



## DRILL STEM TEST REPORT

Prepared For: **Jason Oil Co LLC**

PO Box 701  
Russell KS 67665

ATTN: Jim Schoenberger/Jef

**J. Schwien # 1**

**25-15s-14w Russell,KS**

Start Date: 2012.05.23 @ 14:11:00

End Date: 2012.05.23 @ 22:52:30

Job Ticket #: 47748                      DST #: 1

Trilobite Testing, Inc

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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Jason Oil Co LLC

**25-15s-14w Russell, KS**

PO Box 701  
Russell KS 67665

**J. Schvien # 1**

Job Ticket: 47748

**DST#: 1**

ATTN: Jim Schoenberger/Jef

Test Start: 2012.05.23 @ 14:11:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:42:30

Time Test Ended: 22:52:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

**Interval: 3278.00 ft (KB) To 3303.00 ft (KB) (TVD)**

Reference Elevations: 1871.00 ft (KB)

Total Depth: 3303.00 ft (KB) (TVD)

1863.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6755 Outside**

Press @ Run Depth: 318.39 psig @ 3279.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.23

End Date:

2012.05.23

Last Calib.:

2012.05.23

Start Time:

14:11:05

End Time:

22:52:30

Time On Btm:

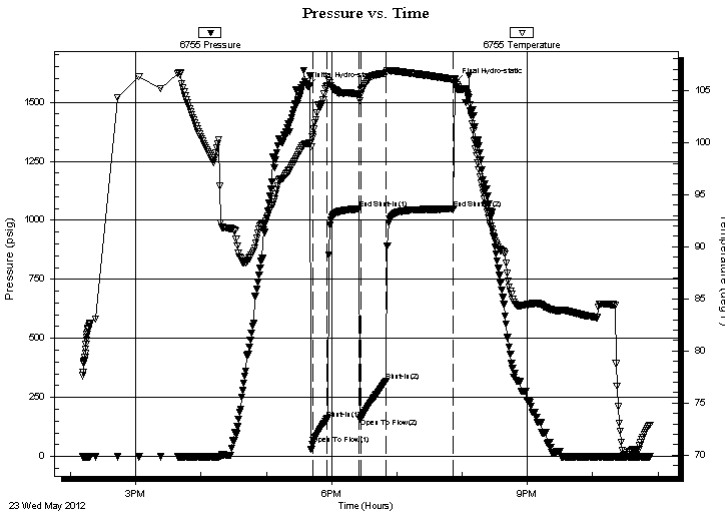
2012.05.23 @ 17:38:00

Time Off Btm:

2012.05.23 @ 19:53:30

**TEST COMMENT:** IF: Strong blow BOB 3 min  
IS: No blow back  
FF: Strong blow BOB 4 min  
FS: Weak blow back 1 1/2"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1568.15	99.90	Initial Hydro-static
5	51.61	100.76	Open To Flow (1)
18	156.93	105.33	Shut-In(1)
48	1047.69	104.62	End Shut-In(1)
49	161.90	104.61	Open To Flow (2)
72	318.39	106.65	Shut-In(2)
134	1047.60	106.03	End Shut-In(2)
136	1583.61	106.04	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
0.00	930 GIP	0.00
464.00	M,W Gassy Oil 5% mud 20% water 25% gas 6.51% O <sub>2</sub>	
310.00	Muddy Water 5% mud 95% water	4.35

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





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# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Jason Oil Co LLC

**25-15s-14w Russell,KS**

PO Box 701  
Russell KS 67665

**J. Schvien # 1**

Job Ticket: 47748

**DST#: 1**

ATTN: Jim Schoenberger/Jef

Test Start: 2012.05.23 @ 14:11:00

## Tool Information

Drill Pipe:	Length: 3284.00 ft	Diameter: 3.80 inches	Volume: 46.07 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 46.07 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3278.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3258.00	
Shut In Tool	5.00			3263.00	
Hydraulic tool	5.00			3268.00	
Packer	5.00			3273.00	21.00 Bottom Of Top Packer
Packer	5.00			3278.00	
Stubb	1.00			3279.00	
Recorder	0.00	6773	Outside	3279.00	
Recorder	0.00	6755	Outside	3279.00	
Perforations	21.00			3300.00	
Bullnose	3.00			3303.00	25.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>46.00</b>				



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Jason Oil Co LLC

**25-15s-14w Russell,KS**

PO Box 701  
Russell KS 67665

**J. Schvien # 1**

Job Ticket: 47748

**DST#: 1**

ATTN: Jim Schoenberger/Jef

Test Start: 2012.05.23 @ 14:11:00

## 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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	930 GIP	0.000
464.00	M,W Gassy Oil 5% mud 20% water 25% gas 5%	6.509
310.00	Muddy Water 5% mud 95% water	4.348

Total Length: 774.00 ft

Total Volume: 10.857 bbl

Num Fluid Samples: 0

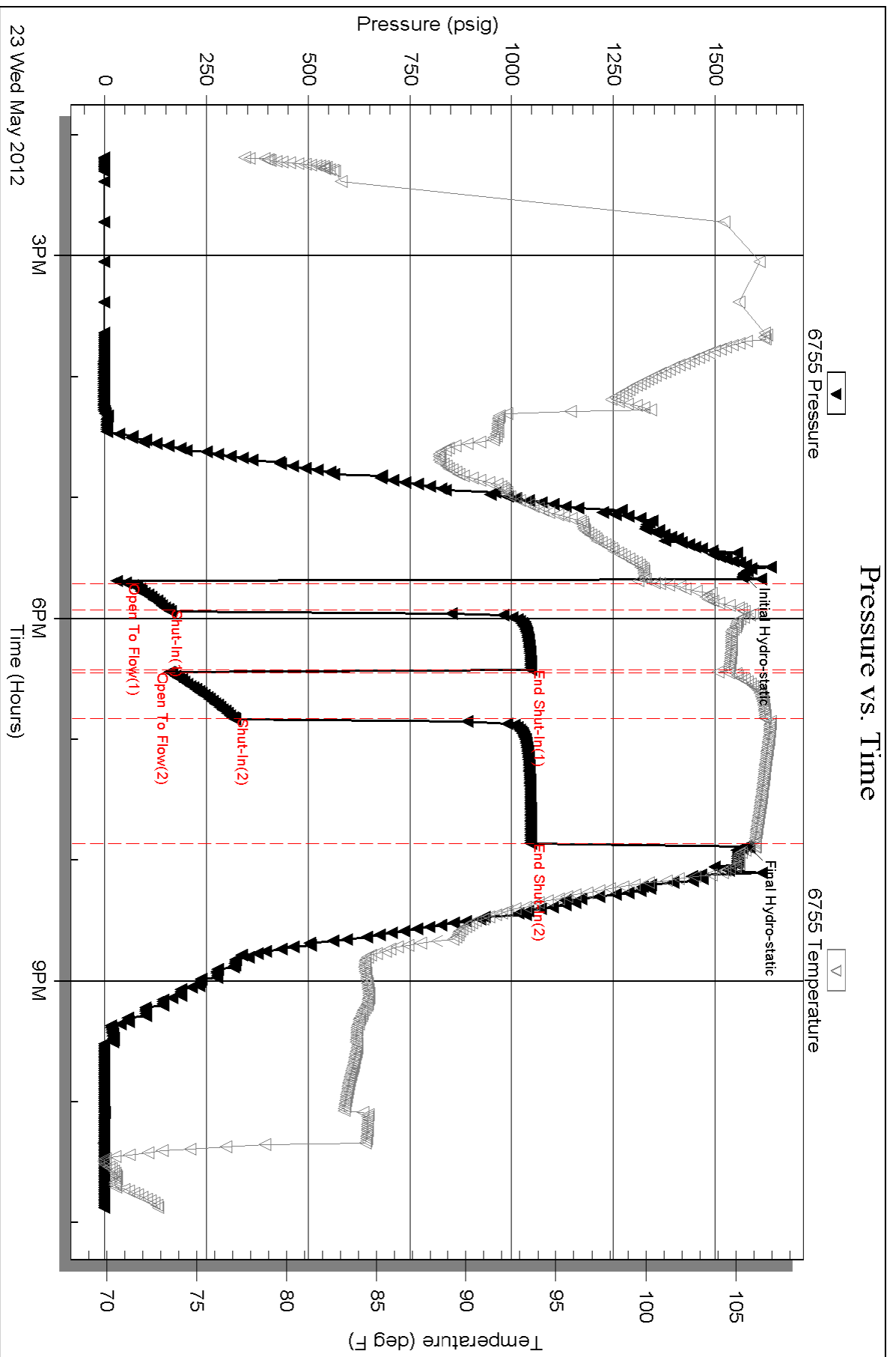
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

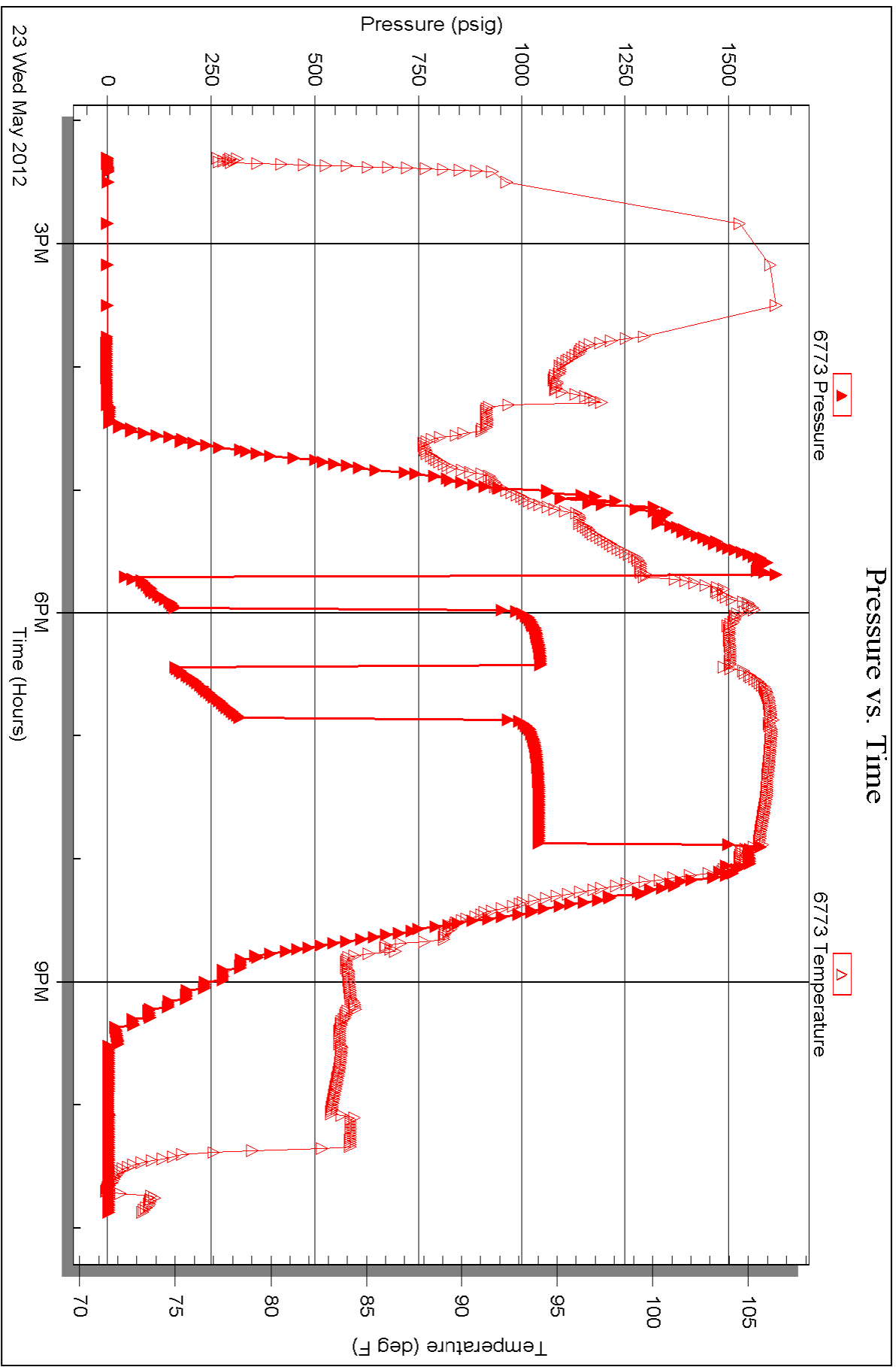


Serial #: 6773

Outside Jason Oil Co LLC

J. Schwien # 1

DST Test Number: 1





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47748

Well Name & No. J. Schwein #1 Test No. 1 Date 5-23-12  
 Company Jason oil company LLC Elevation 1871 KB 1863 GL  
 Address 3718 83<sup>RD</sup> ST Pobox 701 Russell KS 67665  
 Co. Rep / Geo. Jim Schoenberger/Jeff Lawler Rig Discovery DRLg #2  
 Location: Sec. 25 Twp. 15s Rge. 14w Co. Russell State KS

Interval Tested 3278 - 3303 Zone Tested ARBuckle  
 Anchor Length 25' Drill Pipe Run 3284 Mud Wt. 9.2  
 Top Packer Depth 3273 Drill Collars Run 0 Vis 47  
 Bottom Packer Depth 3278 Wt. Pipe Run 0 WL 9.6  
 Total Depth 3303 Chlorides 4000 ppm System LCM 1.5#

Blow Description IF: STRong blow BOB 3min  
ISI: ~~NO blow back~~ weak surface blow  
FF: STRong blow BOB 4min  
FSI weak blow back 1 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<del>464'</del>	<u>930' GFP</u>				
<u>464'</u>	<u>M, W gasy oil</u>	<u>25</u>	<u>50</u>	<u>20</u>	<u>5</u>
<u>310'</u>	<u>M, W</u>			<u>95</u>	<u>5</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 774' BHT 105 Gravity - API RW 08 @ 81 °F Chlorides 85,000 ppm

(A) Initial Hydrostatic 1568  Test 1150 T-On Location 13:30  
 (B) First Initial Flow 51  Jars \_\_\_\_\_ T-Started 14:11  
 (C) First Final Flow 156  Safety Joint \_\_\_\_\_ T-Open 17:42  
 (D) Initial Shut-In 1047  Circ Sub \_\_\_\_\_ T-Pulled 19:50  
 (E) Second Initial Flow 161  Hourly Standby \_\_\_\_\_ T-Out 22:30  
 (F) Second Final Flow 318  Mileage 55<sup>mi</sup> / 150 miles 85.25 Comments \_\_\_\_\_  
 (G) Final Shut-In 1047  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1583  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 15  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 30  Day Standby \_\_\_\_\_ Total 1235.25  
 Final Shut-In 60  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1235.25

Approved By [Signature] Our Representative [Signature]

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