

**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Prairie Fire Petro, LLC.**

PO Box 38  
Norton, KS 67654

ATTN: Randy Killian

**Long #1-22**

<sup>2</sup>  
**22-~~25~~s-27w Decatur,KS**

Start Date: 2011.09.10 @ 06:40:00

End Date: 2011.09.10 @ 14:34:30

Job Ticket #: 041949      DST #: 1

*Township is 2, not 25 as printed*

Prairie Fire Petro, LLC.    22-2<sup>2</sup>s-27w Decatur,KS    Long #1-22    DST # 1    LKC-B    2011.09.10

RECEIVED

OCT 27 2011

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Prairie Fire Petro, LLC.

**22-25s-27w Decatur, KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041949

**DST#: 1**

ATTN: Randy Killian

Test Start: 2011.09.10 @ 06:40:00

## GENERAL INFORMATION:

Formation: **LKC-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:30

Time Test Ended: 14:34:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: **3522.00 ft (KB) To 3542.00 ft (KB) (TVD)**

Total Depth: 3542.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2629.00 ft (KB)

2619.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6752**

**Inside**

Press@RunDepth: 19.65 psig @ 3524.00 ft (KB)

Start Date: 2011.09.10

End Date:

2011.09.10

Capacity: 8000.00 psig

Last Calib.: 2011.09.10

Start Time: 06:40:05

End Time:

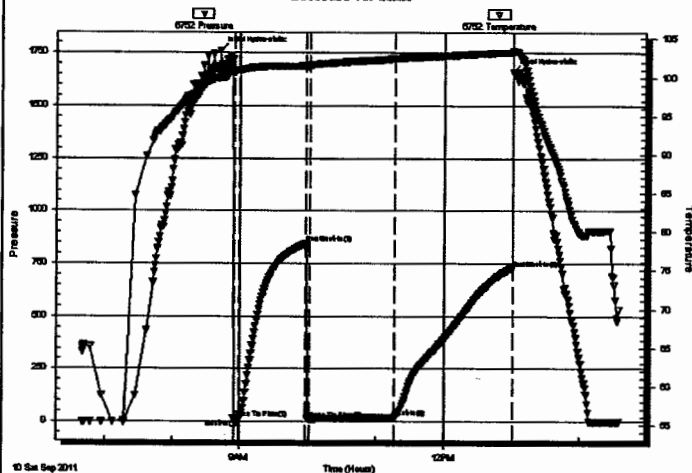
14:34:29

Time On Btm: 2011.09.10 @ 08:42:30

Time Off Btm: 2011.09.10 @ 13:00:30

**TEST COMMENT:** IF: Weak blow, surface over 5 mins.  
IS: No blow back over 60 mins.  
FF: Weak blow, built to 6 in. over 75 mins.  
FSI: No blow back over 105 mins.

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1761.50	99.90	Initial Hydro-static
12	12.52	100.63	Open To Flow (1)
17	10.81	100.91	Shut-In(1)
76	844.34	101.52	End Shut-In(1)
79	10.75	101.54	Open To Flow (2)
153	19.65	102.42	Shut-In(2)
258	728.78	103.22	End Shut-In(2)
258	1661.56	103.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	30 ft. gas in pipe	0.00
30.00	go-30%g70%o	0.42

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prairie Fire Petro, LLC.

**22-25s-27w Decatur,KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041949

**DST#: 1**

ATTN: Randy Killian

Test Start: 2011.09.10 @ 06:40:00

### Tool Information

Drill Pipe:	Length: 3528.00 ft	Diameter: 3.80 inches	Volume: 49.49 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: 50000.00 lb
			<u>Total Volume: 49.49 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3522.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3507.00	
Hydraulic tool	5.00			3512.00	
Packer	5.00			3517.00	20.00 Bottom Of Top Packer
Packer	5.00			3522.00	
Stubb	1.00			3523.00	
Perforations	1.00			3524.00	
Recorder	0.00	6752	Inside	3524.00	
Recorder	0.00	6741	Outside	3524.00	
Perforations	15.00			3539.00	
Bullnose	3.00			3542.00	20.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>40.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prairie Fire Petro, LLC.

**22-25s-27w Decatur, KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041949

**DST#: 1**

ATTN: Randy Killian

Test Start: 2011.09.10 @ 06:40:00

## 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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	30 ft. gas in pipe	0.000
30.00	go-30%g70%o	0.421

Total Length: 30.00 ft      Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

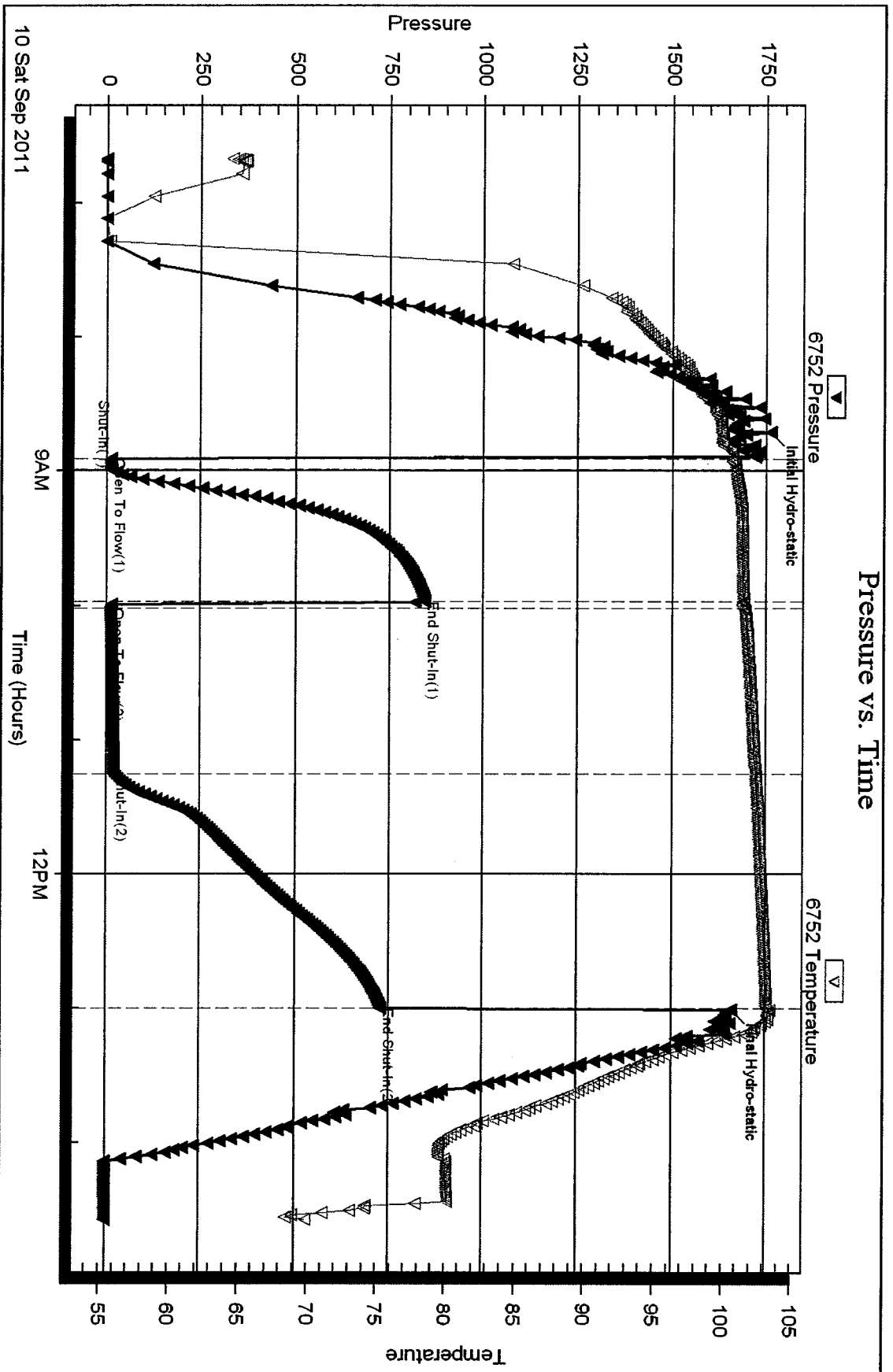
Serial #: 6752

Inside

Prairie Fire Petro, LLC

Long #1-22

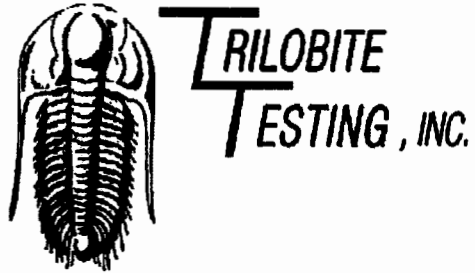
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 041949

Printed: 2011.09.21 @ 08:19:00



## DRILL STEM TEST REPORT

Prepared For: **Prairie Fire Petro, LLC.**

PO Box 38  
Norton, KS 67654

ATTN: Randy Killian

**Long #1-22**

**22-25s-27w Decatur,KS**

Start Date: 2011.09.10 @ 20:50:00

End Date: 2011.09.11 @ 04:57:00

Job Ticket #: 041950          DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2011.09.21 @ 08:19:19

Prairie Fire Petro, LLC. 22-25s-27w Decatur,KS Long #1-22 DST # 2 LKC-D 2011.09.10



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prairie Fire Petro, LLC.

22-25s-27w Decatur, KS

PO Box 38  
Norton, KS 67654

Long #1-22

Job Ticket: 041950

DST#: 2

ATTN: Randy Killian

Test Start: 2011.09.10 @ 20:50:00

### GENERAL INFORMATION:

Formation: **LKC-D**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 23:05:00

Time Test Ended: 04:57:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreutzer Jr.

Unit No: 36

Interval: **3539.00 ft (KB) To 3561.00 ft (KB) (TVD)**

Total Depth: 3561.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2629.00 ft (KB)

2619.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6752**

Inside

Press@RunDepth: 53.84 psig @ 3543.00 ft (KB)

Start Date: 2011.09.10

End Date:

2011.09.11

Capacity:

8000.00 psig

Start Time:

20:50:05

End Time:

04:56:59

Last Calib.:

2011.09.11

Time On Btm:

2011.09.10 @ 23:01:30

Time Off Btm:

2011.09.11 @ 02:38:30

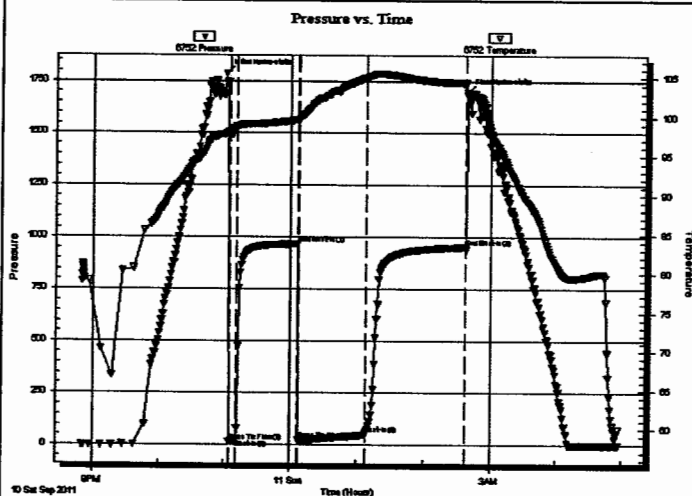
### TEST COMMENT:

IF: Weak blow, Built to 1 in. over 5 mins.

IS: No blow back over 60 mins.

FF: Weak blow, Built to 4 in. over 60 mins.

FSI: No blow back over 90 mins.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1785.75	97.88	Initial Hydro-static
4	14.36	97.81	Open To Flow (1)
9	22.63	98.80	Shut-In(1)
65	968.50	99.62	End Shut-In(1)
66	22.66	99.62	Open To Flow (2)
126	53.84	105.02	Shut-In(2)
216	953.97	104.36	End Shut-In(2)
217	1696.77	102.81	Final Hydro-static

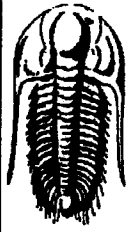
### Recovery

Length (ft)	Description	Volume (bbl)
87.00	w cm-30% m70% w	1.22
3.00	oil	0.04

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Prairie Fire Petro, LLC.

**22-25s-27w Decatur,KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041950

**DST#: 2**

ATTN: Randy Killian

Test Start: 2011.09.10 @ 20:50:00

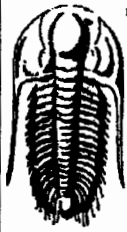
**Tool Information**

Drill Pipe:	Length: 3530.00 ft	Diameter: 3.80 inches	Volume: 49.52 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: 50000.00 lb
			<u>Total Volume: 49.52 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3539.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 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>
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Shut In Tool	5.00			3524.00	
Hydraulic tool	5.00			3529.00	
Packer	5.00			3534.00	20.00 Bottom Of Top Packer
Packer	5.00			3539.00	
Stubb	1.00			3540.00	
Perforations	3.00			3543.00	
Recorder	0.00	6752	Inside	3543.00	
Recorder	0.00	6741	Outside	3543.00	
Perforations	15.00			3558.00	
Bullnose	3.00			3561.00	22.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>42.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prairie Fire Petro, LLC.

22-25s-27w Decatur, KS

PO Box 38  
Norton, KS 67654

Long #1-22

Job Ticket: 041950

DST#: 2

ATTN: Randy Killian

Test Start: 2011.09.10 @ 20:50:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.19 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
87.00	w cm-30% m70%w	1.220
3.00	oil	0.042

Total Length: 90.00 ft

Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

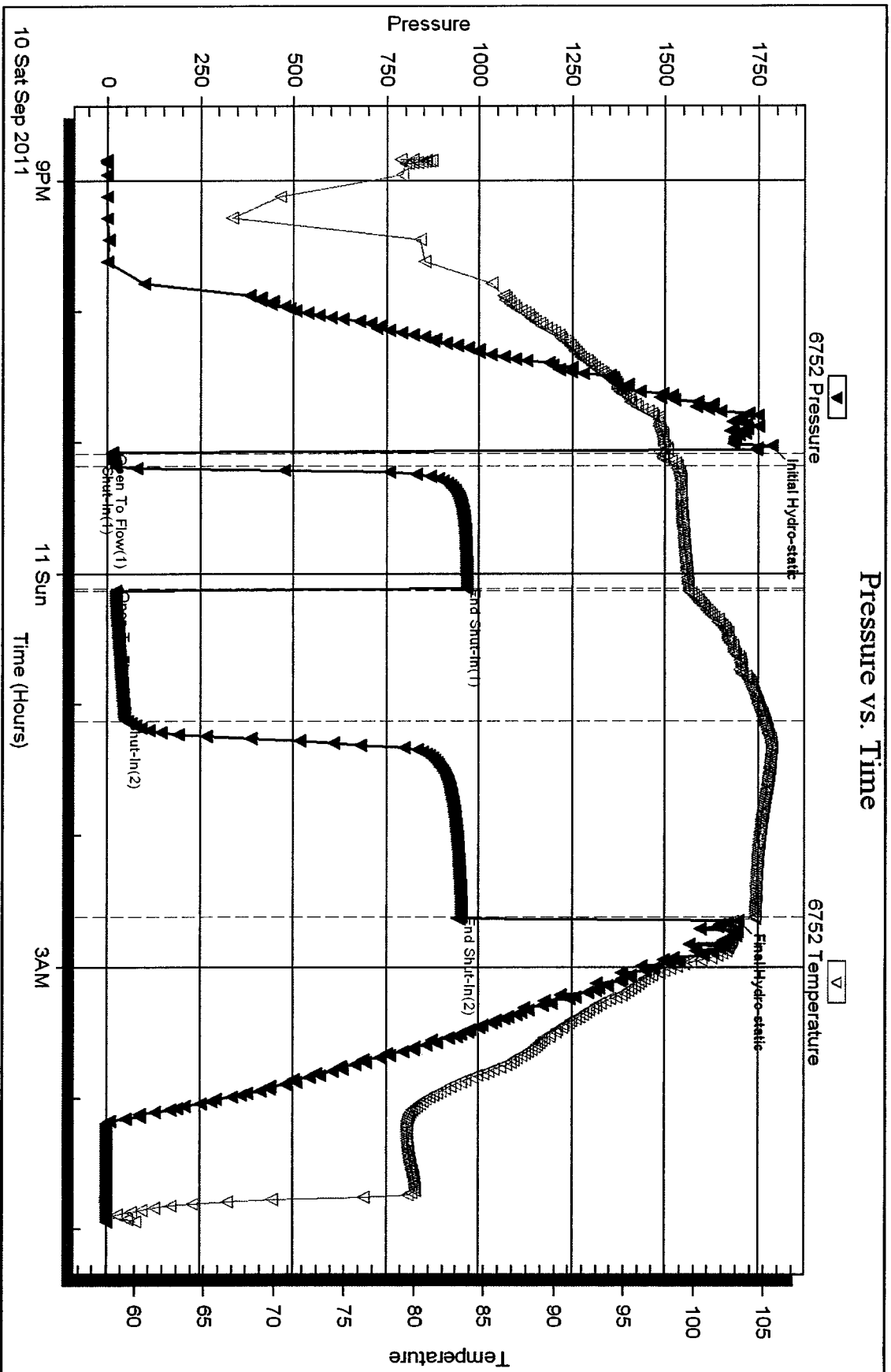
Serial #: 6752

Inside

Prairie Fire Petro. LLC

Long #1-22

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Prairie Fire Petro, LLC.**

PO Box 38  
Norton, KS 67654

ATTN: Randy Killian

### **Long #1-22**

#### **22-25s-27w Decatur,KS**

Start Date: 2011.09.11 @ 13:15:00

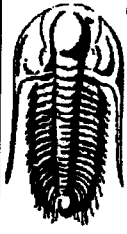
End Date: 2011.09.11 @ 19:22:30

Job Ticket #: 041951      DST #: 3

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

Printed: 2011.09.21 @ 08:19:44

Prairie Fire Petro, LLC.    22-25s-27w Decatur,KS    Long #1-22    DST # 3    LKC-G    2011.09.11



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Prairie Fire Petro, LLC.

**22-25s-27w Decatur,KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041951      **DST#: 3**

ATTN: Randy Killian

Test Start: 2011.09.11 @ 13:15:00

## GENERAL INFORMATION:

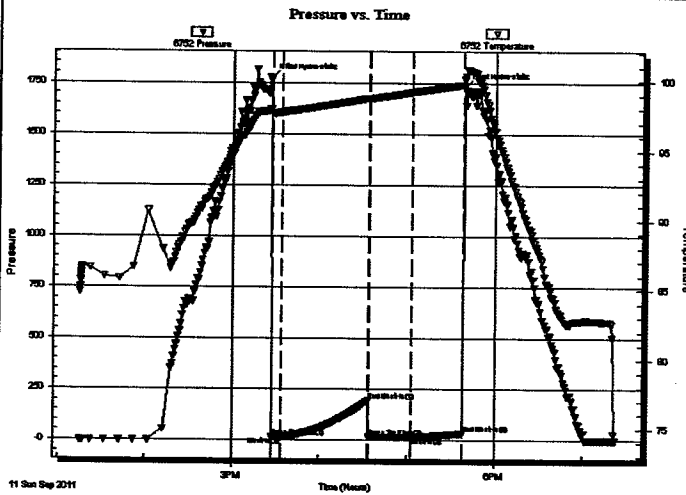
Formation: **LKC-G**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:27:30  
 Time Test Ended: 19:22:30  
 Interval: **3561.00 ft (KB) To 3600.00 ft (KB) (TVD)**  
 Total Depth: 3600.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chuck Kreutzer Jr.  
 Unit No: 36  
 Reference Elevations: 2629.00 ft (KB)  
 2619.00 ft (CF)  
 KB to GR/CF: 10.00 ft

## Serial #: 6752

Inside

Press@RunDepth: 14.79 psig @ 3563.00 ft (KB)  
 Start Date: 2011.09.11      End Date: 2011.09.11  
 Start Time: 13:15:05      End Time: 19:22:29  
 Capacity: 8000.00 psig  
 Last Calib.: 2011.09.11  
 Time On Btm: 2011.09.11 @ 15:26:30  
 Time Off Btm: 2011.09.11 @ 17:38:30

**TEST COMMENT:** IF: Weak blow, Died in 3 mins.  
 ISI: No blow back over 60 mins.  
 FF: No blow over 30 mins.  
 FSI: No blow back over 30 mins.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.80	98.00	Initial Hydro-static
1	13.36	97.74	Open To Flow (1)
8	12.65	97.78	Shut-In(1)
67	192.74	98.79	End Shut-In(1)
68	14.27	98.77	Open To Flow (2)
97	14.79	99.22	Shut-In(2)
131	32.10	99.75	End Shut-In(2)
132	1731.12	100.18	Final Hydro-static

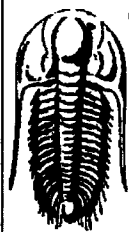
## Recovery

Length (ft)	Description	Volume (bbl)
3.00	OSM 100M (oil spots)	0.04

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prairie Fire Petro, LLC.

**22-25s-27w Decatur,KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041951

**DST#: 3**

ATTN: Randy Killian

Test Start: 2011.09.11 @ 13:15:00

### Tool Information

Drill Pipe:	Length: 3561.00 ft	Diameter: 3.80 inches	Volume: 49.95 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: 50000.00 lb
			<u>Total Volume: 49.95 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3561.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3546.00	
Hydraulic tool	5.00			3551.00	
Packer	5.00			3556.00	20.00 Bottom Of Top Packer
Packer	5.00			3561.00	
Stubb	1.00			3562.00	
Perforations	1.00			3563.00	
Recorder	0.00	6752	Inside	3563.00	
Recorder	0.00	6741	Outside	3563.00	
Perforations	34.00			3597.00	
Bullnose	3.00			3600.00	39.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>59.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Prairie Fire Petro, LLC

**22-25s-27w Decatur,KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041951

**DST#: 3**

ATTN: Randy Killian

Test Start: 2011.09.11 @ 13:15:00

### 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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	OSM 100M (oil spots)	0.042

Total Length: 3.00 ft      Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

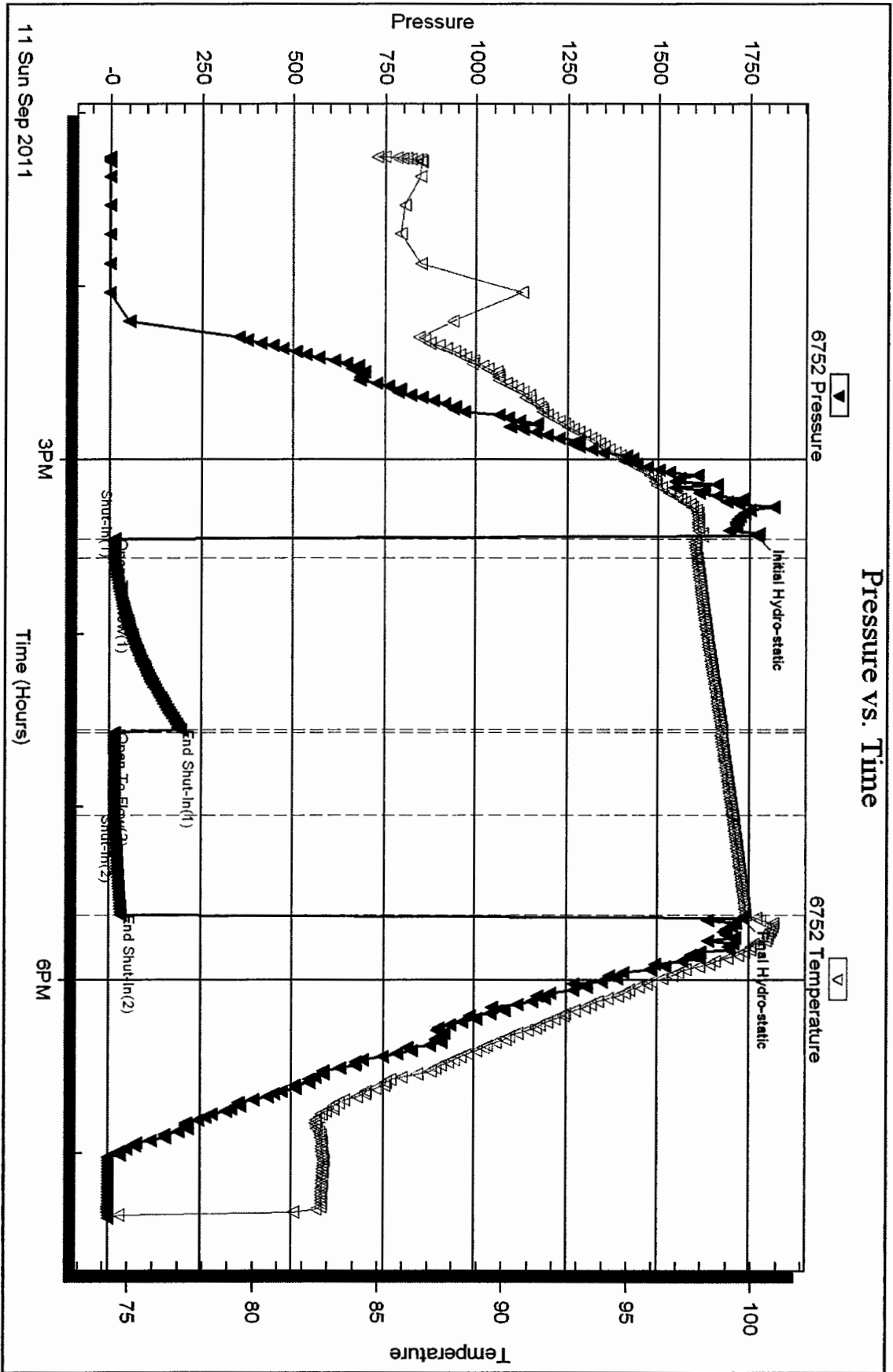
Serial #: 6752

Inside

Prairie Fire Petro, LLC

Long #1-22

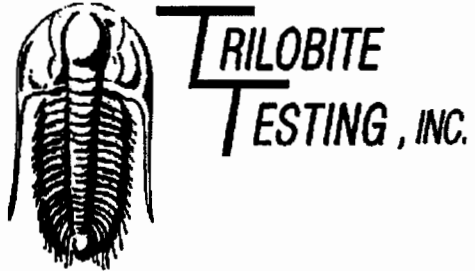
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 041951

Printed: 2011.09.21 @ 08:19:47



## DRILL STEM TEST REPORT

Prepared For: **Prairie Fire Petro, LLC.**

PO Box 38  
Norton, KS 67654

ATTN: Randy Killian

**Long #1-22**

**22-25s-27w Decatur,KS**

Start Date: 2011.09.12 @ 05:10:00

End Date: 2011.09.12 @ 12:16:00

Job Ticket #: 041952      DST #: 4

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

Printed: 2011.09.21 @ 08:20:03

Prairie Fire Petro, LLC. 22-25s-27w Decatur,KS Long #1-22 DST # 4 LKC-H 2011.09.12



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Prairie Fire Petro, LLC.

**22-25s-27w Decatur,KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041952

**DST#: 4**

ATTN: Randy Killian

Test Start: 2011.09.12 @ 05:10:00

## GENERAL INFORMATION:

Formation: **LKC-H**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 06:55:30

Time Test Ended: 12:16:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr.

Unit No: 36

Interval: **3599.00 ft (KB) To 3640.00 ft (KB) (TVD)**

Total Depth: 3640.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2629.00 ft (KB)

2619.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 6741**

**Outside**

Press@RunDepth: 16.94 psig @ 3601.00 ft (KB)

Start Date: 2011.09.12 End Date: 2011.09.12

Start Time: 05:10:05 End Time: 12:15:59

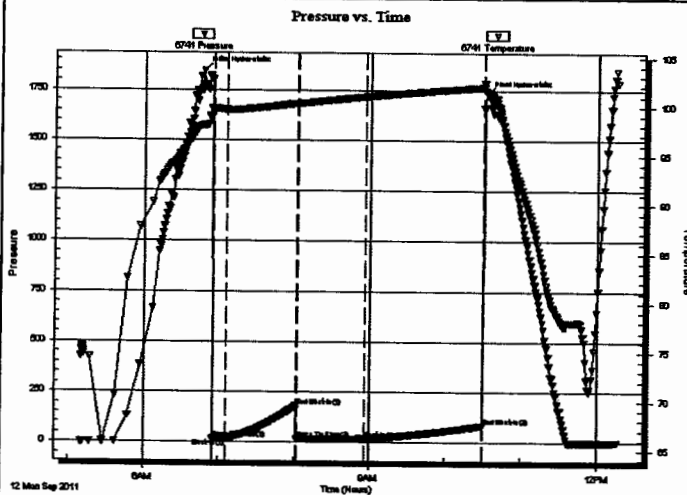
Capacity: 8000.00 psig

Last Calib.: 2011.09.12

Time On Btm: 2011.09.12 @ 06:47:30

Time Off Btm: 2011.09.12 @ 10:32:30

**TEST COMMENT:** IF: Weak blow, surface over 5 mins.  
IS: No blow back over 60 mins.  
FF: Weak blow, surface over 60 mins.  
FS: No blow back over 90 mins.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1845.74	98.08	Initial Hydro-static
8	16.48	99.37	Open To Flow (1)
18	16.32	99.62	Shut-In(1)
74	181.00	100.28	End Shut-In(1)
75	14.47	100.24	Open To Flow (2)
129	16.94	100.99	Shut-In(2)
223	84.25	101.99	End Shut-In(2)
225	1732.18	101.43	Final Hydro-static

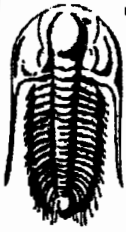
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mco-80%o20%rm	0.07

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Prairie Fire Petro, LLC.

**22-25s-27w Decatur,KS**

PO Box 38  
Norton, KS 67654

**Long #1-22**

Job Ticket: 041952

**DST#:4**

ATTN: Randy Killian

Test Start: 2011.09.12 @ 05:10:00

## Tool Information

Drill Pipe:	Length: 4599.00 ft	Diameter: 3.80 inches	Volume: 64.51 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: 50000.00 lb
			<u>Total Volume: 64.51 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	1020.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3599.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	61.00 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			3584.00	
Hydraulic tool	5.00			3589.00	
Packer	5.00			3594.00	20.00 Bottom Of Top Packer
Packer	5.00			3599.00	
Stubb	1.00			3600.00	
Perforations	1.00			3601.00	
Recorder	0.00	6752	Inside	3601.00	
Recorder	0.00	6741	Outside	3601.00	
Perforations	36.00			3637.00	
Bullnose	3.00			3640.00	41.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>61.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Prairie Fire Petro, LLC.

22-25s-27w Decatur,KS

PO Box 38  
Norton, KS 67654

Long #1-22

Job Ticket: 041952

DST#: 4

ATTN: Randy Killian

Test Start: 2011.09.12 @ 05:10:00

### 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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mco-80%o20%m	0.070

Total Length: 5.00ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6741

Outside

Pralite Fire Petro. LLC.

Long #1-22

DST Test Number: 4

### Pressure vs. Time

