

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO box 8050
Edmond, OK 73083

ATTN: Steve Murphy

32-15s14w Russell KS

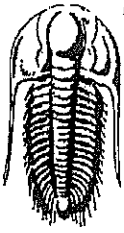
Keil #2-32

Start Date: 2011.01.24 @ 03:08:26

End Date: 2011.01.24 @ 09:17:26

Job Ticket #: 41293 DST #: 1

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 8050
Edmond, OK 73083
ATTN: Steve Murphy

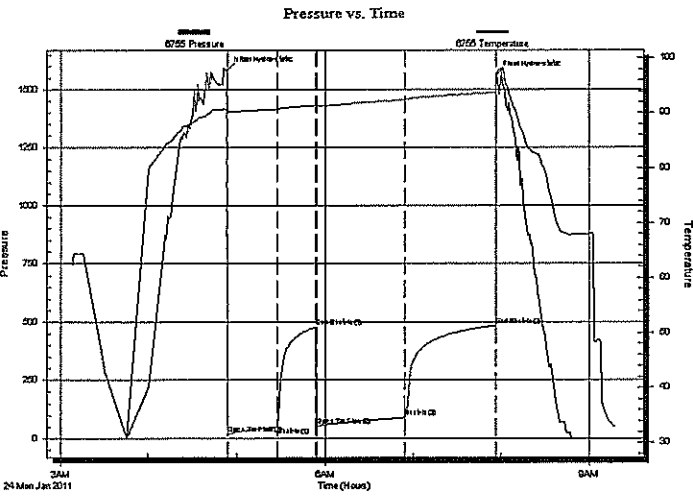
Keil #2-32
32-15s14w Russell KS
Job Ticket: 41293 DST#: 1
Test Start: 2011.01.24 @ 03:08:26

GENERAL INFORMATION:

Formation: **LKC-"C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:53:41
 Time Test Ended: 09:17:26
 Interval: **3166.00 ft (KB) To 3175.00 ft (KB) (TVD)**
 Total Depth: **3175.00 ft (KB) (TVD)**
 Hole Diameter: **7.80 inches** Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1931.00 ft (KB)
 1923.00 ft (CF)
 KB to GRVCF: 8.00 ft

Serial #: 6755 Inside
 Press@RunDepth: 88.91 psig @ 3167.00 ft (KB)
 Start Date: 2011.01.24 End Date: 2011.01.24
 Start Time: 03:08:28 End Time: 09:17:26
 Capacity: 8000.00 psig
 Last Calib.: 2011.01.24
 Time On Btm: 2011.01.24 @ 04:53:26
 Time Off Btm: 2011.01.24 @ 07:57:11

TEST COMMENT: IFP-Good Blow ,BOB in 25 Min.
 ISI-Dead
 FFP-Good Blow ,BOB in 45 Min.
 FSI-Dead



PRESSURE SUMMARY

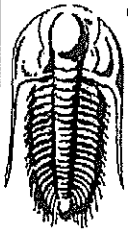
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1582.17	90.67	Initial Hydro-static
1	18.53	90.00	Open To Flow (1)
34	50.10	90.68	Shut-In(1)
60	479.05	91.40	End Shut-In(1)
61	52.64	91.20	Open To Flow (2)
121	88.91	92.43	Shut-In(2)
183	484.78	93.74	End Shut-In(2)
184	1563.12	96.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Clean Oil	0.01
125.00	Muddy Water-90%W-10%M	1.75

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Keil #2-32

PO box 8050
Edmond, OK 73083

32-15s14w Russell KS

Job Ticket: 41293

DST#: 1

ATTN: Steve Murphy

Test Start: 2011.01.24 @ 03:08:26

Tool Information

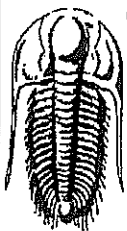
Drill Pipe:	Length: 3168.00 ft	Diameter: 3.80 inches	Volume: 44.44 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3166.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	9.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:
Shale Packer on Bottom

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3139.00	
Shut In Tool	5.00			3144.00	
Hydraulic tool	5.00			3149.00	
Jars	5.00			3154.00	
Safety Joint	2.00			3156.00	
Packer	5.00			3161.00	28.00 Bottom Of Top Packer
Packer	5.00			3166.00	
Stubb	1.00			3167.00	
Recorder	0.00	6755	Inside	3167.00	
Recorder	0.00	8673	Outside	3167.00	
Perforations	5.00			3172.00	
Bullnose	3.00			3175.00	9.00 Bottom Packers & Anchor

Total Tool Length: 37.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Keil #2-32

PO box 8050
Edmond, OK 73083

32-15s14w Russell KS

Job Ticket: 41293 **DST#: 1**

ATTN: Steve Murphy

Test Start: 2011.01.24 @ 03:08:26

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: 200000 ppm	
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Clean Oil	0.014
125.00	Muddy Water-90%W-10%M	1.753

Total Length: 126.00 ft Total Volume: 1.767 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .111 @ 30F = 20000 ppm

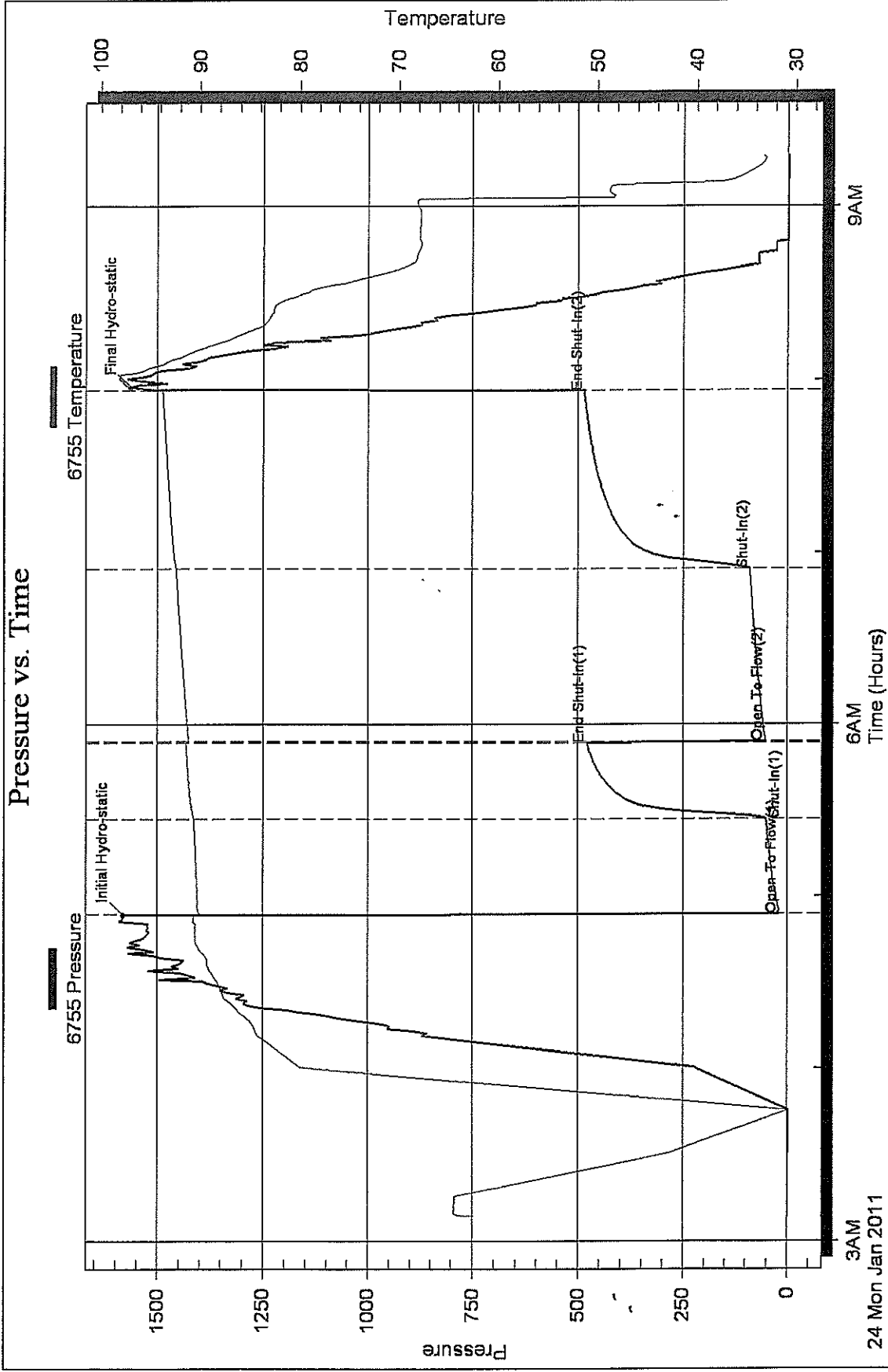
Serial #: 6755

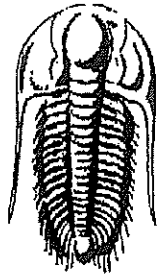
Inside

Russell Oil Inc.

32-15s14w Russell KS

DST Test Number: 1





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO box 8050
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ATTN: Steve Murphy

32-15s14w Russell KS

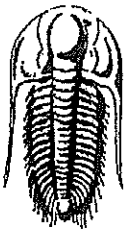
Keil #2-32

Start Date: 2011.01.24 @ 17:36:22

End Date: 2011.01.24 @ 23:43:22

Job Ticket #: 41294 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

TOOL DIAGRAM

Russell Oil Inc.

Keil #2-32

PO box 8050
Edmond, OK 73083

32-15s14w RusseII KS

Job Ticket: 41294

DST#: 2

ATTN: Steve Murphy

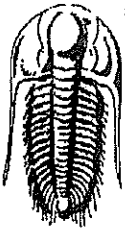
Test Start: 2011.01.24 @ 17:36:22

Tool Information

Drill Pipe:	Length: 3173.00 ft	Diameter: 3.80 inches	Volume: 44.51 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: 50000.00 lb
			<u>Total Volume: 44.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3178.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	80.00 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			3151.00	
Shut In Tool	5.00			3156.00	
Hydraulic tool	5.00			3161.00	
Jars	5.00			3166.00	
Safety Joint	2.00			3168.00	
Packer	5.00			3173.00	28.00 Bottom Of Top Packer
Packer	5.00			3178.00	
Stubb	1.00			3179.00	
Perforations	2.00			3181.00	
Change Over Sub	1.00			3182.00	
Blank Spacing	31.00			3213.00	
Change Over Sub	1.00			3214.00	
Recorder	0.00	6755	Inside	3214.00	
Recorder	0.00	8673	Outside	3214.00	
Perforations	13.00			3227.00	
Bullnose	3.00			3230.00	52.00 Bottom Packers & Anchor
Total Tool Length:	80.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Keil #2-32

PO box 8050
Edmond, OK 73083

32-15s14w Russell KS

Job Ticket: 41294

DST#: 2

ATTN: Steve Murphy

Test Start: 2011.01.24 @ 17:36:22

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: 180000 ppm	
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

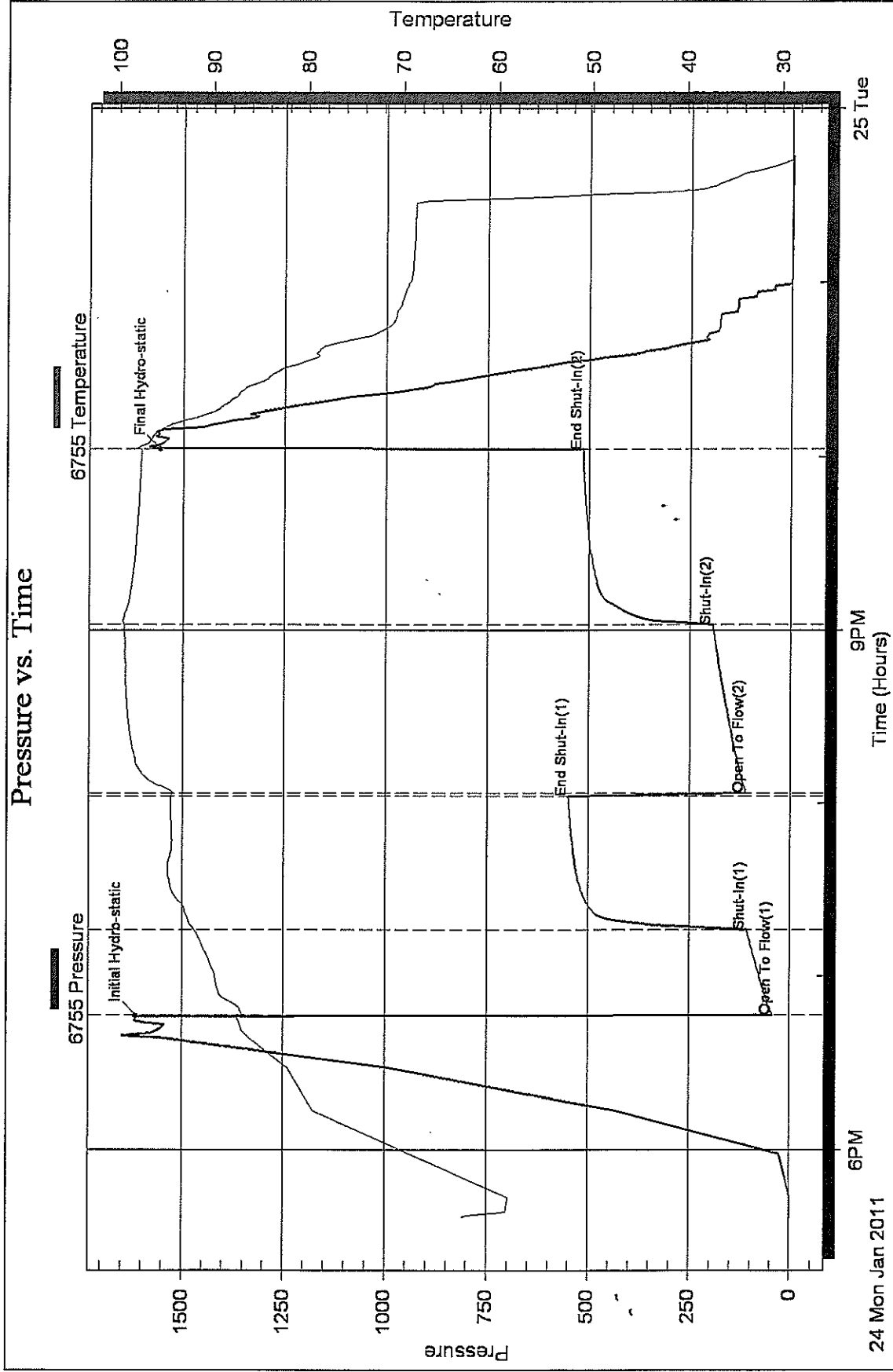
Length ft	Description	Volume bbl
5.00	Frothy OCMW-60%G-10%O-20%W-10%M	0.070
325.00	Muddy Water W/Oil Scum	4.559
0.00	210' Gas In Pipe	0.000

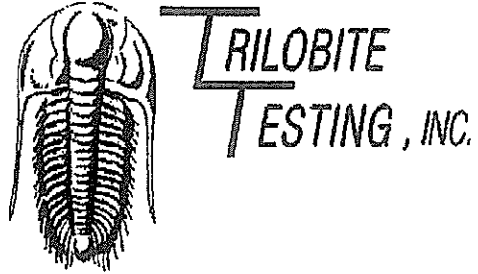
Total Length: 330.00 ft Total Volume: 4.629 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW .125 @ 31F = 180000 chlorides





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32-15s14w Russell KS

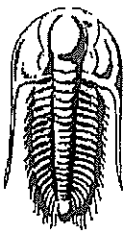
Keil #2-32

Start Date: 2011.01.25 @ 05:43:46

End Date: 2011.01.25 @ 10:27:31

Job Ticket #: 41295 DST #: 3

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



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DRILL STEM TEST REPORT

Russell Oil Inc.
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Edmond, OK 73083
ATTN: Steve Murphy

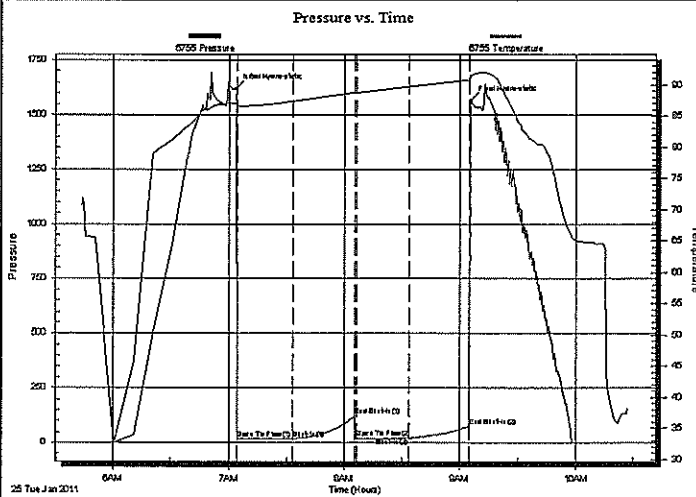
Keil #2-32
32-15s14w Russell KS
Job Ticket: 41295 DST#: 3
Test Start: 2011.01.25 @ 05:43:46

GENERAL INFORMATION:

Formation: G
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:04:01
Time Test Ended: 10:27:31
Interval: 3232.00 ft (KB) To 3245.00 ft (KB) (TVD)
Total Depth: 3245.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 1931.00 ft (KB)
1923.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6755 Inside
Press@RunDepth: 20.23 psig @ 3233.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.25 End Date: 2011.01.25 Last Calib.: 2011.01.25
Start Time: 05:43:48 End Time: 10:27:31 Time On Btm: 2011.01.25 @ 07:03:31
Time Off Btm: 2011.01.25 @ 09:05:46

TEST COMMENT: FFP-Weak, Built to 1"
ISI-Dead
FFP-Intermittant Surface Blow
FSI-Dead



PRESSURE SUMMARY

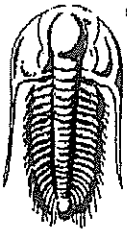
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1622.44	87.06	Initial Hydro-static
1	18.95	86.41	Open To Flow (1)
30	19.78	87.38	Shut-In(1)
62	123.38	88.78	End Shut-In(1)
63	22.01	88.71	Open To Flow (2)
91	20.23	89.74	Shut-In(2)
122	74.52	90.80	End Shut-In(2)
123	1568.97	91.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM-10%O-90%M	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.
PO box 8050
Edmond, OK 73083

ATTN: Steve Murphy

Keil #2-32

32-15s14w Russell KS

Job Ticket: 41295

DST#: 3

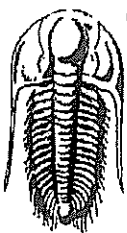
Test Start: 2011.01.25 @ 05:43:46

Tool Information

Drill Pipe:	Length: 3236.00 ft	Diameter: 3.80 inches	Volume: 45.39 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: 40000.00 lb
			Total Volume: 45.39 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3232.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	41.00 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			3205.00	
Shut In Tool	5.00			3210.00	
Hydraulic tool	5.00			3215.00	
Jars	5.00			3220.00	
Safety Joint	2.00			3222.00	
Packer	5.00			3227.00	28.00 Bottom Of Top Packer
Packer	5.00			3232.00	
Stubb	1.00			3233.00	
Recorder	0.00	6755	Inside	3233.00	
Recorder	0.00	8673	Outside	3233.00	
Perforations	9.00			3242.00	
Bullnose	3.00			3245.00	13.00 Bottom Packers & Anchor

Total Tool Length: 41.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Keil #2-32

PO box 8050
Edmond, OK 73083

32-15s14w Russell KS

Job Ticket: 41295

DST#: 3

ATTN: Steve Murphy

Test Start: 2011.01.25 @ 05:43:46

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: bbl		
Water Loss: 10.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

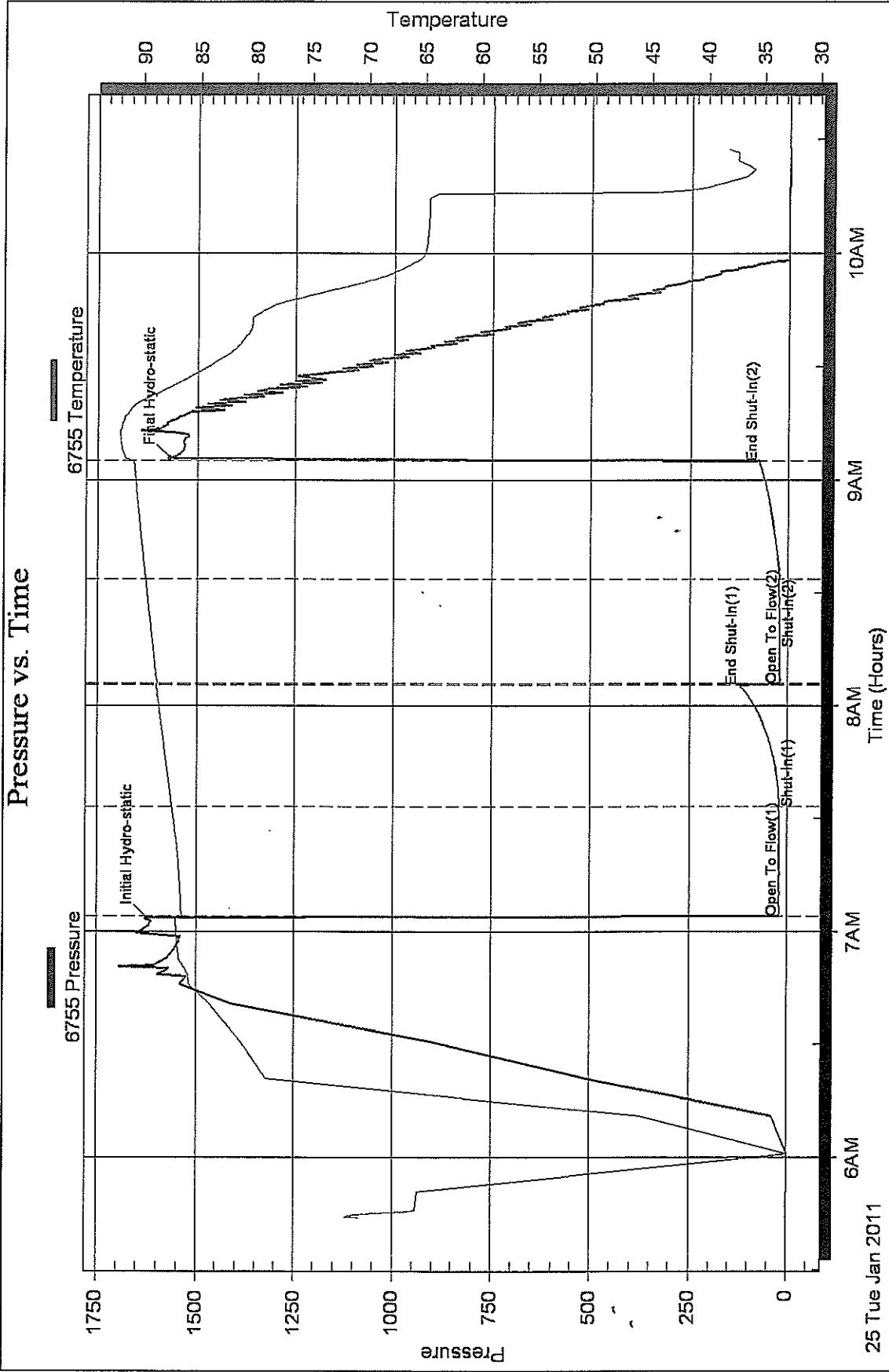
Length ft	Description	Volume bbl
20.00	OCM-10%O-90%M	0.281

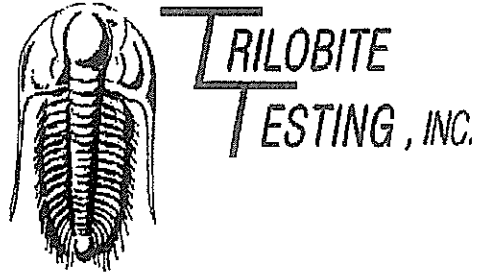
Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

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ATTN: Steve Murphy

32-15s14w Russell KS

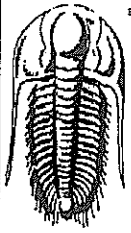
Keil #2-32

Start Date: 2011.01.25 @ 22:09:23

End Date: 2011.01.26 @ 02:22:53

Job Ticket #: 41296 DST #: 4

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 8050
 Edmond, OK 73083
 ATTN: Steve Murphy

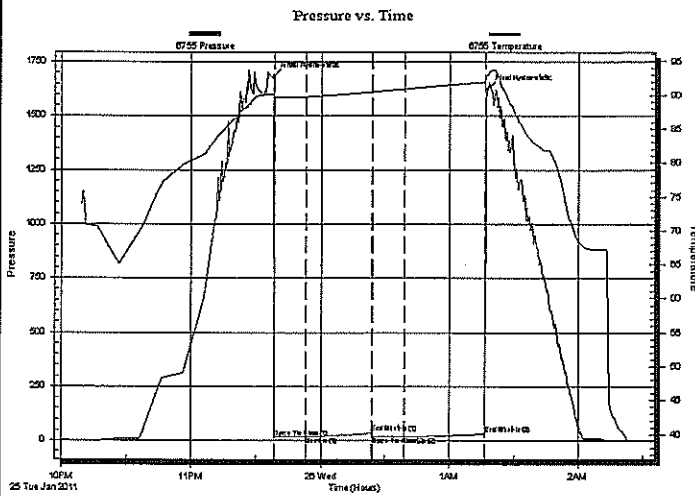
Keil #2-32
 32-15s14w Russell KS
 Job Ticket: 41296 DST#: 4
 Test Start: 2011.01.25 @ 22:09:23

GENERAL INFORMATION:

Formation: "J"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:38:23
 Time Test Ended: 02:22:53
 Interval: 3323.00 ft (KB) To 3335.00 ft (KB) (TVD)
 Total Depth: 3335.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 1931.00 ft (KB)
 1923.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6755 Inside
 Press@RunDepth: 16.50 psig @ 3324.00 ft (KB)
 Start Date: 2011.01.25 End Date: 2011.01.26
 Start Time: 22:09:25 End Time: 02:22:53
 Capacity: 8000.00 psig
 Last Calib.: 2011.01.26
 Time On Btm: 2011.01.25 @ 23:38:08
 Time Off Btm: 2011.01.26 @ 01:17:38

TEST COMMENT: IFP-Weak Blow ,Died in 5 Min.
 ISI-Dead
 FFP-Dead
 FSI-Dead



PRESSURE SUMMARY

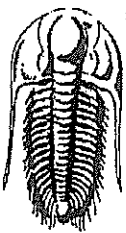
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1685.36	90.10	Initial Hydro-static
1	16.13	89.43	Open To Flow (1)
15	17.16	89.74	Shut-In(1)
46	34.87	90.46	End Shut-In(1)
46	15.94	90.45	Open To Flow (2)
61	16.50	90.91	Shut-In(2)
99	30.44	91.93	End Shut-In(2)
100	1625.38	92.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	Drilling Mud	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.
PO box 8050
Edmond, OK 73083

ATTN: Steve Murphy

Keil #2-32
32-15s14w Russell KS
Job Ticket: 41296 DST#: 4
Test Start: 2011.01.25 @ 22:09:23

Tool Information

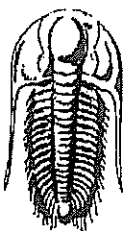
Drill Pipe:	Length: 3327.00 ft	Diameter: 3.80 inches	Volume: 46.67 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 46.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3323.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 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			3296.00	
Shut In Tool	5.00			3301.00	
Hydraulic tool	5.00			3306.00	
Jars	5.00			3311.00	
Safety Joint	2.00			3313.00	
Packer	5.00			3318.00	28.00 Bottom Of Top Packer
Packer	5.00			3323.00	
Stubb	1.00			3324.00	
Recorder	0.00	6755	Inside	3324.00	
Recorder	0.00	8673	Outside	3324.00	
Perforations	8.00			3332.00	
Bullnose	3.00			3335.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Keil #2-32

PO box 8050
Edmond, OK 73083

32-15s14w Russell KS

Job Ticket: 41296

DST#: 4

ATTN: Steve Murphy

Test Start: 2011.01.25 @ 22:09:23

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Drilling Mud	0.014

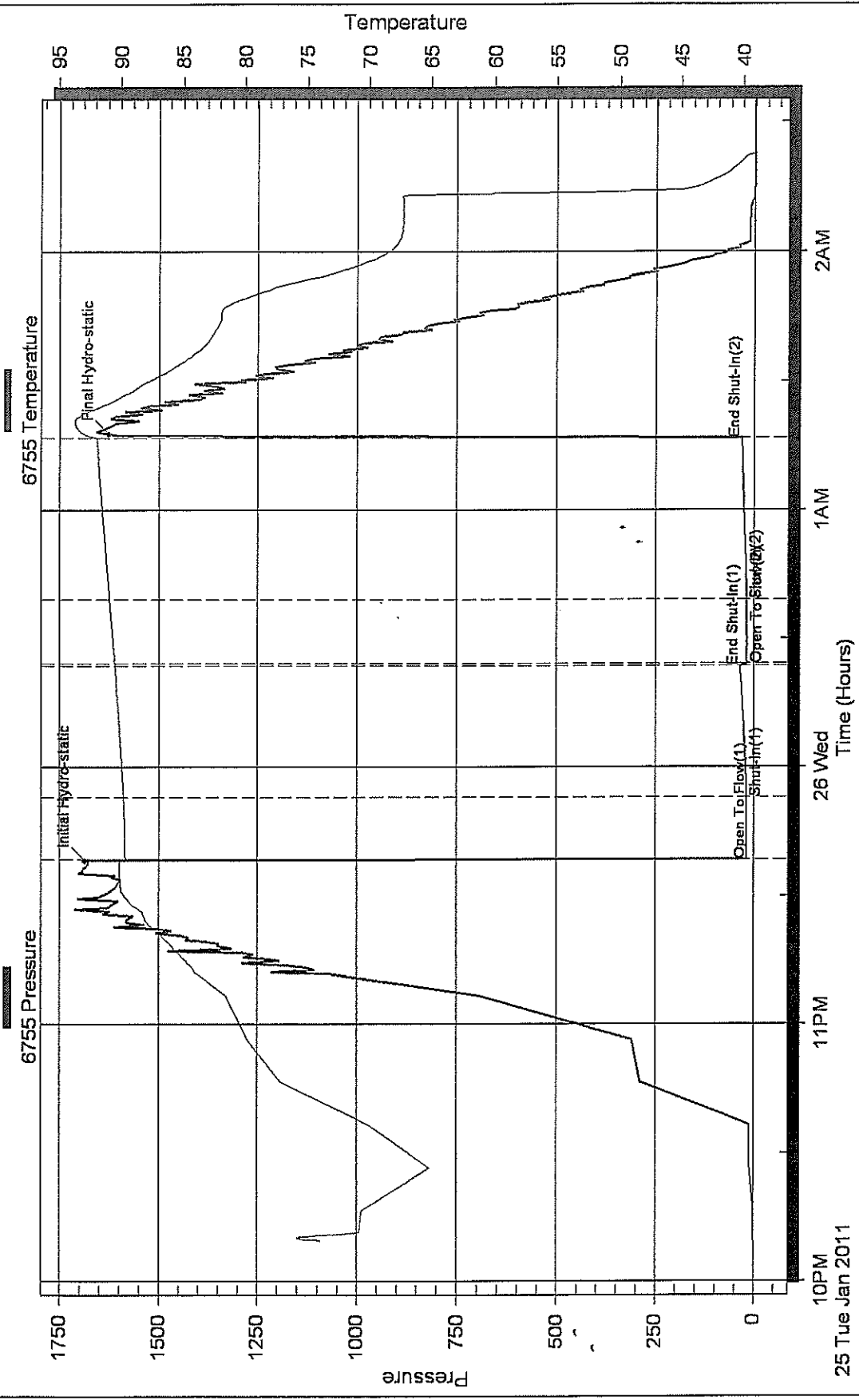
Total Length: 1.00 ft Total Volume: 0.014 bbl

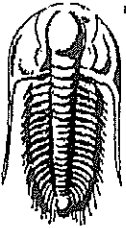
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial#:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.
PO box 8050
Edmond, OK 73083
ATTN: Steve Murphy

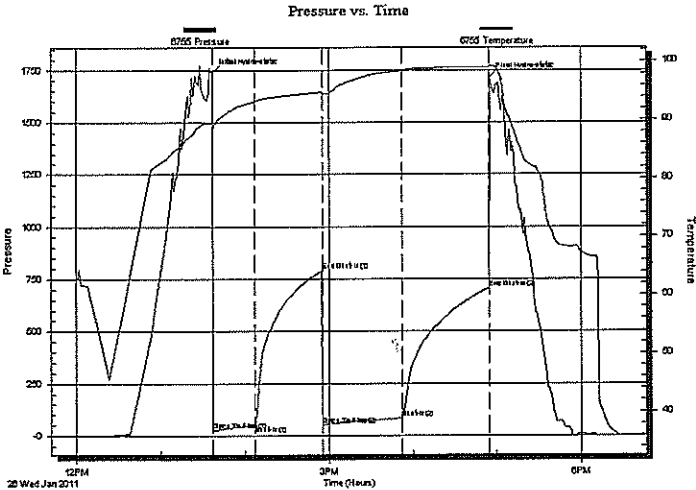
Keil #2-32
32-15s14w Russell KS
Job Ticket: 41297 DST#: 5
Test Start: 2011.01.26 @ 12:01:39

GENERAL INFORMATION:

Formation: Arbuckle
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:36:54
Time Test Ended: 18:27:09
Interval: 3390.00 ft (KB) To 3400.00 ft (KB) (TVD)
Total Depth: 3400.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 1931.00 ft (KB)
1923.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6755 Inside
Press@RunDepth: 81.50 psig @ 3392.00 ft (KB)
Start Date: 2011.01.26 End Date: 2011.01.26
Start Time: 12:01:41 End Time: 18:27:09
Capacity: 8000.00 psig
Last Calib.: 2011.01.26
Time On Btm: 2011.01.26 @ 13:36:39
Time Off Btm: 2011.01.26 @ 16:55:09

TEST COMMENT: IFP-Good Blow ,BOB in 13 Min.
ISF-Blow back Built to 1/2"
FFP-Good Blow ,BOB in 26 Min.
FSF-Blow back Built to 1/4"



PRESSURE SUMMARY

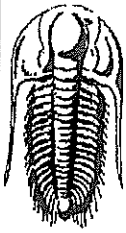
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1740.25	89.35	Initial Hydro-static
1	28.61	88.38	Open To Flow (1)
31	49.59	93.05	Shut-In(1)
79	790.01	94.75	End Shut-In(1)
79	53.16	94.25	Open To Flow (2)
135	81.50	98.36	Shut-In(2)
198	705.93	98.93	End Shut-In(2)
199	1717.82	99.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	Clean Oil	2.10
20.00	HOCM-45%O-55%M	0.28
0.00	40' Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.
PO box 8050
Edmond, OK 73083

Keil #2-32
32-15s14w Russell KS
Job Ticket: 41297 DST#: 5
Test Start: 2011.01.26 @ 12:01:39

ATTN: Steve Murphy

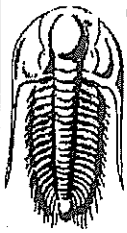
Tool Information

Drill Pipe:	Length: 3395.00 ft	Diameter: 3.80 inches	Volume: 47.62 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: 40000.00 lb
			Total Volume: 47.62 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3390.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 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			3363.00	
Shut In Tool	5.00			3368.00	
Hydraulic tool	5.00			3373.00	
Jars	5.00			3378.00	
Safety Joint	2.00			3380.00	
Packer	5.00			3385.00	28.00 Bottom Of Top Packer
Packer	5.00			3390.00	
Stubb	1.00			3391.00	
Perforations	1.00			3392.00	
Recorder	0.00	6755	Inside	3392.00	
Recorder	0.00	8673	Outside	3392.00	
Perforations	5.00			3397.00	
Bullnose	3.00			3400.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Keil #2-32

PO box 8050
Edmond, OK 73083

32-15s14w Russell KS

Job Ticket: 41297

DST#: 5

ATTN: Steve Murphy

Test Start: 2011.01.26 @ 12:01:39

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.76 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7100.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	Clean Oil	2.104
20.00	HOCM-45%O-55%M	0.281
0.00	40' Gas In Pipe	0.000

Total Length: 170.00 ft Total Volume: 2.385 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

