

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

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

10/12/12

OPERATOR: License # 3532  
Name: CMX, Inc.  
Address 1: 1700 N Waterfront Parkway, Bldg 300, Ste B  
Address 2: \_\_\_\_\_  
City: Wichita State: KS Zip: 67206  
Contact Person: Douglas H. McGinness II  
Phone: (316) 269-9052  
CONTRACTOR: License # 5929  
Name: Duke Drilling Co., Inc.  
Wellsite Geologist: Douglas H. McGinness II  
Purchaser: Coffeyville Resources

**KCC**

**OCT 12 2010**

**CONFIDENTIAL**

API No. 15 - 145-21611-00-00

Spot Description: \_\_\_\_\_  
NE NW SW NW Sec. 27 Twp. 21 S. R. 19  East  West  
1,410 Feet from  North /  South Line of Section  
370 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Pawnee

Lease Name: Woods Trust Well #: 1

Field Name: Wildcat

Producing Formation: Swope Limestone

Elevation: Ground: 2074 Kelly Bushing: 2083

Total Depth: 4300 Plug Back Total Depth: 4245

Amount of Surface Pipe Set and Cemented at: 1056 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: 240 bbls

Dewatering method used: Hauled off

Location of fluid disposal if hauled offsite:

Operator Name: Paul's Oilfield Service, Inc

Lease Name: Dipman License #: 31085

Quarter SW Sec. 34 Twp. 21 S. R. 16  East  West

County: Pawnee Permit #: D-03589

Designate Type of Completion:

- New Well  Re-Entry  Workover
- Oil  WSW  SWD  SLOW
- 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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled Permit #: \_\_\_\_\_
- Dual Completion Permit #: \_\_\_\_\_
- SWD Permit #: \_\_\_\_\_
- ENHR Permit #: \_\_\_\_\_
- GSW Permit #: \_\_\_\_\_

<u>8/27/10</u>	<u>9/3/10</u>	<u>9/15/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: [Signature]  
Title: President Date: 10/12/10

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: 10/12/10 - 10/12/12
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: [Signature] Date: 10/19/10

Operator Name: CMX, Inc. Lease Name: Woods Trust Well #: 1 **OCT 12 2010**  
 Sec. 27 Twp. 21 S. R. 19  East  West County: Pawnee **CONFIDENTIAL**

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>CDCN, DIL, Bond</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Stone Coral</td> <td>1185</td> <td>+898</td> </tr> <tr> <td>Heebner</td> <td>3583</td> <td>(-1500)</td> </tr> <tr> <td>Lansing</td> <td>3650</td> <td>(-1567)</td> </tr> <tr> <td>Cherokee</td> <td>4103</td> <td>(-2020)</td> </tr> <tr> <td>Mississippi</td> <td>4190</td> <td>(-2107)</td> </tr> </table>	Name	Top	Datum	Stone Coral	1185	+898	Heebner	3583	(-1500)	Lansing	3650	(-1567)	Cherokee	4103	(-2020)	Mississippi	4190	(-2107)
Name	Top	Datum																	
Stone Coral	1185	+898																	
Heebner	3583	(-1500)																	
Lansing	3650	(-1567)																	
Cherokee	4103	(-2020)																	
Mississippi	4190	(-2107)																	

CASING RECORD <input checked="" 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
Surface	12-1/4"	8-5/8"	24#	1056'	60/40 Poz	425	3%cc 2% gel
Production	7-7/8"	5-1/2"	15.5#	4292'	Common	190	10% salt

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3886'-3894'	400 gals 15% MCA	

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TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>4009</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. <u>9/16/10</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>130</u>	Gas Mcf <u>0</u>	Water Bbls. <u>0</u>
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 checked="" 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 (Specify) _____	PRODUCTION INTERVAL: <u>3886-3894</u>
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PO BOX 31 Russell, KS 67665

# INVOICE

Invoice Number: 124204

Invoice Date: Aug 28, 2010

Page: 1

Voice: (785) 483-3887

Fax: (785) 483-5566

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

**KCC**  
**OCT 12 2010**  
**CONFIDENTIAL**

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
CMX	Wood Trust #2	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Russell	Aug 28, 2010	9/27/10

Quantity	Item	Description	Unit Price	Amount
255.00	MAT	Class A Common	13.50	3,442.50
170.00	MAT	Pozmix	7.55	1,283.50
7.00	MAT	Gel	20.25	141.75
14.00	MAT	Chloride	51.50	721.00
425.00	SER	Handling	2.25	956.25
40.00	SER	Mileage 425 sx @.10 per sk per mi	42.50	1,700.00
1.00	SER	Surface	991.00	991.00
40.00	SER	Pump truck Mileage	7.00	280.00
1.00	EQP	8.5/8 Rubber Plug	74.00	74.00
1.00	EQP	8.5/8 Baffle Plate	67.20	67.20
1.00	EQP	8.5/8 Centralizer	49.00	49.00

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**OCT 14 2010**  
**KCC WICHITA**

Subtotal	9,706.20
Sales Tax	479.65
Total Invoice Amount	10,185.85
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,185.85</b>

ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1941.22

ONLY IF PAID ON OR BEFORE

Sep 22, 2010

# ALLIED CEMENTING CO.. LLC. 041864

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

SERVICE POINT:  
Russell KS

DATE <u>8-28-10</u>	SEC. <u>27</u>	TWP. <u>21</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30am</u>	JOB FINISH <u>9:30am</u>
LEASE <u>Wood Trust</u>		WELL # <u>2</u>		LOCATION <u>Rozel KS 1/2 N East into.</u>		COUNTY <u>Rawnee</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Duke Drilling Rig #4  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 1060'  
 CASING SIZE 8 5/8 DEPTH 1056'  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 39'  
 CEMENT LEFT IN CSG. 39'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 64.76 Bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDBRED 425 64/40 3/4 CC 2 1/2

COMMON	<u>255</u>	@	<u>13.50</u>	<u>3442.50</u>
POZMIX	<u>170</u>	@	<u>7.55</u>	<u>1283.50</u>
GEL	<u>7</u>	@	<u>20.25</u>	<u>141.75</u>
CHLORIDE	<u>14</u>	@	<u>51.50</u>	<u>721.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>425</u>	@	<u>2.25</u>	<u>956.25</u>
MILEAGE	<u>10/16/mi.</u>			<u>1700.00</u>
TOTAL				<u>8,245.00</u>

**KCC**  
**OCT 12 2010**  
**CONFIDENTIAL**

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER John Roberts Glenn  
 # 417 HELPER Ron  
 BULK TRUCK DRIVER Dave TWS  
 # 482/188  
 BULK TRUCK DRIVER \_\_\_\_\_  
 # \_\_\_\_\_

REMARKS:  
On bottom @ 5:00am  
Est. Circulation Circ. 3 1/2 hrs  
Mix 425 sk Cement  
Displace Plug w/ 64 3/4 Bbl H2O  
Cement Did Circulate!

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_ 991.00

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 40 @ 7.00 280.00

MANIFOLD @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 1271.00

CHARGE TO: CMX, Inc.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**8 3/8 PLUG & FLOAT EQUIPMENT**

Rubber Plug	@	<u>24.00</u>
Baffle Plate	@	<u>67.20</u>
Centralizers	@	<u>49.00</u>
	@	
	@	
TOTAL		<u>190.20</u>

To Allied Cementing Co., 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 Rich Wheeler

SIGNATURE Rich Wheeler

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

**RECEIVED**  
**OCT 14 2010**  
**KCC WICHITA**

# ALLIED CEMENTING CO., LLC. 041910

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

SERVICE POINT:  
Russell

DATE <u>9-3-10</u>	SEC. <u>27</u>	TWP. <u>21</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>9:45am</u>	JOB FINISH <u>10:45pm</u>
LEASE <u>Woods Trust</u>	WELL # <u>1</u>	LOCATION <u>Rozel 1 N 1/2 E</u>			COUNTY <u>Pawnee</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

**KCC**  
**OCT 12 2010**  
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CONTRACTOR Duke Drilling Rig #4  
 TYPE OF JOB Production String  
 HOLE SIZE 7 7/8 T.D. 4300'  
 CASING SIZE 5 1/2 15.5 DEPTH 4295.80  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 42.16  
 CEMENT LEFT IN CSG. 42.16  
 PERFS.  
 DISPLACEMENT 101.23 bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 220 Con 102 Salt  
22 Gel  
500 Gal WFR-2

COMMON	<u>220</u>	@	<u>13.50</u>	<u>2970.00</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>20.25</u>	<u>81.00</u>
CHLORIDE		@		
ASC		@		
Salt	<u>9</u>	@	<u>21.25</u>	<u>191.25</u>
WFR-2	<u>500</u>	@	<u>1.10</u>	<u>550.00</u>
		@		
		@		
		@		
		@		
HANDLING	<u>220</u>	@	<u>2.25</u>	<u>495.00</u>
MILEAGE	<u>10.56/mi</u>			<u>660.00</u>
TOTAL				<u>4947.25</u>

EQUIPMENT

PUMP TRUCK CEMENTER Steve  
 # 417 HELPER Heath  
 BULK TRUCK  
 # 410 DRIVER Richard  
 BULK TRUCK  
 # DRIVER

REMARKS:  
Rat Hole 300ft  
Insert @ 4253.64  
Run 100 ft  
Est Circulation @ \_\_\_\_\_ psi  
Mixed 500 Gal WFR-2  
Mixed 190 slt down 5 1/2. Shut down  
Washed pump + Lines Displaced 101.23 bbl  
Loaded plug @ \_\_\_\_\_ psi 1700 psi  
float held!

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

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1957.00</u>
EXTRA FOOTAGE	@		
MILEAGE	<u>30</u>	@	<u>7.00</u> <u>210.00</u>
MANIFOLD	@		
	@		
TOTAL <u>2167.00</u>			

PLUG & FLOAT EQUIPMENT

ARU- Float Shoe	@		<u>214.00</u>
Catch down	@		<u>164.00</u>
5-Cent	@	<u>35.00</u>	<u>280.00</u>
1-Deck F	@		<u>161.00</u>
TOTAL <u>819.00</u>			

To Allied Cementing Co., 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 \_\_\_\_\_  
 SIGNATURE Paul Bellum

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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**OCT 14 2010**  
**KCC WICHITA**



PO BOX 31 Russell, KS 67665

Voice: (785) 483-3887  
Fax: (785) 483-5566

# INVOICE

Invoice Number: 124340  
Invoice Date: Sep 3, 2010  
Page: 1

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

**KCC**  
**OCT 12 2010**  
**CONFIDENTIAL**

Customer ID	Well Name# or Customer P.O.	Payment Terms	
CMX	Woods Trust #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Russell	Sep 3, 2010	10/3/10

Quantity	Item	Description	Unit Price	Amount
220.00	MAT	Class A Common	13.50	2,970.00
4.00	MAT	Gel	20.25	81.00
9.00	MAT	Salt	21.25	191.25
500.00	MAT	WFR-2	1.10	550.00
220.00	SER	Handling	2.25	495.00
30.00	SER	Mileage 220 sx @.10 per sk per mi	22.00	660.00
1.00	SER	Production String	1,957.00	1,957.00
30.00	SER	Pump Truck Mileage	7.00	210.00
1.00	EQP	5.5 AFU Float Shoe	214.00	214.00
1.00	EQP	5.5 Latch Down Plug	164.00	164.00
8.00	EQP	5.5 Centralizer	35.00	280.00
1.00	EQP	5.5 Basket	161.00	161.00

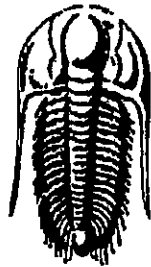
ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

**\$ 1586.65**

ONLY IF PAID ON OR BEFORE  
**Sep 28, 2010**

Subtotal	7,933.25
Sales Tax	382.73
Total Invoice Amount	8,315.98
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,315.98</b>

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OCT 14 2010  
KCC WICHITA



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy  
Building 300 STE 8  
Wichita, Ks 67208

**KCC  
OCT 12 2010  
CONFIDENTIAL**

ATTN: Doug McGinness

**27/21s/19w Pawnee, Ks**

**Woodtrust #1**

Start Date: 2010.09.01 @ 03:42:08

End Date: 2010.09.01 @ 11:51:08

Job Ticket #: 37385                      DST #: 1

**ORIGINAL**

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

Printed: 2010.09.14 @ 08:35:12 **RECEIVED**

**OCT 14 2010  
KCC WICHITA**

CMX Inc.

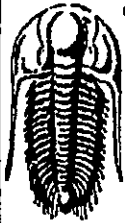
Woodtrust #1

27/21s/19w Pawnee, Ks

DST # 1

Lansing #1

2010.09.01



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

CIVX Inc.  
 1700 N. Waterfront Pkwy  
 Building 300 STE 8  
 Wichita, Ks 67208  
 ATTN: Doug McGinness

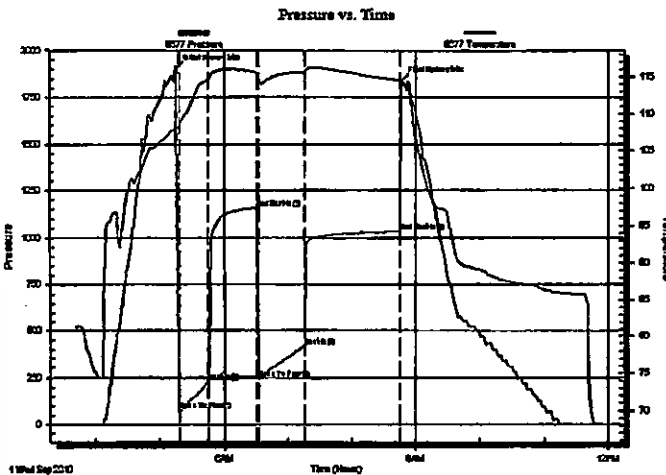
Woodtrust #1  
 27121st/19w Pawnee, Ks  
 Job Ticket: 37385 DST#: 1  
 Test Start: 2010.09.01 @ 03:42:08

### GENERAL INFORMATION:

Formation: Lansing 'H'  
 Deviated: No Whipstock ft (KB)  
 Time Tool Opened: 05:18:08  
 Time Test Ended: 11:51:08  
 Interval: 3790.00 ft (KB) To 3820.00 ft (KB) (TVD)  
 Total Depth: 3820.00 ft (KB) (TVD)  
 Hole Diameter: 7.78 inches  
 Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Mike Siemp  
 Unit No: 53  
 Reference Elevations: 2080.00 ft (KB)  
 2074.00 ft (CF)  
 KB to GR/CF: 6.00 ft

Serial #: 8677 Inside  
 Press@RunDepth: 418.90 psig @ 3792.00 ft (KB)  
 Start Date: 2010.09.01 End Date: 2010.09.01  
 Start Time: 03:42:09 End Time: 11:51:08  
 Capacity: 8000.00 psig  
 Last Calib.: 2010.09.01  
 Time On Btm: 2010.09.01 @ 05:15:38  
 Time Off Btm: 2010.09.01 @ 08:47:08

TEST COMMENT: IF-BOB in 1.5 min  
 ISI-2 inches blow back  
 FF-BOB in 4 min GTS in 4 min TSTM  
 FSI-3 inches blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1904.43	108.26	Initial Hydro-static
3	74.28	108.59	Open To Flow (1)
29	228.67	114.63	Shut-in(1)
75	1157.70	115.50	End Shut-in(1)
77	242.25	115.04	Open To Flow (2)
120	418.90	115.53	Shut-in(2)
210	1033.44	114.60	End Shut-in(2)
212	1839.18	114.74	Final Hydro-static

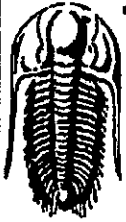
Recovery 1100.00

Length (ft)	Description	Volume (bbl)
1100.00	GCO 70%oil30%gas	15.43
30.00	MCW 80%water10%mud	0.42

### Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

CMX Inc.

Woodtrust #1

1700 N. Waterfront Pkwy  
Building 300 STE 8  
Wichita, Ks 67208  
ATTN: Doug McGinness

27/21s/19w Pawnee, Ks  
Job Ticket: 37385      DST#: 1  
Test Start: 2010.09.01 @ 03:42:08

**Tool Information**

Drill Pipe:	Length: 3778.00 ft	Diameter: 3.80 inches	Volume: 53.00 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 53.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3790.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	49.00 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			3776.00	
Hydraulic tool	5.00			3781.00	
Packer	5.00			3786.00	19.00      Bottom Of Top Packer
Packer	4.00			3790.00	
Stubb	1.00			3791.00	
Perforations	1.00			3792.00	
Recorder	0.00	8677	Inside	3792.00	
Recorder	0.00	8678	Inside	3792.00	
Perforations	25.00			3817.00	
Bullnose	3.00			3820.00	30.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>49.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

CMX Inc.  
1700 N. Waterfront Flwy  
Building 300 STE 8  
Wichita, Ks 67208  
ATTN: Doug McGinness

Woodtrust #1  
27/21s/19w Pawnee, Ks  
Job Ticket: 37385      DST#: 1  
Test Start: 2010.09.01 @ 03:42:08

### Mud and Cushion Information

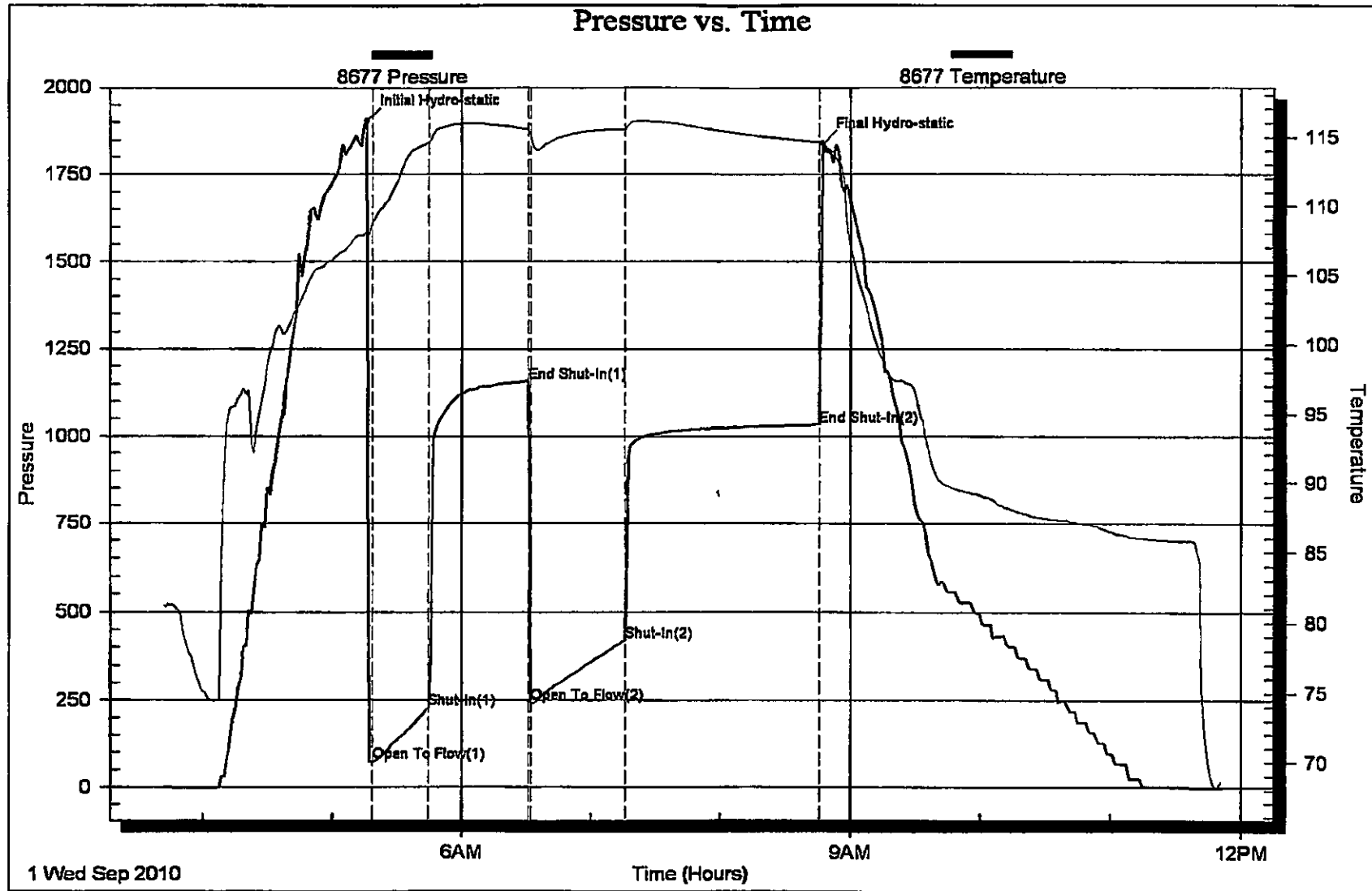
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	60000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.95 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7900.00 ppm			
Filter Cake: inches			

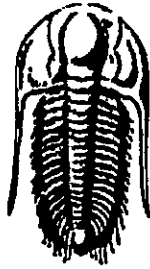
### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1100.00	GCO 70%oil30%gas	15.430
30.00	MCW 90%water10%mud	0.421

Total Length: 1130.00 ft      Total Volume: 15.851 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **CMX Inc.**

1700 N. Waterfront Pkwy  
Building 300 STE 8  
Wichita, Ks 67208

ATTN: Doug McGinness

**27/21s/19w Pawnee, Ks**

**Woodtrust #1**

Start Date: 2010.09.01 @ 23:20:39

End Date: 2010.09.02 @ 07:20:24

Job Ticket #: 37386                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

CMX INC.

WOODTRUST #1

27/21S/19W PAWNEE, KS

JOB # 2

SWOPS

2010.09.13



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

CIVX Inc.  
1700 N. Waterfront Flwy  
Building 300 STE 8  
Wichita, Ks 67208  
ATTN: Doug McGinness

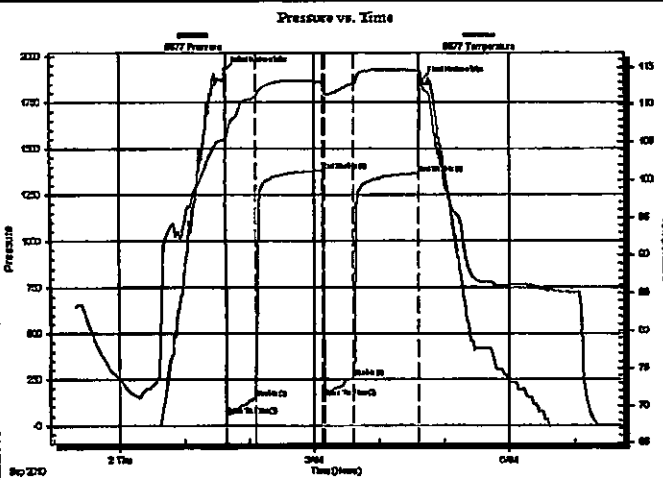
**Woodtrust #1**  
**27121s/19w Pawnee, Ks**  
Job Ticket: 37386      DST#: 2  
Test Start: 2010.09.01 @ 23:20:39

### GENERAL INFORMATION:

Formation: **Swope**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: **01:37:54**  
Time Test Ended: **07:20:24**  
Interval: **3875.00 ft (KB) To 3950.00 ft (KB) (TVD)**  
Total Depth: **3950.00 ft (KB) (TVD)**  
Hole Diameter: **7.78 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Mike Slemp**  
Unit No: **53**  
Reference Elevations: **2080.00 ft (KB)**  
**2074.00 ft (CF)**  
KB to GR/CF: **6.00 ft**

Serial #: **8677**      Inside  
Press@RunDepth: **258.88 psig @ 3877.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2010.09.01**      End Date: **2010.09.02**      Last Calib.: **2010.09.02**  
Start Time: **23:20:40**      End Time: **07:20:24**      Time On Btm: **2010.09.02 @ 01:38:39**  
Time Off Btm: **2010.09.02 @ 04:39:24**

TEST COMMENT: IF- BOB in 3 min  
IS- No blow back  
FF- BOB in 10 min  
FS- No blow back



### PRESSURE SUMMARY

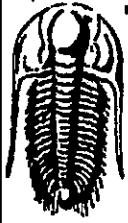
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1924.61	105.33	Initial Hydro-static
2	54.66	105.48	Open To Flow (1)
29	153.09	111.06	Shut-In(1)
92	1379.35	112.95	End Shut-In(1)
93	156.85	111.56	Open To Flow (2)
120	258.88	112.84	Shut-In(2)
180	1364.76	114.40	End Shut-In(2)
183	1867.97	112.57	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
650.00	GCO 60%oil 35%Gas5%mud	9.12

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

CMX Inc.  
1700 N. Waterfront Pkwy  
Building 300 STE 8  
Wichita, Ks 67208  
ATTN: Doug McGinness

Woodtrust #1  
27121s/19w Pawnee, Ks  
Job Ticket: 37386 DST#: 2  
Test Start: 2010.09.01 @ 23:20:39

**Tool Information**

Drill Pipe:	Length: 3870.00 ft	Diameter: 3.80 inches	Volume: 54.29 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 54.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3875.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	75.00 ft			
Tool Length:	94.00 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			3861.00	
Hydraulic tool	5.00			3866.00	
Packer	5.00			3871.00	19.00 Bottom Of Top Packer
Packer	4.00			3875.00	
Stubb	1.00			3876.00	
Perforations	1.00			3877.00	
Recorder	0.00	8677	inside	3877.00	
Recorder	0.00	8678	inside	3877.00	
Perforations	6.00			3883.00	
Change Over Sub	1.00			3884.00	
Drill Pipe	62.00			3946.00	
Change Over Sub	1.00			3947.00	
Bullnose	3.00			3950.00	75.00 Bottom Packers & Anchor

**Total Tool Length: 94.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

CMX inc.  
1700 N. Waterfront Pkwy  
Building 300 STE 8  
Wichita, Ks 67208  
ATTN: Doug McGinness

Woodtrust #1  
27/21s/19w Pawnee, Ks  
Job Ticket: 37386      DST#: 2  
Test Start: 2010.09.01 @ 23:20:39

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil Apt:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: inches			

### Recovery Information

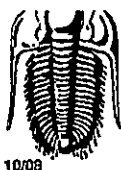
Recovery Table

Length ft	Description	Volume bbl
650.00	GCO 60% oil 35% Gas 5% mud	9.118

Total Length: 650.00 ft      Total Volume: 9.118 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

No. 37385

RECEIVED  
SEP 07 2010

Well Name & No. Woodtrust #1 BY: \_\_\_\_\_ Test No. 1 Date 9-1-10  
 Company CMX Inc Elevation 2080 KB 2074 GL \_\_\_\_\_  
 Address 1700 N. Waterfront Pkwy Bldg 300 SE #8 Wichita KS 67208  
 Co. Rep / Geo. Doug McGuinness Rig Duke 4  
 Location: Sec. 27 Twp. 21s Rge. 19w Co. Pawnee State KS

Interval Tested 3790-3828 Zone Tested Lansing 'H'  
 Anchor Length 30 Drill Pipe Run 3778 Mud Wt. 9.1  
 Top Packer Depth 3785 Drill Collars Run 0 Vis 48  
 Bottom Packer Depth 3790 Wt. Pipe Run 0 WL 10.8  
 Total Depth 3820 Chlorides 7900 ppm System LCM 1

Blow Description IF-ROBIN 1.5min  
ISI - 2 inches blowback  
FF-ROBIN 4min GTS in 4min TSTM  
FSD - 3 inches blowback

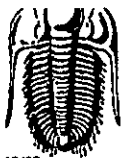
Rec	Feet of	%gas	%oil	%water	%mud
<u>1100</u>	<u>GCO</u>	<u>30</u>	<u>70</u>		
<u>30</u>	<u>MLW</u>			<u>90</u>	<u>10</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Rec Total 1130 BHT 114.6 Gravity \_\_\_\_\_ API RW .15 @ 65° F Chlorides 60000 ppm

(A) Initial Hydrostatic 1904.43  Test 1125.00 T-On Location 3:00 AM  
 (B) First Initial Flow 74.28  Jars \_\_\_\_\_ T-Started 3:45 AM  
 (C) First Final Flow 208.67  Safety Joint \_\_\_\_\_ T-Open 5:17 AM  
 (D) Initial Shut-In 1157.70  Circ Sub \_\_\_\_\_ T-Pulled 8:47 AM  
 (E) Second Initial Flow 242.25  Hourly Standby \_\_\_\_\_ T-Out 11:45 AM  
 (F) Second Final Flow 418.90  Mileage 110mi @ 137.50 Comments \_\_\_\_\_  
 (G) Final Shut-In 1033.44  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1839.17  Straddle \_\_\_\_\_

Initial Open 20  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 45  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Final Flow 45  Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Shut-In 90  Day Standby \_\_\_\_\_ Sub Total \_\_\_\_\_  
 Accessibility \_\_\_\_\_ Total 1262.50  
 Sub Total 1262.50

Approved By \_\_\_\_\_ Our Representative MSB  
 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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
SEP 07 2010

## Test Ticket

No. 37386

Well Name & No. WOODTRUST #1 Test No. 2 Date 9-2-10  
 Company CMX Inc Elevation 2080 KB 2074 GL  
 Address 1700 N. Waterfront Pkwy BTO 300 STE #2 wichita KS 67208  
 Co. Rep / Geo. Doug McGinness Rig DeKett  
 Location: Sec. 27 Twp. H15 Rge. 19W Co. Randee State KS

Interval Tested 3875-3950 Zone Tested Swope  
 Anchor Length 75 Drill Pipe Run 3870.00 Mud Wt. 9.1  
 Top Packer Depth 3870 Drill Collars Run 0 Vis 48  
 Bottom Packer Depth 3875 Wt. Pipe Run 0 WL 10.8  
 Total Depth 3950 Chlorides 7500 ppm System LCM 2#

Blow Description RF BOB in 3 min  
RF - NO Blow back  
RF BOB in 10 min  
RF - NO Blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>650</u>	<u>660</u>	<u>35</u>	<u>60</u>		<u>5</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 650 BHT 114.9 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1924.01  Test 1125.00 T-On Location 11:00 pm  
 (B) First Initial Flow 54.66  Jars \_\_\_\_\_ T-Started 12:00 AM  
 (C) First Final Flow 153.09  Safety Joint \_\_\_\_\_ T-Open 1:39 AM  
 (D) Initial Shut-In 1379.35  Circ Sub \_\_\_\_\_ T-Pulled 4:39 AM  
 (E) Second Initial Flow ~~1087.20~~ 156.85  Hourly Standby \_\_\_\_\_ T-Out 7:00 AM  
 (F) Second Final Flow ~~1087.20~~ 258.88  Mileage 110 mi - 137.50 Comments \_\_\_\_\_  
 (G) Final Shut-In 1364.76  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1267.97  Straddle \_\_\_\_\_

Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Sub Total 0  
 Accessibility \_\_\_\_\_ Total 1262.80  
 Sub Total 1262.50

Approved By [Signature] 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.