



DRILL STEM TEST REPORT

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

PO Box 701
Russell KS 67665-0701

ATTN: Jeff Lawler

McCracken #2-3

3-16s-16w Rush,KS

Start Date: 2012.10.07 @ 01:03:05

End Date: 2012.10.07 @ 05:44:59

Job Ticket #: 49325 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Jason Oil Co. LLC
 PO Box 701
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 ATTN: Jeff Lawler

3-16s-16w Rush,KS
McCracken #2-3
 Job Ticket: 49325 **DST#: 1**
 Test Start: 2012.10.07 @ 01:03:05

GENERAL INFORMATION:

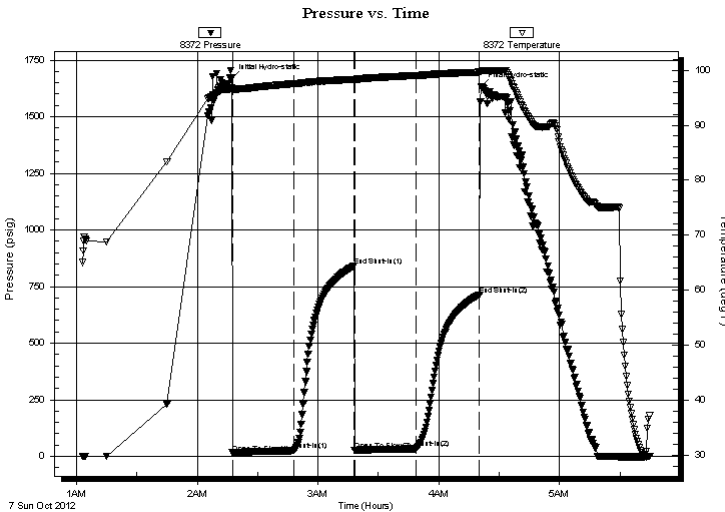
Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:17:30
 Time Test Ended: 05:44:59
Interval: 3355.00 ft (KB) To 3440.00 ft (KB) (TVD)
 Total Depth: 3440.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 1961.00 ft (KB)
 1956.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8372 Outside

Press @ Run Depth: 33.54 psig @ 3362.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.07 End Date: 2012.10.07 Last Calib.: 2012.10.07
 Start Time: 01:03:05 End Time: 05:44:59 Time On Btm: 2012.10.07 @ 02:17:00
 Time Off Btm: 2012.10.07 @ 04:21:00

TEST COMMENT: IF:(30min) Blow died in 27 min.
 IS:(30min) No Return
 FF:(30min) Surface blow, died in 12 min.
 FS:(30min) No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1668.20	96.84	Initial Hydro-static
1	15.69	96.15	Open To Flow (1)
32	25.52	97.54	Shut-In(1)
61	841.32	98.35	End Shut-In(1)
62	26.86	97.92	Open To Flow (2)
92	33.54	99.05	Shut-In(2)
124	714.17	99.65	End Shut-In(2)
124	1634.33	99.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud	0.49

Gas Rates

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



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TOOL DIAGRAM

Jason Oil Co. LLC
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3-16s-16w Rush,KS
McCracken #2-3
 Job Ticket: 49325 **DST#: 1**
 Test Start: 2012.10.07 @ 01:03:05

Tool Information

Drill Pipe:	Length: 3350.00 ft	Diameter: 3.80 inches	Volume: 46.99 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 36000.00 lb
			<u>Total Volume: 46.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3355.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.00 ft			
Tool Length:	105.00 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			3336.00	
Shut In Tool	5.00			3341.00	
Hydraulic tool	5.00			3346.00	
Packer	5.00			3351.00	20.00 Bottom Of Top Packer
Packer	4.00			3355.00	
Stubb	1.00			3356.00	
Perforations	5.00			3361.00	
Change Over Sub	1.00			3362.00	
Recorder	0.00	8017	Inside	3362.00	
Recorder	0.00	8372	Outside	3362.00	
Drill Pipe	62.00			3424.00	
Change Over Sub	1.00			3425.00	
Perforations	12.00			3437.00	
Bullnose	3.00			3440.00	85.00 Bottom Packers & Anchor

Total Tool Length: 105.00



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FLUID SUMMARY

Jason Oil Co. LLC
 PO Box 701
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 ATTN: Jeff Lawler

3-16s-16w Rush,KS
McCracken #2-3
 Job Ticket: 49325 **DST#: 1**
 Test Start: 2012.10.07 @ 01:03:05

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: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	Mud	0.491

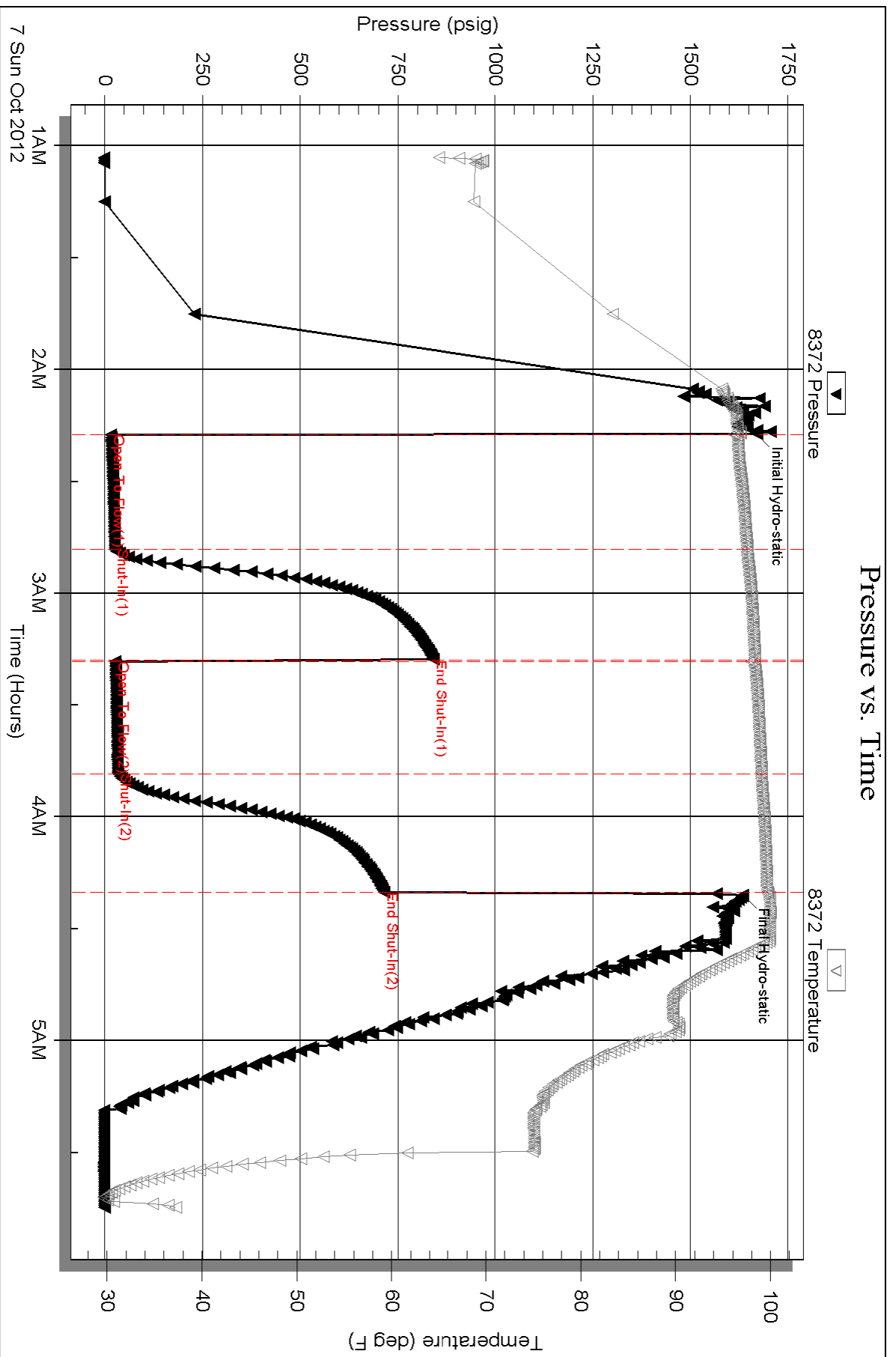
Total Length: 35.00 ft Total Volume: 0.491 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8372

Outside Jason Oil Co. LLC

McCracken #2-3

DST Test Number: 1



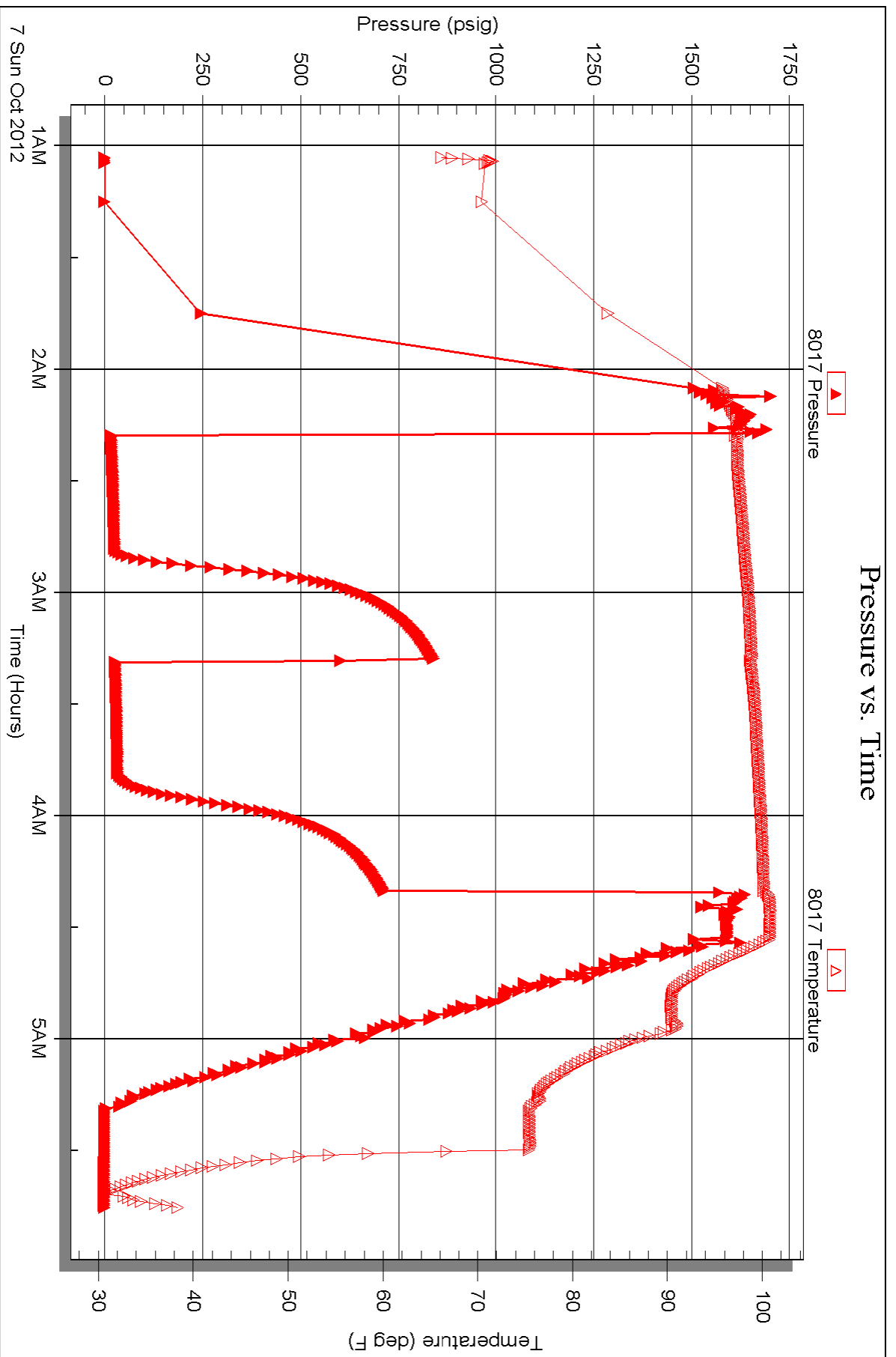
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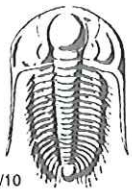
Inside

Jason Oil Co. LLC

McCracken #2-3

DST Test Number: 1





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49325

Well Name & No. McCracken #2-3 Test No. 1 Date 10-6-12
 Company JASON OIL CO LLC Elevation 1961 KB 1956 GL
 Address 378 83rd st. PO BOX 701 Russell Ks. 67665+0701
 Co. Rep / Geo. JEFF LAWLER Rig Royal 1
 Location: Sec. 3 Twp. 16 S Rge. 16 W Co. Rush State Ks

Interval Tested 3355-3440 Zone Tested LKC
 Anchor Length 85' Drill Pipe Run 3350 Mud Wt. 9.2
 Top Packer Depth 3350 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 3355 Wt. Pipe Run 0 WL 7.2
 Total Depth 3440 Chlorides 1000 ppm System LCM 0
 Blow Description IF: Blow Died in 27min
ISI: NO Return
FF: Surface blow died in 12min.
FSI: NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>Mud</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 35' BHT 99° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1668 Test 1150 T-On Location 23:33
 (B) First Initial Flow 15 Jars _____ T-Started 01:03
 (C) First Final Flow 25 Safety Joint _____ T-Open 02:18
 (D) Initial Shut-In 841 Circ Sub _____ T-Pulled 04:18
 (E) Second Initial Flow 26 Hourly Standby _____ T-Out 05:45
 (F) Second Final Flow 33 Mileage 60 RT 93 Comments _____
 (G) Final Shut-In 714 Sampler _____
 (H) Final Hydrostatic 1634 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1243
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1243

Approved By _____ Our Representative [Signature]

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