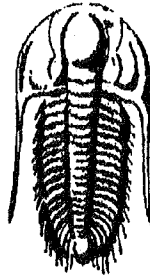


15-167-23598

22-14s-13w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company, LLC**

3718 83rd Street
Russell, Ks. 67665

ATTN: Randy Kilian

22 14s13w Russell KS

Rein #2 'A'

Start Date: 2009.10.02 @ 03:54:28

End Date: 2009.10.02 @ 10:14:28

Job Ticket #: 35262 DST #: 1

15-167-2359 8-0000

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Jason Oil Company, LLC

Rein #2 'A'

22 14s13w Russell KS

DST # 1

LKC-"B-C"

2009.10.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Jason Oil Company, LLC

3718 83rd Street
Russell, Ks. 67665

ATTN: Randy Kilian

Rein #2

22 14s13w Russell KS

Job Ticket: 35262

DST#: 1

Test Start: 2009.10.02 @ 03:54:28

GENERAL INFORMATION:

Formation: LKC-"B-C"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:09:28

Time Test Ended: 10:14:28

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 2887.00 ft (KB) To 2926.00 ft (KB) (TVD)

Total Depth: 2926.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1742.00 ft (KB)

1735.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8360

Inside

Press@RunDepth: 26.21 psig @ 2891.00 ft (KB)

Start Date: 2009.10.02

End Date:

2009.10.02

Start Time: 03:54:30

End Time:

10:14:28

Capacity: 8000.00 psig

Last Calib.: 2009.10.02

Time On Btm: 2009.10.02 @ 05:08:58

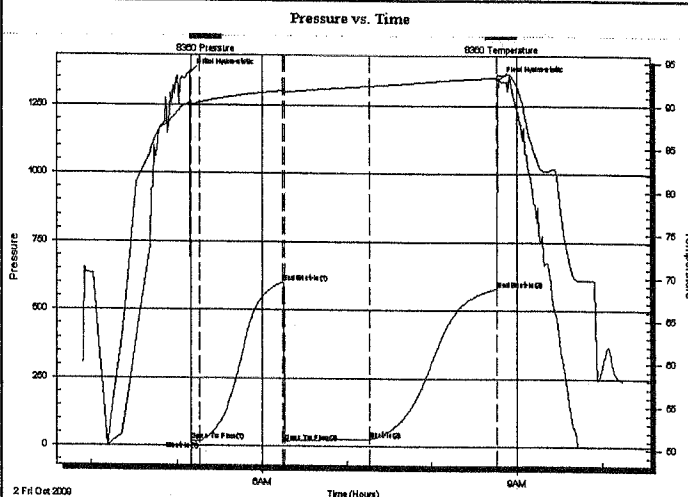
Time Off Btm: 2009.10.02 @ 08:47:28

TEST COMMENT: IFP-Weak, Built to 2"

ISI-Dead

FFP-Weak, Built to 4-1/2"

FSI-Dead



PRESSURE SUMMARY

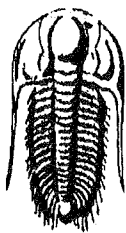
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1366.18	90.27	Initial Hydro-static
1	17.93	89.89	Open To Flow (1)
7	16.96	90.24	Shut-In (1)
66	601.99	91.64	End Shut-In (1)
67	17.20	91.46	Open To Flow (2)
127	26.21	92.23	Shut-In (2)
217	580.45	93.26	End Shut-In (2)
219	1345.05	93.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud W/Oil Specks	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Company, LLC

Rein #2

3718 83rd Street
Russell, Ks. 67665

22 14s13w Russell KS

Job Ticket: 35262

DST#: 1

ATTN: Randy Kilian

Test Start: 2009.10.02 @ 03:54:28

Tool Information

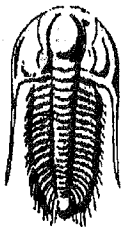
Drill Pipe:	Length: 2877.00 ft	Diameter: 3.80 inches	Volume: 40.36 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	36000.00 lb
			<u>Total Volume: 40.36 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	34000.00 lb
Depth to Top Packer:	2887.00 ft			Final	34000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	60.00 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			2867.00	
Shut In Tool	5.00			2872.00	
Hydraulic tool	5.00			2877.00	
Packer	5.00			2882.00	21.00 Bottom Of Top Packer
Packer	5.00			2887.00	
Stubb	1.00			2888.00	
Perforations	3.00			2891.00	
Recorder	0.00	8360	Inside	2891.00	
Change Over Sub	1.00			2892.00	
Recorder	0.00	6755	Inside	2892.00	
Blank Spacing	30.00			2922.00	
Change Over Sub	1.00			2923.00	
Bullnose	3.00			2926.00	39.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jason Oil Company, LLC

Rein #2

3718 83rd Street
Russell, Ks. 67665

22 14s13w Russell KS

Job Ticket: 35262

DST#: 1

ATTN: Randy Kilian

Test Start: 2009.10.02 @ 03:54:28

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Mud W/Oil Specks	0.421

Total Length: 30.00 ft

Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

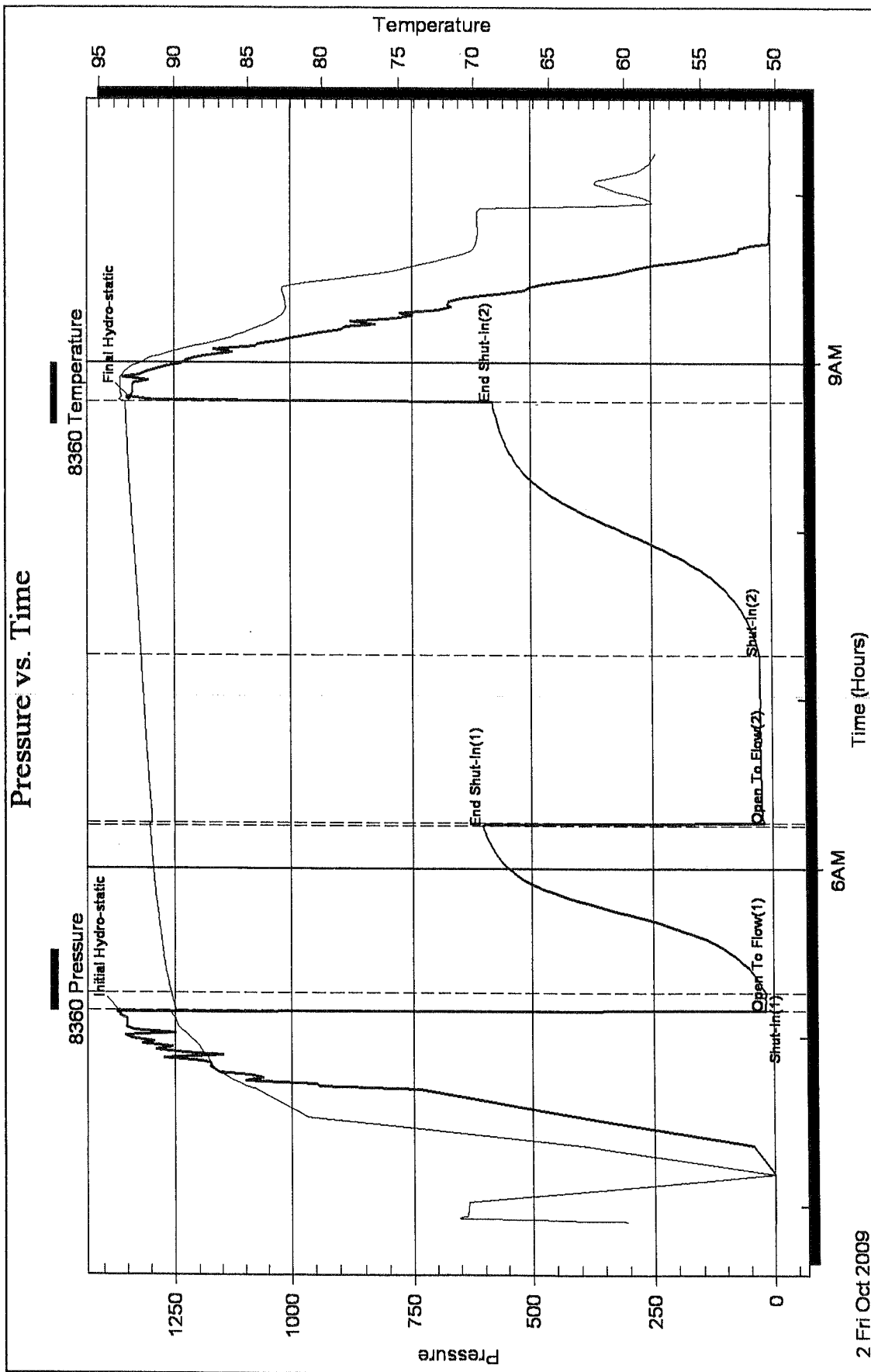
Serial #:

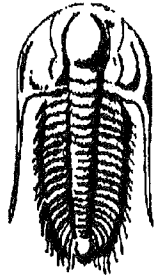
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Jason Oil Company, LLC**

3718 83rd Street
Russell, Ks. 67665

ATTN: Randy Kilian

22 14s13w Russell KS

Rein #2

Start Date: 2009.10.03 @ 09:46:05

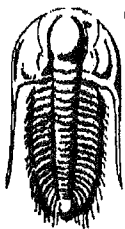
End Date: 2009.10.03 @ 16:39:05

Job Ticket #: 35263 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Jason Oil Company, LLC

3718 83rd Street
Russell, Ks. 67665

ATTN: Randy Kilian

Rein #2

22 14s13w Russell KS

Job Ticket: 35263

DST#: 2

Test Start: 2009.10.03 @ 09:46:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:17:05

Time Test Ended: 16:39:05

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3143.00 ft (KB) To 3182.00 ft (KB) (TVD)**

Total Depth: 3182.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1742.00 ft (KB)

1735.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8360

Inside

Press@RunDepth: 81.16 psig @ 3147.00 ft (KB)

Start Date: 2009.10.03

End Date:

2009.10.03

Capacity:

8000.00 psig

Start Time: 09:46:07

End Time:

16:39:05

Last Calib.:

2009.10.03

Time On Btm: 2009.10.03 @ 11:16:35

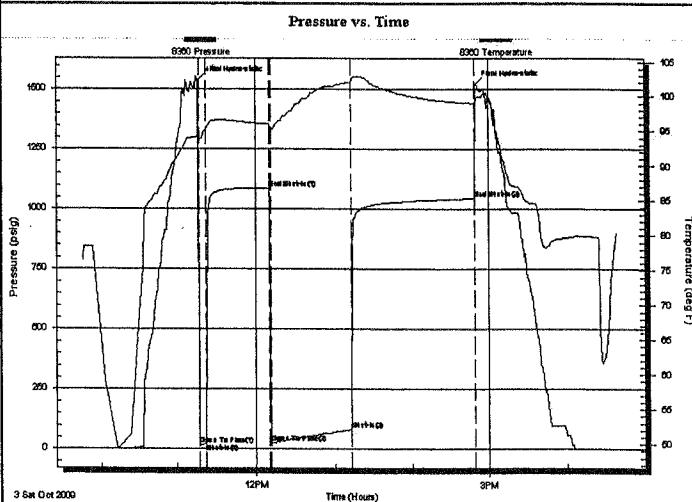
Time Off Btm: 2009.10.03 @ 14:49:35

TEST COMMENT: IFP-Blow Built to 1-3/4"

ISI-Dead

FFP-Blow Built to BOB in 30 Min.

FSI-Very Weak Surface Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1536.95	94.25	Initial Hydro-static
1	16.16	93.64	Open To Flow (1)
6	21.77	95.19	Shut-In (1)
54	1087.87	95.95	End Shut-In (1)
55	24.16	95.51	Open To Flow (2)
116	81.16	102.07	Shut-In (2)
213	1045.44	99.01	End Shut-In (2)
213	1520.79	99.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	Clean Oil	1.47
75.00	MCO-60%O-40%M	1.05

Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Jason Oil Company, LLC

Rein #2

3718 83rd Street
Russell, Ks. 67665

22 14s13w Russell KS

Job Ticket: 35263

DST#: 2

ATTN: Randy Kilian

Test Start: 2009.10.03 @ 09:46:05

Tool Information

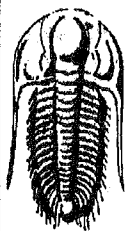
Drill Pipe:	Length: 3154.00 ft	Diameter: 3.80 inches	Volume: 44.24 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	45000.00 lb
		Total Volume:	44.24 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3143.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	39.00 ft				
Tool Length:	60.00 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			3123.00	
Shut In Tool	5.00			3128.00	
Hydraulic tool	5.00			3133.00	
Packer	5.00			3138.00	21.00 Bottom Of Top Packer
Packer	5.00			3143.00	
Stubb	1.00			3144.00	
Perforations	3.00			3147.00	
Recorder	0.00	8360	Inside	3147.00	
Change Over Sub	1.00			3148.00	
Recorder	0.00	6755	Inside	3148.00	
Blank Spacing	29.00			3177.00	
Change Over Sub	1.00			3178.00	
Perforations	1.00			3179.00	
Bullnose	3.00			3182.00	39.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Jason Oil Company, LLC

Rein #2

3718 83rd Street
Russell, Ks. 67665

22 14s13w Russell KS

Job Ticket: 35263

DST#: 2

ATTN: Randy Kilian

Test Start: 2009.10.03 @ 09:46:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

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
105.00	Clean Oil	1.473
75.00	MCO-60%O-40%M	1.052

Total Length: 180.00 ft

Total Volume: 2.525 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

