TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **CMX Inc**

1700 N Waterfront Pkwy Bldg 300 B Wichita
KS 67206

ATTN: Ken LeBlanc

Susank 2 #1-29

29-16s-13w Barton,KS

Start Date: 2015.09.13 @ 09:47:00

End Date: 2015.09.13 @ 17:30:51

Job Ticket #: 62943 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2015.09.14 @ 08:37:34

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Job Ticket: 62943 **DST#: 1**

Test Start: 2015.09.13 @ 09:47:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:09:21
Time Test Ended: 17:30:51

Test Type: Conventional Bottom Hole (Initial)
Tester: Jared Scheck
Unit No: 55

Interval: 3376.00 ft (KB) To 3395.00 ft (KB) (TVD)
Total Depth: 3395.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

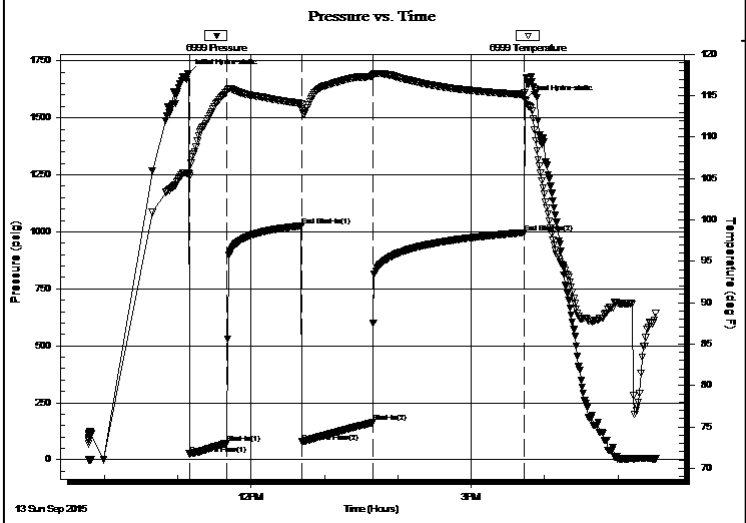
Reference Elevations: 1952.00 ft (KB)
1944.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6999 **Outside**

Press@RunDepth: 163.29 psig @ 3427.00 ft (KB)
Start Date: 2015.09.13 End Date: 2015.09.13
Start Time: 09:47:01 End Time: 17:30:51

Capacity: 8000.00 psig
Last Calib.: 2015.09.13
Time On Btm: 2015.09.13 @ 11:08:51
Time Off Btm: 2015.09.13 @ 15:43:51

TEST COMMENT: IFP-30 Minutes- BOB in 15 1/2 min
ISIP-60 Minutes-Very weak surface surge
FFP-60 Minutes- BOB in 22 min
FSIP-120 Minutes-No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1695.38	105.63	Initial Hydro-static
1	25.59	105.29	Open To Flow (1)
31	72.52	115.46	Shut-In(1)
93	1026.41	114.04	End Shut-In(1)
93	77.95	113.42	Open To Flow (2)
151	163.29	117.35	Shut-In(2)
275	996.55	115.13	End Shut-In(2)
275	1580.48	115.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCM 40%oil 60%mud	0.84
60.00	MCO 80%oil 20%mud	0.84
300.00	CGO 5%gas 95%oil	4.21
0.00	60' GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

CMX Inc

1700 N Waterfront Pkw y Bldg 300 B Wichita KS 67206

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29-16s-13w Barton,KS

Susank 2 #1-29

Job Ticket: 62943 **DST#: 1**

Test Start: 2015.09.13 @ 09:47:00

Tool Information

Drill Pipe:	Length:	3397.00 ft	Diameter:	3.80 inches	Volume:	47.65 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	
					Total Volume:	47.65 bbl	Tool Chased	0.00 ft	
Drill Pipe Above KB:		ft					String Weight: Initial	48000.00 lb	
Depth to Top Packer:		ft					Final	49000.00 lb	
Depth to Bottom Packer:		ft							
Interval betw een Packers:		1000046. ft							
Tool Length:		47.00 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			3402.00		
hydraulic tool	5.00			3407.00		
jars	6.00			3413.00		
safety Joint	2.00			3415.00		
packer	5.00			3420.00		
packer	5.00			3425.00		
Recorder	1.00	6666	Inside	3426.00		
Recorder	1.00	6999	Outside	3427.00		
anchor	13.00			3440.00		
Bullnose	4.00			3444.00	47.00	Anchor Tool
Total Tool Length:	**47.00**					

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FLUID SUMMARY

CMX Inc

1700 N Waterfront Pkw y Bldg 300 B Wichita KS 67206

ATTN: Ken LeBlanc

29-16s-13w Barton,KS

Susank 2 #1-29

Job Ticket: 62943 **DST#: 1**

Test Start: 2015.09.13 @ 09:47:00

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:	bbl		
Water Loss:	7.98 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	HOCM 40%oil 60%mud	0.842
60.00	MCO 80%oil 20%mud	0.842
300.00	CGO 5%gas 95%oil	4.208
0.00	60' GIP	0.000

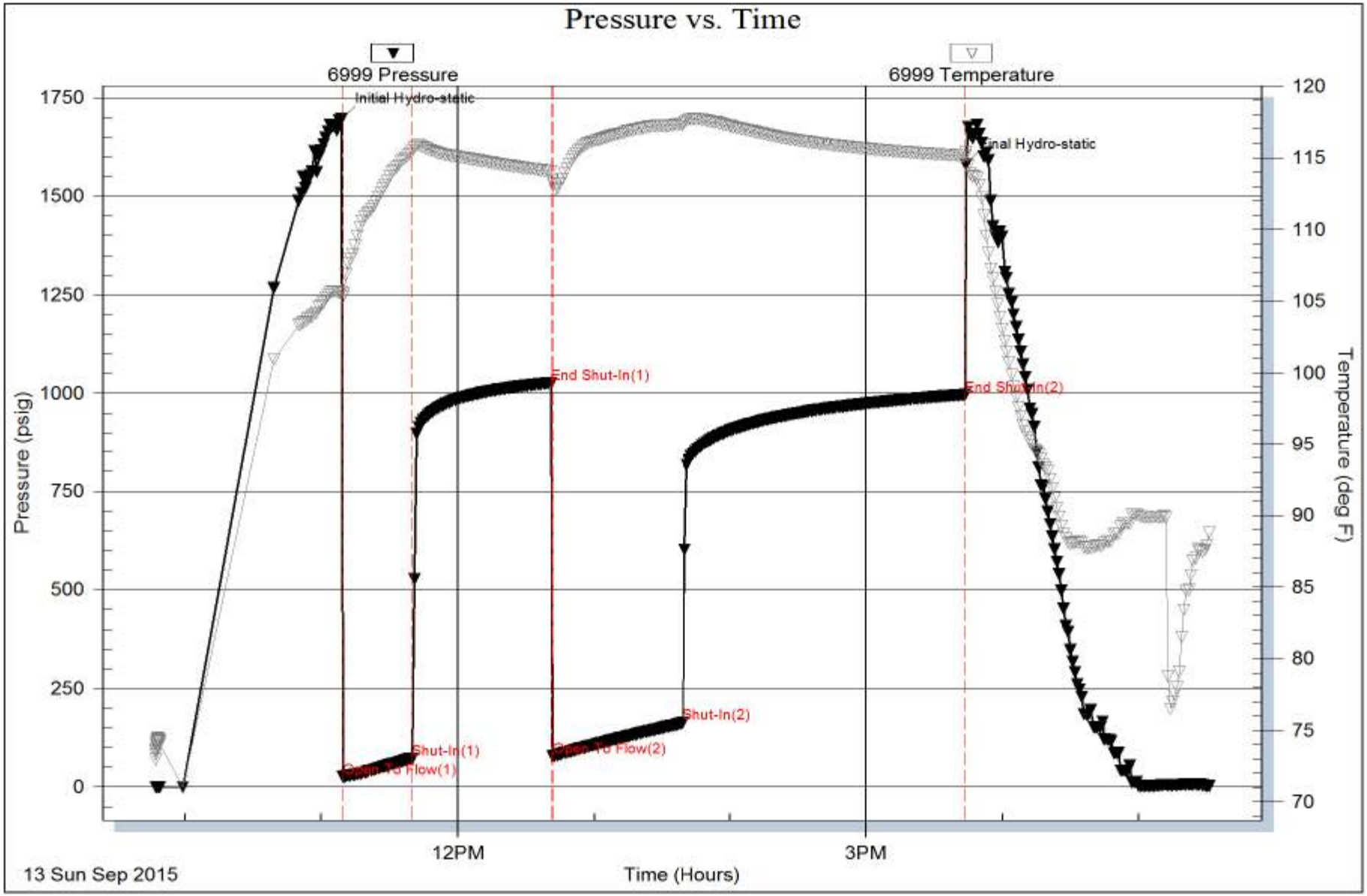
Total Length: 420.00 ft Total Volume: 5.892 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: gravity oil 44

Serial #: 6999 **Outside** CMX Inc Susank 2 #1-29 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 62943 Printed: 2015.09.14 @ 08:37:37

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 62943

Well Name & No. Susank2 # 1-29 Test No. 1 Date 9-13-2015

Company CMX Inc Elevation 1952 KB 1944 GL

Address 1700 N Waterfront Pkwy Bldg 300B Wichita KS 67206

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

Location: Sec. 29 Twp. 16s Rge. 13w Co. Barton State KS

Interval Tested 3376-3395 Zone Tested Arbuckle

Anchor Length 19 Drill Pipe Run Mud Wt. 9.2

Top Packer Depth 3371 Drill Collars Run Vis 62

Bottom Packer Depth 3376 Wt. Pipe Run WL 8.0

Total Depth 3395 Chlorides 7,500 ppm System LCM

Blow Description IFP- Fair Blow Built Bottom of Bucket in 15 1/2 minutes

ISIP- Very Weak Surface Blow

FFP- Fair Blow Built Bottom of Bucket in 22 minutes

FSIP-

Rec 60	Feet of oil cut mud	%gas	%oil 40	%water	%mud 60
Rec 60	Feet of Mud oil	%gas	%oil 80	%water	%mud 20
Rec 300	Feet of Clean Gassy oil	%gas 5	%oil 95	%water	%mud
Rec 60	Feet of Gas in pipe	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 420 Fluid 60 Gas BHT 117 Gravity 44 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic	1695	☐ Test	1050	T-On Location	9:15A
(B) First Initial Flow	25	☐ Jars	250	T-Started	9:47A
(C) First Final Flow	72	☒ Safety Joint	75	T-Open	11:09A
(D) Initial Shut-In	1026	☐ Circ Sub		T-Pulled	3:39P
(E) Second Initial Flow	77	☐ Hourly Standby		T-Out	5:30pm
(F) Second Final Flow	163	☒ Mileage 23 miles RT Great Bend		Comments	NO Blow at first on Initial Open Flushed Tool Blow Built
(G) Final Shut-In	996	☐ Sampler			
(H) Final Hydrostatic	1580	☐ Straddle		☐ Ruined Shale Packer	
		☐ Shale Packer		☐ Ruined Packer	
Initial Open	30	☐ Extra Packer		☐ Extra Copies	
Initial Shut-In	60	☐ Extra Recorder		Sub Total	0
Final Flow	60	☐ Day Standby		Total	1398
Final Shut-In	120	☐ Accessibility		MP/DST Disc't	
		Sub Total	1398		

Approved By Our Representative