

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1251247
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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 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: _____

1251247

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	03/18/2015
INVOICE NUMBER			
91758957			

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 ~~Cloflin 1-34~~ Homolka
 O LOCATION
 B COUNTY Barton
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pi
 T JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40824649	27463		Net - 30 days	04/17/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Dates: 03/17/2015 to 03/17/2015				
0040824649				
171812304A Cement-New Well Casing/Pi 03/17/2015 Cement 8 5/8" Surface Pipe				
Common Cement	300.00	EA	5.64	1,693.30 T
Celloflake	75.00	EA	1.31	97.89 T
Calcium Chloride	564.00	EA	0.37	208.91 T
"Wooden Cmt Plug, 8 5/8""	1.00	EA	56.44	56.44
"Unit Mileage Chg (PU, cars one way)"	75.00	MI	1.59	119.06
Heavy Equipment Mileage	150.00	MI	2.65	396.86
"Proppant & Bulk Del. Chgs., per ton mil	1,058.00	EA	0.88	933.07
Depth Charge; 0-500'	1.00	EA	352.77	352.77
Blending & Mixing Service Charge	300.00	BAG	0.49	148.16
Plug Container Util. Chg.	1.00	EA	88.19	88.19
"Service Supervisor, first 8 hrs on loc.	1.00	EA	61.73	61.73

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,156.38
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	143.01
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,299.39
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 12304 A

34-165-1162

DATE _____ TICKET NO. _____

DATE OF JOB <u>3/17/15</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>CMX, Inc</u>		LEASE <u>Clifton Homolka</u> 151 WELL NO. _____							
ADDRESS _____		COUNTY <u>Barton</u>		STATE <u>Ks</u>					
CITY _____ STATE _____		SERVICE CREW <u>Scott, Shaw, Finn</u>							
AUTHORIZED BY <u>Leah Kasten</u>		JOB TYPE: <u>8 5/8 Surface Pipe CMX</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
<u>274163</u>	<u>.05</u>						<u>3/17/15</u>	<u>AM</u>	<u>2:00</u>
<u>19918</u>	<u>.25</u>						<u>3/17/15</u>	<u>AM</u>	<u>4:45</u>
							<u>3/17/15</u>	<u>AM</u>	<u>5:00</u>
							<u>3/17/15</u>	<u>AM</u>	<u>6:00</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: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
<u>CP100C</u>	<u>Common Cement</u>	<u>SK</u>	<u>300</u>		<u>4800 00</u>
<u>CC 102</u>	<u>Cello Flake</u>	<u>lb</u>	<u>75</u>		<u>277 50</u>
<u>CC 109</u>	<u>Calcium Chloride</u>	<u>lb</u>	<u>564</u>		<u>592 20</u>
<u>CF 153</u>	<u>Wooden Cement Plug 8 5/8</u>	<u>EA</u>	<u>1</u>		<u>160 00</u>
<u>E 100</u>	<u>Unit Mileage Charge Pick ups</u>	<u>M1</u>	<u>75</u>		<u>337 50</u>
<u>E 101</u>	<u>Heavy Equipment Mileage</u>	<u>M1</u>	<u>150</u>		<u>1125 00</u>
<u>E 113</u>	<u>Pump Bulk Delivery Charges</u>	<u>TM</u>	<u>1058</u>		<u>2643 75</u>
<u>CF 200</u>	<u>Depth Charge 0-500'</u>	<u>4hs</u>	<u>1</u>		<u>1000 00</u>
<u>CE 240</u>	<u>Blending & Mixing Service</u>	<u>SK</u>	<u>300</u>		<u>420 00</u>
<u>CE 504</u>	<u>Plug Container Utilization</u>	<u>Job</u>	<u>1</u>		<u>250 00</u>
<u>SC 03</u>	<u>Service Supervisor first 8 hrs</u>	<u>EA</u>	<u>1</u>		<u>175 00</u>
SUB TOTAL					<u>11,780.95</u>

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		<u>4156 38</u>

Discounted Total 4156 38

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

Customer <i>CMX, Inc</i>	Lease No.	Date <i>5/17/15</i>	
Lease <i>Staffin Homolka</i>	Well # <i>ES1</i>		
Field Order # <i>123041A</i>	Station <i>Pratt KS</i>	Casing <i>8 5/8</i>	Depth <i>4178</i>
Type Job <i>8 5/8 Surface Pipe</i>	Formation <i>CNW</i>	County <i>Barton</i>	State <i>KS</i>
		Legal Description <i>34-165-11W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>4178</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>30.4</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press <i>500</i>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>8 5/8</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>Garlin</i>	Station Manager <i>Kevin Gaudin</i>	Treater <i>Scott Grauer</i>
Service Units <i>38970 27463 19826 19918</i>		
Driver Names <i>Scott Shuman Flinn</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:00</i>					<i>On Location Safety Meeting Rigs</i>
<i>4:30</i>					<i>Break Circulation</i>
<i>4:45</i>	<i>200</i>			<i>4.5</i>	<i>Pump H₂O Spacer</i>
<i>4:46</i>	<i>450</i>		<i>3</i>	<i>5.4</i>	<i>Mix 300 SKS Common 15.6ppg</i>
<i>4:59</i>	<i>0</i>		<i>64.28</i>		<i>Shut down</i>
					<i>Release Plug</i>
<i>5:00</i>	<i>300</i>			<i>5.8</i>	<i>Start Displacement</i>
<i>5:05</i>	<i>250</i>		<i>28</i>		<i>Shut down</i>
					<i>Job Complete</i>
					<i>Cement Circulated to Surface</i>



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	03/27/2015
INVOICE NUMBER			
91767670			

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 Homolka 1-35
O LOCATION
B COUNTY Barton
S STATE KS
I JOB DESCRIPTION Cement-New Well Casing/Pi
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40827442	27463		Net - 30 days	04/26/2015
For Service Dates: 03/24/2015 to 03/24/2015				
0040827442				
171812308A Cement-New Well Casing/Pi 03/24/2015 Cement 5 1/2" Longstring				
AA2 Cement			175.00 EA	10.54 1,844.50 T
60/40 POZ			50.00 EA	7.44 372.00 T
C-41P			33.00 EA	2.48 81.84 T
Salt			797.00 EA	0.31 247.07 T
Cement Friction Reducer			50.00 EA	3.72 186.00 T
FLA-322			83.00 EA	4.65 385.95 T
Mud Flush			500.00 EA	0.93 465.00 T
Gilsonite			875.00 EA	0.42 363.48 T
"Latch Down Plug & Baffle, 5 1/2" (Blu			1.00 EA	248.00 248.00
"Cmt. Shoe Packer Type, 5 1/2" (Red)"			1.00 EA	2,294.00 2,294.00
"Turbolizer, 5 1/2" (Blue)"			10.00 EA	68.20 682.00
"5 1/2" Basket (Blue)"			1.00 EA	179.80 179.80
"Unit Mileage Chg (PU, cars one way)"			65.00 MI	2.79 181.35
Heavy Equipment Mileage			130.00 MI	4.65 604.50
"Proppant & Bulk Del. Chgs., per ton mil			676.00 EA	1.55 1,047.80
Depth Charge; 3001-4000'			1.00 EA	1,339.20 1,339.20
Blending & Mixing Service Charge			225.00 BAG	0.87 195.30
Plug Container Util. Chg.			1.00 EA	155.00 155.00
"Service Supervisor, first 8 hrs on loc.			1.00 EA	108.50 108.50

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	10,981.29
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	282.13
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	11,263.42
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 12308 A

35-165-11W

DATE _____ TICKET NO. _____

DATE OF JOB <u>3/24/15</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>CMX, Inc.</u>		LEASE <u>HOMOLKA</u> 1-35 WELL NO. _____							
ADDRESS _____		COUNTY <u>Barton</u> STATE <u>Ks</u>							
CITY _____ STATE _____		SERVICE CREW <u>Scott, Josh, Aaron</u>							
AUTHORIZED BY _____		JOB TYPE: <u>5 1/2 Long string (NW)</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
<u>27463</u>	<u>.8</u>								
<u>14862</u>	<u>.25</u>								
						ARRIVED AT JOB	<u>3/24/15</u>	<u>AM</u>	<u>4:30</u>
						START OPERATION	<u>3/24/15</u>	<u>AM</u>	<u>10:35</u>
						FINISH OPERATION	<u>3/24/15</u>	<u>AM</u>	<u>11:25</u>
						RELEASED	<u>3/24/15</u>	<u>AM</u>	<u>12:00</u>
						MILES FROM STATION TO WELL			

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 Cement	SK	175		2975.00
CP103	60/40 POZ	SK	50		600.00
CC105	C-411P	lb	33		132.00
CC111	Salt	lb	797		398.50
CC112	Cement Friction Reducer	lb	50		300.00
CC129	FLA-322	lb	83		622.50
CC201	Gilsonite	lb	875		586.25
CF607	Latch down Plug + Baffle - 5 1/2	EA	1		400.00
CF1001	Picker Shoe 5 1/2	EA	1		3700.00
CF1651	Turbolizers 5 1/2	EA	10		1100.00
CF1901	5 1/2 Basket	EA	1		290.00
CC151	Mud Flush	Gal	500		750.00
E100	Unit Mileage Charge Pick ups	MI	65		297.50
E101	Heavy Equipment Mileage	MI	130		975.00
E113	Prop + Bulb Delivery Charge	TM	676		1690.00
CE204	Depth Charge 5001-4000	4hrs	1		2160.00
CE240	Blending & Mixing Service Charge	SK	225		315.00
CE504	Plug Container Utilization	Job	1		250.00
5003	Service Supervisor Just 8hrs onloc	EA	1		175.00
SUB TOTAL					17,711.75

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		10,981.29

Discounted Total

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
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FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>CMX, Inc</i>		Lease No.		Date	
Lease <i>Homolka</i>		Well # <i>1-35</i>		<i>3/24/15</i>	
Field Order # <i>12308A</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2</i>	Depth <i>5381</i>	County <i>Douglas</i>	State <i>KS</i>
Type Job <i>5 1/2 Long string CNW</i>		Formation		Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>5 1/2</i>				Pre Pad	Max			5 Min.
Depth <i>3364</i>	Depth	From	To	Pad	Min			10 Min.
Volume <i>82.49</i>	Volume	From	To	Frac	Avg			15 Min.
Max Press <i>2000</i>	Max Press	From	To		HHP Used			Annulus Pressure
Well Connection <i>5 1/2</i>	Annulus Vol.	From	To	Flush	Gas Volume			Total Load
Plug Depth	Packer Depth	From	To					

Customer Representative			Station Manager <i>Kevin Goodkey</i>			Treater <i>Scott Graves</i>		
Service Units	<i>58970</i>	<i>27463</i>	<i>19960</i>	<i>19862</i>				
Driver Names	<i>Scott</i>	<i>Josh</i>	<i>Aaron</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>4:30</i>					<i>1 On Location Safety Meeting Rig up</i>
<i>8:00</i>					<i>Run Float Equip. Basket Din # 2</i>
					<i>Turbosizers 1, 5, 7, 9, 11, 13, 15, 17, 19</i>
<i>9:20</i>					<i>Break Circulation 1 hour</i>
<i>10:35</i>	<i>1400</i>				<i>set Packer shoe</i>
<i>10:38</i>	<i>100</i>			<i>4.3</i>	<i>Pump H2O Spacer</i>
<i>10:40</i>	<i>200</i>		<i>5</i>	<i>4.6</i>	<i>Pump 500 gallons Mud Flush</i>
<i>10:43</i>	<i>200</i>		<i>12</i>	<i>4.5</i>	<i>Pump H2O spacer</i>
<i>10:44</i>	<i>300</i>		<i>5</i>	<i>5.3</i>	<i>Mix 175sks AA2 Cement 15.3ppg</i>
<i>10:52</i>	<i>0</i>		<i>42.4</i>		<i>Shut down</i>
<i>10:53</i>					<i>Wash Pump + lined clear</i>
<i>10:54</i>	<i>100</i>			<i>5.6</i>	<i>Release Plug Start Displacement</i>
<i>11:03</i>	<i>350</i>		<i>51</i>	<i>5.6</i>	<i>lift Pressure</i>
<i>11:10</i>	<i>500</i>		<i>19</i>	<i>3.5</i>	<i>Reduce Rate</i>
<i>11:14</i>	<i>750</i>		<i>11.5</i>	<i>3.4</i>	<i>Plug landed</i>
<i>11:14</i>	<i>1400</i>				<i>Pressure up on plug 17.711.75</i>
<i>11:15</i>	<i>0</i>				<i>Release Pressure NO Returns</i>
<i>11:20</i>	<i>0</i>		<i>8</i>	<i>3</i>	<i>Plug Rut hole 50sks 60/40 P02</i>
<i>11:25</i>	<i>0</i>		<i>6</i>	<i>3</i>	<i>Plug Mouse hole 20sks 60/40 P02</i>
					<i>Shut down</i>
<i>11:40</i>	<i>1600</i>				<i>Repressure up on Plug</i>
<i>11:45</i>					<i>Shut in well head Job Complete</i>



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, Kansas 67206
ATTN: Ken LaBlanc

35/16S/11W/Barton

Homolke #1-35

Job Ticket: 62050

DST#: 1

Test Start: 2015.03.20 @ 22:59:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:23:30

Time Test Ended: 05:38:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58 Great Bend/68

Interval: 3075.00 ft (KB) To 3102.00 ft (KB) (TVD)

Reference Elevations: 1932.00 ft (KB)

Total Depth: 3102.00 ft (KB) (TVD)

1919.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6838

Inside

Press @ Run Depth: 103.84 psig @ 3097.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.20

End Date:

2015.03.21

Last Calib.:

2015.03.21

Start Time: 23:00:00

End Time:

05:38:30

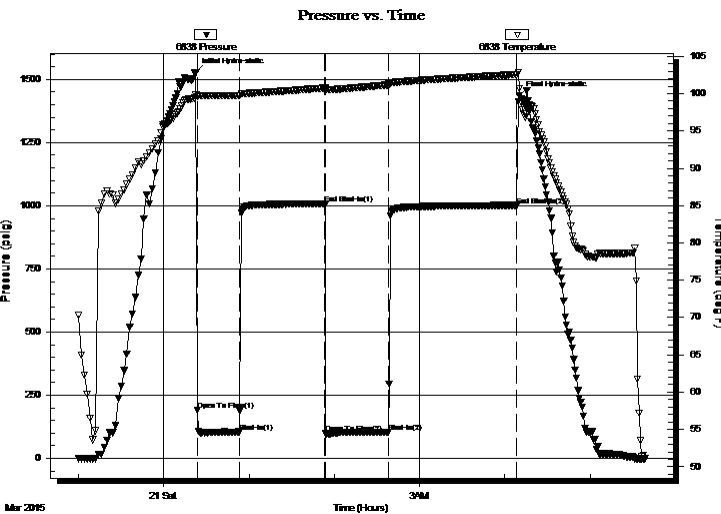
Time On Btm:

2015.03.21 @ 00:22:30

Time Off Btm:

2015.03.21 @ 04:10:30

TEST COMMENT: 1ST Open 30 Minutes/Strong blow/Blow built to bottom of bucket in 13 seconds/Gas to surface in 2 minutes
1ST Shut In 60 Minutes/Blow back built to bottom of bucket in 2 minutes
2ND Open 45 Minutes/Strong blow/Blow at bottom of bucket at open
2ND Shut In 90 Minutes/Blow back built to bottom of bucket in 1 minute 30 seconds



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1528.01	99.82	Initial Hydro-static
1	191.87	99.57	Open To Flow (1)
31	105.17	99.71	Shut-In(1)
91	1007.56	100.76	End Shut-In(1)
92	97.49	100.50	Open To Flow (2)
136	103.84	101.16	Shut-In(2)
226	1001.80	102.56	End Shut-In(2)
228	1435.87	100.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Mud 100%	0.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	11.92	411.04
Last Gas Rate	0.75	13.90	442.04
Max. Gas Rate	0.75	13.90	442.04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

35/16S/11W/Barton

1700 N Waterfront Parkway
Building 300B
Wichita, Kansas 67206
ATTN: Ken LaBlanc

Homolke #1-35

Job Ticket: 62050

DST#: 1

Test Start: 2015.03.20 @ 22:59:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Mud 100%	0.443

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

CMX Incorporated

35/16S/11W/Barton

1700 N Waterfront Parkway
Building 300B
Wichita, Kansas 67206
ATTN: Ken LaBlanc

Homolke #1-35

Job Ticket: 62050

DST#: 1

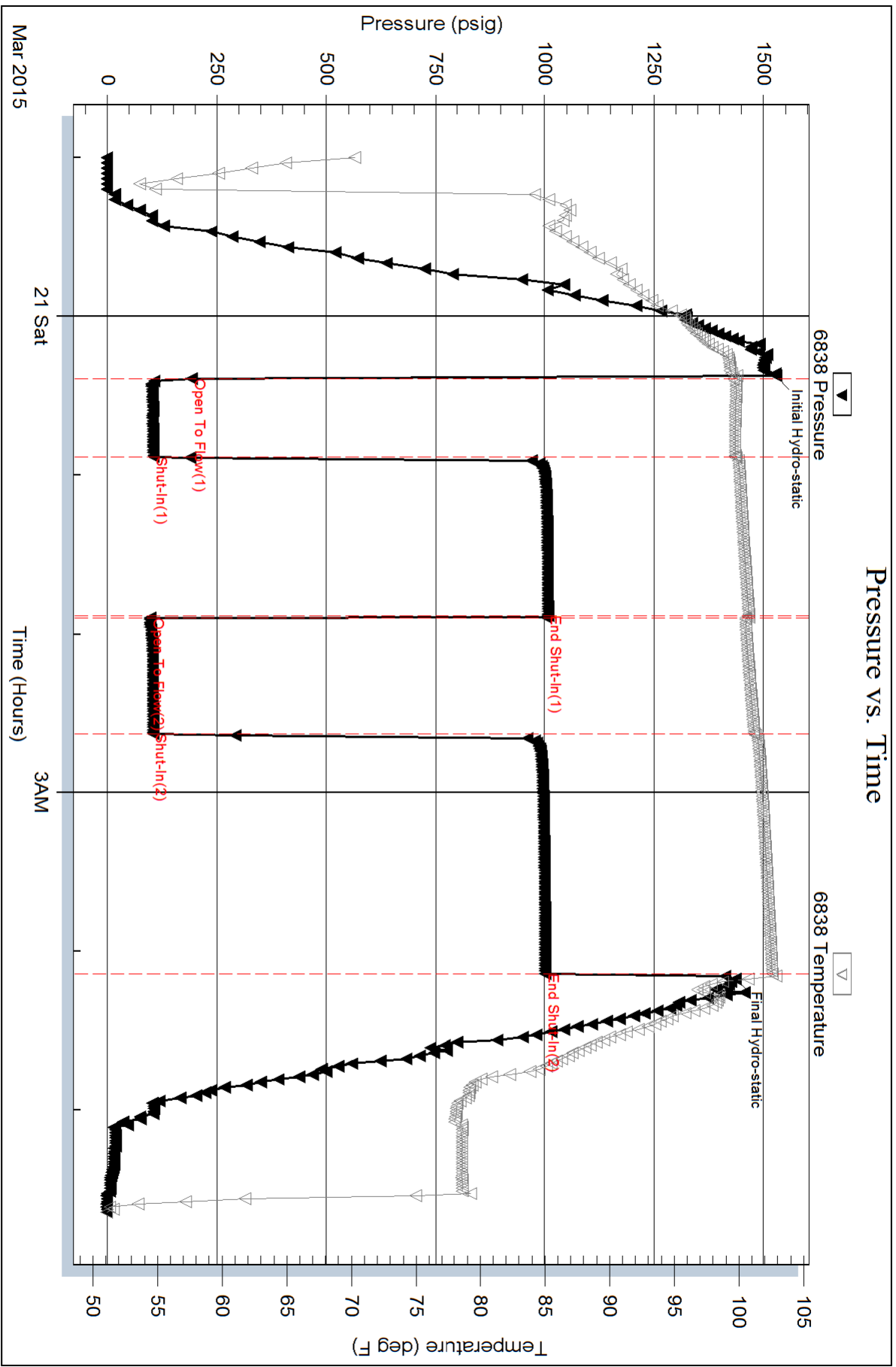
Test Start: 2015.03.20 @ 22:59:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	20	0.75	11.92	411.04
1	20	0.75	11.92	411.04
1	30	0.75	13.52	436.03
2	10	0.75	13.52	436.03
2	20	0.75	13.90	442.04
2	30	0.75	13.90	442.04
2	40	0.75	13.90	442.04





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, Kansas 67206
ATTN: Ken LaBlanc

35/16S/11W/Barton

Homolke #1-35

Job Ticket: 63026

DST#: 2

Test Start: 2015.03.21 @ 12:16:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:48:30

Time Test Ended: 18:33:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58 Great Bend/68

Interval: 3115.00 ft (KB) To 3130.00 ft (KB) (TVD)

Total Depth: 3130.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 1932.00 ft (KB)

1919.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6838

Inside

Press @ Run Depth: 41.77 psig @ 3126.00 ft (KB)

Start Date: 2015.03.21

End Date: 2015.03.21

Start Time: 12:17:00

End Time: 18:33:00

Capacity: 8000.00 psig

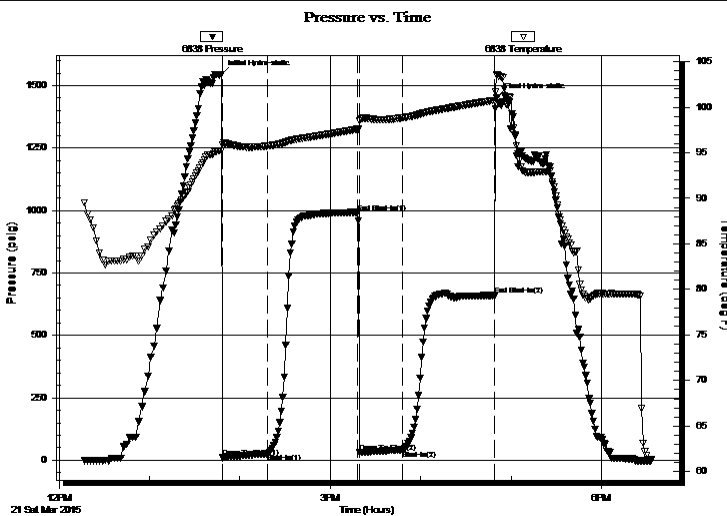
Last Calib.: 2015.03.21

Time On Btm: 2015.03.21 @ 13:47:30

Time Off Btm: 2015.03.21 @ 16:50:30

TEST COMMENT: 1ST Open 30 Minutes/Fair blow/Blow built to 10 1/2 inches
1ST Shut In 60 Minutes/No blow back
2ND Open 30 Minutes/Weak blow/Blow built to 1 1/2 inches
2ND Shut In 60 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1543.22	95.21	Initial Hydro-static
1	10.22	95.90	Open To Flow (1)
31	26.49	95.75	Shut-In(1)
91	992.62	97.59	End Shut-In(1)
92	30.91	98.49	Open To Flow (2)
121	41.77	98.84	Shut-In(2)
182	660.15	100.76	End Shut-In(2)
183	1452.02	103.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	Muddy Water	0.37
0.00	Mud 15% Water 85%	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

35/16S/11W/Barton

1700 N Waterfront Parkway
Building 300B
Wichita, Kansas 67206
ATTN: Ken LaBlanc

Homolke #1-35

Job Ticket: 63026

DST#: 2

Test Start: 2015.03.21 @ 12:16:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.00 in³

Resistivity: ohm.m

Salinity: 3800.00 ppm

Filter Cake: 1.00 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
75.00	Muddy Water	0.369
0.00	Mud 15% Water 85%	0.000

Total Length: 75.00 ft Total Volume: 0.369 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery resistivity .42 ohms @ 72 deg.

Serial #: 6838

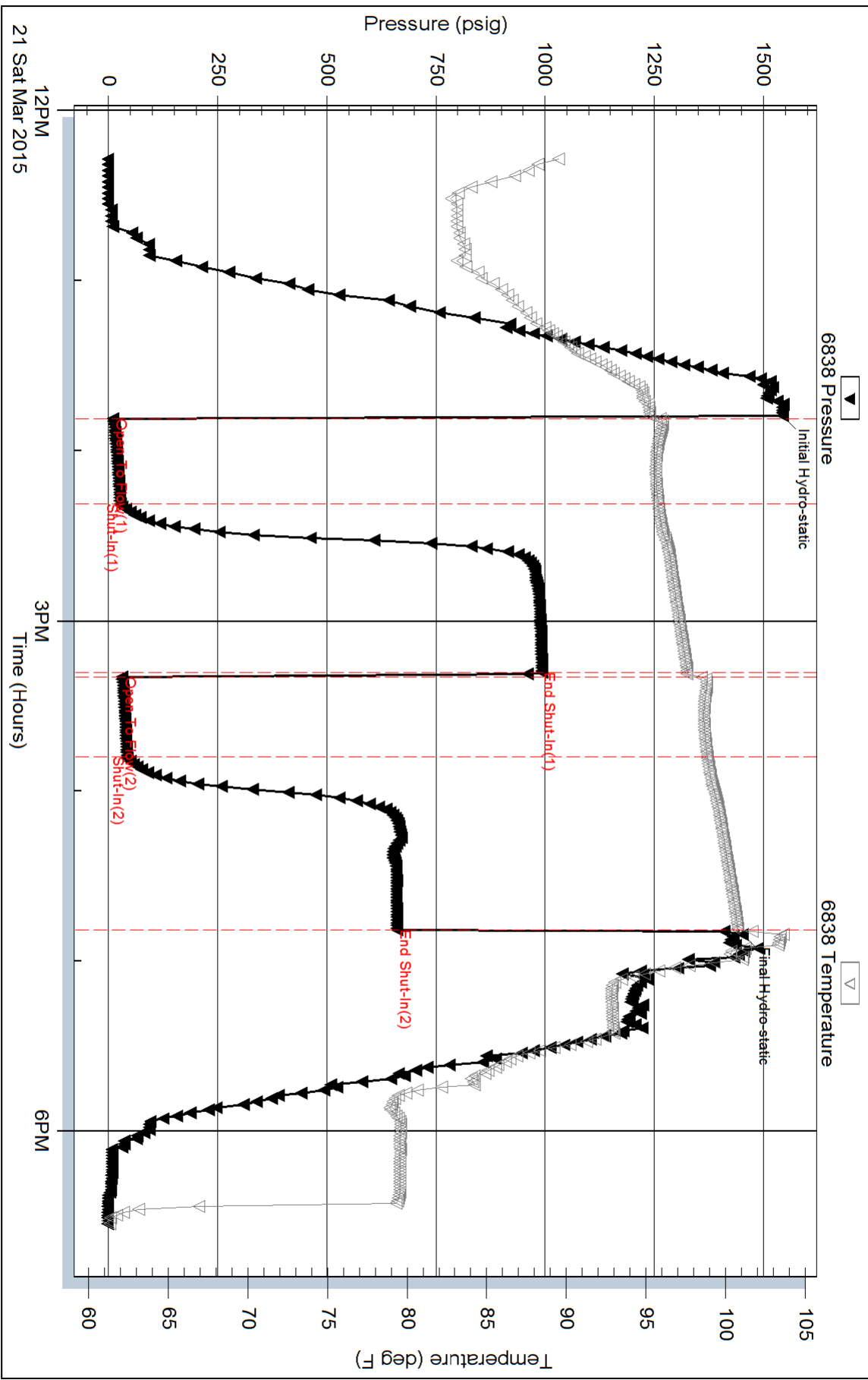
Inside

CMX Incorporated

Hornlake #1-35

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 63026

Printed: 2015.03.21 @ 23:00:05



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

CMX Incorporated
1700 N Waterfront Parkway
Building 300B
Wichita, Kansas 67206
ATTN: Ken LaBlanc

35/16S/11W/Barton

Homolke #1-35

Job Ticket: 63027

DST#: 3

Test Start: 2015.03.22 @ 21:58:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:24:30

Time Test Ended: 07:38:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 58 Great Bend/68

Interval: 3352.00 ft (KB) To 3372.00 ft (KB) (TVD)

Reference Elevations: 1932.00 ft (KB)

Total Depth: 3372.00 ft (KB) (TVD)

1919.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6838

Inside

Press @ Run Depth: 177.94 psig @ 3368.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.22

End Date:

2015.03.23

Last Calib.:

2015.03.23

Start Time: 21:59:00

End Time:

07:38:00

Time On Btm:

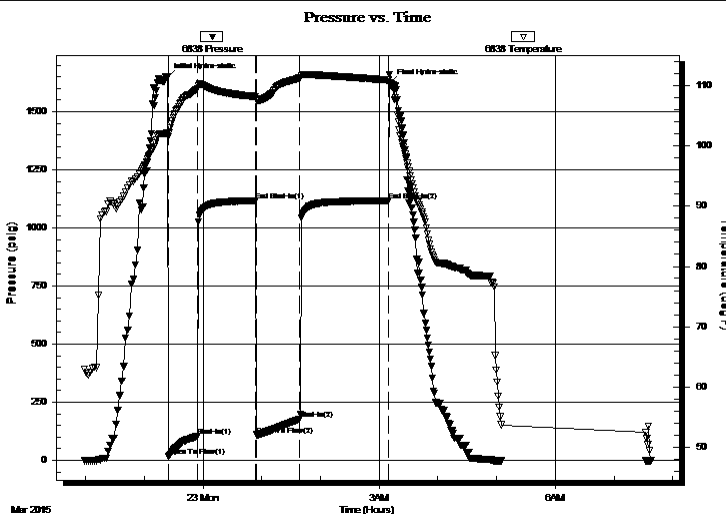
2015.03.22 @ 23:23:30

Time Off Btm:

2015.03.23 @ 03:11:00

TEST COMMENT: 1ST Open 30 Minutes/Fair blow/Blow built to bottom of bucket in 19 minutes
1ST Shut In 60 Minutes/No blow back
2ND Open 45 Minutes/Fair blow/Blow built to bottom of bucket in 17 minutes
2ND Shut In 90 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.25	102.17	Initial Hydro-static
1	15.89	101.49	Open To Flow (1)
31	104.96	109.50	Shut-In(1)
91	1116.39	108.21	End Shut-In(1)
91	109.49	107.65	Open To Flow (2)
136	177.94	111.31	Shut-In(2)
226	1116.31	110.95	End Shut-In(2)
228	1620.63	110.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	Muddy Oil	0.62
0.00	Mud 30% Oil 70%	0.00
346.00	Mud cut Gassy Oil	4.33
0.00	Mud 5% Gas 20% Oil 75%	0.00
0.00	157 feet of gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX Incorporated

35/16S/11W/Barton

1700 N Waterfront Parkway
Building 300B
Wichita, Kansas 67206
ATTN: Ken LaBlanc

Homolke #1-35

Job Ticket: 63027

DST#: 3

Test Start: 2015.03.22 @ 21:58:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 46.00 sec/qt
Water Loss: 8.99 in³
Resistivity: ohm.m
Salinity: 3900.00 ppm
Filter Cake: 1.00 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
126.00	Muddy Oil	0.620
0.00	Mud 30% Oil 70%	0.000
346.00	Mud cut Gassy Oil	4.326
0.00	Mud 5% Gas 20% Oil 75%	0.000
0.00	157 feet of gas in pipe	0.000

Total Length: 472.00 ft Total Volume: 4.946 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

