



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
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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: \_\_\_\_\_



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 Bbbs.	Gas Mcf	Water Bbbs.	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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Jason Oil Co. LLC**

PO Box 701  
Russell, KS 67665

ATTN: Jeff Lawler

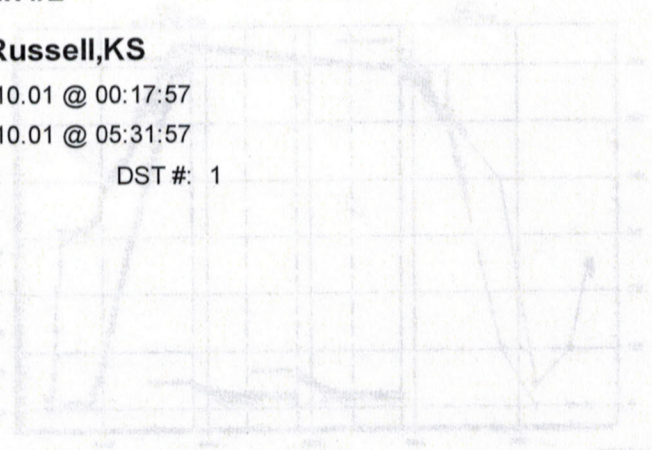
**Kaufman #2**

**13-15s-12w Russell,KS**

Start Date: 2012.10.01 @ 00:17:57

End Date: 2012.10.01 @ 05:31:57

Job Ticket #: 49449 DST #: 1



Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Jason Oil Co. LLC 13-15s-12w Russell,KS Kaufman #2 DST # 1 LKC "B-D" 2012.10.01





**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Jason Oil Co. LLC

13-15s-12w Russell,KS

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 49449

**DST#: 1**

ATTN: Jeff Lawler

Test Start: 2012.10.01 @ 00:17:57

**GENERAL INFORMATION:**

Formation: **LKC "B-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:07:57

Time Test Ended: 05:31:57

Interval: **3034.00 ft (KB) To 3105.00 ft (KB) (TVD)**

Total Depth: 3105.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Brian Fairbank

Unit No: 41

Reference Elevations: 1879.00 ft (KB)

1870.00 ft (CF)

KB to GR/CF: 9.00 ft

**Serial #: 6741**

**Outside**

Press@RunDepth: 51.30 psig @ 3037.00 ft (KB)

Start Date: 2012.10.01

End Date:

2012.10.01

Start Time: 00:17:58

End Time:

05:31:57

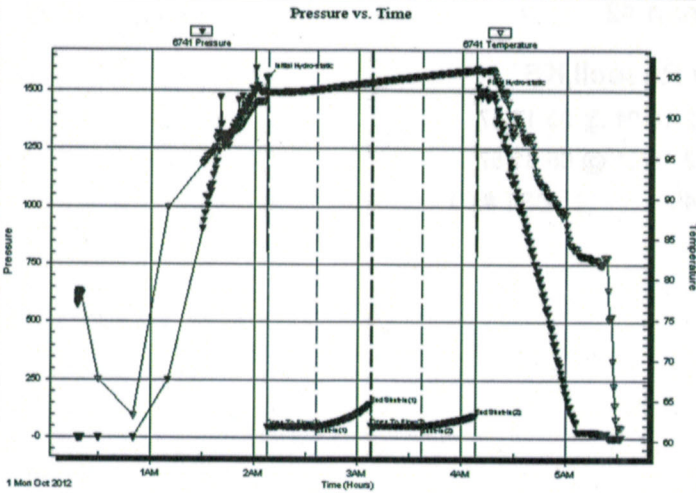
Capacity: 8000.00 psig

Last Calib.: 2012.10.01

Time On Btm: 2012.10.01 @ 02:06:57

Time Off Btm: 2012.10.01 @ 04:09:57

**TEST COMMENT:** IFP - weak blow throughout 1/2" - 2"  
ISI - no blow back  
FFP - weak sur blow - died 13 min  
FSI - no blow back



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1556.38	102.84	Initial Hydro-static
1	47.09	102.91	Open To Flow (1)
29	48.75	103.36	Shut-In(1)
61	146.63	104.22	End Shut-In(1)
61	49.66	104.22	Open To Flow (2)
91	51.30	105.06	Shut-In(2)
121	97.01	105.78	End Shut-In(2)
123	1489.48	105.71	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
15.00	VSOCM 2%O, 98%M	0.21

**Gas Rates**

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Jason Oil Co. LLC

**13-15s-12w Russell, KS**

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 49449

**DST#: 1**

ATTN: Jeff Lawler

Test Start: 2012.10.01 @ 00:17:57

**Tool Information**

Drill Pipe:	Length: 3027.00 ft	Diameter: 3.80 inches	Volume: 42.46 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: 42.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 25000.00 lb
Depth to Top Packer:	3034.00 ft			Final 25000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	91.00 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			3019.00	
Hydraulic tool	5.00			3024.00	
Packer	5.00			3029.00	20.00 Bottom Of Top Packer
Packer	5.00			3034.00	
Stubb	1.00			3035.00	
Perforations	1.00			3036.00	
Change Over Sub	1.00			3037.00	
Recorder	0.00	6752	Inside	3037.00	
Recorder	0.00	6741	Outside	3037.00	
Blank Spacing	63.00			3100.00	
Change Over Sub	1.00			3101.00	
Perforations	1.00			3102.00	
Bullnose	3.00			3105.00	71.00 Bottom Packers & Anchor

**Total Tool Length: 91.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Jason Oil Co. LLC

13-15s-12w Russell, KS

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 49449

DST#: 1

ATTN: Jeff Lawler

Test Start: 2012.10.01 @ 00:17:57

### 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:	9.16 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	VSOCM 2%O, 98%M	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

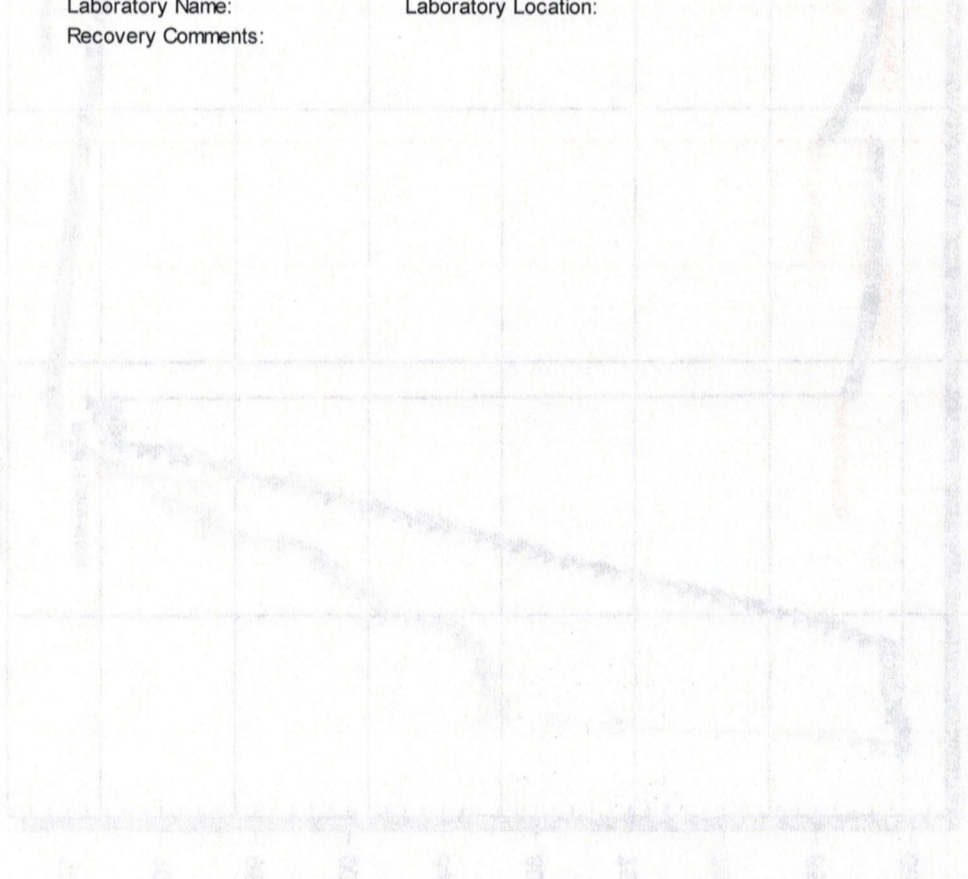
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





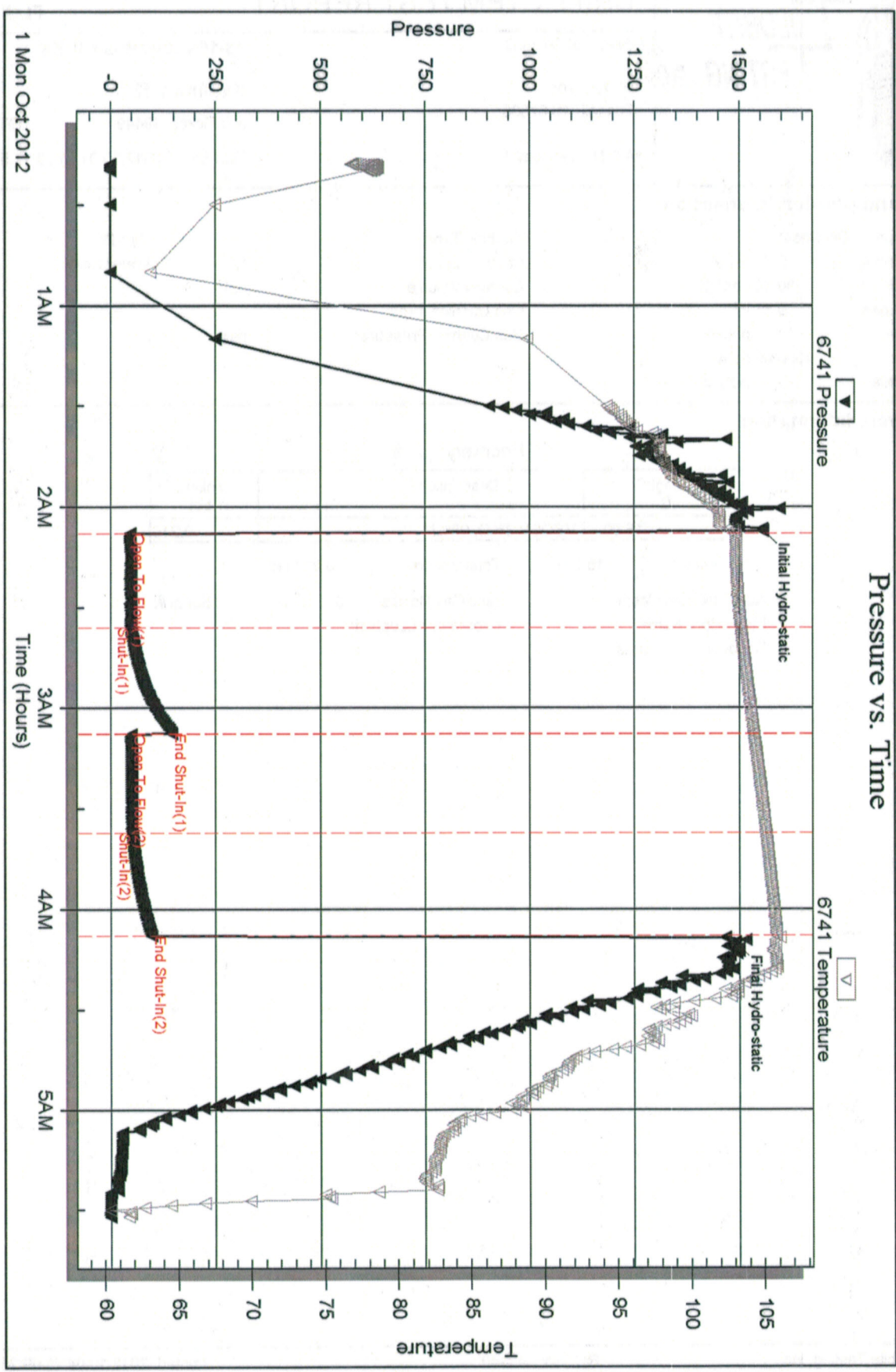
Serial #: 6741

Outside Jason Oil Co. LLC

Kaufman #2

DST Test Number: 1

### Pressure vs. Time



Serial #: 6752

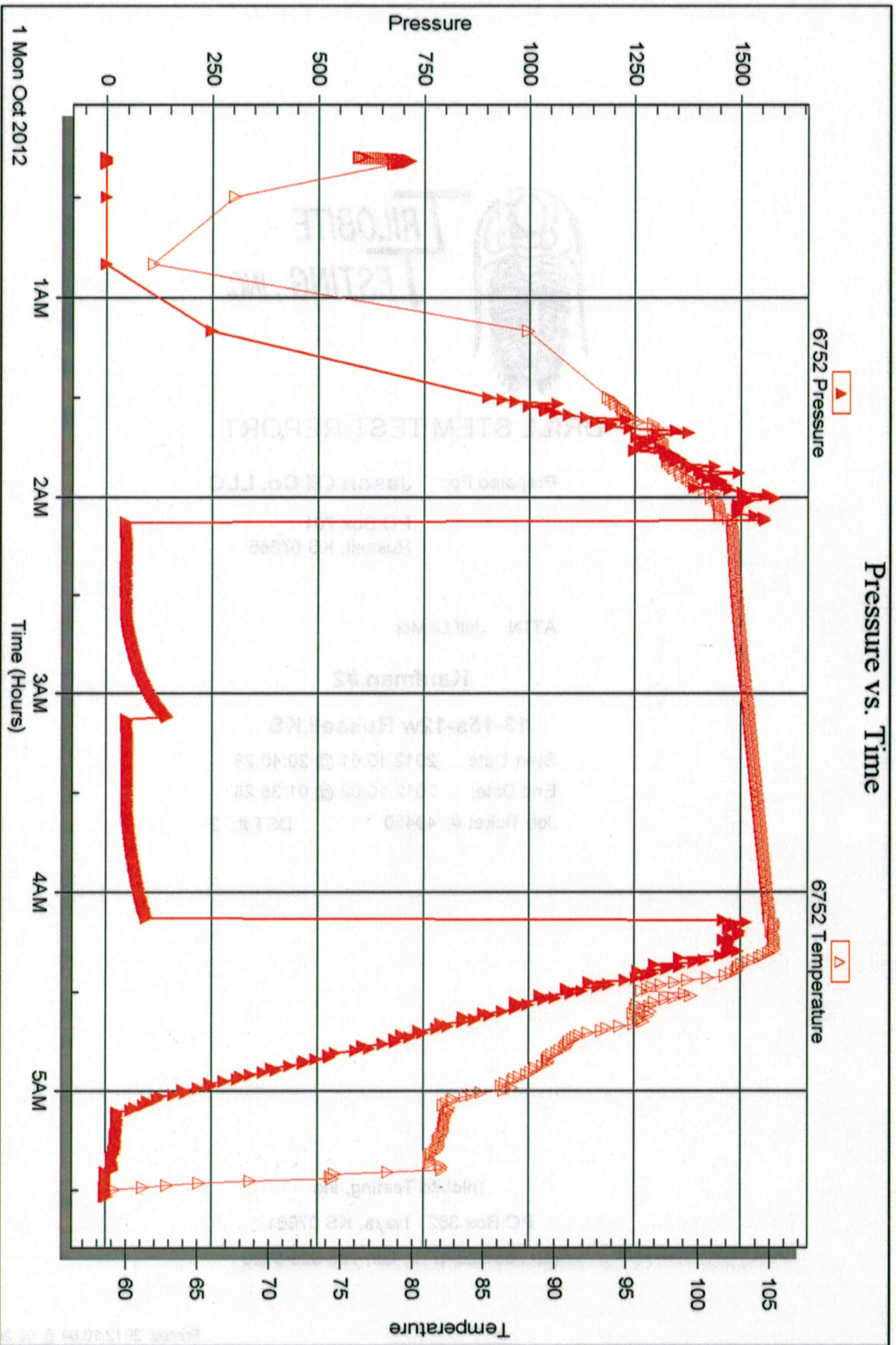
Inside

Jason Oil Co. LLC

Kaufman #2

DST Test Number: 1

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 49449

Printed: 2012.10.04 @ 09:26:59





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co. LLC**

PO Box 701  
Russell, KS 67665

ATTN: Jeff Lawler

### **Kaufman #2**

### **13-15s-12w Russell,KS**

Start Date: 2012.10.01 @ 20:40:28

End Date: 2012.10.02 @ 01:35:28

Job Ticket #: 49450                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.04 @ 09:26:09

Jason Oil Co. LLC

13-15s-12w Russell,KS

Kaufman #2

DST # 2

LKC "H-L"

2012.10.01





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Jason Oil Co. LLC

13-15s-12w Russell, KS

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 49450

DST#: 2

ATTN: Jeff Lawler

Test Start: 2012.10.01 @ 20:40:28

## GENERAL INFORMATION:

Formation: **LKC "H-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:04:08

Time Test Ended: 01:35:28

Test Type: Conventional Bottom Hole (Reset)

Tester: Brian Fairbank

Unit No: 41

Interval: **3170.00 ft (KB) To 3300.00 ft (KB) (TVD)**

Total Depth: 3300.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1879.00 ft (KB)

1870.00 ft (CF)

KB to GR/CF: 9.00 ft

**Serial #: 6752** Inside

Press@RunDepth: 77.65 psig @ 3176.00 ft (KB)

Start Date: 2012.10.01

End Date: 2012.10.02

Start Time: 20:40:29

End Time: 01:35:28

Capacity: 8000.00 psig

Last Calib.: 2012.10.02

Time On Btm: 2012.10.01 @ 22:03:08

Time Off Btm: 2012.10.02 @ 00:04:48

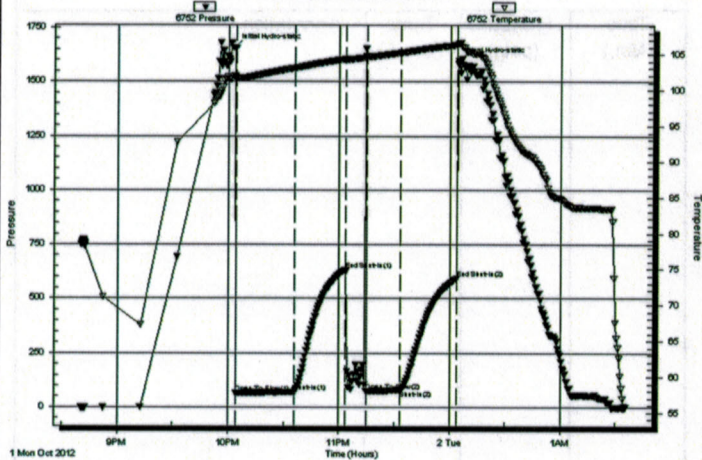
TEST COMMENT: IFP - weak blow throughout 1/2" - 1 1/4"

ISI - no blow back

FFP - no blow - flush - sur blow

FSI - no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1657.96	101.94	Initial Hydro-static
1	64.83	101.71	Open To Flow (1)
33	70.41	103.06	Shut-In(1)
61	633.70	104.32	End Shut-In(1)
72	74.52	104.60	Open To Flow (2)
90	77.65	105.22	Shut-In(2)
121	592.63	106.34	End Shut-In(2)
122	1594.93	106.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	DRL MUD 100%	0.42

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Jason Oil Co. LLC

**13-15s-12w Russell, KS**

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 49450

**DST#: 2**

ATTN: Jeff Lawler

Test Start: 2012.10.01 @ 20:40:28

### Tool Information

Drill Pipe:	Length: 3155.00 ft	Diameter: 3.80 inches	Volume: 44.26 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: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 44.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 28000.00 lb
Depth to Top Packer:	3170.00 ft			Final 28000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	130.00 ft			
Tool Length:	150.00 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			3155.00	
Hydraulic tool	5.00			3160.00	
Packer	5.00			3165.00	20.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Stubb	1.00			3171.00	
Perforations	4.00			3175.00	
Change Over Sub	1.00			3176.00	
Recorder	0.00	6752	Inside	3176.00	
Recorder	0.00	6741	Outside	3176.00	
Blank Spacing	95.00			3271.00	
Change Over Sub	1.00			3272.00	
Perforations	25.00			3297.00	
Bullnose	3.00			3300.00	130.00 Bottom Packers & Anchor

**Total Tool Length: 150.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Jason Oil Co. LLC

**13-15s-12w Russell,KS**

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 49450

**DST#: 2**

ATTN: Jeff Lawler

Test Start: 2012.10.01 @ 20:40:28

## 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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	DRL MUD 100%	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

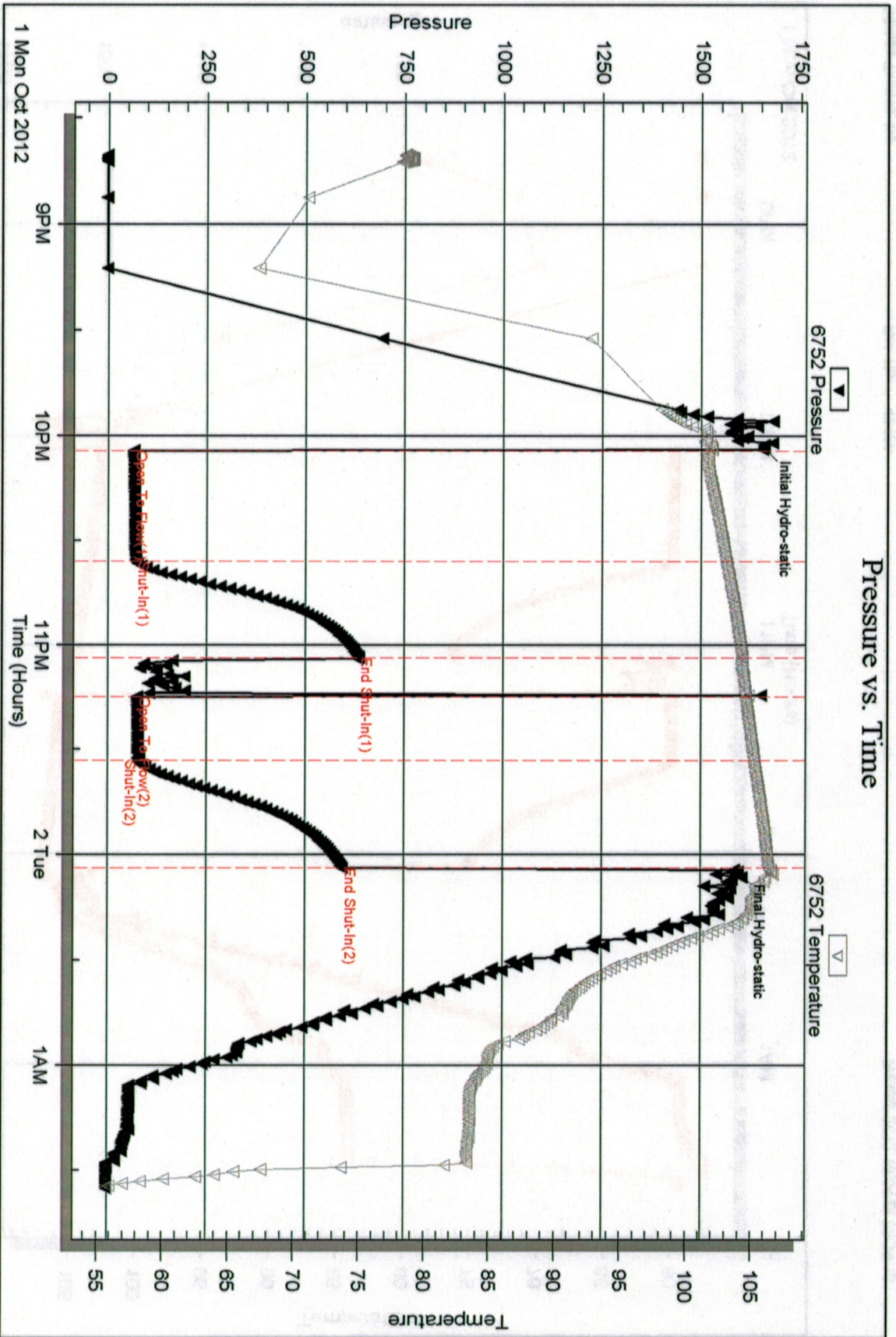
Inside

Jason Oil Co. LLC

Kaufman #2

DST Test Number: 2

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 49450

Printed: 2012.10.04 @ 09:26:13



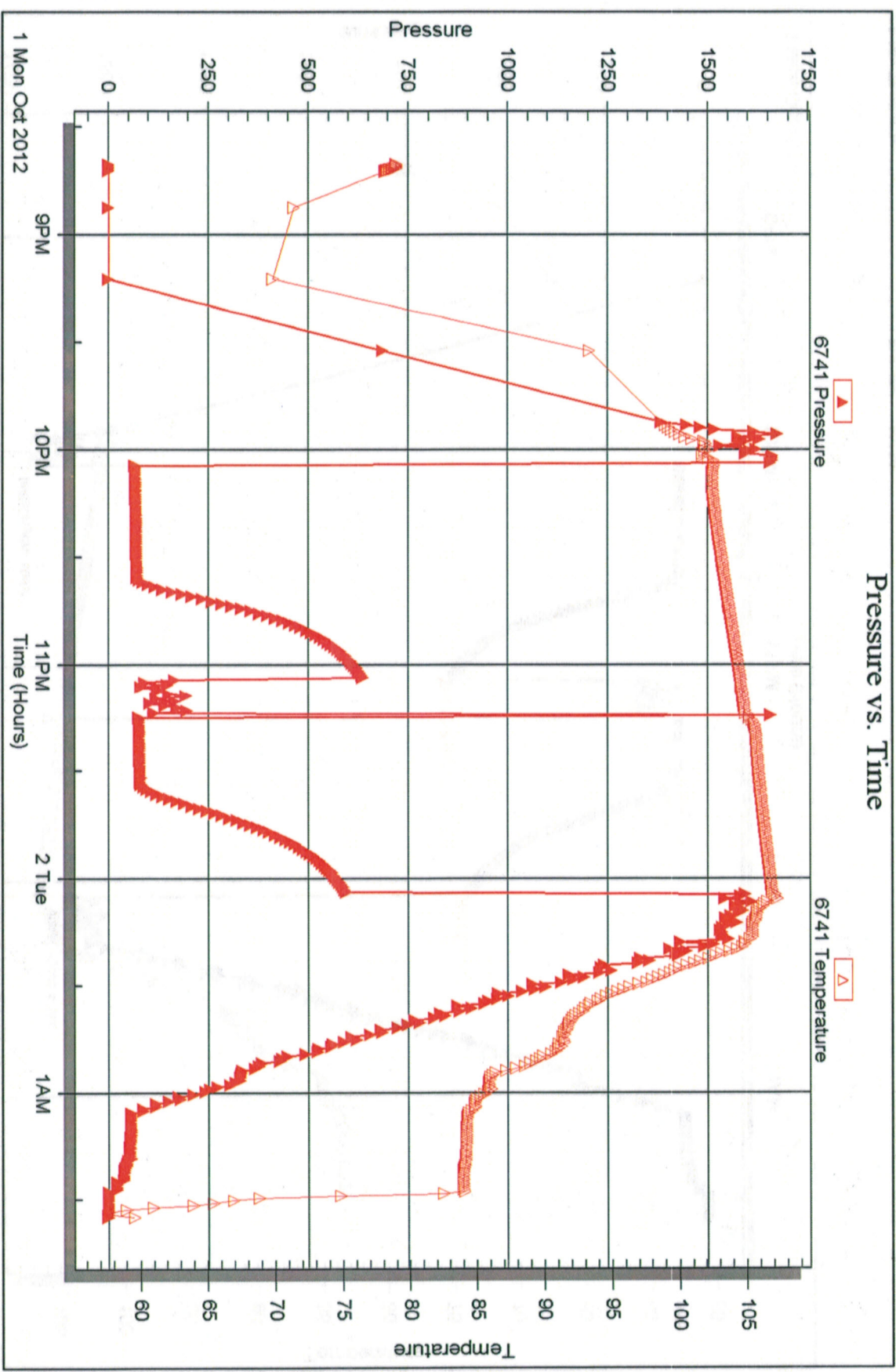
Serial #: 6741

Outside Jason Oil Co. LLC

Kaufman #2

DST Test Number: 2

### Pressure vs. Time







**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Jason Oil Co. LLC**

PO Box 701  
Russell, KS 67665

ATTN: Jeff Lawler

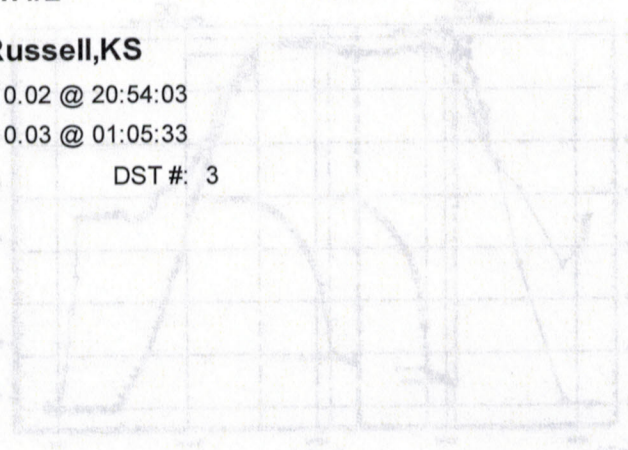
**Kaufman #2**

**13-15s-12w Russell,KS**

Start Date: 2012.10.02 @ 20:54:03

End Date: 2012.10.03 @ 01:05:33

Job Ticket #: 48626                      DST #: 3



Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Jason Oil Co. LLC

13-15s-12w Russell, KS

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 48626

DST#: 3

ATTN: Jeff Lawler

Test Start: 2012.10.02 @ 20:54:03

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:56:03

Time Test Ended: 01:05:33

Test Type: Conventional Straddle (Reset)

Tester: Brian Fairbank

Unit No: 41

Interval: **3325.00 ft (KB) To 3387.00 ft (KB) (TVD)**

Total Depth: 3421.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1879.00 ft (KB)

1870.00 ft (CF)

KB to GR/CF: 9.00 ft

## Serial #: 6752

Inside

Press@RunDepth: 248.71 psig @ 3333.00 ft (KB)

Start Date: 2012.10.02

End Date: 2012.10.03

Capacity: 8000.00 psig

Start Time: 20:54:04

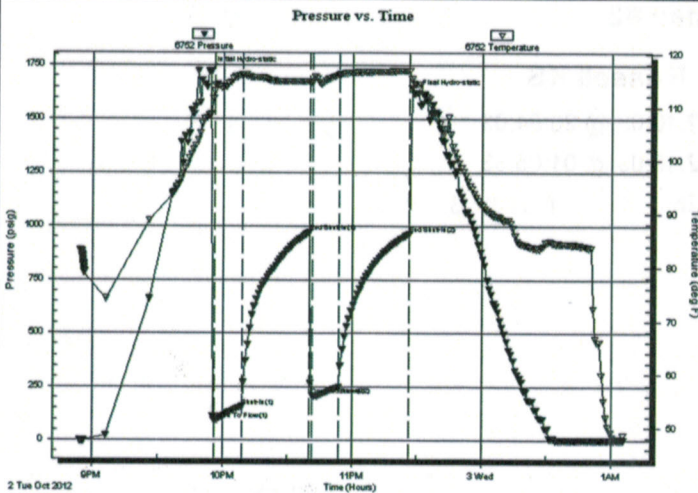
End Time: 01:05:33

Last Calib.: 2012.10.03

Time On Btm: 2012.10.02 @ 21:54:03

Time Off Btm: 2012.10.02 @ 23:29:03

TEST COMMENT: IFP - BOB 75 sec  
ISI - no blow back  
FFP - BOB 3 min  
FSI - no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.55	108.57	Initial Hydro-static
2	94.73	112.90	Open To Flow (1)
15	158.31	115.99	Shut-In(1)
46	970.40	114.79	End Shut-In(1)
48	210.62	114.66	Open To Flow (2)
60	248.71	116.07	Shut-In(2)
93	963.64	116.79	End Shut-In(2)
95	1621.88	114.28	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
155.00	MW 80%W, 20%M	2.17
90.00	WM 30%W, 70%M	1.26
230.00	DRL MUD w/ scum O 100%m	3.23

\* Recovery from multiple tests

## Gas Rates

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











**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Jason Oil Co. LLC

13-15s-12w Russell,KS

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 48626

**DST#: 3**

ATTN: Jeff Lawler

Test Start: 2012.10.02 @ 20:54:03

**Tool Information**

Drill Pipe:	Length: 3314.00 ft	Diameter: 3.80 inches	Volume: 46.49 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 32000.00 lb
			<b>Total Volume: 46.49 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 28000.00 lb
Depth to Top Packer:	3325.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	3387.00 ft			
Interval between Packers:	62.00 ft			
Tool Length:	121.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3310.00	
Hydraulic tool	5.00			3315.00	
Packer	5.00			3320.00	20.00 Bottom Of Top Packer
Packer	5.00			3325.00	
Stubb	1.00			3326.00	
Perforations	7.00			3333.00	
Recorder	0.00	6752	Inside	3333.00	
Recorder	0.00	6741	Outside	3333.00	
Change Over Sub	1.00			3334.00	
Blank Spacing	32.00			3366.00	
Change Over Sub	1.00			3367.00	
Perforations	15.00			3382.00	
Blank Off Sub	1.00			3383.00	
Blank Spacing	4.00			3387.00	62.00 Tool Interval
Packer	5.00			3392.00	
Stubb	1.00			3393.00	
Recorder	0.00	8734	Below	3393.00	
Change Over Sub	1.00			3394.00	
Blank Spacing	32.00			3426.00	39.00 Bottom Packers & Anchor

**Total Tool Length: 121.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Jason Oil Co. LLC

**13-15s-12w Russell,KS**

PO Box 701  
Russell, KS 67665

**Kaufman #2**

Job Ticket: 48626

**DST#: 3**

ATTN: Jeff Lawler

Test Start: 2012.10.02 @ 20:54:03

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 52.00 sec/qt  
Water Loss: 9.59 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 4000.00 ppm  
Filter Cake: inches

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

Oil API: deg API  
Water Salinity: 23000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
155.00	MW 80%W, 20%M	2.174
90.00	WM 30%W, 70%M	1.262
230.00	DRL MUD w / scum O 100%m	3.226

Total Length: 475.00 ft      Total Volume: 6.662 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6752

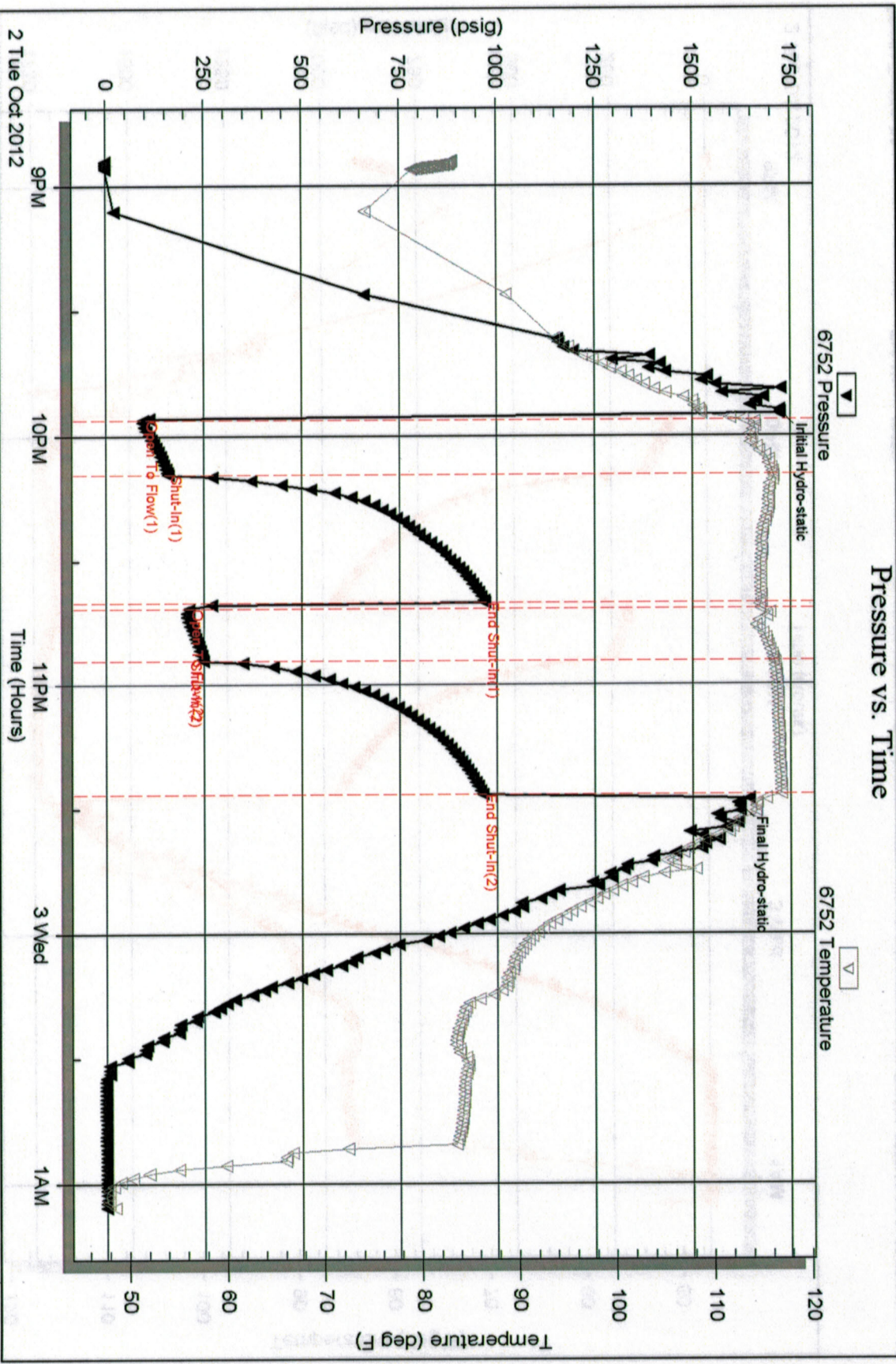
Inside

Jason Oil Co. LLC

Kaufman #2

DST Test Number: 3

### Pressure vs. Time



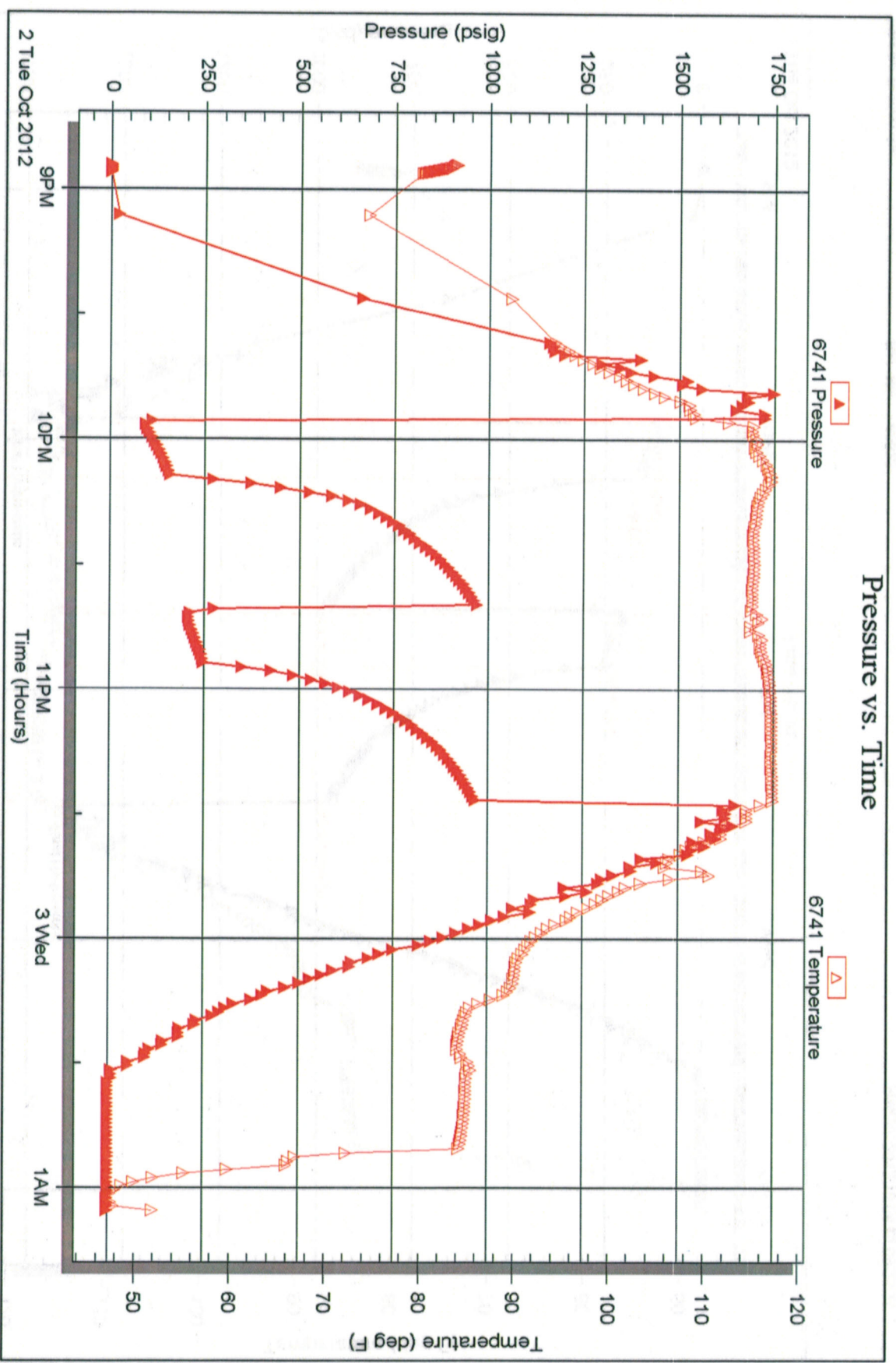


Serial #: 6741

Outside Jason Oil Co. LLC

Kaufman #2

DST Test Number: 3



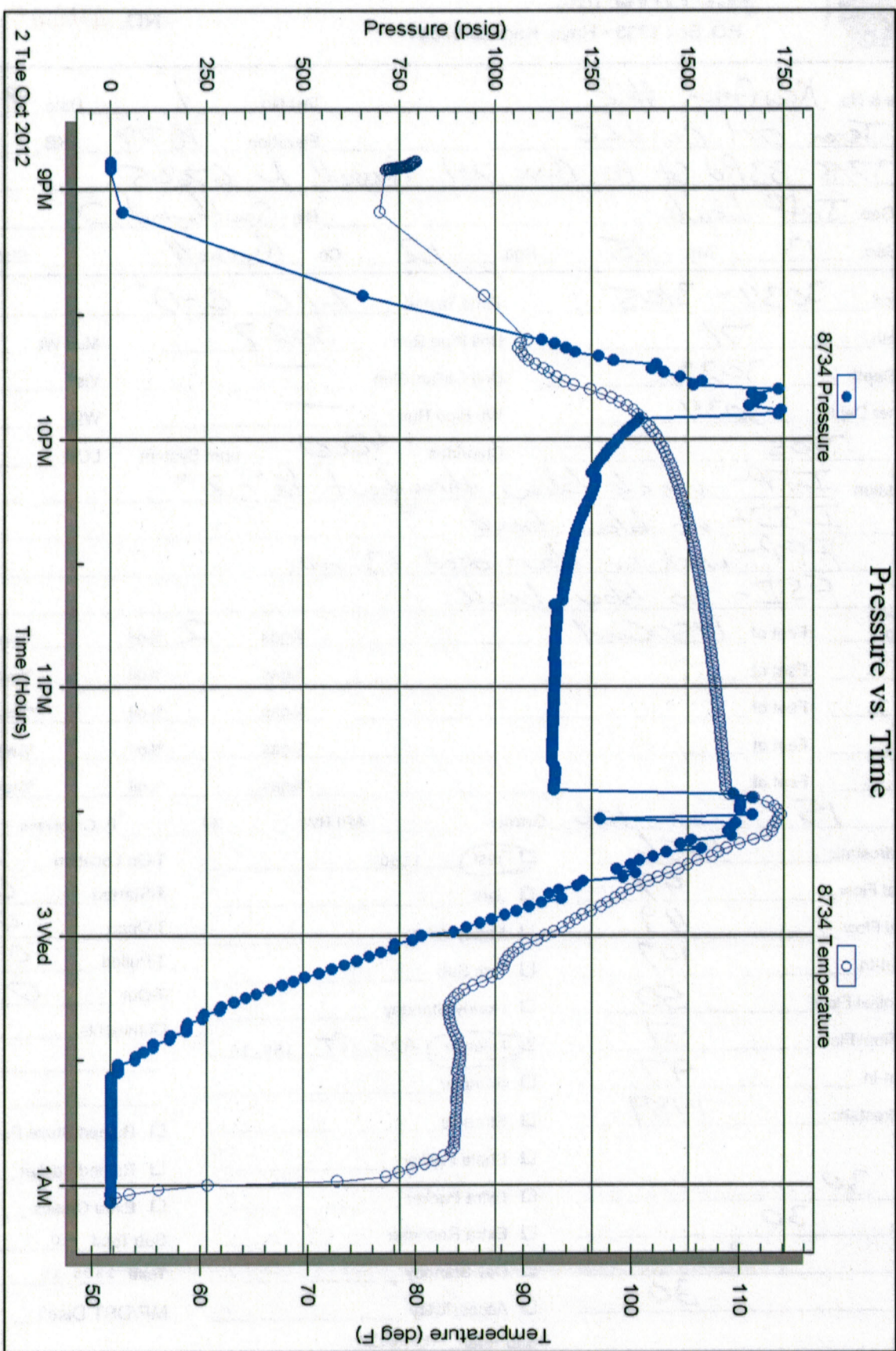
Serial #: 8734

Below (Straddler) Oil Co. LLC

Kaufman #2

DST Test Number: 3

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 48626

Printed: 2012.10.04 @ 09:25:22





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 49449

Well Name & No. Kaufman #2 Test No. 1 Date 9-30-12  
 Company Jason Oil Co. LLC Elevation 1879 KB 1870 GL  
 Address 3718-83RD St PO Box 701 Russell, K 67665  
 Co. Rep / Geo. Jeff Lawler Rig Southwind 2  
 Location: Sec. 13 Twp. 15 Rge. 12 Co. Russell State K

Interval Tested 3034-3105 Zone Tested LKC "B-D"  
 Anchor Length 71 Drill Pipe Run 3027 Mud Wt. 8.9  
 Top Packer Depth 3029 Drill Collars Run — Vis 50  
 Bottom Packer Depth 3034 Wt. Pipe Run — WL 9.2  
 Total Depth 3105 Chlorides 4000 ppm System LCM —

Blow Description IFP - weak blow throughout 1/2" - 2"  
ISI - no blow back  
FFP - weak sur blow - died 13 min  
FSI - no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>USOCM</u>	<u>2</u>		<u>98</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 15 BHT 106 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>1556</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>2252</u>
(B) First Initial Flow	<u>47</u>	<input type="checkbox"/> Jars		T-Started	<u>0017</u>
(C) First Final Flow	<u>49</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>0207</u>
(D) Initial Shut-In	<u>147</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>0407</u>
(E) Second Initial Flow	<u>50</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>0531</u>
(F) Second Final Flow	<u>51</u>	<input checked="" type="checkbox"/> Mileage	<u>102 RT</u> 158.10	Comments	
(G) Final Shut-In	<u>97</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1489</u>	<input type="checkbox"/> Straddle			

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1308.10  
 MP/DST Disc't —  
 Sub Total 1308.10

Approved By \_\_\_\_\_ Our Representative Brian Fairbank  
 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

## Test Ticket

NO. 49450

Well Name & No. Kaufman #2 Test No. 2 Date 10-1-12  
 Company Jason Oil Elevation 1879 KB 1870 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Jeff Lowler Rig Southwind 2  
 Location: Sec. 13 Twp. 15 Rge. 12 Co. Russell State K

Interval Tested 3270-3300 Zone Tested LKC "H-L"  
 Anchor Length 130 Drill Pipe Run 3155 Mud Wt. 9.2  
 Top Packer Depth 3265 Drill Collars Run — Vis 46  
 Bottom Packer Depth 3270 Wt. Pipe Run — WL 10.4  
 Total Depth 3300 Chlorides 5000 ppm System LCM \_\_\_\_\_  
 Blow Description IFP - weak blow throughout 1/2" - 1/4"  
ISI - no blow back  
FFP - no blow - flush - sur blow  
FSL - no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>del mud</u>			<u>100</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 30 BHT 106 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1658  Test 1150 T-On Location 2020  
 (B) First Initial Flow 65  Jars T-Started 2040  
 (C) First Final Flow 70  Safety Joint T-Open 2205  
 (D) Initial Shut-In 634  Circ Sub T-Pulled 0005  
 (E) Second Initial Flow 75  Hourly Standby T-Out 0137  
 (F) Second Final Flow 78  Mileage 158.10 Comments \_\_\_\_\_  
 (G) Final Shut-In 593  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1595  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Sub Total 1308.10  
 Total 1308.10  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Brian Fairbank

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48626

4/10

Well Name & No. Kaufman #2 Test No. 3 Date 10-2-12  
 Company Jasen Oil Elevation 1879 KB 1870 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Jeff Leuler Rig Southard 2  
 Location: Sec. 13 Twp. 15 Rge. 12 Co. Russell State Ks

Interval Tested 3325-3387 Zone Tested Arbuckle  
 Anchor Length 62 Drill Pipe Run 3314 Mud Wt. 9.3  
 Top Packer Depth 3220 Drill Collars Run \_\_\_\_\_ Vis 52  
 Bottom Packer Depth 3225 Wt. Pipe Run \_\_\_\_\_ WL 9.6  
 Total Depth 3421 Chlorides 4000 ppm System LCM \_\_\_\_\_

Blow Description IFP- BOB 75 sec  
ISI- no blow back  
FFP- BOB 15 min  
FSI- no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>230</u>	<u>dol mud w/ seam @</u>			<u>100</u>	
<u>90</u>	<u>WM</u>			<u>30</u>	<u>70</u>
<u>155</u>	<u>MW</u>			<u>80</u>	<u>20</u>
____	____			____	____
____	____			____	____

Rec Total 480 BHT 117 Gravity \_\_\_\_\_ API RW 417 @ 53 °F Chlorides 23,000 ppm

(A) Initial Hydrostatic <u>1725</u>	<input type="checkbox"/> Test 1150	T-On Location <u>1844</u>
(B) First Initial Flow <u>95</u>	<input type="checkbox"/> Jars _____	T-Started <u>2053</u>
(C) First Final Flow <u>158</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>2154</u>
(D) Initial Shut-In <u>970</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2324</u>
(E) Second Initial Flow <u>211</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0104</u>
(F) Second Final Flow <u>249</u>	<input checked="" type="checkbox"/> Mileage 158.10	Comments _____
(G) Final Shut-In <u>964</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1622</u>	<input checked="" type="checkbox"/> Straddle 600	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Flow <u>15</u>	<input type="checkbox"/> Day Standby _____	Total <u>1908.10</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1908.10</u>	

Approved By \_\_\_\_\_ Our Representative Brian Farball

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# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 746

Date	9-28-12	Sec.	13	Twp.	15	Range	12	County	Russell	State	KS	On Location		Finish	2:30AM	
Lease	Kaufman		Well No.	2		Location Michaels RDT 281 9E 2W 1E with										
Contractor	Southway P15 8							Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	Surface							Charge To Jason Oil								
Hole Size	17 1/4		T.D.	516												
Csg.	8 3/8		Depth	516												
Tbg. Size			Depth													
Tool			Depth													
Cement Left in Csg.	20ft		Shoe Joint	20ft		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line			Displace	31.5 BBL		Cement Amount Ordered 125 3% CC 1% gel										

**EQUIPMENT**

Pumptrk	15	No.	Cementer	Matt	Common
			Helper		
Bulktrk	8	No.	Driver	nick	Poz. Mix
			Driver		
Bulktrk	pu	No.	Driver	COOY	Gel.
			Driver		

**JOB SERVICES & REMARKS**

Remarks:	Calcium
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling
	Mileage

**FLOAT EQUIPMENT**

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Wood Plug
	Pumptrk Charge
	Mileage

	Tax
	Discount
	Total Charge

*[Signature]*



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5380

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-3-12	13	15	12	Russell	Ks		9:00 AM
Lease Kaufman		Well No. 2		Location 281 + Michaelis Rd, W to 148 <sup>th</sup> St, IN			
Contractor Southworth #2				Owner IF, 1 1/2 N, W15			
Type Job Plug				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 7 7/8"		T.D. 3420'		Charge To Jason oil			
Csg.		Depth		Street			
Tbg. Size 4 1/2" D.P.		Depth 3339'		City			
Tool		Depth		State			
Cement Left in Csg.		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace 1120/mud		Cement Amount Ordered 190 sx 60/40 4% Gel			
<b>EQUIPMENT</b>				1/4" Fl. - Seal			
Pumptrk 16	No.	Cementer Helper Travis		Common 1/4			
Bulktrk 8	No.	Driver Caplu		Poz. Mix 76			
Bulktrk pu.	No.	Driver Rick		Gel. 7			
<b>JOB SERVICES &amp; REMARKS</b>				Calcium			
Remarks:				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal 50#			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
3339' - 255x				Sand			
1470' - 255x				Handling 197			
565' - 100sx				Mileage			
40' - 10 sx w/ plug				<b>FLOAT EQUIPMENT</b>			
Rathole - 305x				Guide Shoe			
				Centralizer			
190 sx 60/40 4% Gel 1/4" Fl. - Seal				Baskets			
Cement dist Circulate				AFU Inserts			
				Float Shoe			
				Latch Down			
				1 - Dress hole plug			
				Pumptrk Charge plug			
				Mileage 21			
Signature <i>William Anderson</i>				Tax			
				Discount			
				Total Charge			