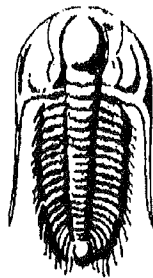


24-10s-31w

CONFIDENTIAL

JUN 8 0 2009

KCC



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield, IL
60544

15-193-20761

ATTN: Steve Angel

24-10-31 Thomas KS

Bixenman #1-24

Start Date: 2009.04.11 @ 07:00:20

End Date: 2009.04.11 @ 13:50:44

Job Ticket #: 33339 DST #: 1

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KCC WICHITA

KGS LIBRARY

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Russell Oil Inc

Bixenman #1-24

24-10-31 Thomas KS

DST # 1

KC

2009.04.11

24-10s-31w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil Inc

PO Box 1469
Plainfield, IL
60544
ATTN: Steve Angel

Bixenman #1-24

24-10-31 Thomas KS

Job Ticket: 33339

DST#: 1

Test Start: 2009.04.11 @ 07:00:20

GENERAL INFORMATION:

Formation: **KC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 09:07:00

Time Test Ended: 13:50:44

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: **4118.00 ft (KB) To 4164.00 ft (KB) (TVD)**

Total Depth: **4164.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2921.00 ft (KB)**

2912.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 6771

Outside

Press@RunDepth: **26.70 psig @ 4119.00 ft (KB)**

Start Date: **2009.04.11**

End Date: **2009.04.11**

Capacity: **7000.00 psig**

Last Calib.: **2009.04.11**

Start Time: **07:00:20**

End Time: **13:07:44**

Time On Btm: **2009.04.11 @ 09:06:45**

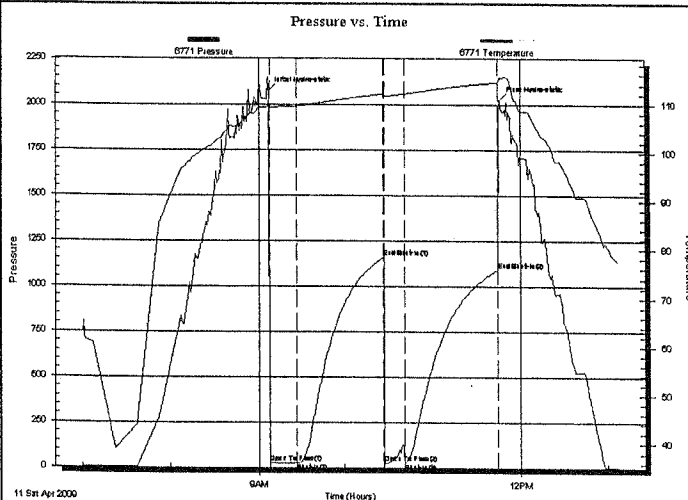
Time Off Btm: **2009.04.11 @ 11:46:00**

TEST COMMENT: **1/4" in @ open died in 8 min. Flush tool, good surge, no blow**

No return

No blow

No return



PRESSURE SUMMARY

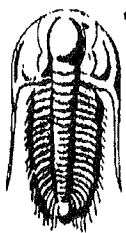
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2073.77	110.00	Initial Hydro-static
1	24.27	108.89	Open To Flow (1)
19	25.00	109.61	Shut-In(1)
81	1156.90	112.15	End Shut-In(1)
81	26.08	111.75	Open To Flow (2)
96	26.70	112.16	Shut-In(2)
158	1087.78	114.58	End Shut-In(2)
160	2022.74	115.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.03

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

Bixenman #1-24

PO Box 1469

24-10-31 Thomas KS

Plainfield ,IL

Job Ticket: 33339

DST#: 1

60544

ATTN: Steve Angel

Test Start: 2009.04.11 @ 07:00:20

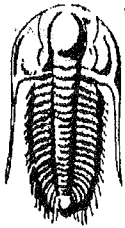
Tool Information

Drill Pipe:	Length: 4098.00 ft	Diameter: 3.80 inches	Volume: 57.48 bbl	Tool Weight:	1500.00 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:	60000.00 lb		
			Total Volume:	57.48 bbl	Tool Chased	0.00 ft	
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	44000.00 lb	Final	44000.00 lb
Depth to Top Packer:	4118.00 ft						
Depth to Bottom Packer:	ft						
Interval between Packers:	46.00 ft						
Tool Length:	73.00 ft						
Number of Packers:	2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4092.00	
Shut In Tool	5.00			4097.00	
Hydraulic tool	5.00			4102.00	
Jars	5.00			4107.00	
Safety Joint	2.00			4109.00	
Packer	5.00			4114.00	27.00 Bottom Of Top Packer
Packer	4.00			4118.00	
Stubb	1.00			4119.00	
Recorder	0.00	6667	Inside	4119.00	
Recorder	0.00	6771	Outside	4119.00	
Perforations	7.00			4126.00	
Change Over Sub	1.00			4127.00	
Drill Pipe	31.00			4158.00	
Change Over Sub	1.00			4159.00	
Bullnose	5.00			4164.00	46.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Bixenman #1-24

PO Box 1469
Plainfield ,IL
60544

24-10-31 Thomas KS

Job Ticket: 33339

DST#: 1

ATTN: Steve Angel

Test Start: 2009.04.11 @ 07:00:20

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% _m	0.028

Total Length: 2.00 ft

Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

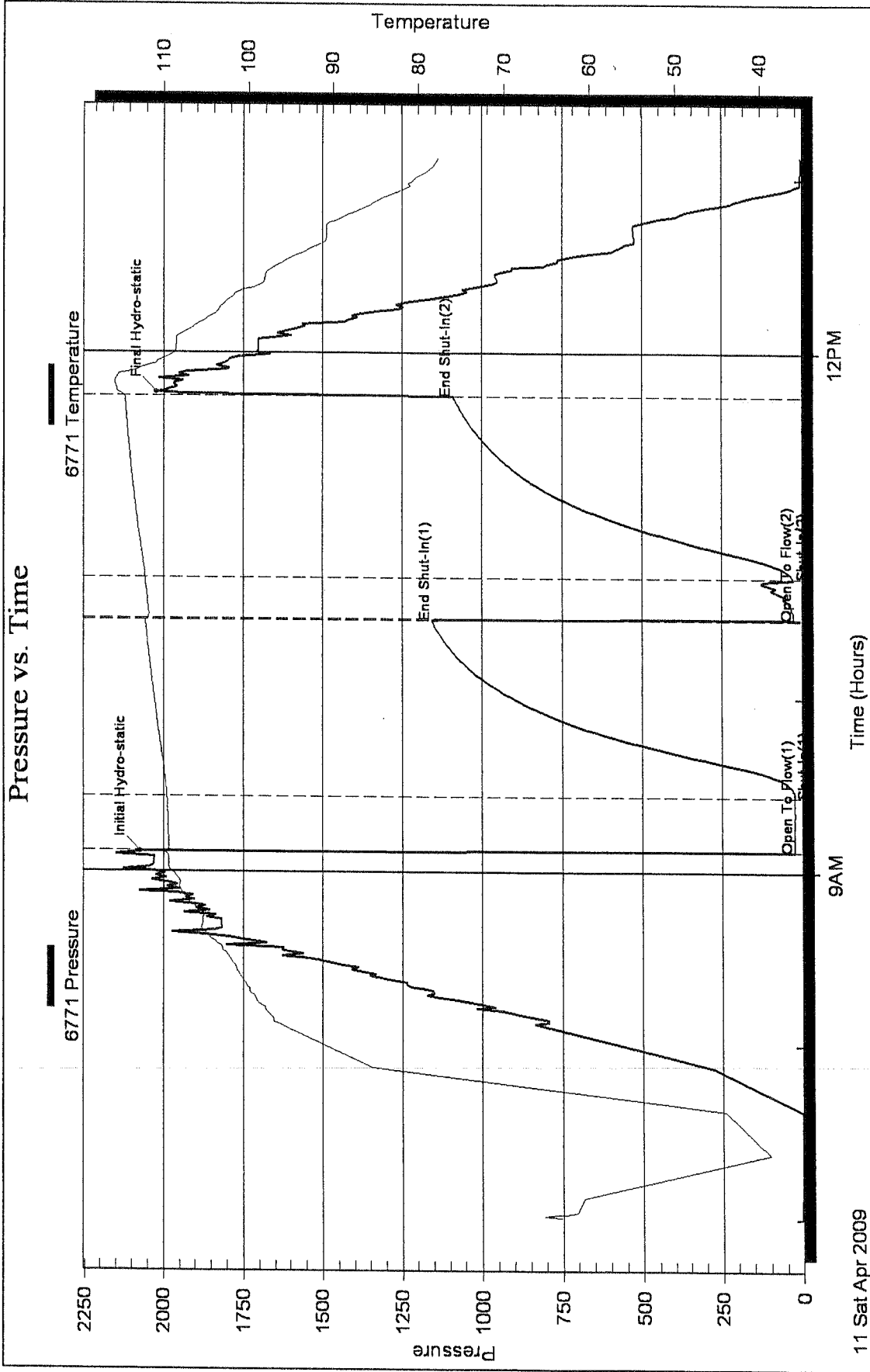
Serial #:

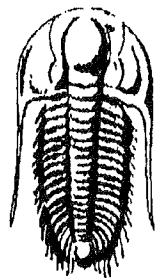
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield ,IL
60544

ATTN: Steve Angel

24-10-31 Thomas KS

Bixenman #1-24

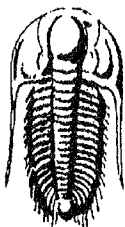
Start Date: 2009.04.12 @ 03:22:20

End Date: 2009.04.12 @ 09:10:14

Job Ticket #: 34274 DST #: 2

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KCC WICHITA

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc

PO Box 1469

Plainfield, IL

60544

ATTN: Steve Angel

Bixenman #1-24

24-10-31 Thomas KS

Job Ticket: 34274

DST#: 2

Test Start: 2009.04.12 @ 03:22:20

GENERAL INFORMATION:

Formation: **Lansing J&K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:47:15

Time Test Ended: 09:10:14

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4164.00 ft (KB) To 4225.00 ft (KB) (TVD)**

Total Depth: 4225.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2921.00 ft (KB)

2912.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6772

Inside

Press@RunDepth: 22.37 psig @ 4165.00 ft (KB)

Start Date: 2009.04.12 End Date: 2009.04.12

Start Time: 03:22:20 End Time: 09:10:14

Capacity: 7000.00 psig

Last Calib.: 2009.04.12

Time On Btm: 2009.04.12 @ 04:46:00

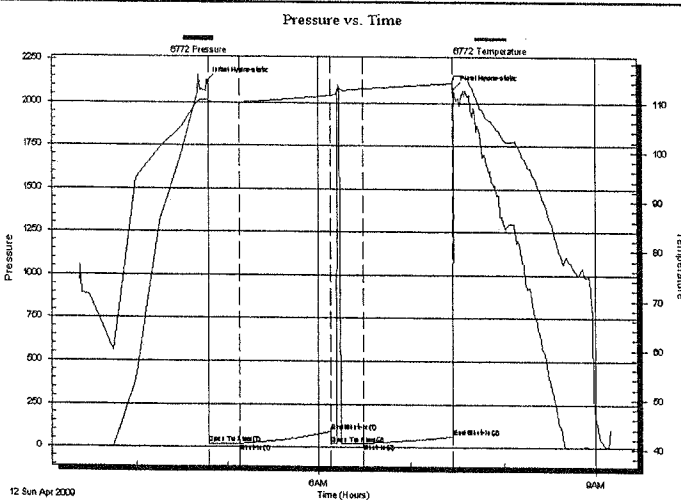
Time Off Btm: 2009.04.12 @ 07:28:15

TEST COMMENT: IF: 1/4 blow died in 14 min.

IS: No return.

FF: No blow Flushed tool after 5 min. Surface blow died in 3 min.

FS: No retrun.



PRESSURE SUMMARY

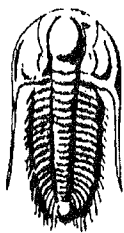
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.00	110.55	Initial Hydro-static
2	18.77	109.98	Open To Flow (1)
23	19.51	110.00	Shut-In(1)
82	91.36	111.47	End Shut-In(1)
83	19.33	111.43	Open To Flow (2)
104	22.37	112.84	Shut-In(2)
162	64.55	114.03	End Shut-In(2)
163	2081.60	115.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.14

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

PO Box 1469
Plainfield, IL
60544

ATTN: Steve Angel

Bixenman #1-24

24-10-31 Thomas KS

Job Ticket: 34274

DST#: 2

Test Start: 2009.04.12 @ 03:22:20

Tool Information

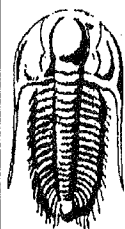
Drill Pipe:	Length: 4162.00 ft	Diameter: 3.80 inches	Volume: 58.38 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
		Total Volume:	58.38 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	4164.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	61.00 ft				
Tool Length:	88.00 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			4138.00	
Shut In Tool	5.00			4143.00	
Hydraulic tool	5.00			4148.00	
Jars	5.00			4153.00	
Safety Joint	2.00			4155.00	
Packer	5.00			4160.00	27.00 Bottom Of Top Packer
Packer	4.00			4164.00	
Stubb	1.00			4165.00	
Recorder	0.00	6772	Inside	4165.00	
Recorder	0.00	8373	Outside	4165.00	
Perforations	22.00			4187.00	
Change Over Sub	1.00			4188.00	
Drill Pipe	31.00			4219.00	
Change Over Sub	1.00			4220.00	
Bullnose	5.00			4225.00	61.00 Bottom Packers & Anchor

Total Tool Length: 88.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Bixenman #1-24

PO Box 1469

24-10-31 Thomas KS

Plainfield ,IL

Job Ticket: 34274

DST#: 2

60544

Test Start: 2009.04.12 @ 03:22:20

ATTN: Steve Angel

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100% _m	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

