



KANSAS CORPORATION COMMISSION 1076716  
OIL & GAS CONSERVATION DIVISION

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**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- 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 #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1076716

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

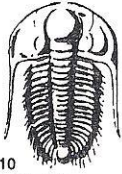
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Prairie Fire Petroleum, LLC
Well Name	Long Farm Partnership 1-23
Doc ID	1076716

Tops

Name	Top	Datum
Anhydrite	2186	+457
Base/Anhydrite	2218	+425
Topeka	3335	-692
Heebner Shale	3500	-857
Toronto	3530	-887
Lansing	3542	-899
Base/Kansas City	3742	-1099
RTD Rotary TD	3783	-1140



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
FEB 08 2012

## Test Ticket

NO. 043099

4/10

BY:

Well Name & No. Long Farms Partnership #1-23 Test No. 2 Date 2-5-12  
 Company Prairie Fire Petroleum Elevation 2643 KB 26  
 Address PO Box 38 Norton, KS 67654  
 Co. Rep / Geo. Randy Killian Rig Integrity #7  
 Location: Sec. 23 Twp. 25 Rge. 27w Co. Decatur State K

Interval Tested 3557-3605 Zone Tested LKC "B-E"  
 Anchor Length 48' Drill Pipe Run 3539 Mud Wt. \_\_\_\_\_  
 Top Packer Depth 3553 Drill Collars Run Ø Vis \_\_\_\_\_  
 Bottom Packer Depth 3557 Wt. Pipe Run Ø WL \_\_\_\_\_  
 Total Depth 3605 Chlorides 2,000 ppm System LCM \_\_\_\_\_  
 Blow Description IF- 1/4" Blow built to 3"  
IS- No Return  
AF- BoB in 28 min.  
FS- No Return

Rec	Feet of	%gas	%oil	%water
<u>67</u>	<u>MW</u>		<u>75</u>	
<u>19</u>	<u>MW</u>		<u>95</u>	
<u>5</u>	<u>Heavy Mud</u>			
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water

Rec Total 191 BHT 103 Gravity — API RW .25 @ 57° F Chlorides 32  
 (A) Initial Hydrostatic 1739  Test 1125' T-On Location 5:  
 (B) First Initial Flow 25  Jars N/C T-Started 6:1  
 (C) First Final Flow 35  Safety Joint N/C T-Open 8:4  
 (D) Initial Shut-In 1008  Circ Sub \_\_\_\_\_ T-Pulled 12:20  
 (E) Second Initial Flow 38  Hourly Standby \_\_\_\_\_ T-Out 2:37  
 (F) Second Final Flow 125  Mileage 34 RT 47<sup>60</sup> Comments All blow  
 (G) Final Shut-In 956  Sampler \_\_\_\_\_ in diesel F  
 (H) Final Hydrostatic 1726  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Initial Open 5  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 90  
 Sub Total Ø  
 Total 1172.60  
 MP/DST Disc't \_\_\_\_\_





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
FEB 08 2012

## Test Ticket

NO. 043098

4/10

BY: \_\_\_\_\_

Well Name & No. Long Farm Partnership #1-23 Test No. 1 Date 2-4-

Company Prarie Fire Petroleum, LLC Elevation 2643 KB 263

Address PO Box 38 Norton, KS 67654

Co. Rep / Geo. Randy Killian Rig Integrity #7

Location: Sec. 23 Twp. 2s Rge. 27w Co. Decatur State 1

Interval Tested 3488-3560 Zone Tested TOR-LKC "A"

Anchor Length 72' Drill Pipe Run 3467 Mud Wt. \_\_\_\_\_

Top Packer Depth 3484 Drill Collars Run Ø Vis \_\_\_\_\_

Bottom Packer Depth 3488 Wt. Pipe Run Ø WL \_\_\_\_\_

Total Depth 3560 Chlorides 2,000 ppm System LCM \_\_\_\_\_

Blow Description IF- 1/2" Blow died to weak surface blow

IS- No Return

FF- No Blow

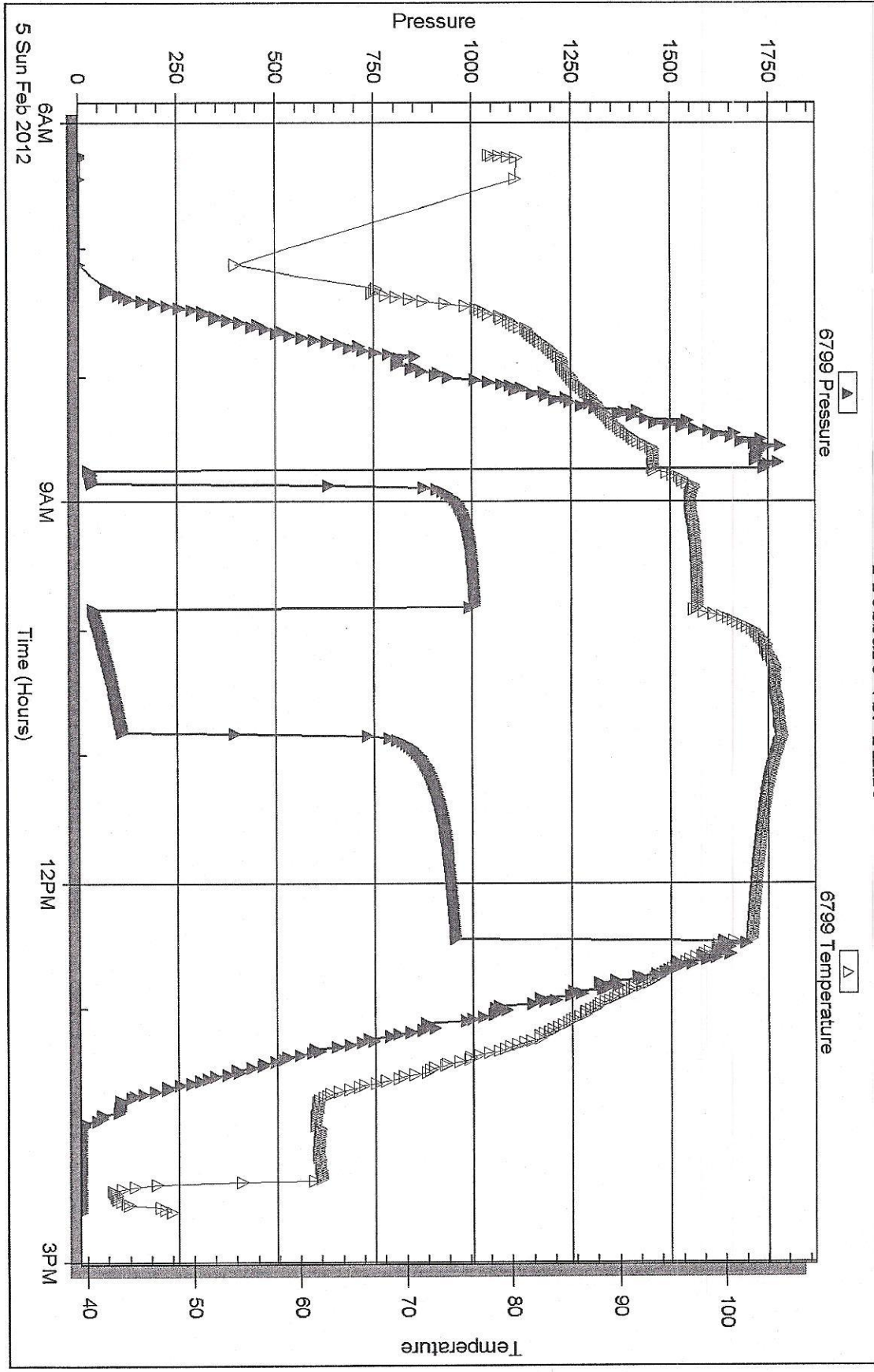
FS- No Return

Rec	Feet of	%gas	%oil	%water
<u>15</u>	<u>Mud</u>			
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water
Rec	Feet of	%gas	%oil	%water

Rec Total 15 BHT 97 Gravity - API RW - @ - ° F Chlorides -

(A) Initial Hydrostatic	<u>1706</u>	<input checked="" type="checkbox"/> Test	<u>1125'</u>	T-On Location	<u>12:45</u>
(B) First Initial Flow	<u>23</u>	<input checked="" type="checkbox"/> Jars	<u>250'</u>	T-Started	<u>1:33</u>
(C) First Final Flow	<u>24</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75'</u>	T-Open	<u>4:17</u>
(D) Initial Shut-In	<u>1179</u>	<input checked="" type="checkbox"/> Circ Sub	<u>N/C</u>	T-Pulled	<u>6:22</u>
(E) Second Initial Flow	<u>25</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>8:36</u>
(F) Second Final Flow	<u>32</u>	<input checked="" type="checkbox"/> Mileage	<u>4760 34 RT</u>	Comments	
(G) Final Shut-In	<u>1059</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1776</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>5</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>60</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>Ø</u>
Final Shut-In	<u>30</u>	<input type="checkbox"/> Day Standby		Total	<u>1497.100</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	

Pressure vs. Time

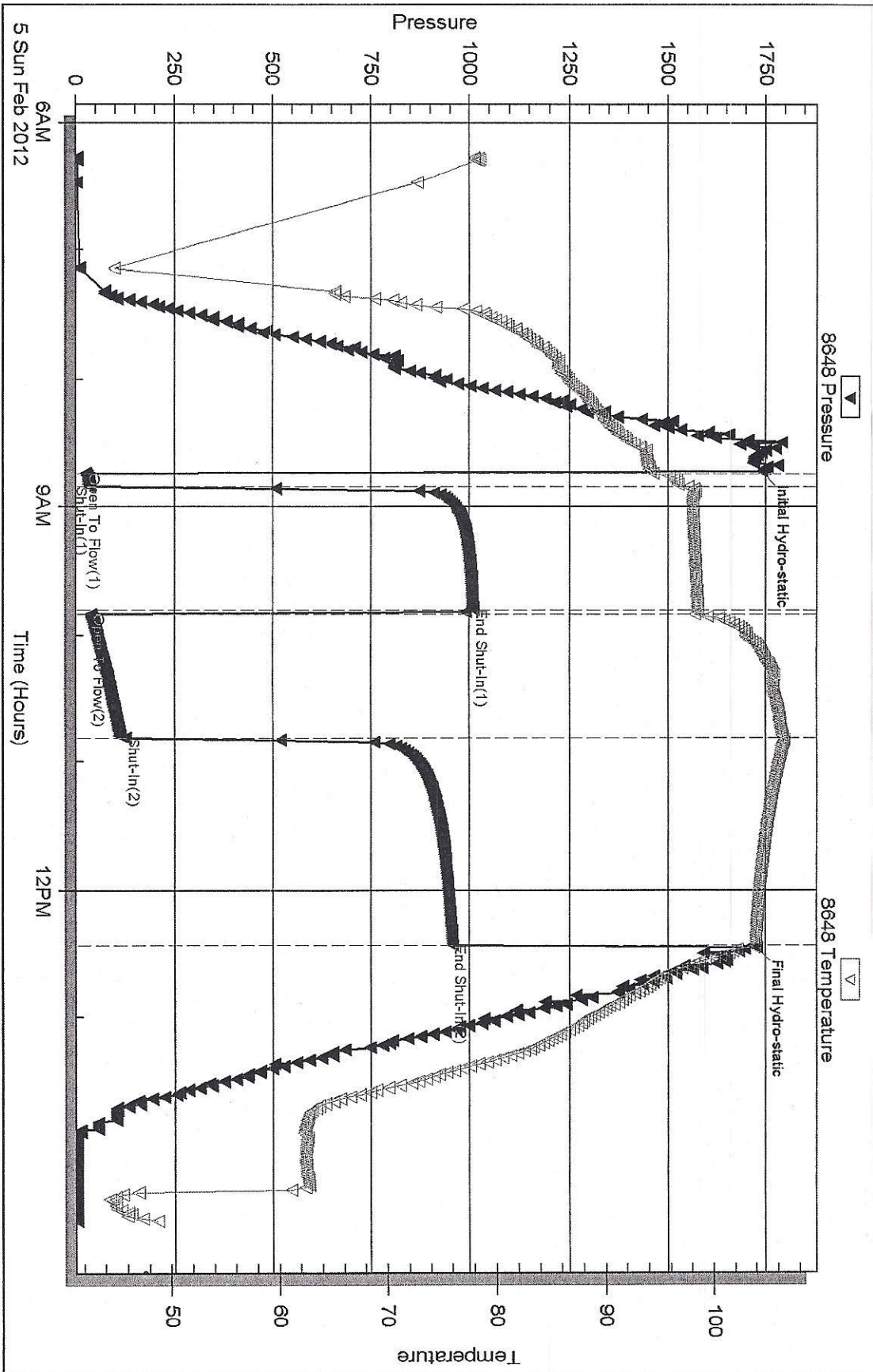


Triobite Testing, Inc

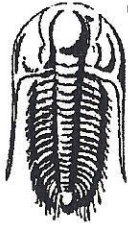
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Printed: 2012.02.09 @ 10:40:37

# Pressure vs. Time







**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Prairie Fire Petroleum, LLC.

**Long Partnership #1-23**

PO BOX 38  
Norton, KS 67654

**23-2s-27w Decatur,KS**

ATTN: Randy Killian

Job Ticket: 43099

**DST#: 2**

Test Start: 2012.02.05 @ 06:16:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

32000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud (heavy) 100M	0.070
119.00	MW 5M 95W	1.669
67.00	MW 25M 75W	0.940

Total Length: 191.00 ft      Total Volume: 2.679 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .25 @ 57 deg. = 32000 ppm





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAG**

Prairie Fire Petroleum, LLC.

**Long Partnership #1-23**

PO BOX 38  
Norton, KS 67654

**23-2s-27w Decatur,KS**

Job Ticket: 43099

**DST#: 2**

ATTN: Randy Kilian

Test Start: 2012.02.05 @ 06:16:00

**Tool Information**

Drill Pipe:	Length: 3539.00 ft	Diameter: 3.80 inches	Volume: 49.64 bbl	Tool Weight: 2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 49.64 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3557.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

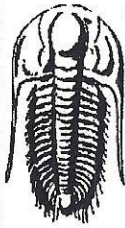
**Tool Description**

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3537.00	
Shut In Tool	5.00			3542.00	
Hydraulic tool	5.00			3547.00	
Packer	5.00			3552.00	21.00 Bottom Of Top Pa
Packer	5.00			3557.00	
Stubb	1.00			3558.00	
Recorder	0.00	8648	Inside	3558.00	
Recorder	0.00	6799	Inside	3558.00	
Perforations	9.00			3567.00	
Change Over Sub	1.00			3568.00	
Drill Pipe	31.00			3599.00	
Change Over Sub	1.00			3600.00	
Bullnose	5.00			3605.00	48.00 Bottom Packers & An

**Total Tool Length: 69.00**





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Prairie Fire Petroleum, LLC.

PO BOX 38  
Norton, KS 67654

ATTN: Randy Kilian

**Long Partnership #1-23**

**23-2s-27w Decatur,KS**

Job Ticket: 43099

**DST#: 2**

Test Start: 2012.02.05 @ 06:16:00

### GENERAL INFORMATION:

Formation: **LKC "B-E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:44:45

Time Test Ended: 14:35:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: **3557.00 ft (KB) To 3605.00 ft (KB) (TVD)**

Total Depth: 3605.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2643.00 ft (KB)

2635.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8648**

**Inside**

Press@RunDepth: 125.65 psig @ 3558.00 ft (KB)

Start Date: 2012.02.05

End Date:

2012.02.05

Capacity:

8000.00 psig

Start Time: 06:16:05

End Time:

14:35:14

Last Calib.:

2012.02.05

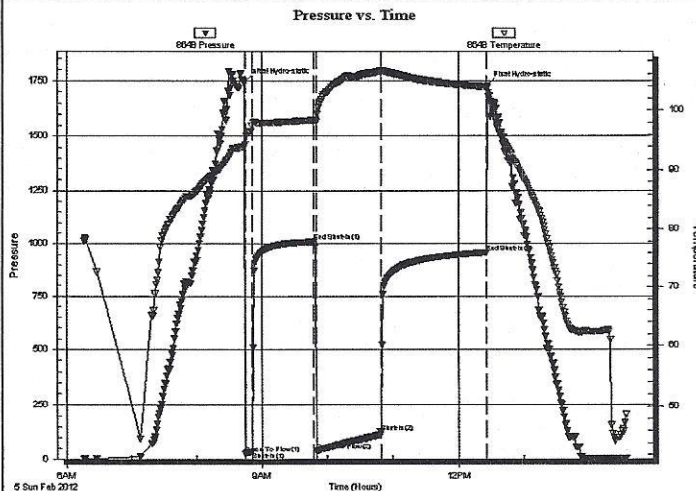
Time On Btmr

2012.02.05 @ 08:43:45

Time Off Btmr

2012.02.05 @ 12:26:45

TEST COMMENT: IF- 1/4" Blow built to 3"  
IS- No Return  
FF- BoB in 28 min  
FS- No Return



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.86	94.03	Initial Hydro-static
1	25.64	94.36	Open To Flow (1)
7	35.15	97.58	Shut-In(1)
64	1008.97	98.47	End Shut-In(1)
66	38.22	98.17	Open To Flow (2)
125	125.65	106.36	Shut-In(2)
222	956.63	103.85	End Shut-In(2)
223	1726.17	103.69	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud (heavy) 100M	0.07
119.00	MW 5M 95W	1.67
67.00	MW 25M 75W	0.94

### Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (M)



## DRILL STEM TEST REPORT

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

PO BOX 38  
Norton, KS 67654

ATTN: Randy Kilian

**23-2s-27w Decatur,KS**

**Long Partnership #1-23**

Start Date: 2012.02.05 @ 06:16:00

End Date: 2012.02.05 @ 14:35:15

Job Ticket #: 43099                      DST #: 2

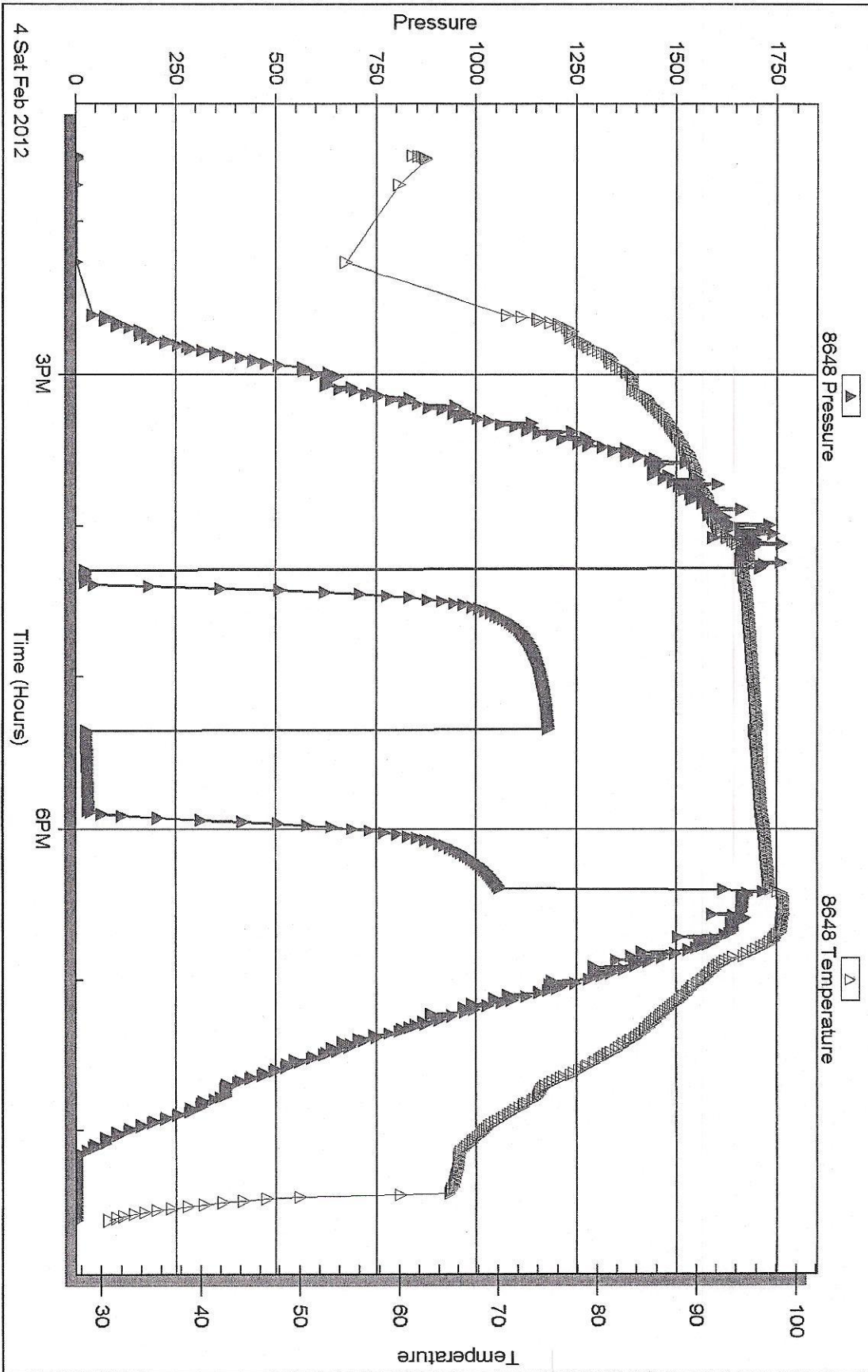
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



# Pressure vs. Time

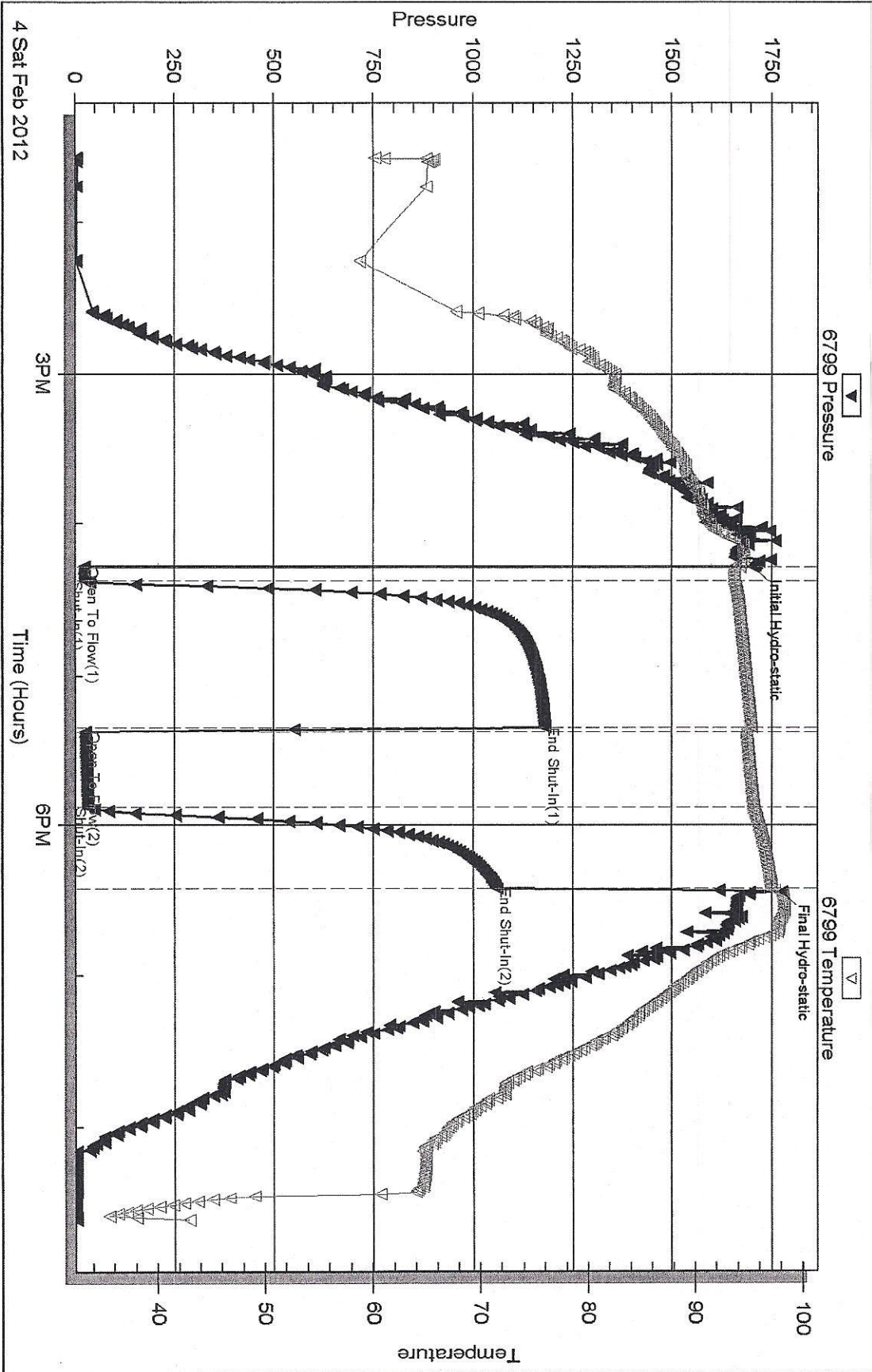


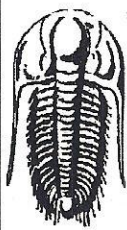
Trilobite Testing, Inc

Ref. No: 43098

Printed: 2012.02.09 @ 10:40:18

Pressure vs. Time





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMM**

Prairie Fire Petroleum, LLC.

**Long Partnership #1-23**

PO BOX 38  
Norton, KS 67654

**23-2s-27w Decatur,KS**

ATTN: Randy Kilian

Job Ticket: 43098

**DST#: 1**

Test Start: 2012.02.04 @ 13:33:00

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 65.00 sec/qt  
Water Loss: 6.39 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 2000.00 ppm  
Filter Cake: 2.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg  
Water Salinity: ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100M	0.210

Total Length: 15.00ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAG**

Prairie Fire Petroleum, LLC.

**Long Partnership #1-23**

PO BOX 38  
Norton, KS 67654

**23-2s-27w Decatur,KS**

Job Ticket: 43098

**DST#: 1**

ATTN: Randy Kilian

Test Start: 2012.02.04 @ 13:33:00

**Tool Information**

Drill Pipe:	Length: 3467.00 ft	Diameter: 3.80 inches	Volume: 48.63 bbl	Tool Weight: 2500.00 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 48.63 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3488.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	101.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

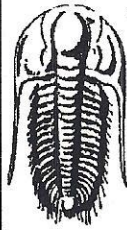
Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3460.00	
Shut In Tool	5.00			3465.00	
Hydraulic tool	5.00			3470.00	
Jars	5.00			3475.00	
Safety Joint	3.00			3478.00	
Packer	5.00			3483.00	29.00 Bottom Of Top Pa
Packer	5.00			3488.00	
Stubb	1.00			3489.00	
Recorder	0.00	8648	Inside	3489.00	
Recorder	0.00	6799	Inside	3489.00	
Perforations	3.00			3492.00	
Change Over Sub	1.00			3493.00	
Drill Pipe	63.00			3556.00	
Change Over Sub	1.00			3557.00	
Bullnose	3.00			3560.00	72.00 Bottom Packers & An

**Total Tool Length: 101.00**







**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Prairie Fire Petroleum, LLC.

PO BOX 38  
Norton, KS 67654

ATTN: Randy Kilian

**Long Partnership #1-23**

**23-2s-27w Decatur, KS**

Job Ticket: 43098

DST#: 1

Test Start: 2012.02.04 @ 13:33:00

**GENERAL INFORMATION:**

Formation: **Tor-LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:17:15

Time Test Ended: 20:36:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 43

Interval: **3488.00 ft (KB) To 3560.00 ft (KB) (TVD)**

Total Depth: 3680.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2643.00 ft (KB)

2635.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6799**

Inside

Press@RunDepth: 32.16 psig @ 3489.00 ft (KB)

Start Date: 2012.02.04

End Date: 2012.02.04

Start Time: 13:33:05

End Time: 20:36:44

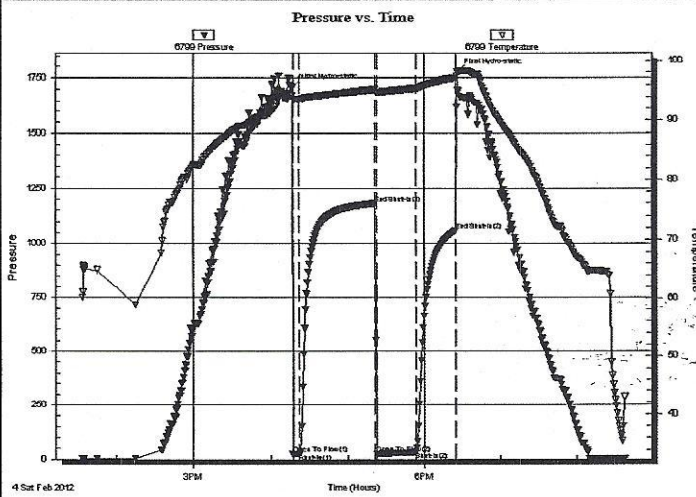
Capacity: 8000.00 psig

Last Calib.: 2012.02.04

Time On Btm: 2012.02.04 @ 16:17:00

Time Off Btm: 2012.02.04 @ 18:26:00

TEST COMMENT: IF- 1/8" Blow died to weak surface blow  
IS- No Return  
FF- No Blow  
FS- No Return



**PRESSURE SUMMARY**

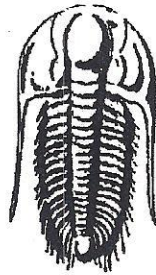
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.13	94.20	Initial Hydro-static
1	23.61	93.69	Open To Flow (1)
6	24.64	93.65	Shut-In(1)
64	1179.50	95.21	End Shut-In(1)
66	25.91	94.83	Open To Flow (2)
97	32.16	95.42	Shut-In(2)
128	1059.47	97.08	End Shut-In(2)
129	1776.66	98.05	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
15.00	Mud 100M	0.21

**Gas Rates**

Choke (inches)	Pressure (psig)	Gas Rate (M)



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

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

PO BOX 38  
Norton, KS 67654

ATTN: Randy Kilian

**23-2s-27w Decatur,KS**

**Long Partnership #1-23**

Start Date: 2012.02.04 @ 13:33:00

End Date: 2012.02.04 @ 20:36:45

Job Ticket #: 43098                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

**ORIGINAL**





**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 684  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

**INVOICE**

Invoice # **247595**

Invoice Date: 01/31/2012 Terms: 10/10/30,n/30 Page 1

**PRAIRIE FIRE PETROLEUM, LLC**  
P.O. BOX 38  
NORTON KS 67654-0038  
(785) 874-4840

**LONG FARM PARTNER 1-23**  
33845  
23-28-27W  
1-31-2012  
K8

**ORIGINAL**

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	185.00	17.6500	3265.25
1102	CALCIUM CHLORIDE (50#)	521.00	.8900	463.69
1118B	PREMIUM GEL / BENTONITE	348.00	.2500	87.00

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-381.59
9999-130	CASH DISCOUNT	-235.44

Description	Hours	Unit Price	Total
399 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
399 EQUIPMENT MILEAGE (ONE WAY)	65.00	5.00	325.00
566 TON MILEAGE DELIVERY	1.00	944.38	944.38

- 8-5/8" SURFACE CASING -

**PAID**  
2/10/12  
CHECK #: 1595

Amount Due 6448.88 if paid after 03/01/2012

Parts:	3815.94	Freight:	.00	Tax:	250.70	AR	5803.99
Labor:	.00	Misc:	.00	Total:	5803.99		
Sublt:	-617.03	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_

Date \_\_\_\_\_

BARTLESVILLE, OK 918/338-0848    EL DORADO, KS 316/322-7022    EUREKA, KS 620/593-7884    PONCA CITY, OK 580/762-2303    OAKLEY, KS 785/672-2227    OTTAWA, KS 785/242-4044    THAYER, KS 620/638-5289    GILLETTE, WY 307/688-4914





TICKET NUMBER 33845  
 LOCATION Oakley  
 FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720  
 620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-31-12	6404	Long Farm Partner 1-23	23	25	27 <sup>W</sup>	Decatur
CUSTOMER		open in				
MAILING ADDRESS		E to Rd 12E				
CITY		2N				
STATE		3/16 W				
ZIP CODE		N: NTO				
		TRUCK #	DRIVER	TRUCK #	DRIVER	
		399	Damon M			
		566	Bobby			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 279 CASING SIZE & WEIGHT 8 5/8 24#  
 CASING DEPTH 284 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 148 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT In CASING 20'  
 DISPLACEMENT 16 3/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting, rigged up on Integrity Drilling, hooked up to circulate. Mixed 1855sk com 39cc 20gel, displaced with 16 3/4 bbl water, shut in, washed out pumps & lines, rigged down & left location.

Cement did circulate

approx 3 bbl to pit

Thank you Kelly & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1085 <sup>00</sup>	1085 <sup>00</sup>
5406	65	MILEAGE	5 <sup>00</sup>	325 <sup>00</sup>
11045	1855sk	Class A Cement	17 <sup>65</sup>	3265 <sup>25</sup>
5407A	8.7	Ton mileage delivery	107	944 <sup>30</sup>
1102	521#	calcium chloride	.89	463 <sup>69</sup>
1118B	348#	Bentonite	.25	87 <sup>00</sup>
				6170 <sup>33</sup>
		Less 10% disc		6170 <sup>33</sup>
				5553 <sup>29</sup>
		247595	SALES TAX	250.70
			ESTIMATED TOTAL	5803.99

Rev'n 3737  
 12:30AM AUTHORIZATION Don Maris TITLE \_\_\_\_\_ DATE 1-31-12

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 247729

Invoice Date: 02/09/2012 Terms: 10/10/30,n/30

Page 1

PRAIRIE FIRE PETROLEUM, LLC  
P.O. BOX 38  
NORTON KS 67654-0038  
(785) 874-4840

LONG1-23  
33906  
23-2S-27W  
2-6-2012  
KS

**ORIGINAL**

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	205.00	15.1000	3095.50
1118B	PREMIUM GEL / BENTONITE	705.00	.2500	176.25
1107	FLO-SEAL (25#)	51.00	2.8200	143.82
4432	8 5/8" WOODEN PLUG	1.00	96.0000	96.00

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-351.16
9999-130	CASH DISCOUNT	-260.74

Description	Hours	Unit Price	Total
439 TON MILEAGE DELIVERY	573.30	1.67	957.41
463 P & A NEW WELL	1.00	1325.00	1325.00
463 EQUIPMENT MILEAGE (ONE WAY)	65.00	5.00	325.00

**PAID**  
2/13/12

CHECK #: 1606

**- PLUG TO ABANDON -**

Amount Due 6375.33 if paid after 03/10/2012

Parts:	3511.57	Freight:	.00	Tax:	230.72	AR	5737.80
Labor:	.00	Misc:	.00	Total:	5737.80		
Sublt:	-611.90	Supplies:	.00	Change:	.00		

Signed

Date

BARTLESVILLE, OK  
918/338-0808

EL DORADO, KS  
316/322-7022

EUREKA, KS  
620/583-7664

PONCA CITY, OK  
580/762-2303

OAKLEY, KS  
785/672-2227

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

GILLETTE, WY  
307/686-4914





TICKET NUMBER 33906  
 LOCATION Oakley  
 FOREMAN Fuzzy

PO Box 884, Chanute, KS 66720  
 620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

Ks

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-6-12	6404	Long 1-23	23	25	27W	Decatur

CUSTOMER	TRUCK #	DRIVER	TRUCK #	DRIVER
PRINIC Free	463	Josh G		
	439	Bobby S		

CITY	STATE	ZIP CODE

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 3780' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.1 SLURRY VOL 1.40 WATER gal/sk 6.7 CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Integrity #7. Rig up and plug as ordered  
25 SKS @ 2200'  
100 SKS @ 1435' 205 SKS 60/40 49 gal 1 1/4" flo seal  
40 SKS @ 320'  
10 SKS @ 40' w/ plug  
30 SKS in RH

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1325 <sup>00</sup>	1325 <sup>00</sup>
5406	65	MILEAGE	5 <sup>00</sup>	325 <sup>00</sup>
5407A	8.82 down	Tow Mileage Delivery	167	957 <sup>41</sup>
1131	205	60/40 pos	15 <sup>10</sup>	3095 <sup>50</sup>
1118B	705 #	Bentonite	.25	176 <sup>25</sup>
1107	51 #	flo seal	2 <sup>82</sup>	143 <sup>82</sup>
4432	1	8 5/8 plug	96 <sup>00</sup>	96 <sup>00</sup>
		subtotal		6118 <sup>98</sup>
		less 10% disc		611 <sup>90</sup>
		subtotal		5507 <sup>02</sup>
		247729	SALES TAX	230.72
			ESTIMATED TOTAL	5737 <sup>80</sup>

Ravin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.