

1269068

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			
Geologist Report / Mud Logs	<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)*

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>			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:	
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Form	ACO1 - Well Completion
Operator	CMX, Inc.
Well Name	Clafin 2-35
Doc ID	1269068

All Electric Logs Run

Dual Induction
Neutron Density
Microresistivity
Sonic



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	09/03/2015
INVOICE NUMBER			
91906883			

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 Claflin 2-35
 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
40871547	27463		Net - 30 days	10/03/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 09/01/2015 to 09/01/2015</i>				
0040871547				
171812616A Cement-New Well Casing/Pi 09/01/2015 Cement Surface				
60/40 POZ	310.00	EA	4.80	1,487.90 T
Celloflake	78.00	EA	1.48	115.43 T
Calcium Chloride	801.00	EA	0.42	336.40 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	389.98
"Proppant & Bulk Del. Chgs., per ton mil	868.00	EA	1.00	867.95
Depth Charge; 0-500'	1.00	EA	399.98	399.98
Blending & Mixing Service Charge	310.00	BAG	0.56	173.59
Plug Container Util. Chg.	1.00	EA	99.99	99.99
"Service Supervisor, first 8 hrs on loc.	1.00	EA	70.00	70.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,122.21
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	145.48
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,267.69
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

35-165-11W

FIELD SERVICE TICKET

1718 12616 A

DATE _____ TICKET NO. _____

DATE OF JOB 9-1-15 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 CMX, Inc.		LEASE Claflin WELL NO. 235				
ADDRESS		COUNTY Barton STATE Kansas				
CITY STATE		SERVICE CREW Messick, J Anthony; B Whitfield				
AUTHORIZED BY		JOB TYPE C NW - Surface				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 8-31-15 ^{PATE} ^{AM} ^{PM} 6:30
27463	1.25					ARRIVED AT JOB 8-31-15 ^{AM} ^{PM} 9:00
19918	1.25					START OPERATION 9-1-15 ^{AM} ^{PM} 11:15
						FINISH OPERATION 9-1-15 ^{AM} ^{PM} 12:30
						RELEASED 9-1-15 ^{AM} ^{PM} 12:45
						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: Dem Vasquez
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP103	60/40 Poz	sk	310		\$ 3,720 00
CC102	Cell Plate	Lb	78		\$ 288 60
CC109	Calcium Chloride	Lb	801		\$ 841 05
CF153	Wooden Cement Plug, 8 7/8"	Ea	1		\$ 160 00
E100	Unit Mileage Charge - Pickups, small vans & cars	mi	65		\$ 292 50
E101	Heavy Equipment Mileage	m.	130		\$ 975 00
E113	Prep and Built Delivery	Tm	868		\$ 2,169 38
CE200	Depth Charge: 0 Feet To 500 Feet	4hr	1		\$ 1,000 00
CE240	Blending and Mixing Service	sk	310		\$ 434 00
CE504	Plug Container	Job	1		\$ 250 00
S003	Service Supervisor	Ea	1		\$ 175 00
SUB TOTAL					\$ 10,305 53

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		\$ 4,122 21

SERVICE REPRESENTATIVE <u>R M Good</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <u>Dem Vasquez</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
--	--

FIELD SERVICE ORDER NO.

BASIC

energy services, L.P.

TREATMENT REPORT

Customer CMX, Inc.	Lease No.	Date 9-1-15
Lease Claflin	Well # 2-35	
Field Order # 12816	Station Pratt, Kansas	Gas Fr. " 8 7/8 Depth 24 Lb.
Type Job C.N.W. - Surface	Formation	County Barton State Kansas
		Legal Description 35-165-11W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 8 7/8" 24 Lb./Ft.	Tubing Size 6 1/2" 16.7 Lb./Ft.	Shots/Ft.		600 310 Sacks	60/40 60/40 Poz	RATE	PRESS.	ISIP
Depth 472 Feet	Depth	From	To	28 28 Total Gel	38 38 Calcium Chloride	Max		5 Min.
Volume 30 Bbl.	Volume	From	To	25 .25 Lb./sh. cell	plate plate	Min		10 Min.
Max Press 300 P.S.I.	Max Press	From	To			Avg		15 Min.
Well Connection Plug Container	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth 457 Feet	Packer Depth	From	To	Flush 29 Bbl. Fresh Water		Gas Volume		Total Load

Customer Representative Deon Vasquez	Station Manager Kevin Gordley	Frater Clarence R. Messick
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Service Units	37,216	27,463	Whitfield						
Driver Names	Messick	Anthony	19,826	19,918					

Time P.M.	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					Trucks on location and hold safety meeting.
9:45					Duke Drilling start to run 11 Jts. new 24 Lb./Ft. 8 7/8" casing.
11:05					Casing in well. Circulate for 5 minutes.
11:15	200			5	Start Fresh Water Pre-Flush.
	200		10	5	Start mixing 310 Sacks 60/40 Poz cement.
	-0-		76		Stop pumping. Shut in well. Release Wooden Plug. Open Well.
11:50	200			5	Start Fresh Water Displacement.
12:00	300		29		Plug down. Shut in well.
					Circulated 10 sacks cement to the pit.
					Wash up pump truck.
12:30					Job Complete.
					Thank You.
					Clarence, James, Brian



PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	09/13/2015
INVOICE NUMBER			
91912937			

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 Claflin 2-35
 O LOCATION
 B COUNTY Barton
 S STATE KS
 I JOB DESCRIPTION Cement-New Well Casing/Pl
 T JOB CONTACT
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40873608	19843		Net - 30 days	10/13/2015

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 09/07/2015 to 09/07/2015</i>				
0040873608				
171812690A Cement-New Well Casing/Pl 09/07/2015 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 12690 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>9-7-15</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>Platform</u>		Z-35 WELL NO.						
ADDRESS _____		COUNTY <u>Butler</u>		STATE <u>Ks</u>						
CITY _____ STATE _____		SERVICE CREW <u>Scott, Shawn, Rick</u>								
AUTHORIZED BY <u>Keith</u>		JOB TYPE: <u>5 1/2 inch installation</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>19843</u>	<u>1</u>									
<u>19860</u>	<u>.25</u>									
ARRIVED AT JOB							<u>9/6/15</u>	AM	PM	<u>9:50</u>
START OPERATION							<u>9/7/15</u>	AM	PM	<u>2:25</u>
FINISH OPERATION							<u>9/7/15</u>	AM	PM	<u>3:20</u>
RELEASED							<u>9/7/15</u>	AM	PM	<u>4:00</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, material 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
CD105	AA7 cement	SK	175		2975.00
CP103	60/40 P07	SK	50		600.00
CC105	F-41P	lb	33		137.00
CC111	SALT	lb	810		415.50
CC112	Cement Friction Reducer	lb	50		300.00
CC129	FIA-377	lb	85		677.50
CC201	Gilsonite	lb	875		586.25
CF607	Latch down Plug + Baffle	ea	1		400.00
CF1051	Cement Shoe Packet Type 5 1/2	ea	1		7800.00
CF1051	Turbalizers 5 1/2	ea	10		1100.00
CF1001	Basket 5 1/2	ea	1		290.00
CF151	Mud Flush	gal	500		750.00
F100	Leak Mitigate Pickup	MI	65		297.50
F101	Heavy Equipment Mitigate	MI	18		975.00
F115	Double Bulk Delivery Tanker	TM	676		1690.00
CE704	Depth Charge 3001-4000'	4hrs	1		2160.00
CE740	Blending & Mixing Charge	SK	275		315.00
CE504	Plug Container Utilization	Job	1		250.00
SC03	SAVING SUPERVISOR	ea	1		175.00
SUB TOTAL					16,818.20

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		16,818.20

SERVICE REPRESENTATIVE _____ THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Keith
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. _____

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>CMY Inc</i>	Lease No.	Date <i>9/7/15</i>
Lease <i>Pratt</i>	Well # <i>2-35</i>	
Field Order # <i>12090A</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2</i>
Type Job <i>5 1/2 Long String</i>	Formation <i>CNW</i>	Depth <i>3108</i>
		County <i>Barton</i>
		State <i>5</i>
		Legal Description <i>35-16-11</i>

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			5 Min.	
Depth <i>3108</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>81.11</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 <i>Keith</i>	Station Manager <i>Kevin Gudy</i>	Treater <i>Sean / Thomas</i>
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Service Units <i>38976 84961 19845 19903 19860</i>									
Driver Names <i>Scott Shawr - Rocky -</i>									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:30</i>					<i>On location safe, Meeting Rig</i>
<i>11:30</i>					<i>Run Float Equipment, Base & Baffle in shoes</i>
<i>1:00</i>					<i>Turbos 1, 3, 5, 7, 9, 11, 13, 17</i>
<i>2:25</i>	<i>1600</i>				<i>Break circulation on bottom</i>
<i>2:25</i>	<i>100</i>			<i>4</i>	<i>Set Packer shoe</i>
<i>2:26</i>	<i>150</i>		<i>5</i>	<i>4</i>	<i>Pump 1-120 spacer</i>
<i>2:29</i>	<i>200</i>		<i>12</i>	<i>4</i>	<i>Pump 500 gallons Mud + ws</i>
<i>2:36</i>	<i>200</i>		<i>5</i>	<i>5.5</i>	<i>Pump H2O spu -</i>
<i>2:38</i>	<i>0</i>		<i>42.38</i>		<i>Mix 175 sks AA2 @ 15 3.9%</i>
<i>2:39</i>	<i>0</i>				<i>shut down</i>
<i>2:40</i>	<i>0</i>			<i>5.9</i>	<i>flush pump + lines clean</i>
<i>3:00</i>	<i>300</i>		<i>57</i>	<i>5.8</i>	<i>Release plug start Diss</i>
<i>3:04</i>	<i>400</i>		<i>15</i>	<i>3</i>	<i>lift pressure</i>
<i>3:10</i>	<i>600</i>		<i>10</i>	<i>3</i>	<i>Reduce Rate</i>
<i>3:10</i>	<i>1400</i>				<i>Plug landed</i>
<i>3:20</i>	<i>0</i>				<i>Increase pressure on plug</i>
<i>3:20</i>	<i>0</i>		<i>36.8</i>	<i>3</i>	<i>Release pressure NO R v r</i>
<i>3:25</i>	<i>0</i>		<i>6.5</i>	<i>3</i>	<i>plug set hole 30 sks 60 10</i>
					<i>Job complete</i>
					<i>Plug Mouse hole 20 sks 60</i>



DRILL STEM TEST REPORT

Prepared For: **CMX**

1700N Waterfront PKWY BLDG 300B Wichita
KS 67206

ATTN: Ken LeBlanc

Clafin #2-35

35-16s-11w Barton,KS

Start Date: 2015.09.05 @ 10:10:00

End Date: 2015.09.05 @ 15:26:06

Job Ticket #: 62941 DST #: 1

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

Printed: 2015.09.08 @ 09:26:37

CMX 35-16s-11w Barton,KS Clafin #2-35 DST # 1 Arbuckle 2015.09.05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX

35-16s-11w Barton,KS

1700N Waterfront PKWY BLDG 300B Wichita KS 67206

Claflin #2-35

Job Ticket: 62941

DST#: 1

ATTN: Ken LeBlanc

Test Start: 2015.09.05 @ 10:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:32:51

Time Test Ended: 15:26:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 55

Interval: 3370.00 ft (KB) To 3410.00 ft (KB) (TVD)

Reference Elevations: 1939.00 ft (KB)

Total Depth: 3410.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8400 Inside

Press@RunDepth: 56.28 psig @ 3371.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.05

End Date:

2015.09.05

Last Calib.:

2015.09.05

Start Time: 10:10:01

End Time:

15:26:06

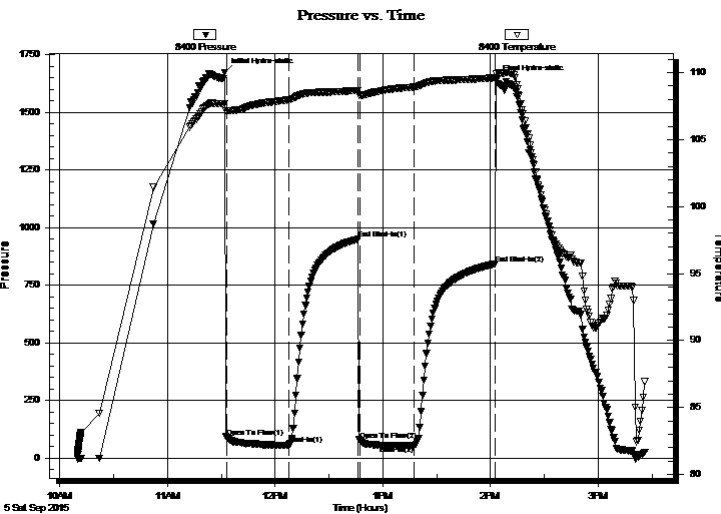
Time On Btm:

2015.09.05 @ 11:32:06

Time Off Btm:

2015.09.05 @ 14:03:21

TEST COMMENT: IFP-30 Minutes Weak blow built 1/8"
 ISIP-45 Minutes- No blow back
 FFP-30 Minutes- Very weak blow built 1/8"
 FSIP-45 Minutes- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1674.02	107.67	Initial Hydro-static
1	90.87	107.20	Open To Flow (1)
36	57.88	107.98	Shut-In(1)
75	950.31	108.68	End Shut-In(1)
75	77.78	108.32	Open To Flow (2)
106	56.28	108.92	Shut-In(2)
151	843.31	109.61	End Shut-In(2)
152	1643.97	109.92	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	HOCM 60% mud 40% oil	0.21

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX

35-16s-11w Barton,KS

1700N Waterfront PKWY BLDG 300B Wichita KS 67206

Claflin #2-35

Job Ticket: 62941

DST#: 1

ATTN: Ken LeBlanc

Test Start: 2015.09.05 @ 10:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:32:51

Time Test Ended: 15:26:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 55

Interval: 3370.00 ft (KB) To 3410.00 ft (KB) (TVD)

Reference Elevations: 1939.00 ft (KB)

Total Depth: 3410.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6666 Outside

Press@RunDepth: 842.00 psig @ 3372.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.05

End Date:

2015.09.05

Last Calib.:

2015.09.05

Start Time: 10:10:01

End Time:

15:26:21

Time On Btm:

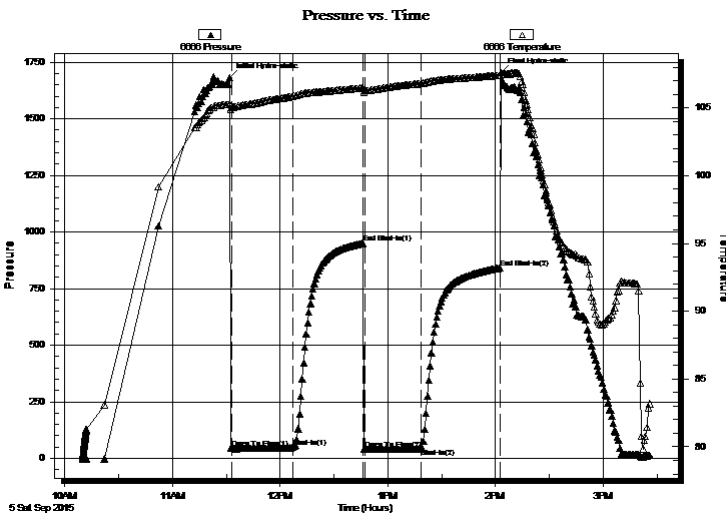
2015.09.05 @ 11:32:06

Time Off Btm:

2015.09.05 @ 14:03:21

TEST COMMENT: IFP-30 Minutes Weak blow built 1/8"
 ISIP-45 Minutes- No blow back
 FFP-30 Minutes- Very weak blow built 1/8"
 FSIP-45 Minutes- No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1682.03	105.30	Initial Hydro-static
1	45.81	105.04	Open To Flow (1)
35	49.19	105.86	Shut-In(1)
75	950.41	106.49	End Shut-In(1)
75	40.78	106.26	Open To Flow (2)
107	44.19	106.80	Shut-In(2)
151	842.00	107.41	End Shut-In(2)
152	1705.04	107.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	HOCM 60% mud 40% oil	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX

35-16s-11w Barton,KS

1700N Waterfront PKWY BLDG 300B Wichita KS
67206

Claflin #2-35

Job Ticket: 62941

DST#: 1

ATTN: Ken LeBlanc

Test Start: 2015.09.05 @ 10:10:00

Tool Information

Drill Pipe:	Length: 3374.00 ft	Diameter: 3.80 inches	Volume: 47.33 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: 47.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3370.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	68.00 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			3347.00	
Hydraulic tool	5.00			3352.00	
Jars	6.00			3358.00	
Safety Joint	2.00			3360.00	
Packer	5.00			3365.00	28.00 Bottom Of Top Packer
Packer	5.00			3370.00	
Recorder	1.00	8400	Inside	3371.00	
Recorder	1.00	6666	Outside	3372.00	
Anchor	34.00			3406.00	
Bullnose	4.00			3410.00	40.00 Bottom Packers & Anchor
Total Tool Length:	68.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX

35-16s-11w Barton,KS

1700N Waterfront PKWY BLDG 300B Wichita KS
67206

Claflin #2-35

Job Ticket: 62941

DST#: 1

ATTN: Ken LeBlanc

Test Start: 2015.09.05 @ 10:10:00

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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	HOCM 60% mud 40% oil	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

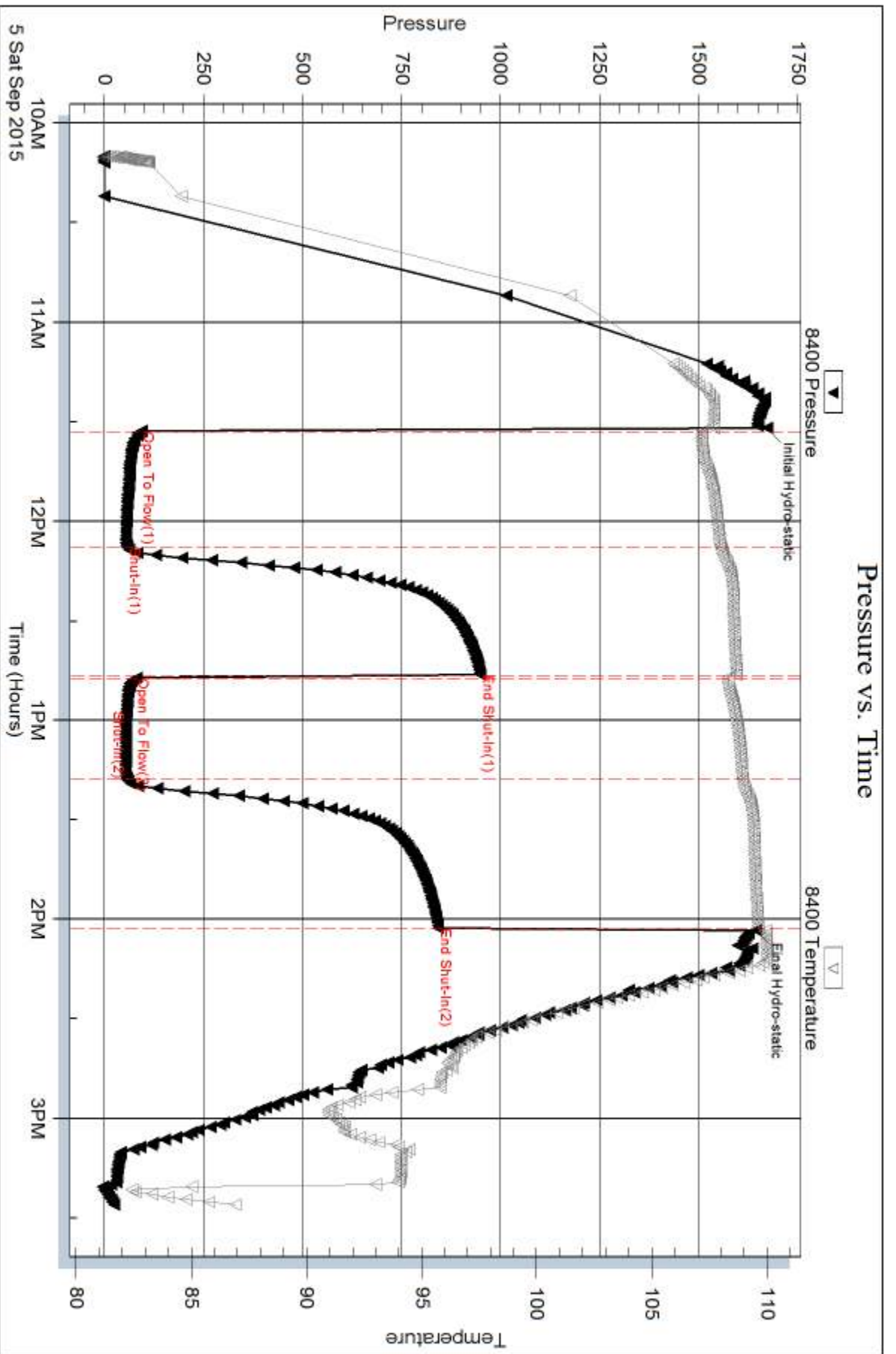
Num Gas Bombs: 0

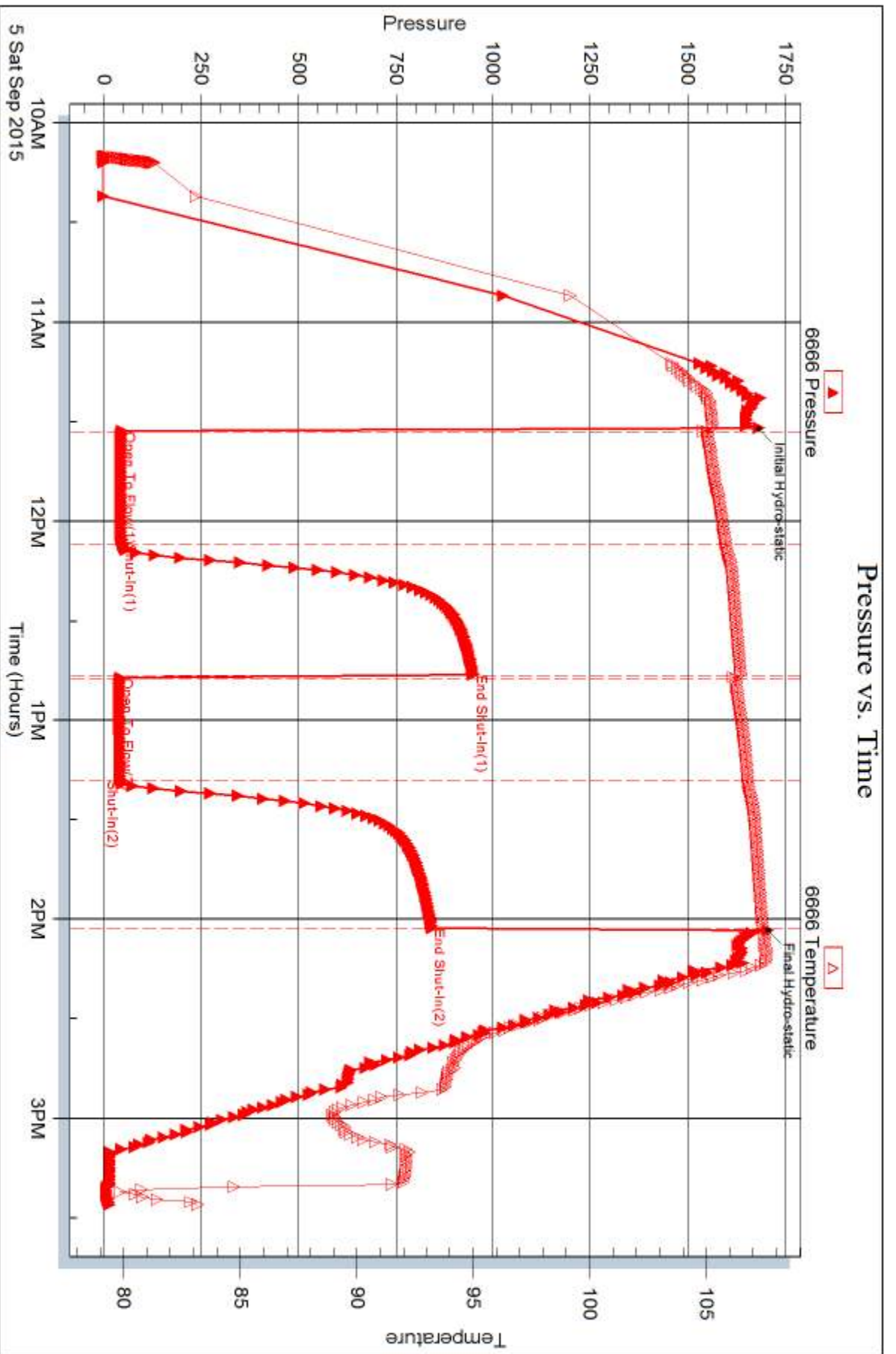
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **CMX**

1700N Waterfront PKWY BLDG 300B Wichita
KS 67206

ATTN: Ken LeBlanc

Clafin #2-35

35-16s-11w Barton,KS

Start Date: 2015.09.05 @ 20:50:00

End Date: 2015.09.06 @ 04:33:20

Job Ticket #: 62942 DST #: 2

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

Printed: 2015.09.08 @ 09:23:27

CMX 35-16s-11w Barton,KS Clafin #2-35 DST # 2 Arbuckle 2015.09.05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

CMX

35-16s-11w Barton,KS

1700N Waterfront PKWY BLDG 300B Wichita KS 67206

Claflin #2-35

Job Ticket: 62942

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2015.09.05 @ 20:50:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:10:20

Time Test Ended: 04:33:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 55

Interval: 3410.00 ft (KB) To 3415.00 ft (KB) (TVD)

Reference Elevations: 1939.00 ft (KB)

Total Depth: 3415.00 ft (KB) (TVD)

1931.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8400

Inside

Press@RunDepth: 157.83 psig @ 3411.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.05

End Date:

2015.09.06

Last Calib.:

2015.09.06

Start Time:

20:50:01

End Time:

04:33:20

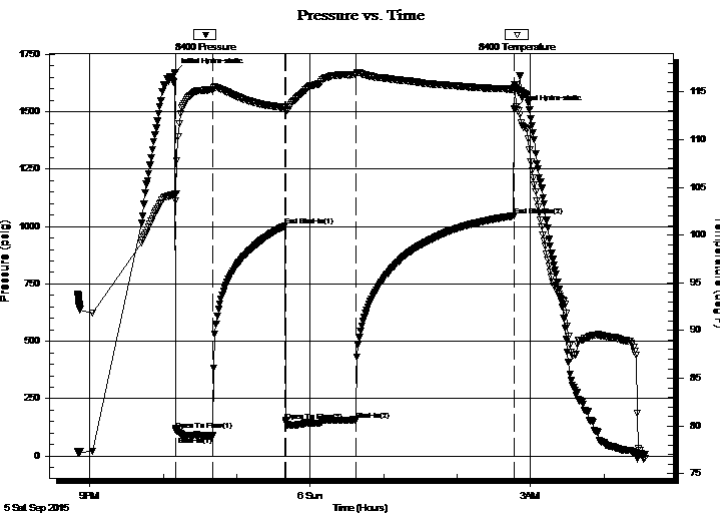
Time On Btm:

2015.09.05 @ 22:09:35

Time Off Btm:

2015.09.06 @ 02:46:50

TEST COMMENT: IFP-30 Minutes- BOB in 11 minutes
 ISIP 60 Minutes- No blow back
 FFP-60-Minutes- BOB in 21 1/2 minutes
 FSIP-120 Minutes- No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1672.20	104.31	Initial Hydro-static
1	112.61	104.34	Open To Flow (1)
31	87.48	115.20	Shut-In(1)
90	1002.27	113.35	End Shut-In(1)
91	153.12	112.91	Open To Flow (2)
148	157.83	116.76	Shut-In(2)
277	1046.61	115.26	End Shut-In(2)
278	1511.70	115.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MO 50%oil 50%mud	0.84
360.00	GSOCM 10%gas 85%oil 5%mud	5.05
0.00	60' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX

35-16s-11w Barton,KS

1700N Waterfront PKWY BLDG 300B Wichita KS
67206

Claflin #2-35

Job Ticket: 62942

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2015.09.05 @ 20:50:00

Tool Information

Drill Pipe:	Length: 3402.00 ft	Diameter: 3.80 inches	Volume: 47.72 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: 56000.00 lb
			<u>Total Volume: 47.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3410.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	5.00 ft			
Tool Length:	33.00 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			3387.00	
Hydraulic tool	5.00			3392.00	
Jars	6.00			3398.00	
Safety Joint	2.00			3400.00	
Packer	5.00			3405.00	28.00 Bottom Of Top Packer
Packer	5.00			3410.00	
Recorder	1.00	8400	Inside	3411.00	
Recorder	1.00	6666	Outside	3412.00	
Anchor	1.00			3413.00	
Bullnose	2.00			3415.00	5.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

CMX

35-16s-11w Barton,KS

1700N Waterfront PKWY BLDG 300B Wichita KS
67206

Claflin #2-35

Job Ticket: 62942

DST#: 2

ATTN: Ken LeBlanc

Test Start: 2015.09.05 @ 20:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MO 50%oil 50%mud	0.842
360.00	GSOCM 10%gas 85%oil 5%mud	5.050
0.00	60' GIP	0.000

Total Length: 420.00 ft Total Volume: 5.892 bbl

Num Fluid Samples: 0

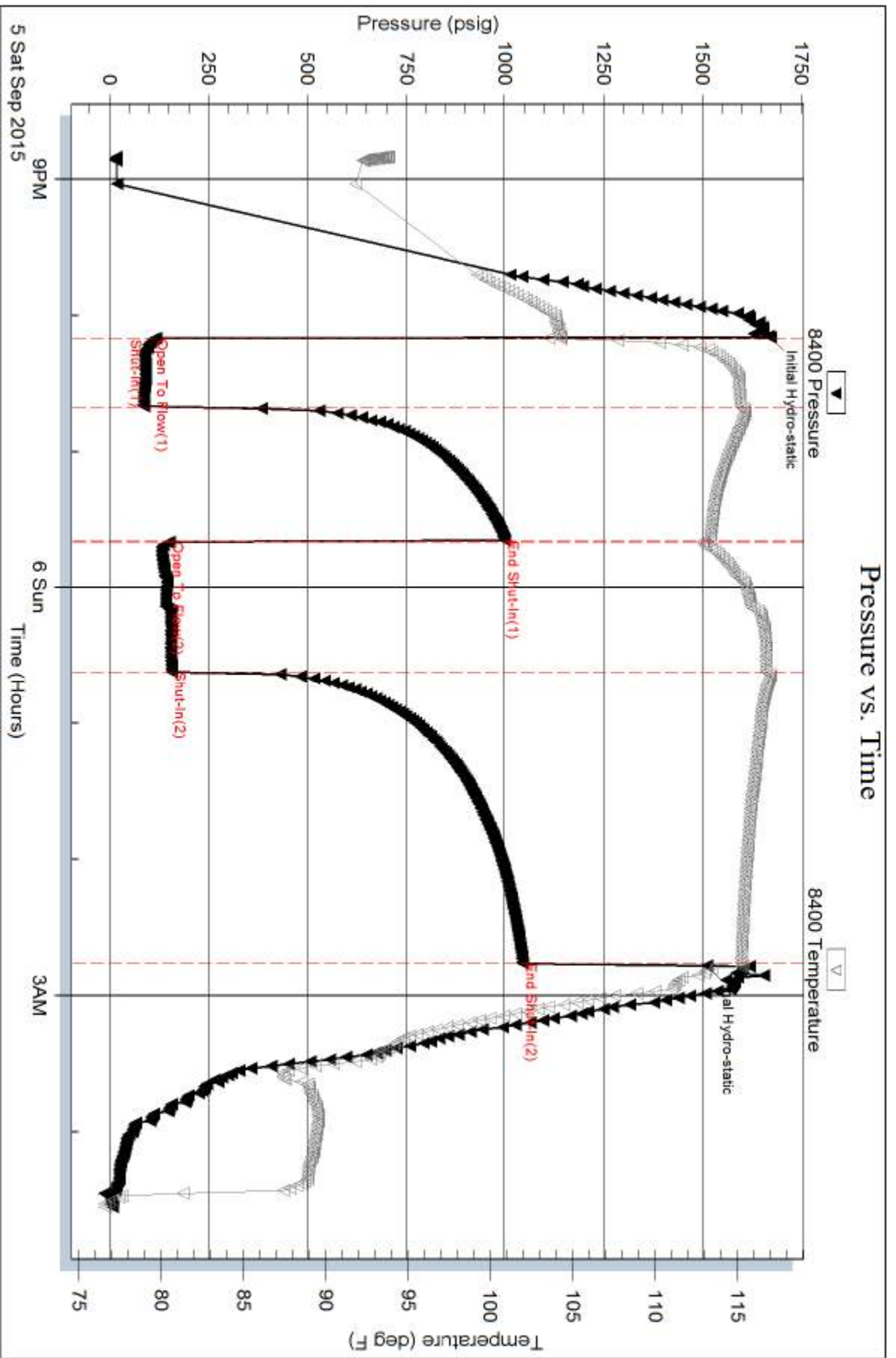
Num Gas Bombs: 0

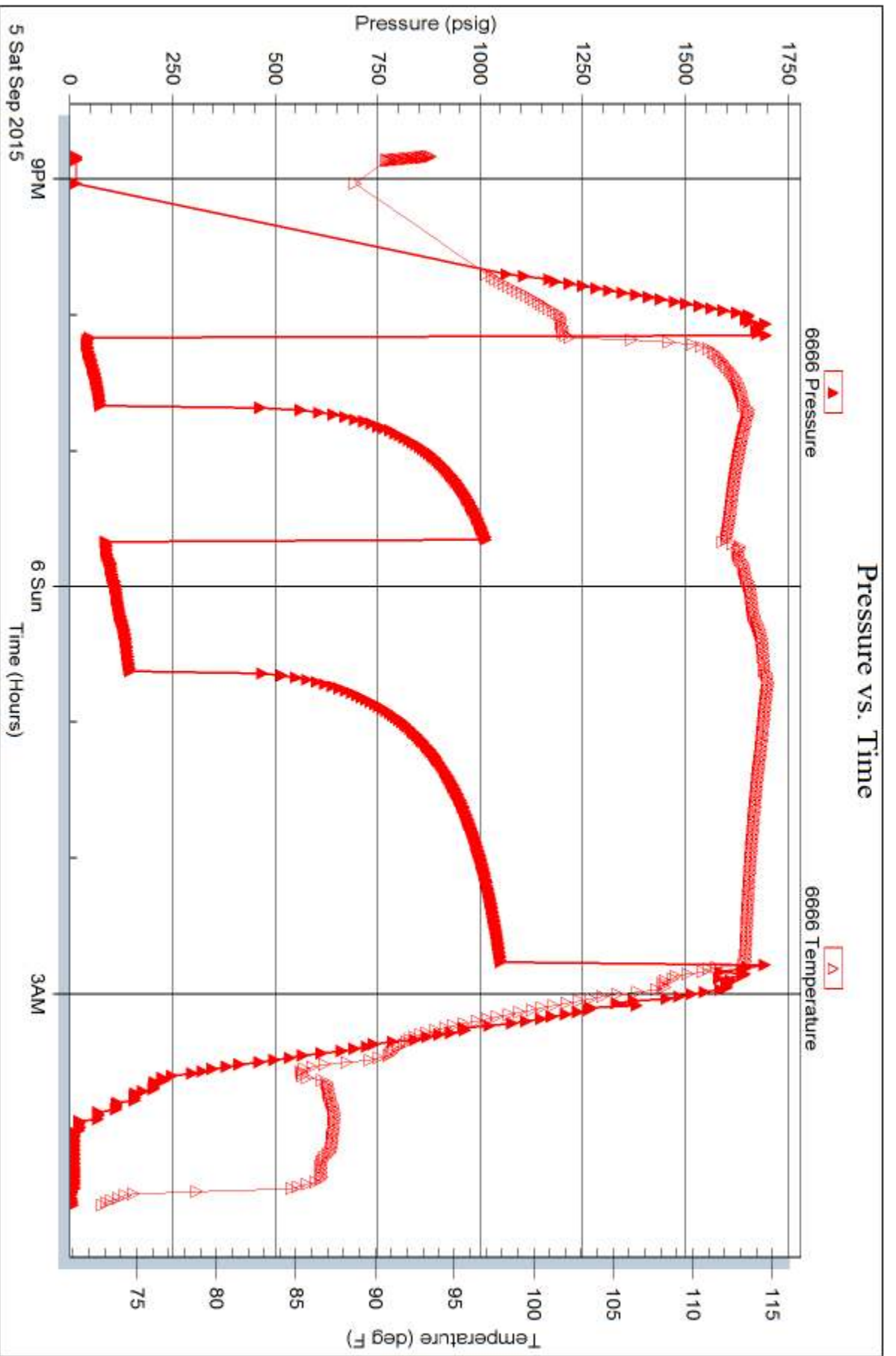
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: gravity oil 40







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 62941

Well Name & No. Clafin 2-35 Test No. 1 Date 9-5-15
 Company CMX Elevation 1939 KB 1931 GL
 Address 1700 N Waterfront PKWY Bldg 300B Wichita KS 67206
 Co. Rep / Geo. _____ Rig Duke Drilling Rig #2
 Location: Sec. 35 Twp. 16g Rge. 1/4 Co. Barton State KS

Interval Tested 3370 - 3410 Zone Tested Arbuckle
 Anchor Length 40 Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth 3365 Drill Collars Run _____ Vis 54
 Bottom Packer Depth 3370 Wt. Pipe Run _____ WL 8.8
 Total Depth 3410 Chlorides 7,000 ppm System LCM _____

Blow Description IFP - Weak Blow Built by inch
ISIP - NO Blow Back
FFP - Very Weak Blow Built by inch
FSIP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>			<u>40</u>		<u>60</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

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

(A) Initial Hydrostatic 1674 Test 1050 T-On Location 9:30
 (B) First Initial Flow 90 Jars 250 T-Started 10:10
 (C) First Final Flow 57 Safety Joint 75 T-Open 11:35
 (D) Initial Shut-In 950 Circ Sub _____ T-Pulled 2:05
 (E) Second Initial Flow 77 Hourly Standby _____ T-Out 3:26 15:26
 (F) Second Final Flow 56 Mileage 52 mile RT Great Bend Comments _____
 (G) Final Shut-In 843 Sampler _____ Ruined Shale Packer _____
 (H) Final Hydrostatic 1643 Straddle _____ Ruined Packer _____
 Initial Open 30 Shale Packer _____ Extra Copies _____
 Initial Shut-In 45 Extra Packer _____ Sub Total 0
 Final Flow 30 Extra Recorder _____ Total 1427
 Final Shut-In 45 Day Standby _____ MP/DST Disc't _____
 Sub Total 1427 Accessibility _____

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. 62942

Well Name & No. Clarklin 2-35 Test No. 2 Date 9-05-2015
 Company CMX Elevation _____ KB _____ GL _____
 Address 1700 W Waterfront Pkwy Bldg 300B Wichita KS 67206
 Co. Rep / Geo. Ken Lablanc Rig Dike Drilling Rig #2
 Location: Sec. 35 Twp. 16s Rge. 11w Co. Barton State KS

Interval Tested 3410 - 3415 Zone Tested Air Buckle
 Anchor Length 5 Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth 3405 Drill Collars Run _____ Vis 6.0
 Bottom Packer Depth 3410 Wt. Pipe Run _____ WL 8.8
 Total Depth 3415 Chlorides 7,000 ppm System LCM _____

Blow Description FFP - Fair Blow Built Bottom of Bucket in 11 minutes
FSIP - NO Blow Back
FFP - Fair Blow Built Bottom of Bucket in 2 1/2 minutes
FSIP - NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>oil mud</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>
<u>360</u>	<u>clean Gas oil</u>	<u>10%</u>	<u>85</u>	<u>5</u>	<u>5</u>
<u>60</u>	<u>Gas in pipe</u>				
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 420 fluid BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1172</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>8:15</u>
(B) First Initial Flow <u>112</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>8:50</u> 20:50
(C) First Final Flow <u>81</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>10:08</u>
(D) Initial Shut-In <u>1002</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2:38</u>
(E) Second Initial Flow <u>153</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>4:33 AM</u> 9/6/15
(F) Second Final Flow <u>157</u>	<input checked="" type="checkbox"/> Mileage <u>52 miles RT Great Bend</u>	Comments _____
(G) Final Shut-In <u>1046</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1511</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1427</u>
Final Shut-In <u>120</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1427</u>	

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.