

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](mailto: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
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------

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
-------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------

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:	
----------------	-------	---------	------------	--





P.O. Box 205803  
 Dallas, TX 75320-5803

Voice: (832) 482-3742  
 Fax: (832) 482-3738

# INVOICE

Invoice Number: 151484  
 Invoice Date: Dec 24, 2015  
 Page: 1

Federal Tax I.D.#: 20-8651475

<b>Bill To:</b>
CMX, Inc. 1700 N Waterfront Parkway Bldg 300, Suite B Wichita, KS 67206

<b>Customer ID</b>	<b>Field Ticket #</b>	<b>Payment Terms</b>	
CMX	55719	Net 30 Days	
<b>Job Location</b>	<b>Camp Location</b>	<b>Service Date</b>	<b>Due Date</b>
KS2-01	Great Bend	Dec 24, 2015	1/23/16

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Bushton #1-30		
250.00	CEMENT MATERIALS	Class A Common		
705.00	CEMENT MATERIALS	Chloride	17.90	4,475.00
262.50	CEMENT SERVICE	Cubic Feet Charge	1.10	775.50
181.51	CEMENT SERVICE	Ton Mileage Charge	2.48	651.00
1.00	CEMENT SERVICE	Surface	2.75	499.15
15.00	CEMENT SERVICE	Pump Truck Mileage	1,512.25	1,512.25
15.00	CEMENT SERVICE	Light Vehicle Mileage	7.70	115.50
2.00	CEMENT SERVICE	Waiting on Location	4.40	66.00
1.00	EQUIPMENT SALES	8-5/8 Wooden Plug	440.00	880.00
1.00	JOB DISCOUNT	Job Discount if paid within terms – Material & Equipment	110.00	110.00
1.00	JOB DISCOUNT	Job Discount if paid within terms – Cement Service	2,787.46	-2,787.46
1.00	CEMENT SUPERVISOR	Robert Yakubovich	1,936.44	-1,936.44
1.00	EQUIPMENT OPERATOR	Brian Lang		
1.00	OPERATOR ASSISTANT	Marlyn Spangenberg		

ALL PRICES ARE NET, PAYABLE  
 30 DAYS FOLLOWING DATE OF  
 INVOICE. ONLY IF PAID ON OR  
 BEFORE

**Jan 23, 2016**

1 1/2% CHARGED  
 THEREAFTER.

Subtotal	4,360.50
Sales Tax	192.98
Total Invoice Amount	4,553.48
Payment/Credit Applied	
<b>TOTAL</b>	<b>4,553.48</b>

# ALLIED OIL & GAS SERVICES, LLC 055719

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Great Bend KS

DATE <u>12-21-15</u>	SEC. <u>30</u>	TWP. <u>17</u>	RANGE <u>9</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 AM</u>	JOB FINISH <u>8:00 AM</u>
LEASE <u>Bushton</u>	WELL # <u>1-30</u>		LOCATION <u>Bushton KS 2 E 3 N</u>		COUNTY <u>Ellsworth</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>3/4 W Sinto</u>				

CONTRACTOR Duke 2  
 TYPE OF JOB surface  
 HOLE SIZE 12 1/4 T.D. 347  
 CASING SIZE 8 5/8 24" DEPTH 347  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 15  
 CEMENT LEFT IN CSG. 15  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 21

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 250 com 3% cc  
 COMMON 250 @ 17.90 4,475.00  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE 705 @ 1.10 775.50  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_ 5,250.50  
 \_\_\_\_\_ @ 52% 2,730.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 262.50 @ 2.48 651.00  
 MILEAGE 12.10 x 15 x 2.75 499.13  
 TOTAL \_\_\_\_\_

EQUIPMENT  
 PUMP TRUCK CEMENTER Robert Y  
 # 366 HELPER Brian L  
 BULK TRUCK  
 # 871-112 DRIVER Marland  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

see log  
 \_\_\_\_\_  
 \_\_\_\_\_  
cement did circulate to surface  
 \_\_\_\_\_  
Thank you!!!

CHARGE TO: CMX INC  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1512.25  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE Hum 15 @ 7.70 115.50  
 MANIFOLD LUM 15 @ 4.40 66.00  
2 Hours wait time @ 440.00 880.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 3,723.88  
52% 1936.41

PLUG & FLOAT EQUIPMENT

wooden plug @ 110.00 110.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 110.00  
52% 57.20

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Dion Vasquez  
 SIGNATURE Dion Vasquez

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 4,084.38  
 DISCOUNT 4,723.88  
 IF PAID IN 30 DAYS  
4,360.50



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	01/07/2016
<b>INVOICE NUMBER</b>			
<b>92012899</b>			

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 #1-30  
 O LOCATION  
 B COUNTY Ellsworth  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.		TERMS	DUE DATE
40904054	27463-0			Net - 30 days	02/06/2016
		QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 01/04/2016 to 01/04/2016</i>					
0040904054					
171812884A Cement-New Well Casing/Pi 01/04/2016 Longstring New Well					
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
Gilsonite		875.00	EA	0.30	263.81 T
"Latch Down Plug & Baffle, 5 1/2" (Blu		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
"Cement Basket, 5 1/2"		1.00	EA	130.50	130.50
Mud Flush		500.00	EA	0.68	337.50 T
"Unit Mileage Chg (PU, cars one way)"		65.00	MI	2.02	131.62
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	78.76	78.76

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	<b>7,568.21</b>
<b>BASIC ENERGY SERVICES, LP</b>	<b>BASIC ENERGY SERVICES, LP</b>	<b>TAX</b>	<b>215.01</b>
<b>PO BOX 841903</b>	<b>801 CHERRY ST, STE 2100</b>	<b>INVOICE TOTAL</b>	<b>7,783.22</b>
<b>DALLAS, TX 75284-1903</b>	<b>FORT WORTH, TX 76102</b>		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

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

**FIELD SERVICE TICKET**  
1718 12884 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 1-4-16		DISTRICT Pratt, Kansas		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 C M X, Inc				LEASE Bushton				WELL NO. 1-30	
ADDRESS				COUNTY Ellsworth		STATE Kansas			
CITY				STATE		SERVICE CREW C. Messick, M. McGuire, R. Pierce			
AUTHORIZED BY				JOB TYPE: C N W - Longstring					
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM PM	TIME
27,463	1						1-3-16	AM	2:30
						ARRIVED AT JOB	1-3-16	AM	7:00
						START OPERATION	1-3-16	AM	11:30
21,010	5					FINISH OPERATION	1-4-16	AM	12:45
						RELEASED	1-4-16	AM	1:00
						MILES FROM STATION TO WELL	65		

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: Kent Bushton  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 105	AA 2 Cement	sh	175		\$ 2,975.00
CP 103	60/40 Poz	sh	50		\$ 600.00
CC 105	C-41P	Lb	33		\$ 132.00
CC 111	Salt	Lb	810		\$ 405.00
CC 112	Cement Friction Reducer	Lb	50		\$ 300.00
CC 201	Gilsonite	Lb	875		\$ 586.25
CF 607	Latch Down Plug and Baffle, 5 1/2"	ea	1		\$ 400.00
CF 1051	Cementing Shoe Packer Type, 5 1/2"	ea	1		\$ 2,800.00
CF 1651	Turbolizer, 5 1/2"	ea	10		\$ 1,100.00
CF 1901	5 1/2" Basket	ea	1		\$ 290.00
CC 151	Mud Flush	Gal	500		\$ 750.00
E 160	Pickup Mileage	Mi	65		\$ 292.50
E 101	Heavy Equipment Mileage	Mi	130		\$ 975.00
E 113	Bulk Delivery	Tm	676		\$ 1,690.00
CF 204	Depth Charge: 3,000 Feet To 4,000 Feet	4 Hr	1		\$ 2,160.00
CF 240	Blending and Mixing Service	skt	225		\$ 315.00
CF 504	Plug Container	Sub	1		\$ 250.00
S003	Service Supervisor	ea	1		\$ 175.00
CC 129	FLA-322	Lb	83		\$ 622.50

SUB TOTAL \$16,818.25

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	% TAX ON \$	
MATERIALS	% TAX ON \$	
TOTAL		\$7,568.21

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)
-------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------

FIELD SERVICE ORDER NO.







## DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy  
Bldg 300 B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-30**

#### **30-17s-9w Ellsworth,KS**

Start Date: 2015.12.31 @ 19:20:00

End Date: 2016.01.01 @ 02:40:16

Job Ticket #: 62975                      DST #: 1

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

Printed: 2016.01.04 @ 08:51:43



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

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

**30-17s-9w Ellsworth,KS**

**Bushton #1-30**

Job Ticket: 62975

**DST#: 1**

Test Start: 2015.12.31 @ 19:20:00

## GENERAL INFORMATION:

Formation: **LKC**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:23:46  
 Time Test Ended: 02:40:16  
 Interval: **2985.00 ft (KB) To 3000.00 ft (KB) (TVD)**  
 Total Depth: 3010.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Jared Scheck  
 Unit No: 55  
 Reference Elevations: 1766.00 ft (KB)  
 1758.00 ft (CF)  
 KB to GR/CF: 8.00 ft

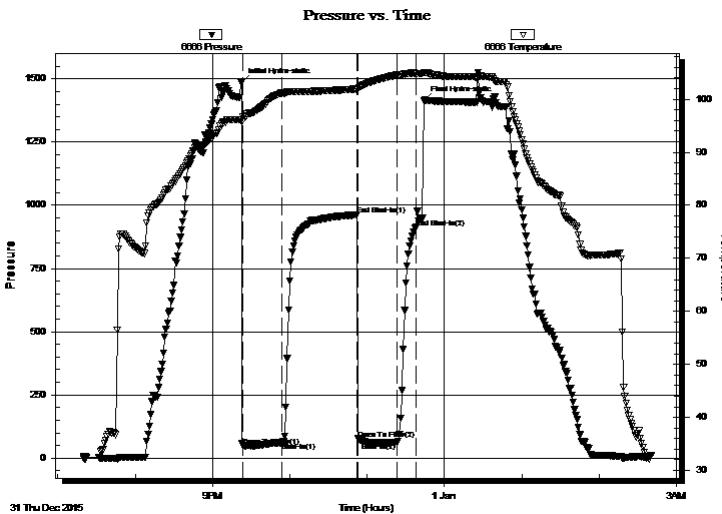
## Serial #: 6666

Inside

Press@RunDepth: 62.60 psig @ 2998.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.12.31 End Date: 2016.01.01 Last Calib.: 2016.01.01  
 Start Time: 19:20:01 End Time: 02:40:16 Time On Btm: 2015.12.31 @ 21:22:31  
 Time Off Btm: 2015.12.31 @ 23:44:16

TEST COMMENT: IFP- 30 Minutes-BOB in 20 minutes  
 ISIP-60 Minutes-No blow back  
 FFP-30 Minutes-BOB in 27 Minutes  
 FSIP-60 Minutes-No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1486.52	96.12	Initial Hydro-static
2	48.68	96.71	Open To Flow (1)
31	61.24	101.15	Shut-In(1)
90	962.55	101.93	End Shut-In(1)
91	76.19	101.87	Open To Flow (2)
121	62.60	104.54	Shut-In(2)
136	912.26	104.86	End Shut-In(2)
142	1414.83	105.03	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	SMW 10% mud 90% w ater	0.84
45.00	MW 15% mud 85% w ater	0.63

## 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

**30-17s-9w Ellsworth,KS**  
**Bushton #1-30**  
Job Ticket: 62975      **DST#: 1**  
Test Start: 2015.12.31 @ 19:20:00

**Tool Information**

Drill Pipe:	Length: 2996.00 ft	Diameter: 3.80 inches	Volume: 42.03 bbl	Tool Weight: 1000.00 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: 55000.00 lb
			<u>Total Volume: 42.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	2985.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	3000.00 ft			
Interval between Packers:	15.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			2968.00	
Hydraulic tool	5.00			2973.00	
Safety Joint	2.00			2975.00	
Packer	5.00			2980.00	22.00      Bottom Of Top Packer
Packer	5.00			2985.00	
Perforations	12.00			2997.00	
Recorder	1.00	6666	Inside	2998.00	
Recorder	1.00	8319	Outside	2999.00	
Blank Off Sub	1.00			3000.00	15.00      Tool Interval
Packer	5.00			3005.00	
tailpipe	5.00			3010.00	
Recorder	1.00	6731	Below	3011.00	
Bullnose	5.00			3016.00	16.00      Bottom Packers & Anchor

**Total Tool Length: 53.00**



**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

**30-17s-9w Ellsworth,KS**  
**Bushton #1-30**  
Job Ticket: 62975      **DST#: 1**  
Test Start: 2015.12.31 @ 19:20:00

### Mud and Cushion Information

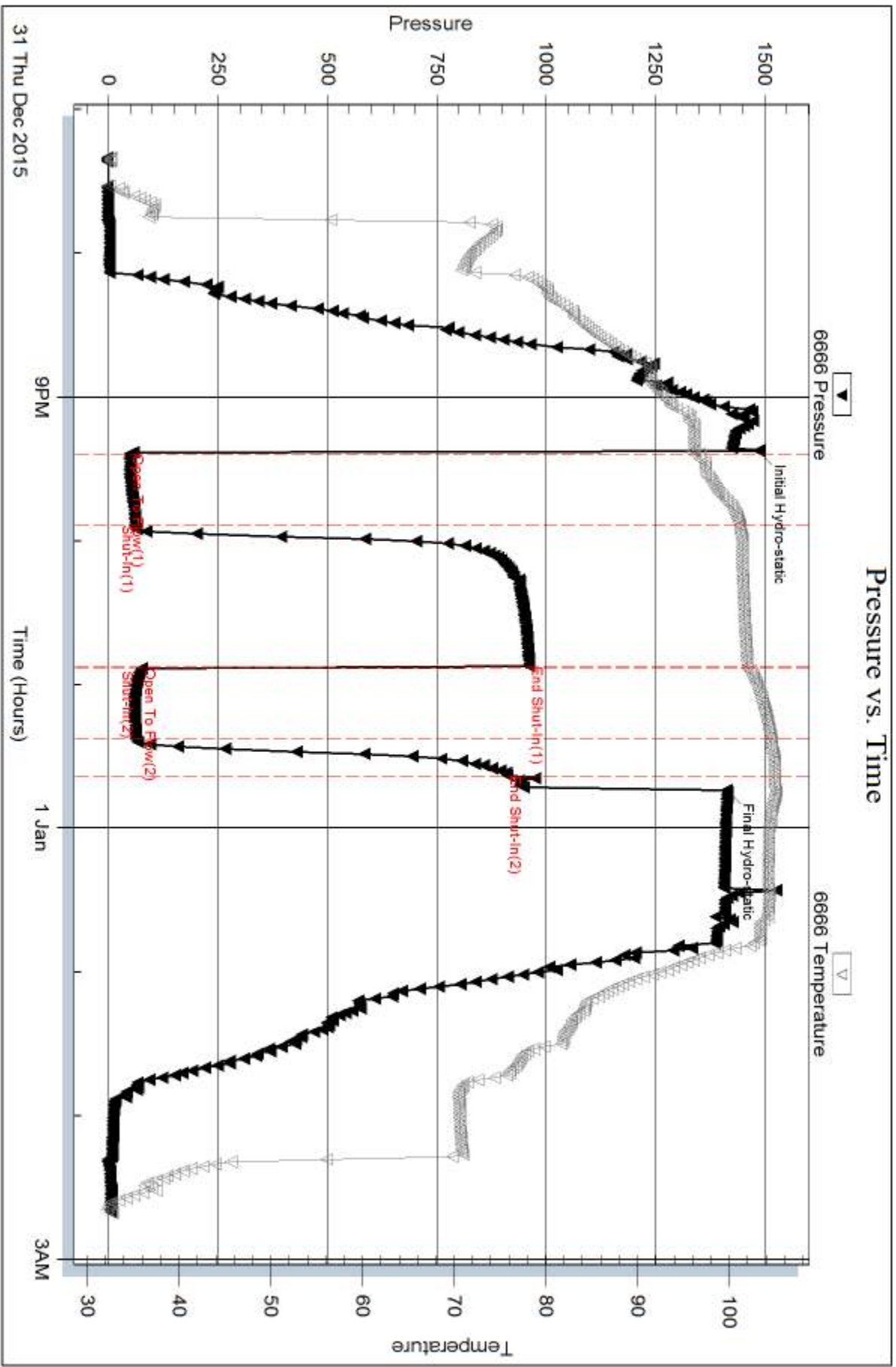
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	30000 ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: 1.00 inches			

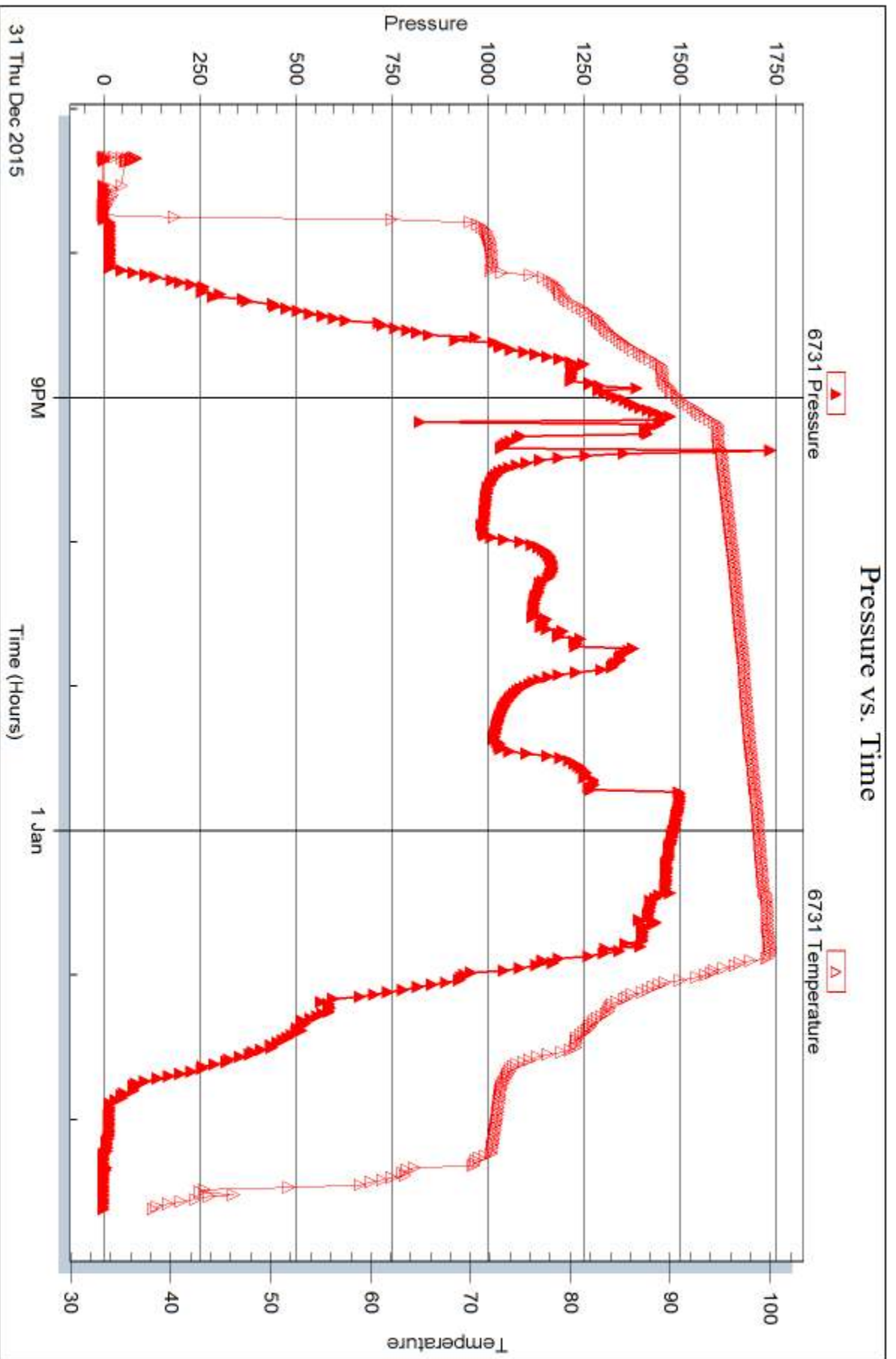
### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SMW 10%mud 90%w ater	0.842
45.00	MW 15%mud 85%w ater	0.631

Total Length: 105.00 ft      Total Volume: 1.473 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments: Resistivity.3 @ 55 degrees





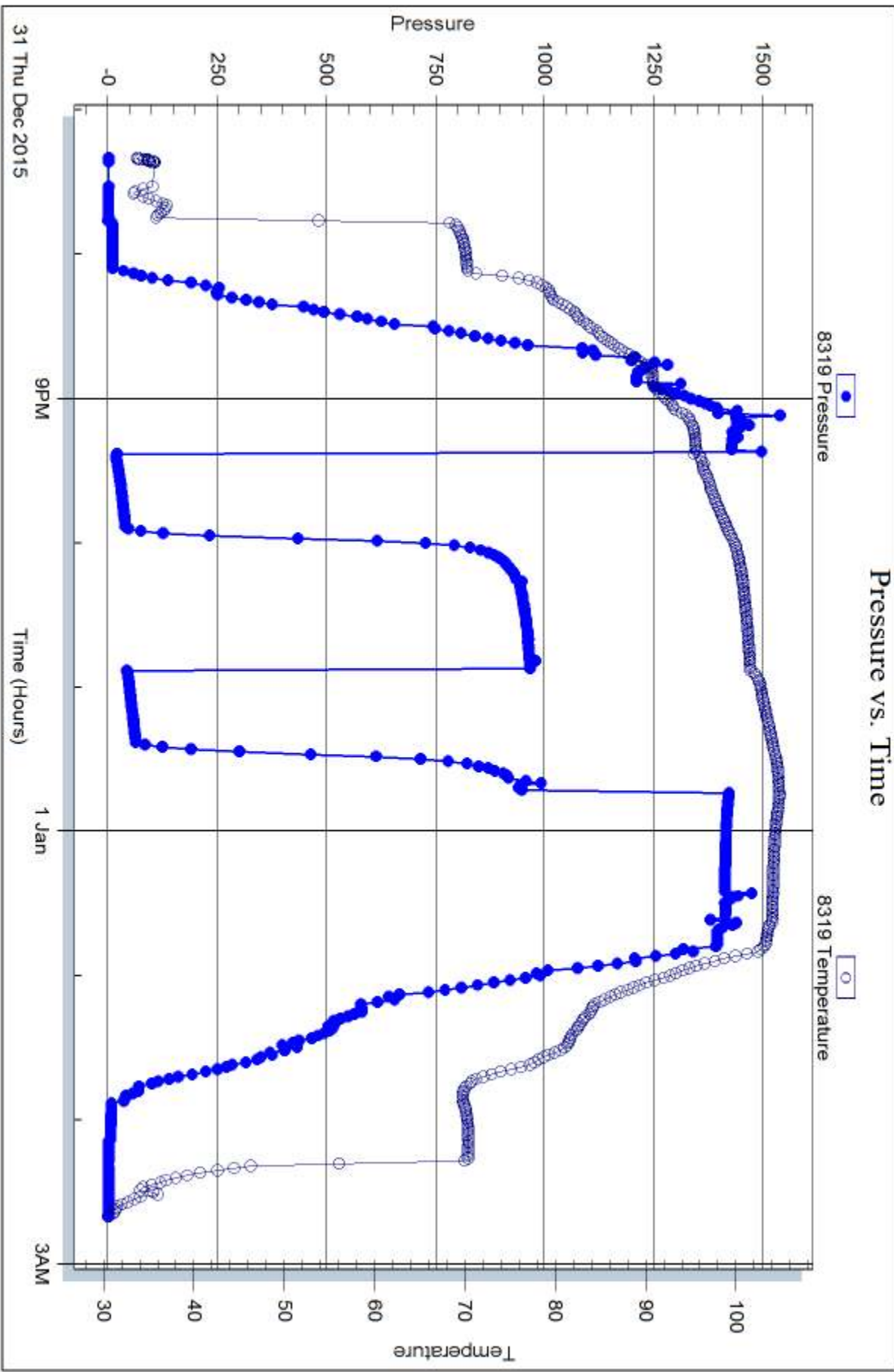


Serial #: 8319

Outside CMX Inc

Bushlon #1-30

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 62975

Printed: 2016.01.04 @ 08:51:45



## DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy  
Bldg 300 B  
Wichita KS 67206

ATTN: Ken Leblanc

### **Bushton #1-30**

#### **30-17s-9w Ellsworth,KS**

Start Date: 2016.01.02 @ 00:20:00

End Date: 2016.01.02 @ 08:30:16

Job Ticket #: 62976                      DST #: 2

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

Printed: 2016.01.04 @ 08:50:23



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

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

**30-17s-9w Ellsworth,KS**

**Bushton #1-30**

Job Ticket: 62976

**DST#: 2**

Test Start: 2016.01.02 @ 00:20:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:19:46

Time Test Ended: 08:30:16

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 55

**Interval: 3170.00 ft (KB) To 3242.00 ft (KB) (TVD)**

Reference Elevations: 1766.00 ft (KB)

Total Depth: 3242.00 ft (KB) (TVD)

1758.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6731 Outside**

Press@RunDepth: 59.80 psig @ 3172.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.01.02 End Date: 2016.01.02

Last Calib.: 2016.01.02

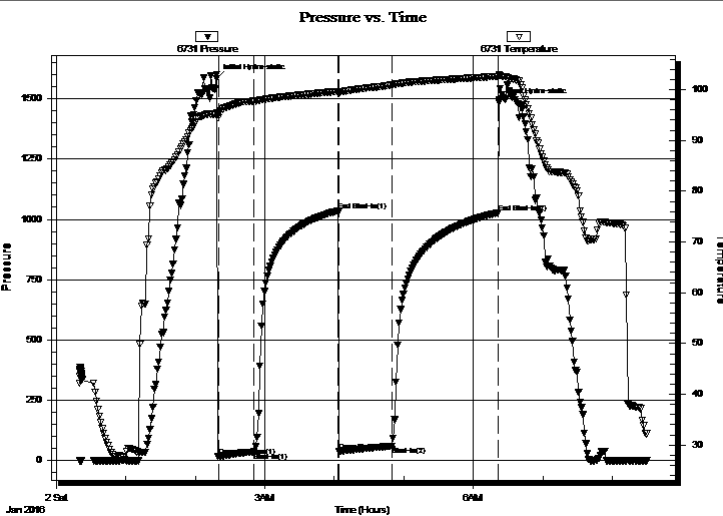
Start Time: 00:20:01 End Time: 08:30:16

Time On Btm: 2016.01.02 @ 02:18:31

Time Off Btm: 2016.01.02 @ 06:22:16

**TEST COMMENT:** IFP-30 Minutes-Fair blow built 1" from bottom of bucket  
ISIP-60 Minutes-No blow back  
FFP-60 Minutes-BOB in 30 minutes  
FSIP-90 Minutes-No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1582.43	95.34	Initial Hydro-static
2	16.37	95.17	Open To Flow (1)
32	35.87	97.74	Shut-In(1)
105	1035.37	99.67	End Shut-In(1)
106	38.50	99.49	Open To Flow (2)
151	59.80	100.93	Shut-In(2)
243	1027.70	102.61	End Shut-In(2)
244	1483.70	103.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCM 10%oil 90%mud	0.84
120.00	GO 10%gas 90 %oil	1.68
0.00	120' GIP	0.00

## 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

**30-17s-9w Ellsworth,KS**  
**Bushton #1-30**  
Job Ticket: 62976 **DST#: 2**  
Test Start: 2016.01.02 @ 00:20:00

**Tool Information**

Drill Pipe:	Length: 3155.00 ft	Diameter: 3.80 inches	Volume: 44.26 bbl	Tool Weight: 1000.00 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: 44.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3170.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	94.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			3153.00	
Hydraulic tool	5.00			3158.00	
Safety Joint	2.00			3160.00	
Packer	5.00			3165.00	22.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Recorder	1.00	6666	Inside	3171.00	
Recorder	1.00	6731	Outside	3172.00	
Perforations	3.00			3175.00	
Change Over Sub	0.75			3175.75	
Drill Pipe	62.50			3238.25	
Change Over Sub	0.75			3239.00	
Bullnose	3.00			3242.00	72.00 Bottom Packers & Anchor

**Total Tool Length: 94.00**



**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

**30-17s-9w Ellsworth,KS**  
**Bushton #1-30**  
Job Ticket: 62976      **DST#: 2**  
Test Start: 2016.01.02 @ 00:20:00

## Mud and Cushion Information

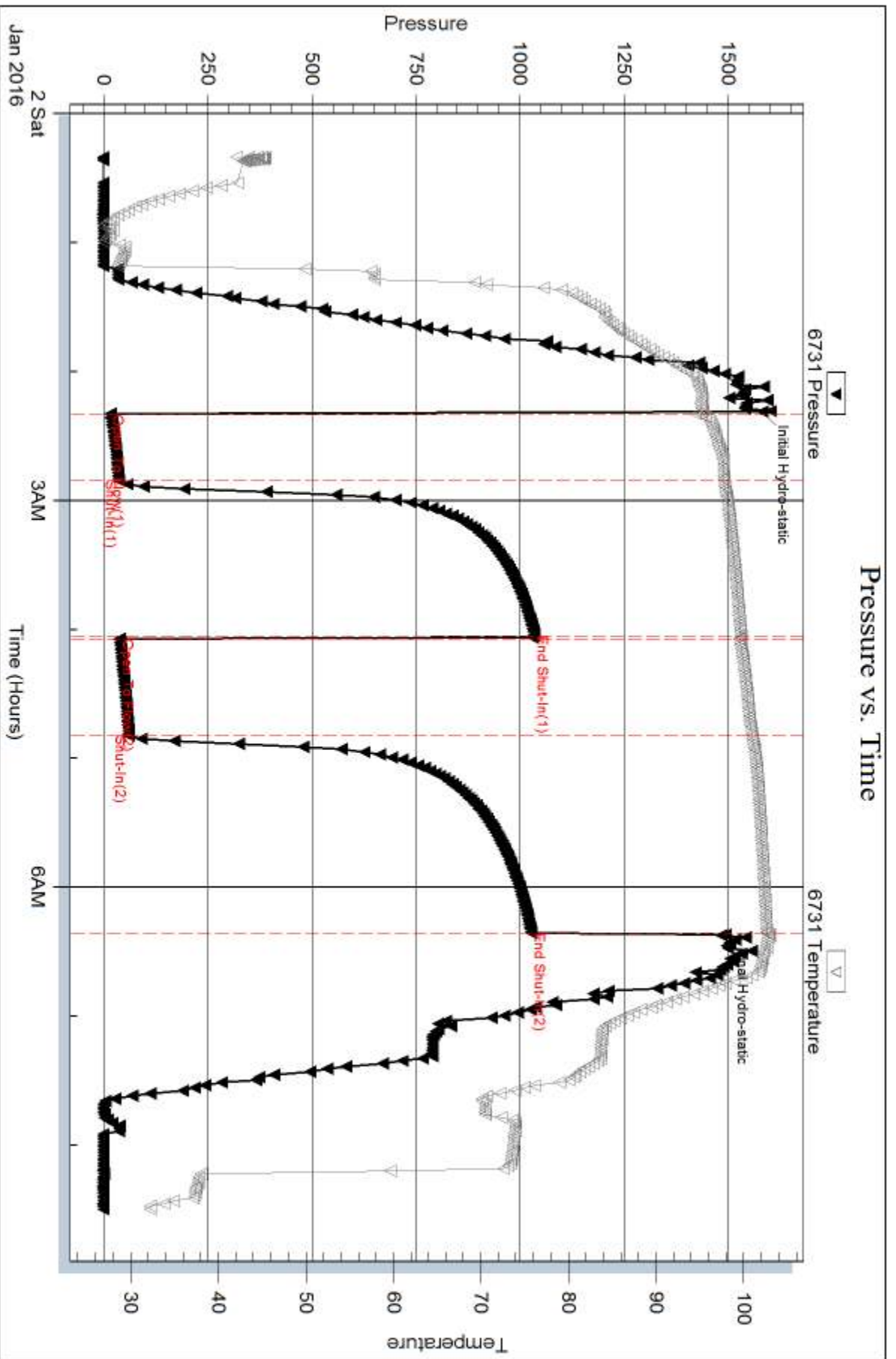
Mud Type: Gel Chem	Cushion Type:	Oil API: 44 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 6.79 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4800.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCM 10%oil 90%mud	0.842
120.00	GO 10%gas 90 %oil	1.683
0.00	120' GIP	0.000

Total Length: 180.00 ft      Total Volume: 2.525 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:



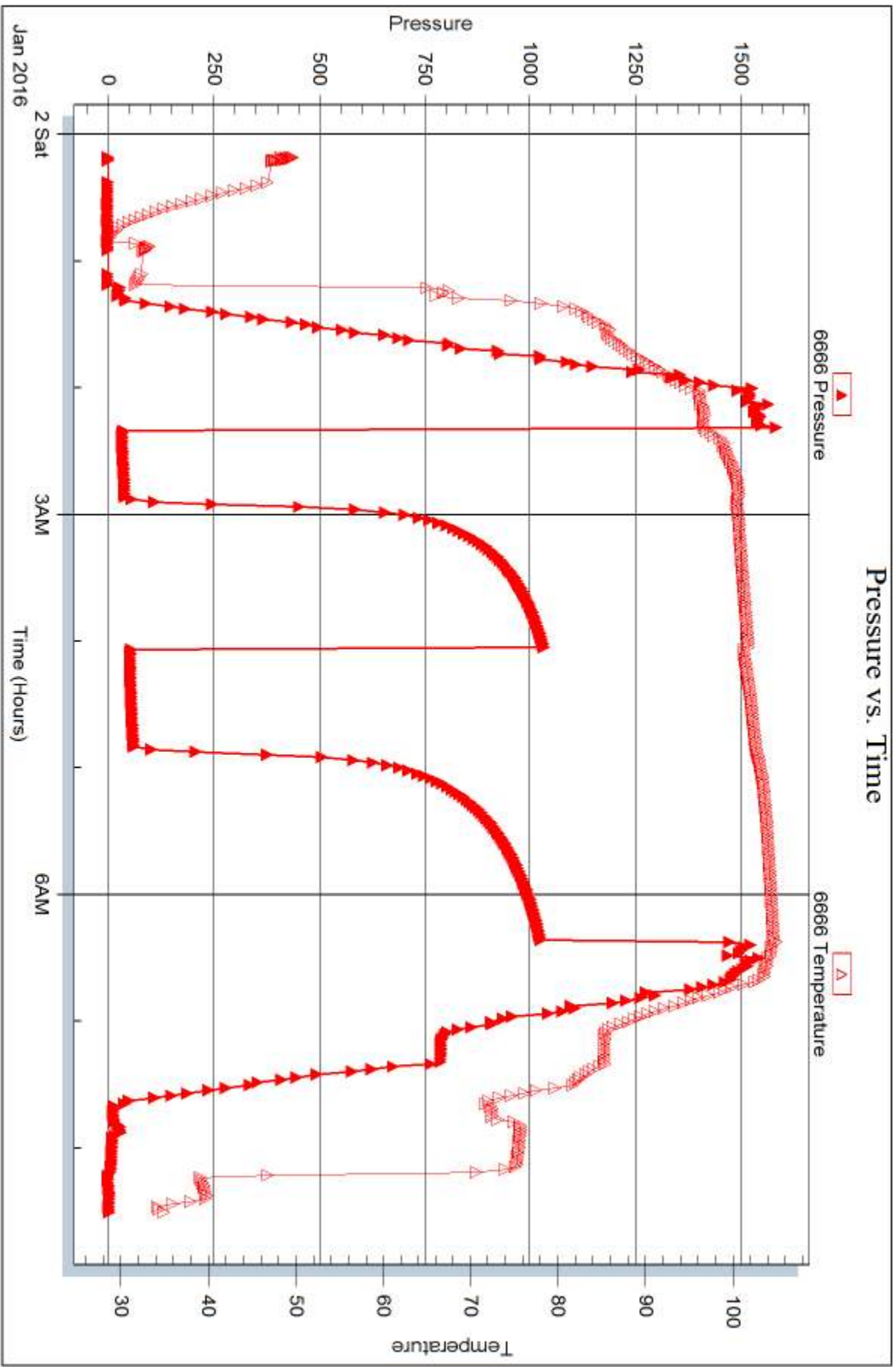
Serial #: 6666

Inside

CMX Inc

Bushton #1-30

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 62976

Printed: 2016.01.04 @ 08:50:25





## DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy Bldg 300 B Wichita  
KS 67206

ATTN: Ken Leblanc

### **Bushton #1-30**

#### **30-17s-9w Ellsworth,KS**

Start Date: 2016.01.02 @ 15:30:01

End Date: 2016.01.02 @ 22:43:31

Job Ticket #: 62977                      DST #: 3

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

Printed: 2016.01.04 @ 08:49:41



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

CMX Inc

**30-17s-9w Ellsworth, KS**

1700 N Waterfront Pkwy Bldg 300 B Wichita KS 67206

**Bushton #1-30**

Job Ticket: 62977

**DST#: 3**

ATTN: Ken Leblanc

Test Start: 2016.01.02 @ 15:30:01

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:59:31

Time Test Ended: 22:43:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 55

**Interval: 3237.00 ft (KB) To 3246.00 ft (KB) (TVD)**

Reference Elevations: 1766.00 ft (KB)

Total Depth: 3246.00 ft (KB) (TVD)

1758.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6731 Outside**

Press@RunDepth: 61.50 psig @ 3239.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.01.02

End Date:

2016.01.02

Last Calib.:

2016.01.02

Start Time:

15:30:01

End Time:

22:43:31

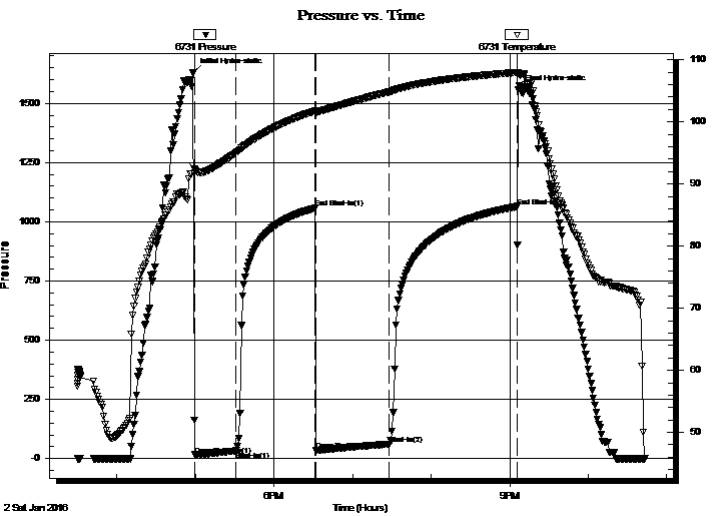
Time On Btm:

2016.01.02 @ 16:58:16

Time Off Btm:

2016.01.02 @ 21:06:31

**TEST COMMENT:** IFP-30 Minutes-BOBt in 22 minutes  
 ISIP-60 Minutes-No blow back  
 FFP-60 Minutes-BOB in 30 minutes  
 FSIP-90 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.86	92.91	Initial Hydro-static
2	15.74	92.27	Open To Flow (1)
33	31.19	95.00	Shut-In(1)
93	1056.94	101.74	End Shut-In(1)
94	33.58	101.56	Open To Flow (2)
150	61.50	104.82	Shut-In(2)
248	1064.55	107.95	End Shut-In(2)
249	1558.59	107.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GMCO gas 10% 80%oil 10%Mud	0.84
75.00	CGO 10%gas 90%oil	1.05
0.00	180' GIP	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc

**30-17s-9w Ellsworth,KS**

1700 N Waterfront Pkwy Bldg 300 B Wichita KS  
67206

**Bushton #1-30**

Job Ticket: 62977

**DST#: 3**

ATTN: Ken Leblanc

Test Start: 2016.01.02 @ 15:30:01

## Tool Information

Drill Pipe:	Length: 3246.00 ft	Diameter: 3.80 inches	Volume: 45.53 bbl	Tool Weight: 1000.00 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: 55000.00 lb
			<u>Total Volume: 45.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3237.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	31.00 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			3220.00	
Hydraulic tool	5.00			3225.00	
Safety Joint	2.00			3227.00	
Packer	5.00			3232.00	22.00 Bottom Of Top Packer
Packer	5.00			3237.00	
Recorder	1.00	6666	Inside	3238.00	
Recorder	1.00	6731	Outside	3239.00	
Perforations	4.00			3243.00	
Bullnose	3.00			3246.00	9.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>31.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

CMX Inc

**30-17s-9w Ellsworth,KS**

1700 N Waterfront Pkw y Bldg 300 B Wichita KS  
67206

**Bushton #1-30**

Job Ticket: 62977

**DST#: 3**

ATTN: Ken Leblanc

Test Start: 2016.01.02 @ 15:30:01

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

44 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	GMCO gas 10% 80%oil 10%Mud	0.842
75.00	CGO 10%gas 90%oil	1.052
0.00	180' GIP	0.000

Total Length: 135.00 ft

Total Volume: 1.894 bbl

Num Fluid Samples: 0

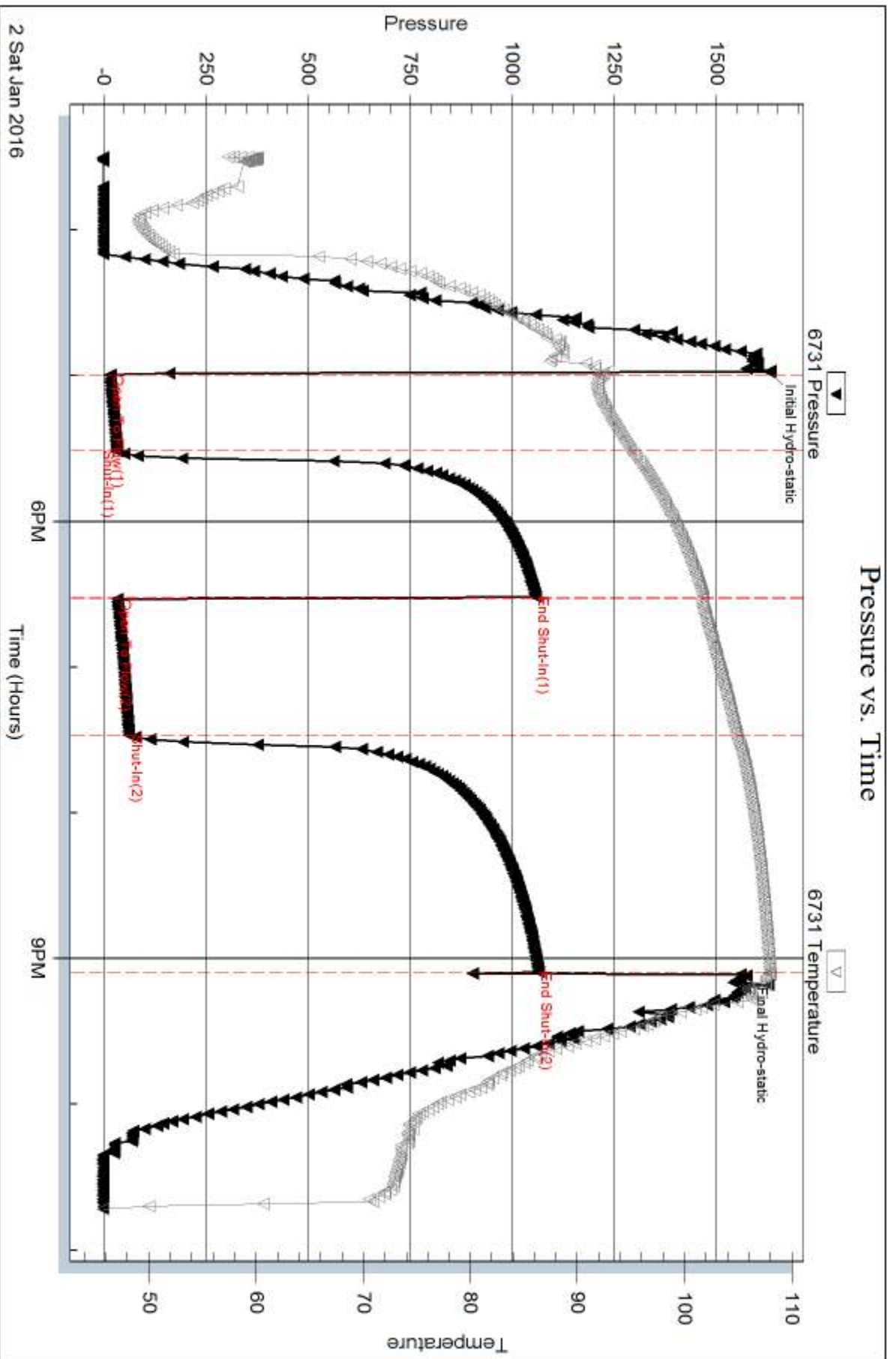
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



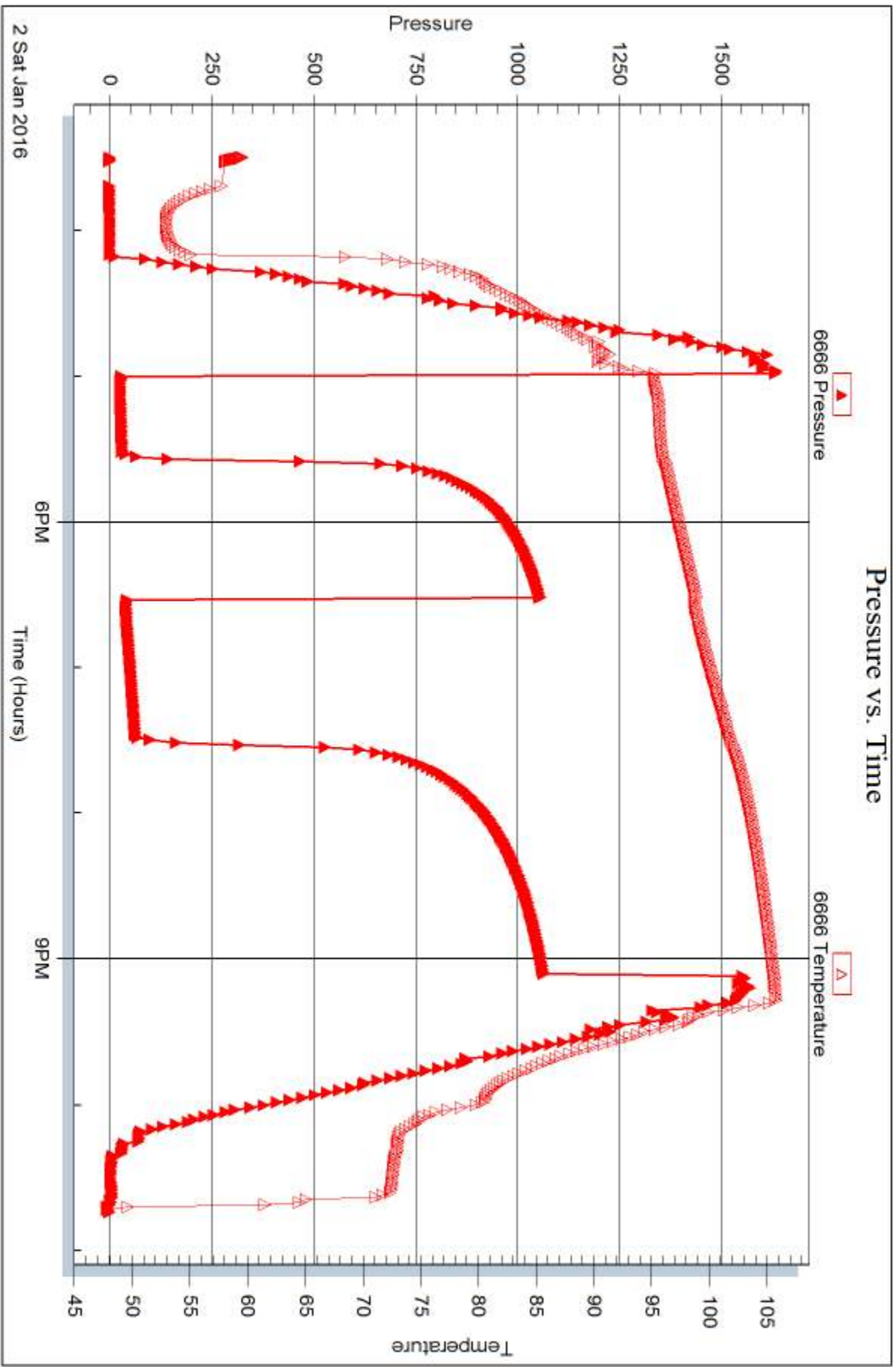
Serial #: 6666

Inside

CMX Inc

Bushlon #1-30

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 62977

Printed: 2016.01.04 @ 08:49:43



## DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy Bldg 300 B Wichita  
KS 67206

ATTN: Ken Leblanc

### **Bushton #1-30**

#### **30-17s-9w Ellsworth,KS**

Start Date: 2016.01.03 @ 04:20:00

End Date: 2016.01.03 @ 11:16:31

Job Ticket #: 62978                      DST #: 4

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

Printed: 2016.01.04 @ 08:48:30





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

CMX Inc

**30-17s-9w Ellsworth,KS**

1700 N Waterfront Pkwy Bldg 300 B Wichita KS  
67206

**Bushton #1-30**

Job Ticket: 62978

**DST#: 4**

ATTN: Ken Leblanc

Test Start: 2016.01.03 @ 04:20:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:00:31

Time Test Ended: 11:16:31

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 55

**Interval: 3244.00 ft (KB) To 3251.00 ft (KB) (TVD)**

Reference Elevations: 1766.00 ft (KB)

Total Depth: 3351.00 ft (KB) (TVD)

1758.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6731 Outside**

Press@RunDepth: 403.82 psig @ 3246.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.01.03

End Date: 2016.01.03

Last Calib.: 2016.01.03

Start Time: 04:20:01

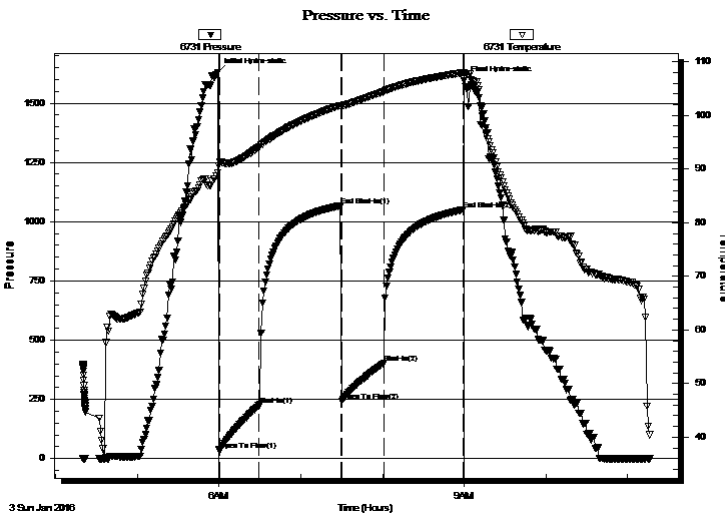
End Time: 11:16:31

Time On Btm: 2016.01.03 @ 05:59:16

Time Off Btm: 2016.01.03 @ 09:00:01

**TEST COMMENT:** IFP-30 Minutes-BIOB in 2 minutes  
ISIP-60 Minutes-Very weak surface blow  
FFP-30 Minutes-BOB in 2 minutes  
FSIP-60 Minutes-No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.23	89.31	Initial Hydro-static
2	36.87	91.35	Open To Flow (1)
31	225.17	94.11	Shut-In(1)
90	1067.31	101.87	End Shut-In(1)
91	241.47	101.73	Open To Flow (2)
122	403.82	104.47	Shut-In(2)
180	1050.09	107.95	End Shut-In(2)
181	1595.21	108.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1080.00	CGO 10%gas 90%oil	15.15
0.00	240' GIP	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

CMX Inc

**30-17s-9w Ellsworth,KS**

1700 N Waterfront Pkw y Bldg 300 B Wichita KS  
67206

**Bushton #1-30**

Job Ticket: 62978

**DST#: 4**

ATTN: Ken Leblanc

Test Start: 2016.01.03 @ 04:20:00

## Tool Information

Drill Pipe:	Length: 3257.00 ft	Diameter: 3.80 inches	Volume: 45.69 bbl	Tool Weight:	1000.00 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:	lb
			<u>Total Volume: 45.69 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3244.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	29.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Hydraulic tool	5.00			3232.00		
Safety Joint	2.00			3234.00		
Packer	5.00			3239.00	17.00	Bottom Of Top Packer
Packer	5.00			3244.00		
Recorder	1.00	6666	Inside	3245.00		
Recorder	1.00	6731	Outside	3246.00		
Shut In Tool	5.00			3251.00		
Perforations	2.00			3253.00		
Bullnose	3.00			3256.00	12.00	Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>29.00</b>					



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

CMX Inc

**30-17s-9w Ellsworth,KS**

1700 N Waterfront Pkw y Bldg 300 B Wichita KS  
67206

**Bushton #1-30**

Job Ticket: 62978

**DST#: 4**

ATTN: Ken Leblanc

Test Start: 2016.01.03 @ 04:20:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

44 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.60 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1080.00	CGO 10%gas 90%oil	15.150
0.00	240' GIP	0.000

Total Length: 1080.00 ft      Total Volume: 15.150 bbl

Num Fluid Samples: 0

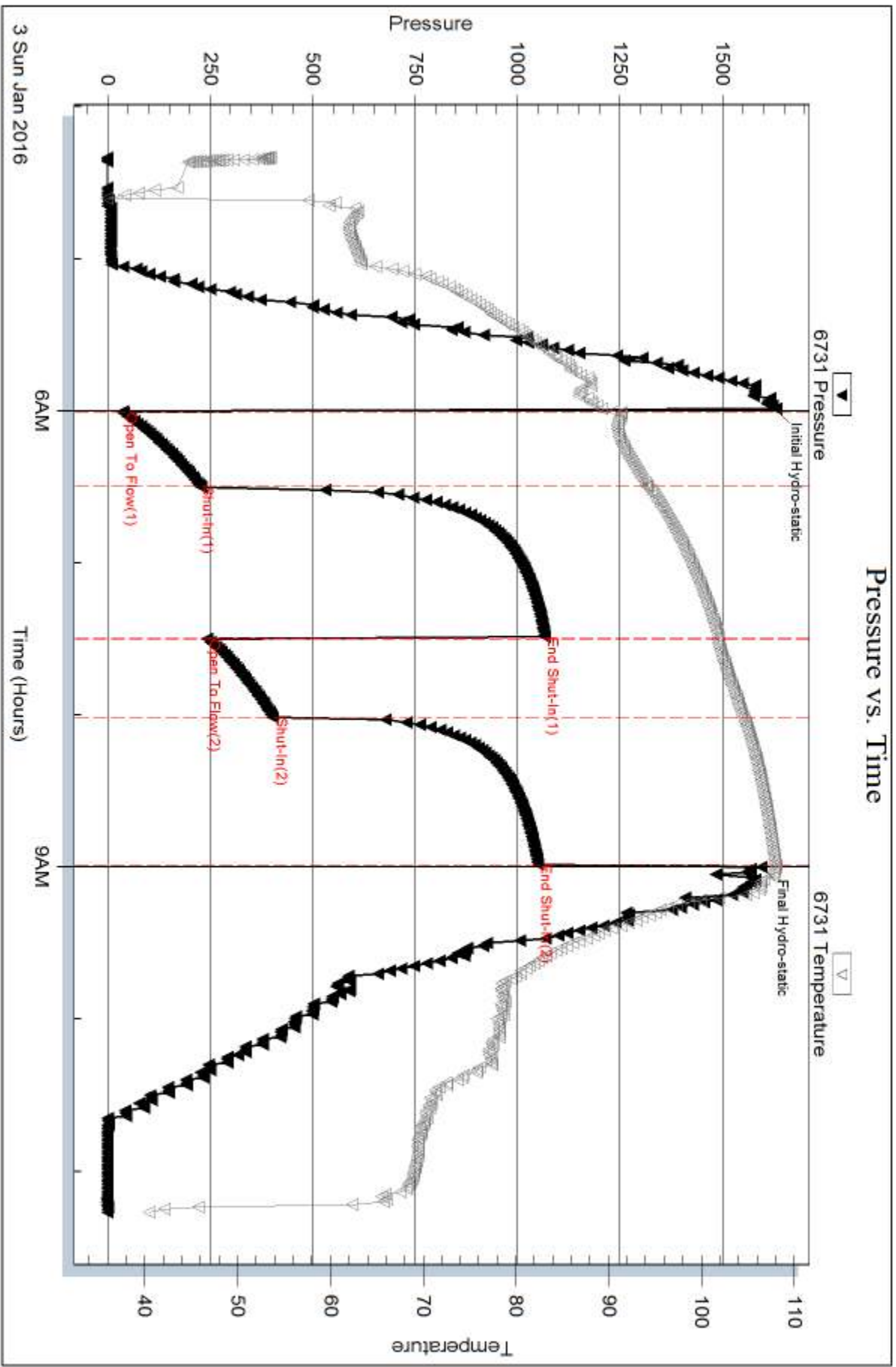
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



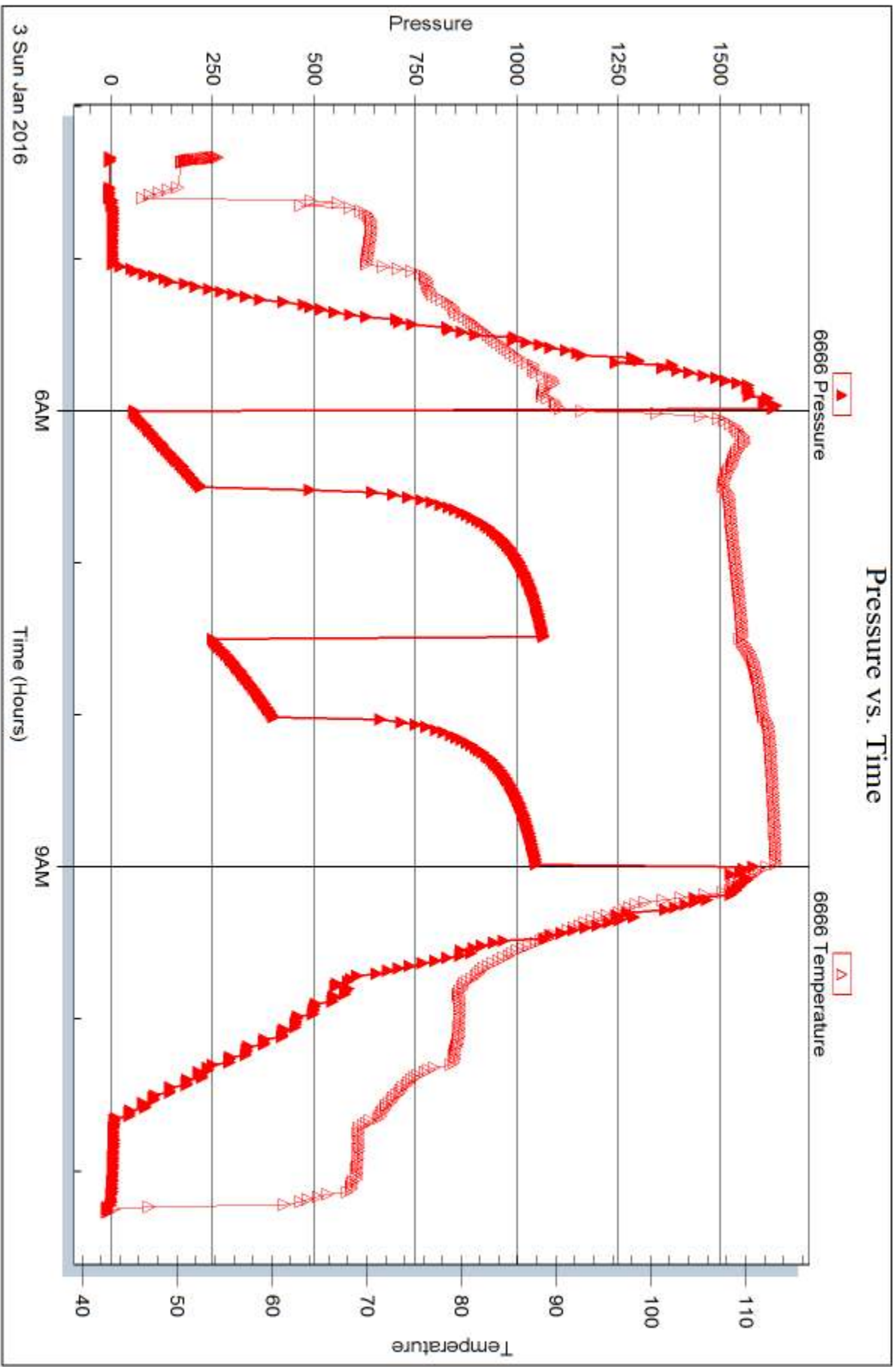
Serial #: 6666

Inside

CMX Inc

Bushlon #1-30

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 62978

Printed: 2016.01.04 @ 08:48:32



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 62975

Well Name & No. ~~WATERBURY~~ #1-30 Test No. 1 Date 12-31-2015

Company CMX Inc Elevation 1758 KB 1766 GL

Address 1700 N Waterfront PKWY Bldg 300B Wichita KS 67206

Co. Rep / Geo. Ken Goffene Rig Duke Drilling Rig #2

Location: Sec. 30 Twp. 17 Rge. 9 Co. Ellsworth State KS

Interval Tested 2985-3000 Zone Tested AKC

Anchor Length 15 Drill Pipe Run Mud Wt. 92

Top Packer Depth 2985 Drill Collars Run Vis 46

Bottom Packer Depth 3000 Wt. Pipe Run WL 6.8

Total Depth 3010 Chlorides 4,800 ppm System LCM

Blow Description IFF - Fair Blow Built Bottom of Bucket / Fuel in 20 minutes.  
 ISIP - NO Blow Back  
 FFP - Fair Blow Built Bottom of Bucket in 27 minutes  
 FSIP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
45	mud water		85	15	
60	water		90	10	
	chlorides 30,000				

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW -3 @ -55 ° F Chlorides 8000 ppm

(A) Initial Hydrostatic 1486  Test 1050 T-On Location 5:30pm

(B) First Initial Flow 48  Jars \_\_\_\_\_ T-Started 7:20pm

(C) First Final Flow 61  Safety Joint 75 T-Open 9:10pm

(D) Initial Shut-In 962  Circ Sub \_\_\_\_\_ T-Pulled 12:10am

(E) Second Initial Flow 76  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_

(F) Second Final Flow 62  Mileage 70 RT Great Bend 70 Comments \_\_\_\_\_

(G) Final Shut-In 912  Sampler \_\_\_\_\_

(H) Final Hydrostatic 1414  Straddle 600 \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_

Initial Shut-In 60  Extra Packer \_\_\_\_\_

Final Flow 30  Extra Recorder \_\_\_\_\_

Final Shut-In 60  Day Standby \_\_\_\_\_

Accessibility \_\_\_\_\_

Sub Total 1795  Ruined Shale Packer \_\_\_\_\_

Ruined Packer \_\_\_\_\_

Extra Copies \_\_\_\_\_

Sub Total 0

Total 1795

MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ 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.

62976

Well Name & No. Bushlon #1-30 Test No. 2 Date 1-2-2016  
 Company CMX Inc Elevation 1758 KB 1766 GL  
 Address 1700N waterfront PKWY Bldg 300B Wichita KS 67206  
 Co. Rep / Geo. Ken Lablanc Rig Dike Dilling Rpt # 2  
 Location: Sec. 30 Twp. 17 Rge. 9 Co. Ellsworth State KS

Interval Tested 3170-3242 Zone Tested A-back  
 Anchor Length 72 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.2  
 Top Packer Depth 3165 Drill Collars Run \_\_\_\_\_ Vis 51  
 Bottom Packer Depth 3170 Wt. Pipe Run \_\_\_\_\_ WL 6.9  
 Total Depth 3242 Chlorides 4.800 ppm System LCM \_\_\_\_\_

Blow Description IFP - Fair Blow Built In from Bottom Bucket  
ISIP - NO Blow Back  
FFP - Fair Blow Built Bottom Bucket in 30 minutes  
FSIP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>mud</u>	<u>10</u>	<u>90</u>	<u>80</u>	
<u>180</u>	<u>clean Gas Out</u>	<u>10</u>	<u>90</u>		
<u>180</u>	<u>Gas in pipe</u>	<u>100</u>			

Rec Total \_\_\_\_\_ BHT 44 Gravity 44 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1582  Test 1050 T-On Location 11:20pm  
 (B) First Initial Flow 16  Jars \_\_\_\_\_ T-Started 12:20am  
 (C) First Final Flow 35  Safety Joint 75 T-Open 2:05 am  
 (D) Initial Shut-In 1035  Circ Sub \_\_\_\_\_ T-Pulled 6:05 AM  
 (E) Second Initial Flow 38  Hourly Standby \_\_\_\_\_ T-Out 8:30am  
 (F) Second Final Flow 59  Mileage 70 RT Grand Bend 70 Comments \_\_\_\_\_  
 (G) Final Shut-In 1027  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1483  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 60  Day Standby \_\_\_\_\_ Total 1195  
 Final Flow 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 90 Sub Total 1195

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. 62977

Well Name & No. Bishton #1-30 Test No. 3 Date 1-2-2016  
 Company CMX Inc Elevation \_\_\_\_\_ KB \_\_\_\_\_ GL \_\_\_\_\_  
 Address 1700 N WATERFRONT PKWY Bldg 300B Wichita KS 67206  
 Co. Rep / Geo. Ken Latture Rig Duke Dalby Rig #2  
 Location: Sec. 30 Twp. 17 Rge. 9 Co. Ellsworth State KS

Interval Tested 3237-3246 Zone Tested Airbuckle  
 Anchor Length 9 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.6  
 Top Packer Depth 3232 Drill Collars Run \_\_\_\_\_ Vis 62  
 Bottom Packer Depth 3237 Wt. Pipe Run \_\_\_\_\_ WL 6.6  
 Total Depth 3246 Chlorides 4800 ppm System LCM \_\_\_\_\_

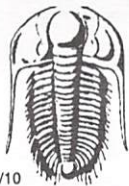
Blow Description IFP- Fair Blow Built Bottom Bucket in 22 minutes  
ISIP- No Blow Back  
IFP- Fair Blow Built Bottom Bucket in 30 minutes  
FSIP- No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>60 m</u>	<u>10</u>	<u>80</u>		
<u>60</u>	<u>60</u>	<u>10</u>	<u>90</u>		
<u>15</u>	<u>60</u>	<u>10</u>	<u>90</u>		
<u>180</u>	<u>Gas in pipe</u>				
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity 84 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1628  Test 1050 T-On Location 2:48 pm  
 (B) First Initial Flow 15  Jars \_\_\_\_\_ T-Started 3:30  
 (C) First Final Flow 31  Safety Joint 75 T-Open 4:48  
 (D) Initial Shut-In 1056  Circ Sub \_\_\_\_\_ T-Pulled 8:48 pm  
 (E) Second Initial Flow 33  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 61  Mileage 70 RT Great Road 70 Comments \_\_\_\_\_  
 (G) Final Shut-In 1064  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1558  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 60  Day Standby \_\_\_\_\_ Total 1195  
 Final Flow 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 90 Sub Total 1195

Approved By \_\_\_\_\_ 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. 62978

Well Name & No. Bushton #1-30 Test No. 4 Date 1-3-2016  
 Company CMX Inc Elevation 1758 KB 1766 GL  
 Address 1700 N Waterfront PKWY Bldg 300B Wichita KS 67206  
 Co. Rep / Geo. Ken Hablanc Rig Duke Drilling Rig #2  
 Location: Sec. 30 Twp. 17 Rge. 9 Co. Ellsworth State KS

Interval Tested 3244-3251 Zone Tested Arbuckle  
 Anchor Length 7 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.2  
 Top Packer Depth 3239 Drill Collars Run \_\_\_\_\_ Vis 6.2  
 Bottom Packer Depth 3244 Wt. Pipe Run \_\_\_\_\_ WL 6.6  
 Total Depth 3251 Chlorides 4,800 ppm System LCM \_\_\_\_\_

Blow Description IFP - Bottom of Bucket in 2 minutes  
ISIP - Very Weak Surface  
FFP - Strong Blow Bottom of Bucket in 2 minutes  
FSIP - NO Draw Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1080</u>	<u>Gas oil</u>	<u>10</u>	<u>90</u>		
<u>240</u>	<u>Gas in pipe</u>				

Rec Total \_\_\_\_\_ BHT 107 Gravity 44 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1629  Test 1050 T-On Location 3:30 AM  
 (B) First Initial Flow 36  Jars \_\_\_\_\_ T-Started 4:20  
 (C) First Final Flow 225  Safety Joint 75 T-Open 5:54  
 (D) Initial Shut-In 1067  Circ Sub \_\_\_\_\_ T-Pulled 8:54  
 (E) Second Initial Flow 241  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 403  Mileage 70 RT Grad Band 70 Comments \_\_\_\_\_  
 (G) Final Shut-In 1050  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1595  Straddle \_\_\_\_\_  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 60  Day Standby \_\_\_\_\_ Total 1195  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1195

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.