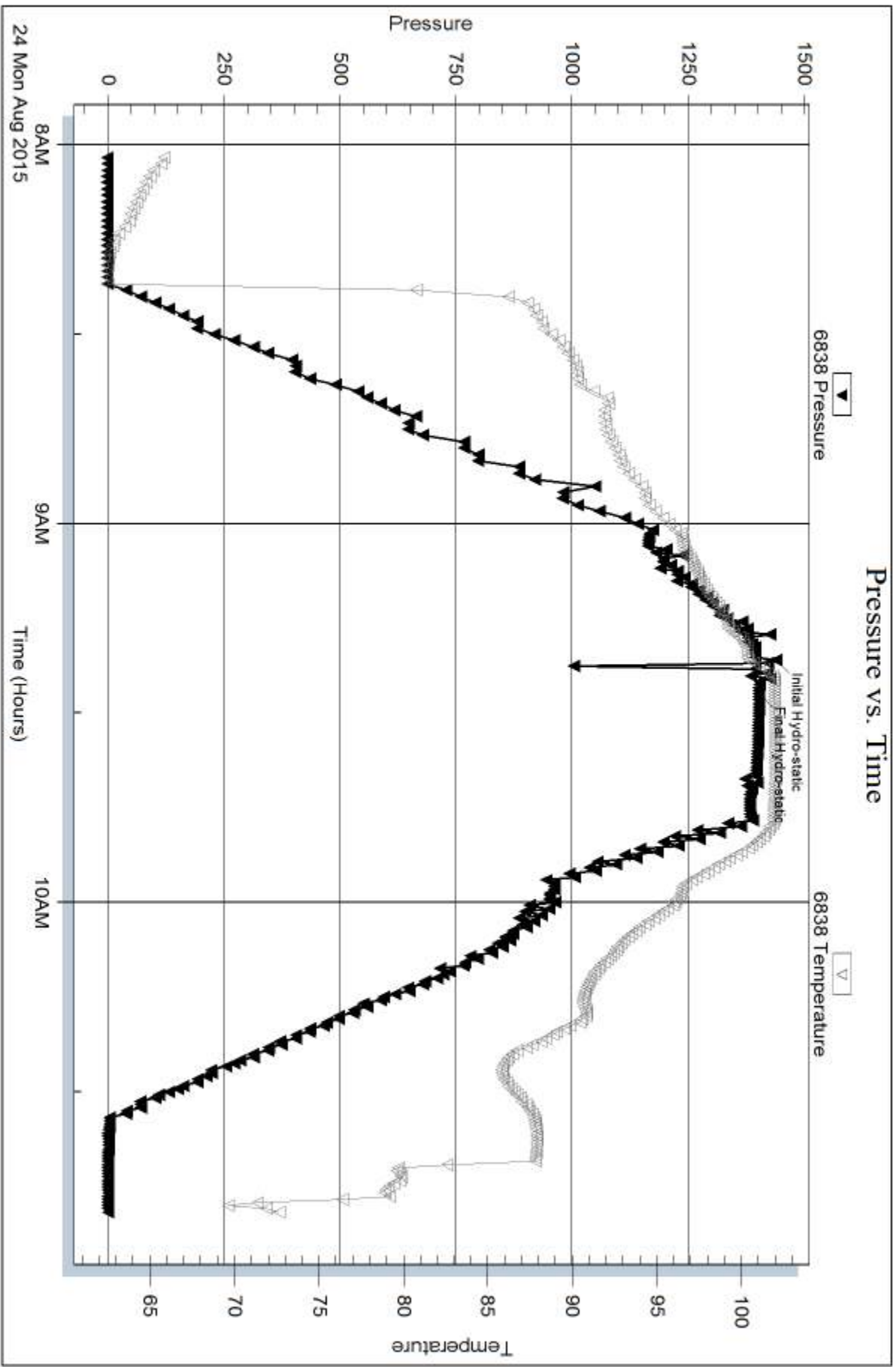
Serial #: 6838

Inside

CMX Incorporated

Bushlon #2-36

DST Test Number: 1

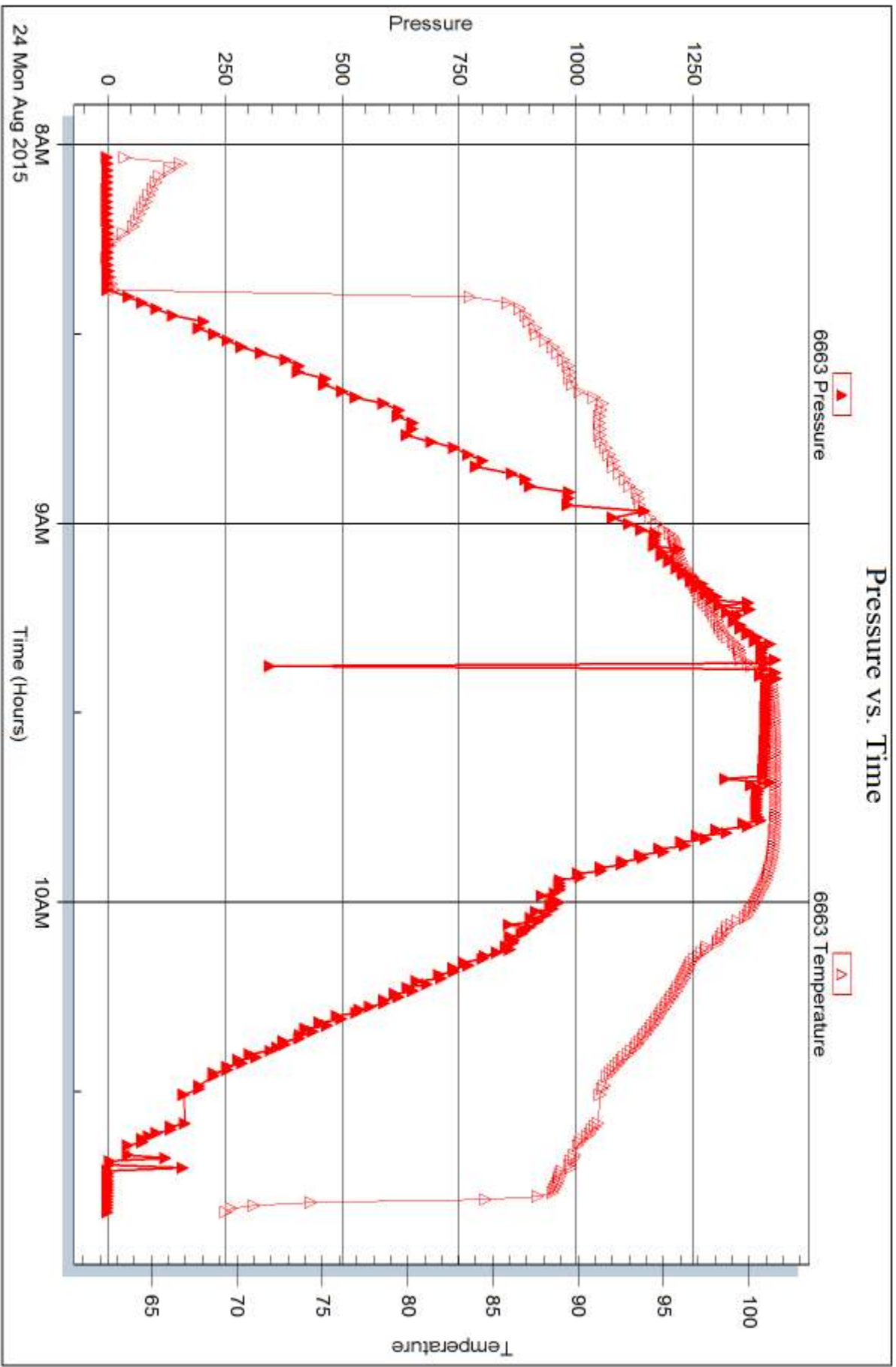


Serial #: 6663

Outside CMX Incorporated

Bushlon #2-36

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63044

Printed: 2015.08.28 @ 14:16:58



DRILL STEM TEST REPORT

Prepared For: **CMX Incorporated**

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206

ATTN: Ken LeBlanc

Bushton #2-36

36-17s-10w Ellsworth,KS

Start Date: 2015.08.24 @ 14:36:00

End Date: 2015.08.24 @ 19:29:00

Job Ticket #: 63045 DST #: 2

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

Printed: 2015.08.28 @ 11:50:32

CMX Incorporated
36-17s-10w Ellsworth,KS
Bushton #2-36
DST # 2
LKC B
2015.08.24



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS

Bushton #2-36

Job Ticket: 63045 **DST#: 2**

Test Start: 2015.08.24 @ 14:36:00

GENERAL INFORMATION:

Formation: **LKC B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:43:00
 Time Test Ended: 19:29:00
 Interval: **2905.00 ft (KB) To 2920.00 ft (KB) (TVD)**
 Total Depth: 2920.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 58
 Reference Elevations: 1768.00 ft (KB)
 1760.00 ft (CF)
 KB to GR/CF: 8.00 ft

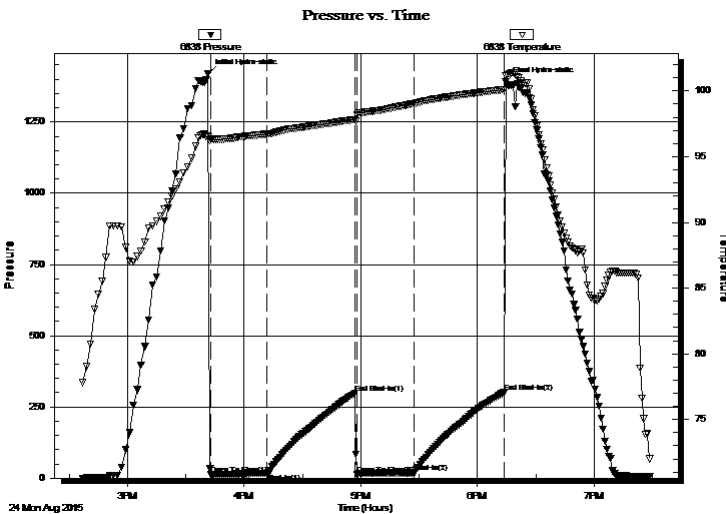
Serial #: 6838

Inside

Press@RunDepth: 18.82 psig @ 2916.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.24 End Date: 2015.08.24 Last Calib.: 2015.08.24
 Start Time: 14:37:00 End Time: 19:29:00 Time On Btm: 2015.08.24 @ 15:41:30
 Time Off Btm: 2015.08.24 @ 18:14:30

TEST COMMENT: IFP 30 Minutes BOB in 15 seconds then died off
 ISI 45 Minutes Slight surface blow back
 FFP 30 Minutes BOB at open then died off
 FSI 45 Minutes Slight surface bow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1420.85	96.49	Initial Hydro-static
2	12.35	96.37	Open To Flow (1)
30	16.77	96.72	Shut-In(1)
76	298.22	97.83	End Shut-In(1)
77	13.52	98.17	Open To Flow (2)
106	18.82	99.05	Shut-In(2)
152	300.09	100.10	End Shut-In(2)
153	1391.54	101.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	800 feet of gas in pipe	0.00
20.00	Mud	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS

Bushton #2-36

Job Ticket: 63045

DST#: 2

Test Start: 2015.08.24 @ 14:36:00

GENERAL INFORMATION:

Formation: **LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:43:00

Time Test Ended: 19:29:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58

Interval: 2905.00 ft (KB) To 2920.00 ft (KB) (TVD)

Reference Elevations: 1768.00 ft (KB)

Total Depth: 2920.00 ft (KB) (TVD)

1760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6663 Outside

Press@RunDepth: 300.89 psig @ 2917.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.24

End Date:

2015.08.24

Last Calib.:

2015.08.24

Start Time: 14:37:00

End Time:

19:29:30

Time On Btm:

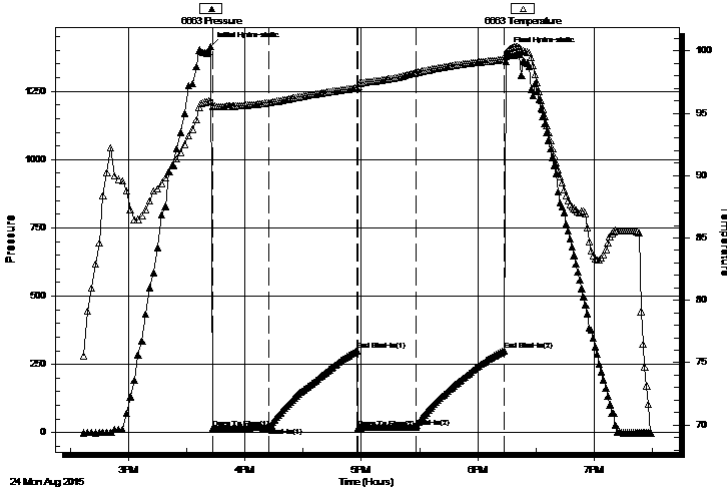
2015.08.24 @ 15:42:30

Time Off Btm:

2015.08.24 @ 18:15:00

TEST COMMENT: IFP 30 Minutes BOB in 15 seconds then died off
ISI 45 Minutes Slight surface blow back
FFP 30 Minutes BOB at open then died off
FSI 45 Minutes Slight surface bow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1414.72	95.99	Initial Hydro-static
1	15.28	95.58	Open To Flow (1)
30	18.57	95.85	Shut-In(1)
75	300.64	97.03	End Shut-In(1)
76	15.97	97.16	Open To Flow (2)
106	20.91	98.24	Shut-In(2)
151	300.89	99.31	End Shut-In(2)
153	1395.92	99.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	800 feet of gas in pipe	0.00
20.00	Mud	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63045

DST#: 2

Test Start: 2015.08.24 @ 14:36:00

Tool Information

Drill Pipe:	Length: 2906.00 ft	Diameter: 3.80 inches	Volume: 40.76 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: 40.76 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	2905.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			2883.00	
Hydraulic tool	5.00			2888.00	
Jars	5.00			2893.00	
Safety Joint	2.00			2895.00	
Top Packer	5.00			2900.00	
Packer	5.00			2905.00	27.00 Bottom Of Top Packer
Anchor	10.00			2915.00	
Recorder	1.00	6838	Inside	2916.00	
Recorder	1.00	6663	Outside	2917.00	
Bullnose	3.00			2920.00	15.00 Anchor Tool
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63045

DST#: 2

Test Start: 2015.08.24 @ 14:36:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 44.00 sec/qt
Water Loss: 7.97 in³
Resistivity: ohm.m
Salinity: 5900.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	800 feet of gas in pipe	0.000
20.00	Mud	0.281

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

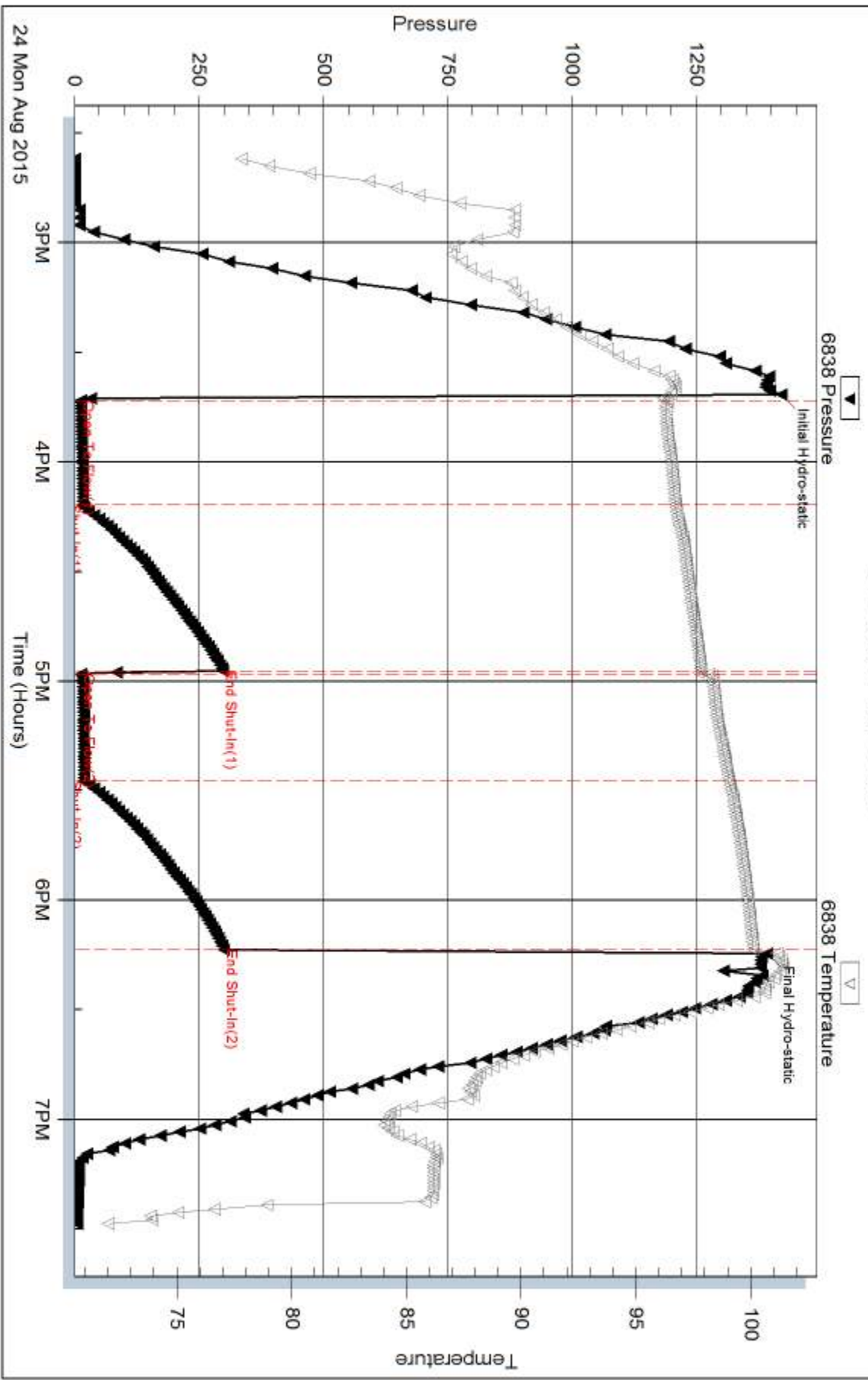
Serial #:

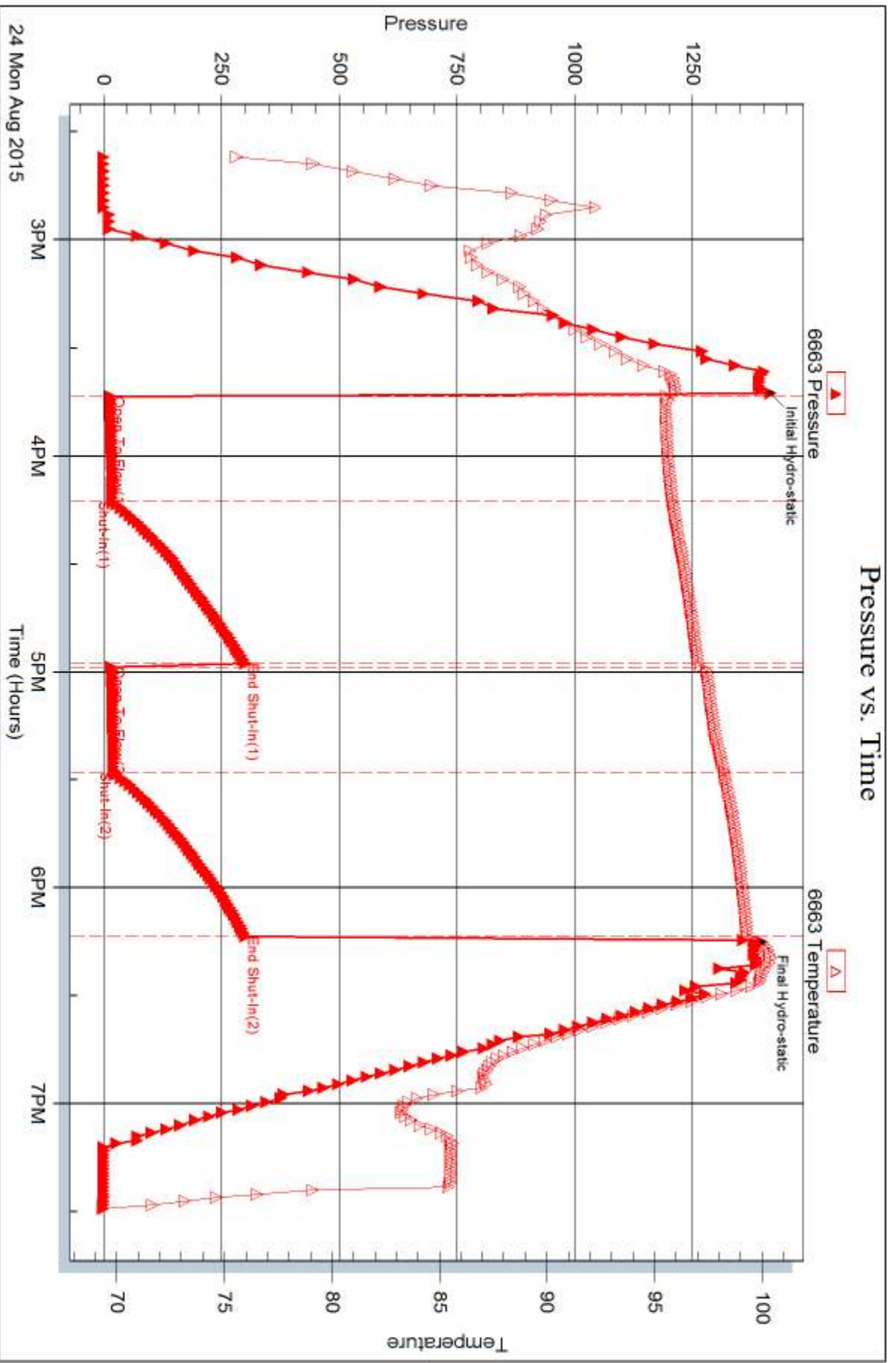
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **CMX Incorporated**

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206

ATTN: Ken LeBlanc

Bushton #2-36

36-17s-10w Ellsworth,KS

Start Date: 2015.08.25 @ 19:30:00

End Date: 2015.08.26 @ 00:12:00

Job Ticket #: 63046 DST #: 3

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

Printed: 2015.08.28 @ 14:20:29

CMX Incorporated

36-17s-10w Ellsworth,KS

Bushton #2-36

DST # 3

Pennsylvania Sand

2015.08.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth, KS

Bushton #2-36

Job Ticket: 63046

DST#: 3

Test Start: 2015.08.25 @ 19:30:00

GENERAL INFORMATION:

Formation: **Pennsylvania Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:58:00

Time Test Ended: 00:12:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58

Interval: 3190.00 ft (KB) To 32330.0 ft (KB) (TVD)

Reference Elevations: 1768.00 ft (KB)

Total Depth: 3230.00 ft (KB) (TVD)

1760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6838 Inside

Press@RunDepth: 21.54 psig @ 3226.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.25 End Date: 2015.08.26

Last Calib.: 2015.08.26

Start Time: 19:31:00 End Time: 00:12:00

Time On Btm: 2015.08.25 @ 20:57:30

Time Off Btm: 2015.08.25 @ 22:59:30

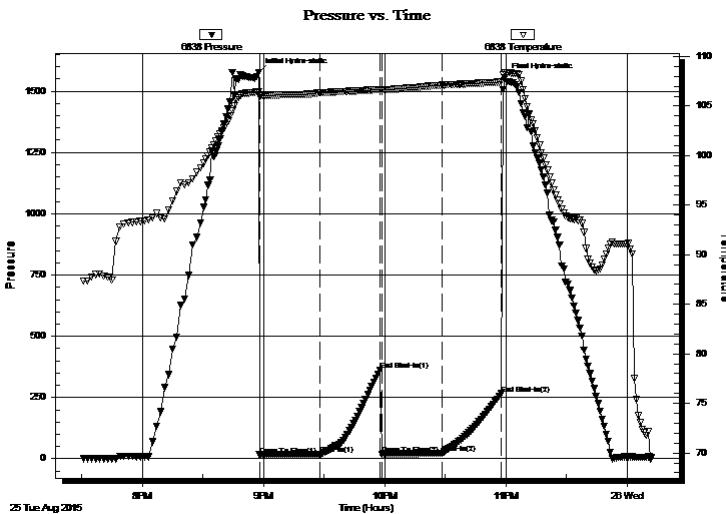
TEST COMMENT: IFP 30 Minutes Weak surface blow died in 10 minutes

ISI 30 Minutes No blow back

FFP 30 Minutes Dead no blow

FSI 30 Minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1574.97	106.47	Initial Hydro-static
1	16.49	105.99	Open To Flow (1)
31	19.02	106.37	Shut-In(1)
60	361.28	106.68	End Shut-In(1)
61	19.99	106.63	Open To Flow (2)
91	21.54	107.10	Shut-In(2)
120	265.38	107.44	End Shut-In(2)
122	1554.77	108.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with show of oil/Mud 100%	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS

Bushton #2-36

Job Ticket: 63046

DST#: 3

Test Start: 2015.08.25 @ 19:30:00

GENERAL INFORMATION:

Formation: **Pennsylvania Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:58:00

Time Test Ended: 00:12:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58

Interval: 3190.00 ft (KB) To 32330.0 ft (KB) (TVD)

Reference Elevations: 1768.00 ft (KB)

Total Depth: 3230.00 ft (KB) (TVD)

1760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6663 Outside

Press@RunDepth: 268.29 psig @ 3227.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.25

End Date:

2015.08.26

Last Calib.:

2015.08.25

Start Time: 19:31:00

End Time:

00:12:30

Time On Btm:

2015.08.25 @ 20:57:30

Time Off Btm:

2015.08.25 @ 22:59:30

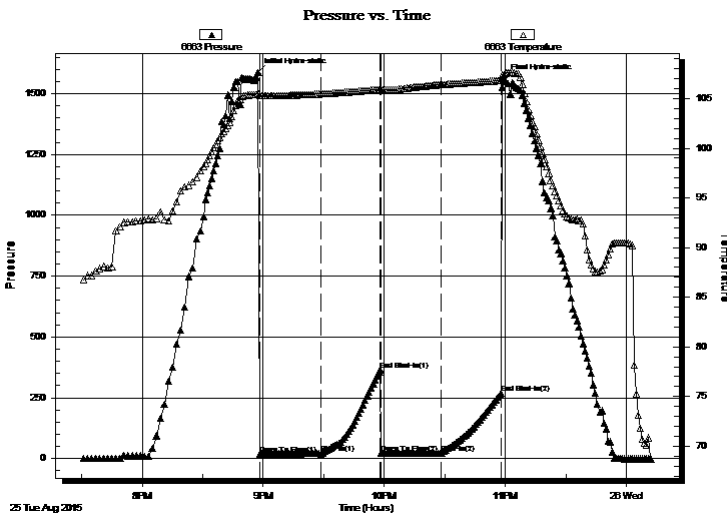
TEST COMMENT: IFP 30 Minutes Weak surface blow died in 10 minutes

ISI 30 Minutes No blow back

FFP 30 Minutes Dead no blow

FSI 30 Minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1587.09	105.55	Initial Hydro-static
1	18.87	105.30	Open To Flow (1)
31	20.32	105.48	Shut-In(1)
61	364.10	105.93	End Shut-In(1)
61	21.36	105.84	Open To Flow (2)
91	22.39	106.40	Shut-In(2)
121	268.29	106.83	End Shut-In(2)
122	1559.96	107.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud with show of oil/Mud 100%	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63046

DST#: 3

Test Start: 2015.08.25 @ 19:30:00

Tool Information

Drill Pipe:	Length: 3183.00 ft	Diameter: 3.80 inches	Volume: 44.65 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: 60000.00 lb
			<u>Total Volume: 44.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3190.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3168.00	
Hydraulic tool	5.00			3173.00	
Jars	5.00			3178.00	
Safety Joint	2.00			3180.00	
Top Packer	5.00			3185.00	
Packer	5.00			3190.00	27.00 Bottom Of Top Packer
Anchor	35.00			3225.00	
Recorder	1.00	6838	Inside	3226.00	
Recorder	1.00	6663	Outside	3227.00	
Bullnose	3.00			3230.00	40.00 Anchor Tool
Total Tool Length:	67.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63046

DST#: 3

Test Start: 2015.08.25 @ 19:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 5700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud with show of oil/Mud 100%	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

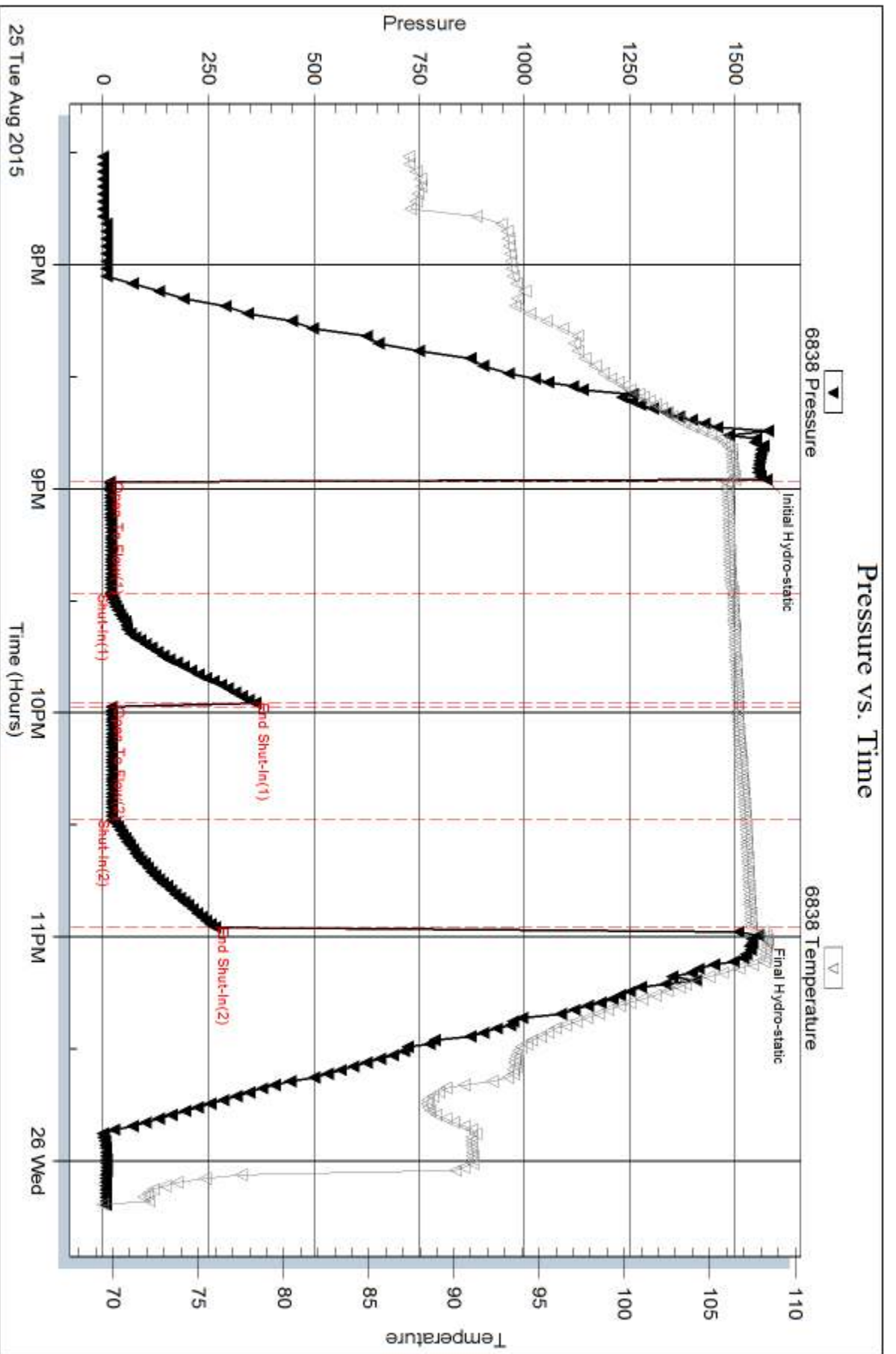
Num Gas Bombs: 0

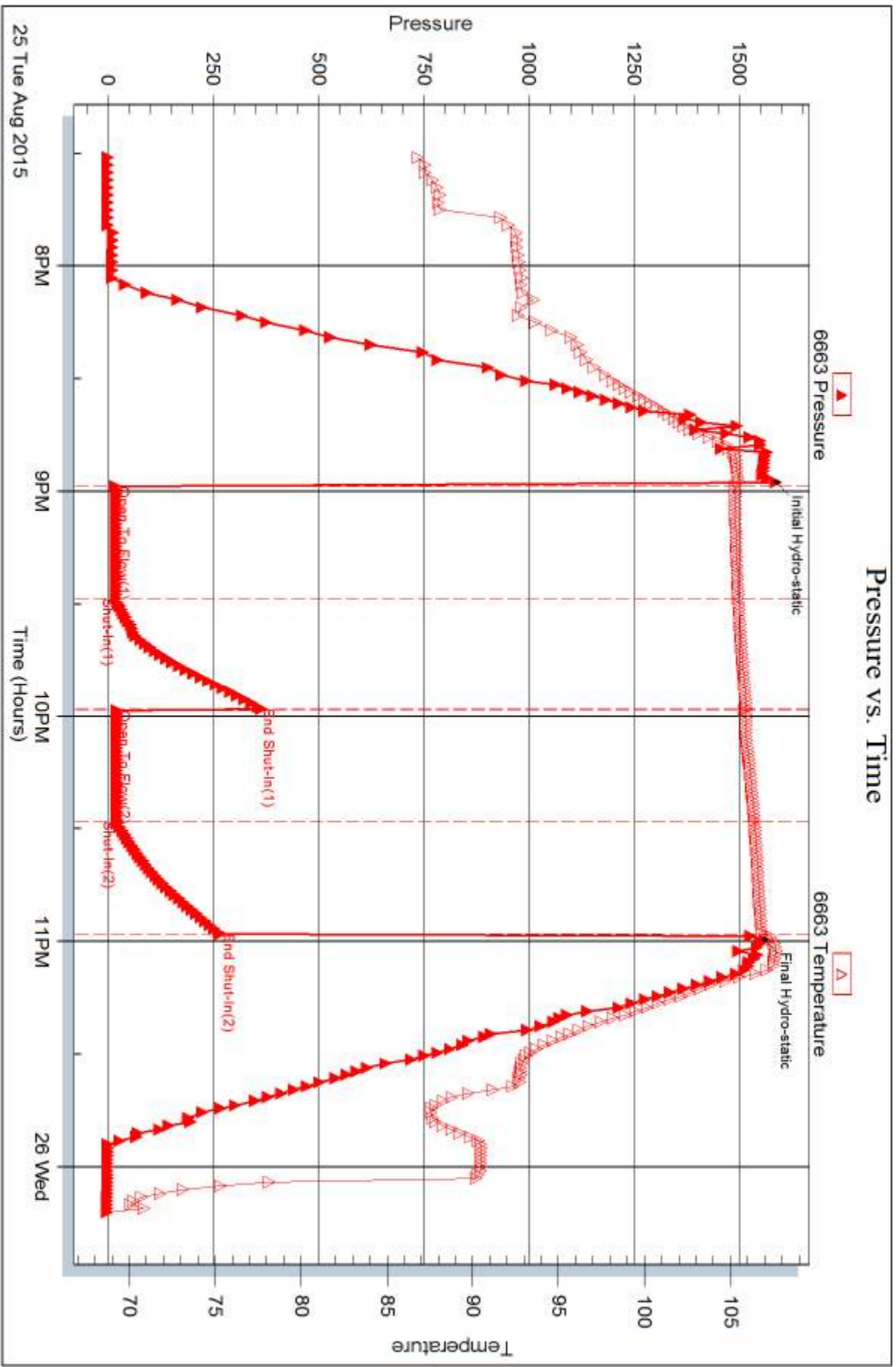
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **CMX Incorporated**

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206

ATTN: Ken LeBlanc

Bushton #2-36

36-17s-10w Ellsworth,KS

Start Date: 2015.08.26 @ 11:06:00

End Date: 2015.08.26 @ 15:33:00

Job Ticket #: 63047 DST #: 4

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

Printed: 2015.08.28 @ 10:58:09



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS

Bushton #2-36

Job Ticket: 63047

DST#: 4

Test Start: 2015.08.26 @ 11:06:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:15:00

Time Test Ended: 15:33:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58

Interval: 3243.00 ft (KB) To 3250.00 ft (KB) (TVD)

Reference Elevations: 1768.00 ft (KB)

Total Depth: 3250.00 ft (KB) (TVD)

1760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6838

Inside

Press@RunDepth: 15.76 psig @ 3246.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.26

End Date:

2015.08.26

Last Calib.:

2015.08.26

Start Time: 11:07:00

End Time:

15:33:00

Time On Btm:

2015.08.26 @ 12:14:00

Time Off Btm:

2015.08.26 @ 14:19:30

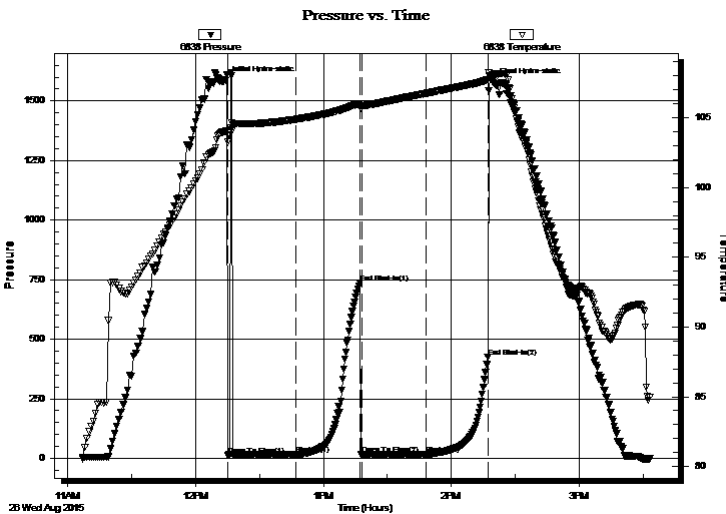
TEST COMMENT: IFP 30 Minutes Few bubbles at open then dead/Reset tool no change

ISI 30 Minutes No blow back

FFP 30 Minutes Dead no blow

FSI 30 Minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.39	104.03	Initial Hydro-static
1	13.94	103.25	Open To Flow (1)
33	16.15	104.89	Shut-In(1)
63	736.97	106.01	End Shut-In(1)
64	16.02	105.85	Open To Flow (2)
94	15.76	106.74	Shut-In(2)
123	425.38	107.72	End Shut-In(2)
126	1577.47	108.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud 100%	0.01
0.50	Free Oil 100%	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth, KS

Bushton #2-36

Job Ticket: 63047

DST#: 4

Test Start: 2015.08.26 @ 11:06:00

GENERAL INFORMATION:

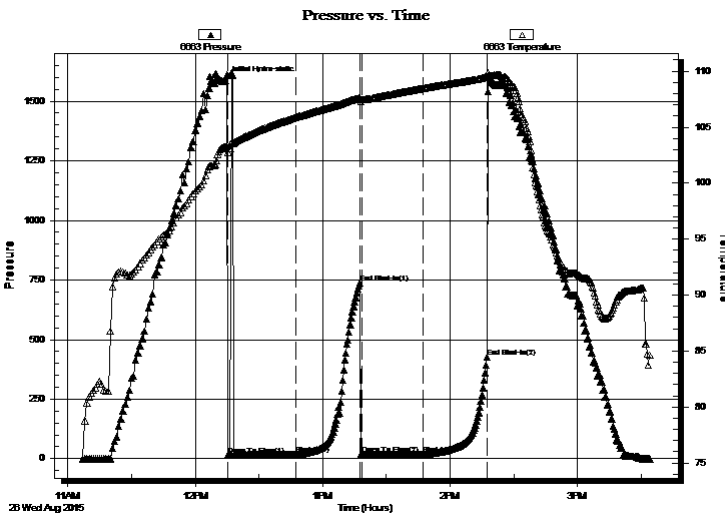
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:15:00
 Time Test Ended: 15:33:00
 Interval: **3243.00 ft (KB) To 3250.00 ft (KB) (TVD)**
 Total Depth: 3250.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 58
 Reference Elevations: 1768.00 ft (KB)
 1760.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6663 Outside

Press@RunDepth: 425.60 psig @ 3247.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.26 End Date: 2015.08.26 Last Calib.: 2015.08.26
 Start Time: 11:07:00 End Time: 15:34:00 Time On Btm: 2015.08.26 @ 12:14:30
 Time Off Btm:

TEST COMMENT: IFP 30 Minutes Few bubbles at open then dead/Reset tool no change
 ISI 30 Minutes No blow back
 FFP 30 Minutes Dead no blow
 FSI 30 Minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.95	103.27	Initial Hydro-static
1	16.30	102.75	Open To Flow (1)
33	18.81	105.88	Shut-In(1)
63	738.52	107.63	End Shut-In(1)
64	18.86	107.46	Open To Flow (2)
93	18.18	108.47	Shut-In(2)
123	425.60	109.51	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud 100%	0.01
0.50	Free Oil 100%	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS
Bushton #2-36
Job Ticket: 63047 **DST#: 4**
Test Start: 2015.08.26 @ 11:06:00

Tool Information

Drill Pipe:	Length: 3247.00 ft	Diameter: 3.80 inches	Volume: 45.55 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: 50000.00 lb
			<u>Total Volume: 45.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3243.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	29.00 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			3226.00	
Hydraulic tool	5.00			3231.00	
Safety Joint	2.00			3233.00	
Top Packer	5.00			3238.00	
Packer	5.00			3243.00	22.00 Bottom Of Top Packer
Anchor	2.00			3245.00	
Recorder	1.00	6838	Inside	3246.00	
Recorder	1.00	6663	Outside	3247.00	
Bullnose	3.00			3250.00	7.00 Anchor Tool
Total Tool Length:	29.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63047

DST#: 4

Test Start: 2015.08.26 @ 11:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 44.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 5700.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud 100%	0.014
0.50	Free Oil 100%	0.007

Total Length: 1.50 ft Total Volume: 0.021 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

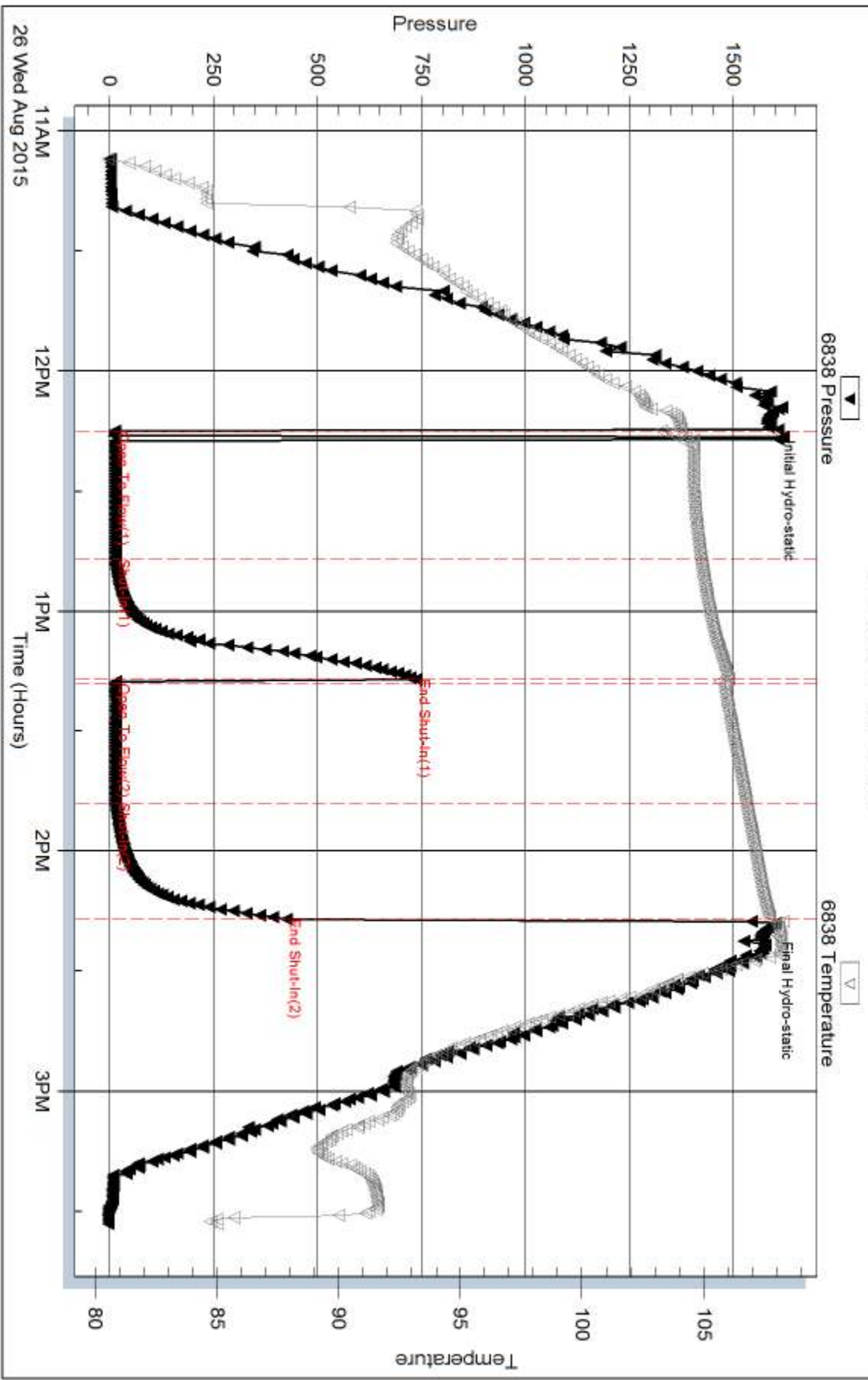
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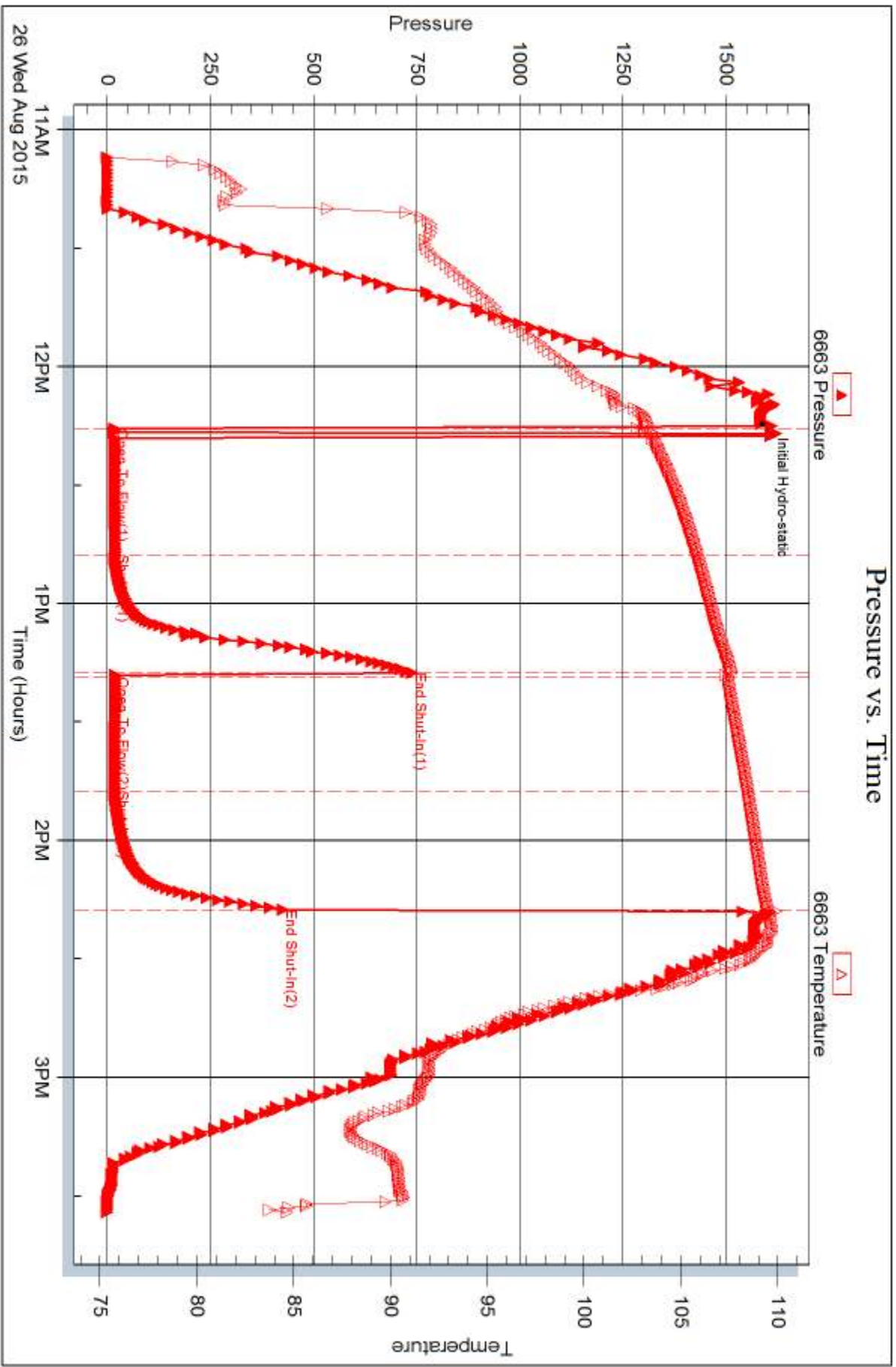
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **CMX Incorporated**

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206

ATTN: Ken LeBlanc

Bushton #2-36

36-17s-10w Ellsworth,KS

Start Date: 2015.08.26 @ 21:05:00

End Date: 2015.08.27 @ 03:51:00

Job Ticket #: 63048 DST #: 5

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

Printed: 2015.08.28 @ 10:56:47



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

CMX Incorporated
 1700 N Waterfront Parkway
 Building 300B
 Wichita, KS 67206
 ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS

Bushton #2-36

Job Ticket: 63048 **DST#: 5**

Test Start: 2015.08.26 @ 21:05:00

GENERAL INFORMATION:

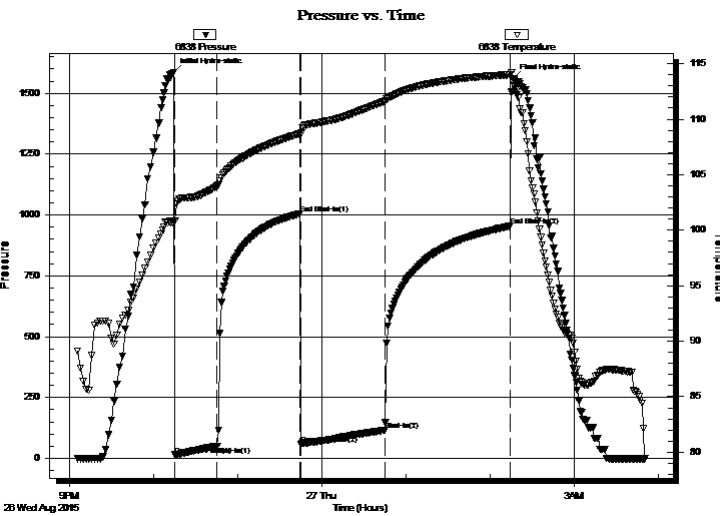
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:15:30
 Time Test Ended: 03:51:00
 Interval: **3250.00 ft (KB) To 3255.00 ft (KB) (TVD)**
 Total Depth: 3255.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 58
 Reference Elevations: 1768.00 ft (KB)
 1760.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6838

Inside

Press@RunDepth: 115.35 psig @ 3251.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.08.26 End Date: 2015.08.27 Last Calib.: 2015.08.27
 Start Time: 21:06:00 End Time: 03:51:00 Time On Btm: 2015.08.26 @ 22:14:30
 Time Off Btm: 2015.08.27 @ 02:17:00

TEST COMMENT: IFP 30 Minutes BOB in 15 minutes 30 seconds
 ISI 60 Minutes Light surface blow back for 10 minutes
 FFP 60 Minutes Fair blow built to 4 1/2" then died to 1"
 FSI 90 Minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1585.99	100.79	Initial Hydro-static
1	13.99	100.87	Open To Flow (1)
31	50.39	103.96	Shut-In(1)
90	1004.98	108.70	End Shut-In(1)
91	57.88	108.75	Open To Flow (2)
151	115.35	111.61	Shut-In(2)
240	953.89	114.00	End Shut-In(2)
243	1561.54	113.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GHOCM Gas 10% Oil 40% Mud 50%	0.42
285.00	CGO Gas 35% Oil 65%	4.00
0.00	315' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

36-17s-10w Ellsworth,KS

Bushton #2-36

Job Ticket: 63048

DST#: 5

Test Start: 2015.08.26 @ 21:05:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:15:30

Time Test Ended: 03:51:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58

Interval: 3250.00 ft (KB) To 3255.00 ft (KB) (TVD)

Reference Elevations: 1768.00 ft (KB)

Total Depth: 3255.00 ft (KB) (TVD)

1760.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6663 Outside

Press@RunDepth: 957.80 psig @ 3252.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.26

End Date: 2015.08.27

Last Calib.: 2015.08.27

Start Time: 21:06:00

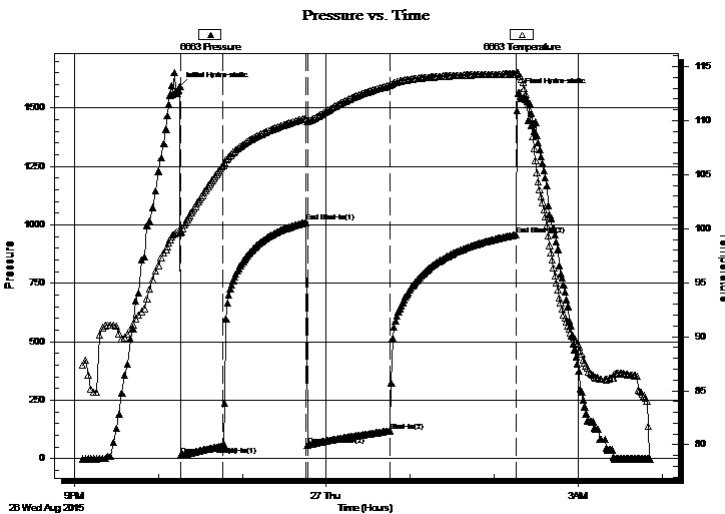
End Time: 03:51:30

Time On Btm: 2015.08.26 @ 22:15:30

Time Off Btm: 2015.08.27 @ 02:17:00

TEST COMMENT: IFP 30 Minutes BOB in 15 minutes 30 seconds
ISI 60 Minutes Light surface blow back for 10 minutes
FFP 60 Minutes Fair blow built to 4 1/2" then died to 1"
FSI 90 Minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1592.01	99.88	Initial Hydro-static
1	16.32	99.58	Open To Flow (1)
31	53.44	105.79	Shut-In(1)
90	1011.17	110.21	End Shut-In(1)
91	58.69	109.95	Open To Flow (2)
150	119.37	113.25	Shut-In(2)
240	957.80	114.31	End Shut-In(2)
242	1564.37	114.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GHOCM Gas 10% Oil 40% Mud 50%	0.42
285.00	CGO Gas 35% Oil 65%	4.00
0.00	315' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63048

DST#: 5

Test Start: 2015.08.26 @ 21:05:00

Tool Information

Drill Pipe:	Length: 3247.00 ft	Diameter: 3.80 inches	Volume: 45.55 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: 52000.00 lb
			<u>Total Volume: 45.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3250.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	5.00 ft			
Tool Length:	27.00 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			3233.00	
Hydraulic tool	5.00			3238.00	
Safety Joint	2.00			3240.00	
Top Packer	5.00			3245.00	
Packer	5.00			3250.00	22.00 Bottom Of Top Packer
Recorder	1.00	6838	Inside	3251.00	
Recorder	1.00	6663	Outside	3252.00	
Bullnose	3.00			3255.00	5.00 Anchor Tool

Total Tool Length: 27.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

36-17s-10w Ellsworth,KS

1700 N Waterfront Parkway
Building 300B
Wichita, KS 67206
ATTN: Ken LeBlanc

Bushton #2-36

Job Ticket: 63048

DST#: 5

Test Start: 2015.08.26 @ 21:05:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 40.00 sec/qt
Water Loss: 8.77 in³
Resistivity: ohm.m
Salinity: 6500.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 43 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GHOCM Gas 10% Oil 40% Mud 50%	0.421
285.00	CGO Gas 35% Oil 65%	3.998
0.00	315' GIP	0.000

Total Length: 315.00 ft Total Volume: 4.419 bbl

Num Fluid Samples: 0

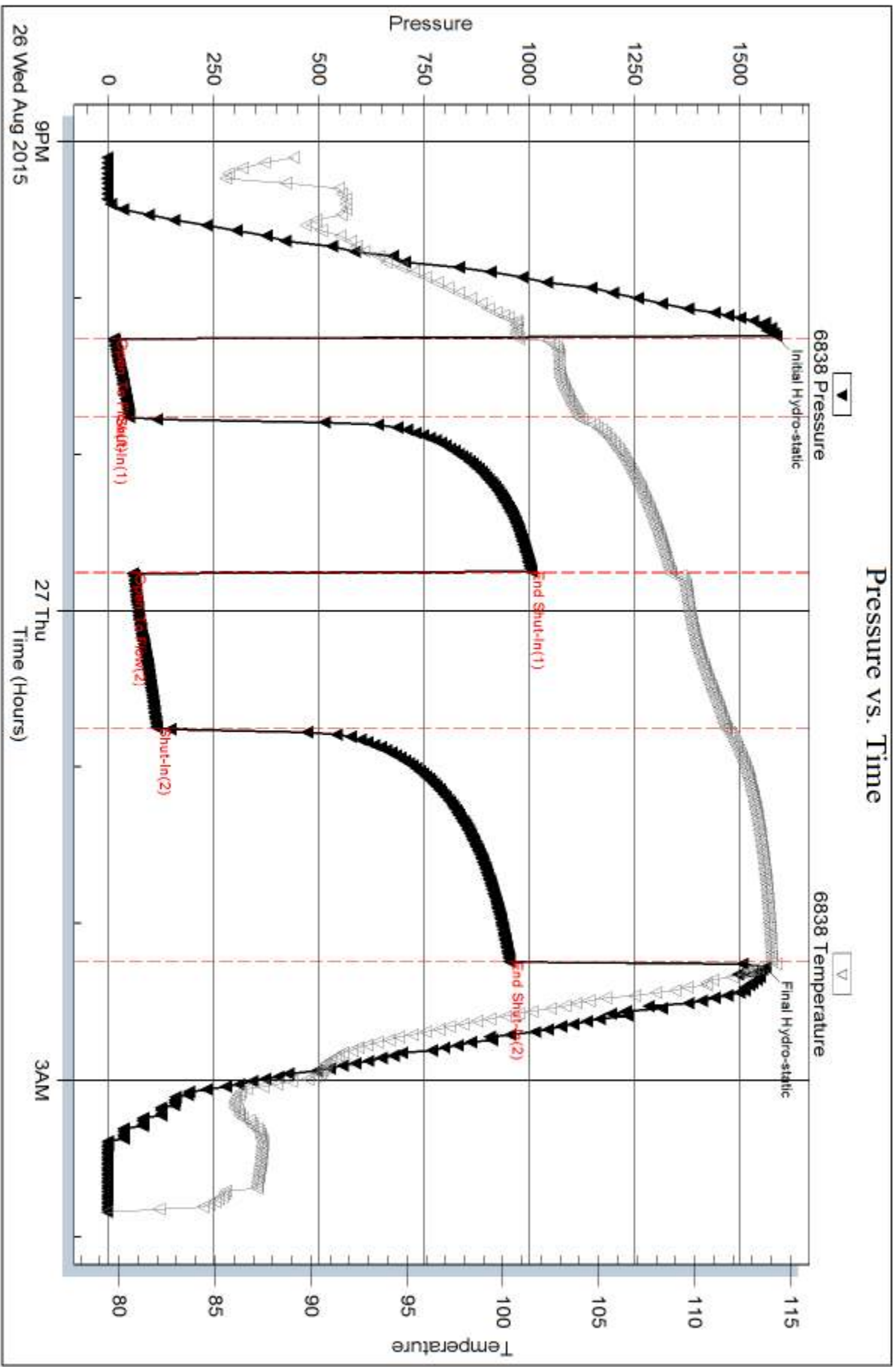
Num Gas Bombs: 0

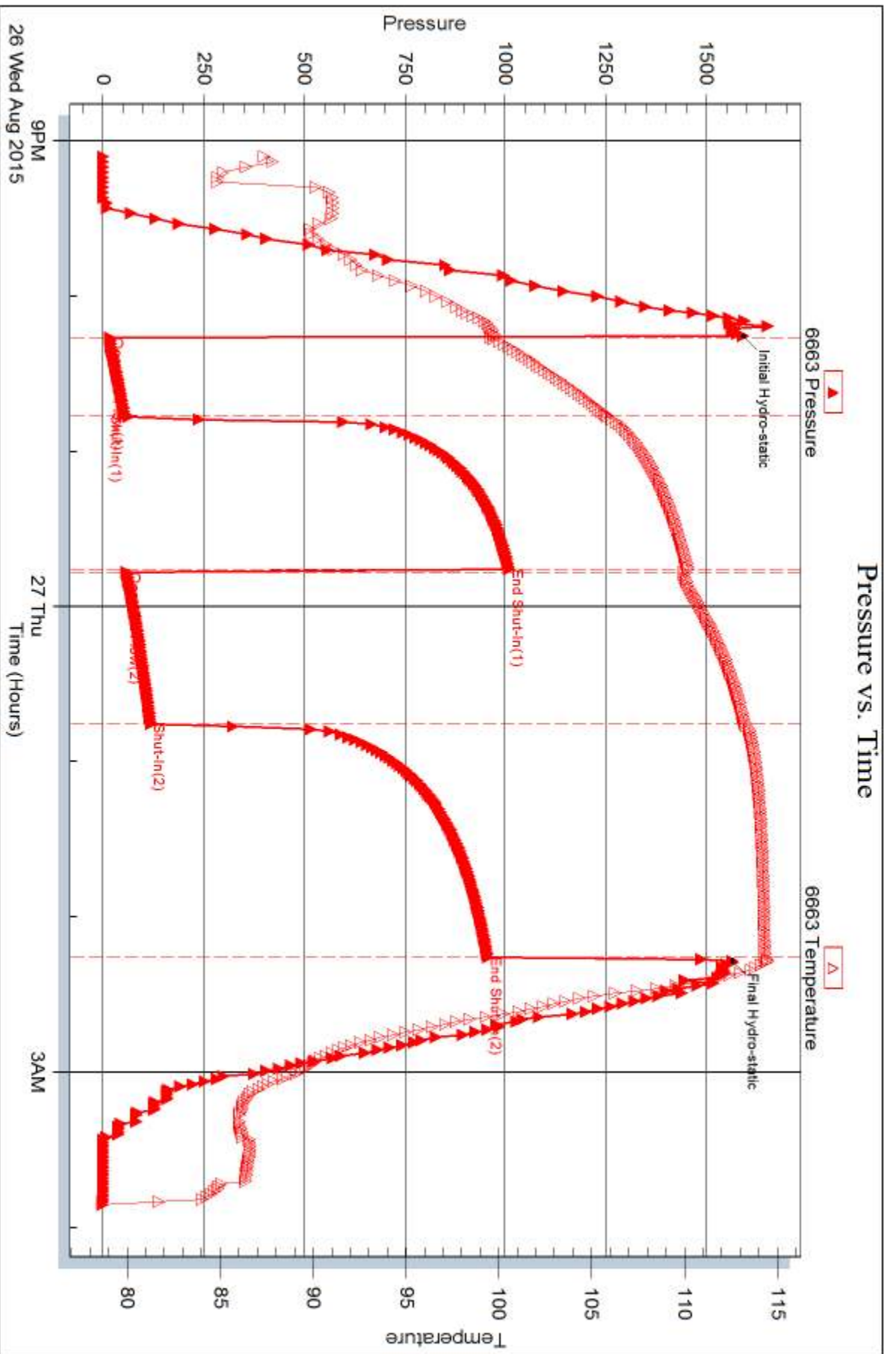
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63045

Well Name & No. Bushton 2-36 Test No. 2 Date 24 Aug
 Company CMX Incorporated Elevation 1768 KB 1760 GL
 Address 1700 North Waterfront Parkway Building 300B Wichita Kansas 67206
 Co. Rep / Geo. Ken LeBlanc Rig Duke Rig #2
 Location: Sec. 36 Twp. 17S Rge. 10W Co. Ellsworth State KS

Interval Tested 2905-2920 Zone Tested Lansing / Kansas City zone B
 Anchor Length 20 Drill Pipe Run 2906 Mud Wt. 9.2
 Top Packer Depth 2900 Drill Collars Run - Vis 44
 Bottom Packer Depth 2905 Wt. Pipe Run - WL 8.0
 Total Depth 2920 Chlorides 5900 ppm System LCM

Blow Description Strong blow / Blow built to bottom of bucket in 15 seconds then died off
Slight surface blow back
Strong blow / Blow at bottom of bucket at open then died off
Slight surface blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>800</u>	<u>Gas in Pipe</u>	<u>100%</u>			
<u>20</u>	<u>Mud</u>				<u>100%</u>

Rec Total 20 BHT 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

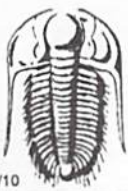
(A) Initial Hydrostatic 1420 Test 1050 T-On Location 1:52 pm
 (B) First Initial Flow 12 Jars 250 T-Started 2:36 pm
 (C) First Final Flow 16 Safety Joint 75 T-Open 3:42 pm
 (D) Initial Shut-In 298 Circ Sub _____ T-Pulled 6:12 pm
 (E) Second Initial Flow 13 Hourly Standby _____ T-Out 7:30 pm
 (F) Second Final Flow 18 Mileage 56 Comments _____
 (G) Final Shut-In 300 Sampler _____
 (H) Final Hydrostatic 1391 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1375

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1375
 MP/DST Disc't _____

Approved By Ken LeBlanc

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. **63046**

Well Name & No. Bushton 2-36 Test No. 3 Date 25 Aug 15
 Company Cmx Incorporated Elevation 1768 KB 1760 GL
 Address 1700 North Waterfront Parkway Building 300B Wichita, Kansas 67206
 Co. Rep / Geo. Ken LeBlanc Rig Duke Rig 2
 Location: Sec. 36 Twp. 17S Rge. 10W Co. Ellsworth State K5

Interval Tested 3190-3230 Zone Tested Pennsylvania Sand
 Anchor Length 40 Drill Pipe Run 3183 Mud Wt. 9.4
 Top Packer Depth 3185 Drill Collars Run - Vis 44
 Bottom Packer Depth 3190 Wt. Pipe Run - WL 8.0
 Total Depth 3230 Chlorides 5700 ppm System LCM -

Blow Description Weak surface bbw/Blow died in 10 minutes
No blow back
Dead no blow
No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud with show of oil</u>			<u>100</u>	

Rec Total 10 BHT 108 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1574 Test 1050 T-On Location 6:54 pm
 (B) First Initial Flow 16 Jars 250 T-Started 7:30 pm
 (C) First Final Flow 19 Safety Joint 75 T-Open 8:57 pm
 (D) Initial Shut-In 361 Circ Sub _____ T-Pulled 10:57 pm
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 12:12 am
 (F) Second Final Flow 21 Mileage 56 56 Comments _____
 (G) Final Shut-In 265 Sampler _____
 (H) Final Hydrostatic 1554 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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

Sub Total 1431

Sub Total 1431

MP/DST Disc't _____

Approved By _____ 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. 63047

Well Name & No. Bushton 2-36 Test No. 4 Date 26 Aug 15
 Company CMX Incorporated Elevation 1768 KB 1760 GL
 Address 1700 North Waterfront Parkway Building 300 B Wichita Kansas 67206
 Co. Rep / Geo. Ken LeBlanc Rig _____
 Location: Sec. 36 Twp. 17S Rge. 10W Co. Ellsworth State KS

Interval Tested 3243-3250 Zone Tested Arbuckle
 Anchor Length 7 Drill Pipe Run 3247 Mud Wt. 9.4
 Top Packer Depth 3238 Drill Collars Run - Vis 44
 Bottom Packer Depth 3243 Wt. Pipe Run - WL 8.0
 Total Depth 3250 Chlorides 5700 ppm System LCM _____
 Blow Description Few bubbles of open then dead / Reset tool no change
No blow back
Dead no blow
No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Mud</u>			<u>100%</u>	
<u>.5</u>	<u>Free Oil</u>		<u>100%</u>		
_____	_____				
_____	_____				

Rec Total 1.5 BHT 108 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1584 Test 1050 T-On Location 10:54 am
 (B) First Initial Flow 13 Jars _____ T-Started 1:06 am
 (C) First Final Flow 16 Safety Joint 75 T-Open 1:17 pm
 (D) Initial Shut-In 736 Circ Sub _____ T-Pulled 3:17 pm
 (E) Second Initial Flow 16 Hourly Standby _____ T-Out 4:33 pm
 (F) Second Final Flow 15 Mileage 56 56 Comments _____
 (G) Final Shut-In 425 Sampler _____
 (H) Final Hydrostatic 1577 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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

Sub Total 1181

Sub Total 1181

Approved By Ken LeBlanc 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. 63048

Well Name & No. Buhton 2-36 Test No. 5 Date 26 Aug 15
 Company CMX Incorporated Elevation 1768 KB 1760 GL
 Address 1700 North Waterfront Parkway Building 300 B Wichita Kansas 67206
 Co. Rep / Geo. Ken LeBlanc Rig Duke Rig 2
 Location: Sec. 36 Twp. 17S Rge. 10W Co. Ellsworth State KS

Interval Tested 3250-3255 Zone Tested Arbuckle
 Anchor Length 5 Drill Pipe Run 3247 Mud Wt. 9.4
 Top Packer Depth 3245 Drill Collars Run — Vis 40
 Bottom Packer Depth 3250 Wt. Pipe Run — WL 8.8
 Total Depth 3255 Chlorides 6500 ppm System LCM
 Blow Description Good blow/Blow built to bottom of bucket in 15 min 30 sec
Light surface blow back for 10 minutes
Fair blow/Blow built to 4 1/2 inches then died back to 1 inch
No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Gas cut Oily Mud</u>	<u>10%</u>	<u>40%</u>	<u>50%</u>	<u>%mud</u>
<u>285</u>	<u>Clean Gassy Oil</u>	<u>35%</u>	<u>65%</u>	<u>%water</u>	<u>%mud</u>
<u>315</u>	<u>Gas in pipe</u>	<u>100%</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 315 BHT 114 Gravity 43 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1585 Test 1050 T-On Location Stayed on location
 (B) First Initial Flow 13 Jars _____ T-Started 9:05 pm
 (C) First Final Flow 50 Safety Joint 75 T-Open 10:15 pm
 (D) Initial Shut-In 1004 Circ Sub _____ T-Pulled 2:15 am
 (E) Second Initial Flow 57 Hourly Standby _____ T-Out 3:51 am
 (F) Second Final Flow 115 Mileage 56 56 Comments _____
 (G) Final Shut-In 953 Sampler _____
 (H) Final Hydrostatic 1561 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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

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