

## DRILL STEM TEST REPORT

Prepared For: **Russel Oil Inc**  
PO Box 8050  
Edmond, OK 73083

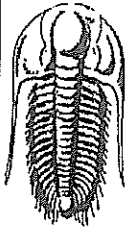
ATTN: Steve Murphy

**36-5s-34w Thomas,KS**

**Seele D#1**

Start Date: 2011.03.15 @ 19:41:00  
End Date: 2011.03.16 @ 00:43:39  
Job Ticket #: 041167          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

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083  
ATTN: Steve Murphy

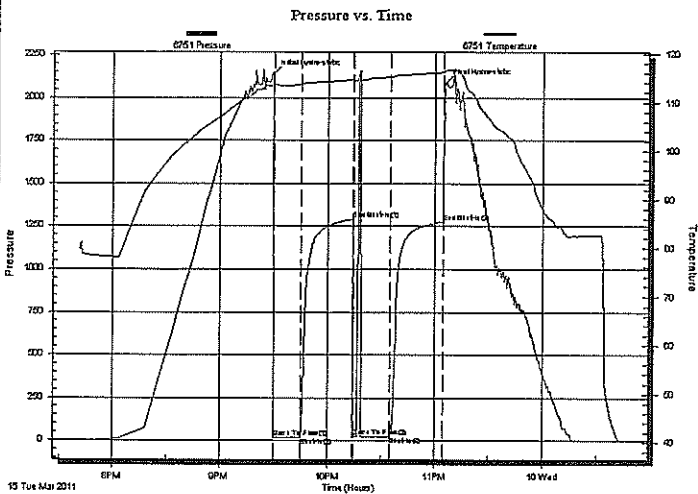
Seele D#1  
36-5s-34w Thomas,KS  
Job Ticket: 041167 DST#: 1  
Test Start: 2011.03.15 @ 19:41:00

## GENERAL INFORMATION:

Formation: LKC "I"  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 21:29:50  
Time Test Ended: 00:43:39  
Interval: 4314.00 ft (KB) To 4345.00 ft (KB) (TVD)  
Total Depth: 4345.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Kevin Mack  
Unit No: 37  
Reference Elevations: 3223.00 ft (KB)  
3213.00 ft (CF)  
KB to GR/CF: 10.00 ft

Serial #: 6751 Outside  
Press@RunDepth: 23.99 psig @ 4315.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.03.15 End Date: 2011.03.16 Last Calib.: 2011.03.16  
Start Time: 19:41:05 End Time: 00:43:40 Time On Btm: 2011.03.15 @ 21:29:40  
Time Off Btm: 2011.03.15 @ 23:05:30

TEST COMMENT: IF: Surface blow built to 1/2"  
IS: No Return  
FF: No blow flushed tool @ 3 min Surface blow did not build or die  
FS: No Return



## PRESSURE SUMMARY

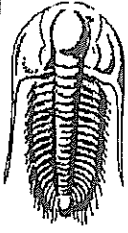
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2141.95	113.85	Initial Hydro-static
1	16.03	113.03	Open To Flow (1)
16	19.55	113.72	Shut-in(1)
45	1291.20	114.66	End Shut-In(1)
45	20.77	114.11	Open To Flow (2)
65	23.99	115.26	Shut-In(2)
96	1277.14	116.19	End Shut-In(2)
96	2086.17	116.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	OSM 100M (oil Spots)	0.21

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

TOOL DIAGRAM

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083

Seele D#1  
36-5s-34w Thomas,KS  
Job Ticket: 041167      DST#: 1  
Test Start: 2011.03.15 @ 19:41:00

ATTN: Steve Murphy

**Tool Information**

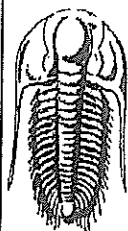
Drill Pipe:	Length: 4302.00 ft	Diameter: 3.80 inches	Volume: 60.35 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 60.35 bbl</u>	Tool Chased: ft
Drill Pipe Above KB:	15.50 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4314.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	58.50 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			4287.50	
Shut In Tool	5.00			4292.50	
Hydraulic tool	5.00			4297.50	
Jars	5.00			4302.50	
Safety Joint	2.50			4305.00	
Packer	5.00			4310.00	27.50      Bottom Of Top Packer
Packer	4.00			4314.00	
Stubb	1.00			4315.00	
Recorder	0.00	8018	Inside	4315.00	
Recorder	0.00	6751	Outside	4315.00	
Perforations	27.00			4342.00	
Bullnose	3.00			4345.00	31.00      Bottom Packers & Anchor

**Total Tool Length: 58.50**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Russel Oil Inc

Seele D#1

PO Box 8050  
Edmond, OK 73083

36-5s-34w Thomas,KS

Job Ticket: 041167      DST#: 1

ATTN: Steve Murphy

Test Start: 2011.03.15 @ 19:41:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2200.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OSM 100M (oil Spots)	0.210

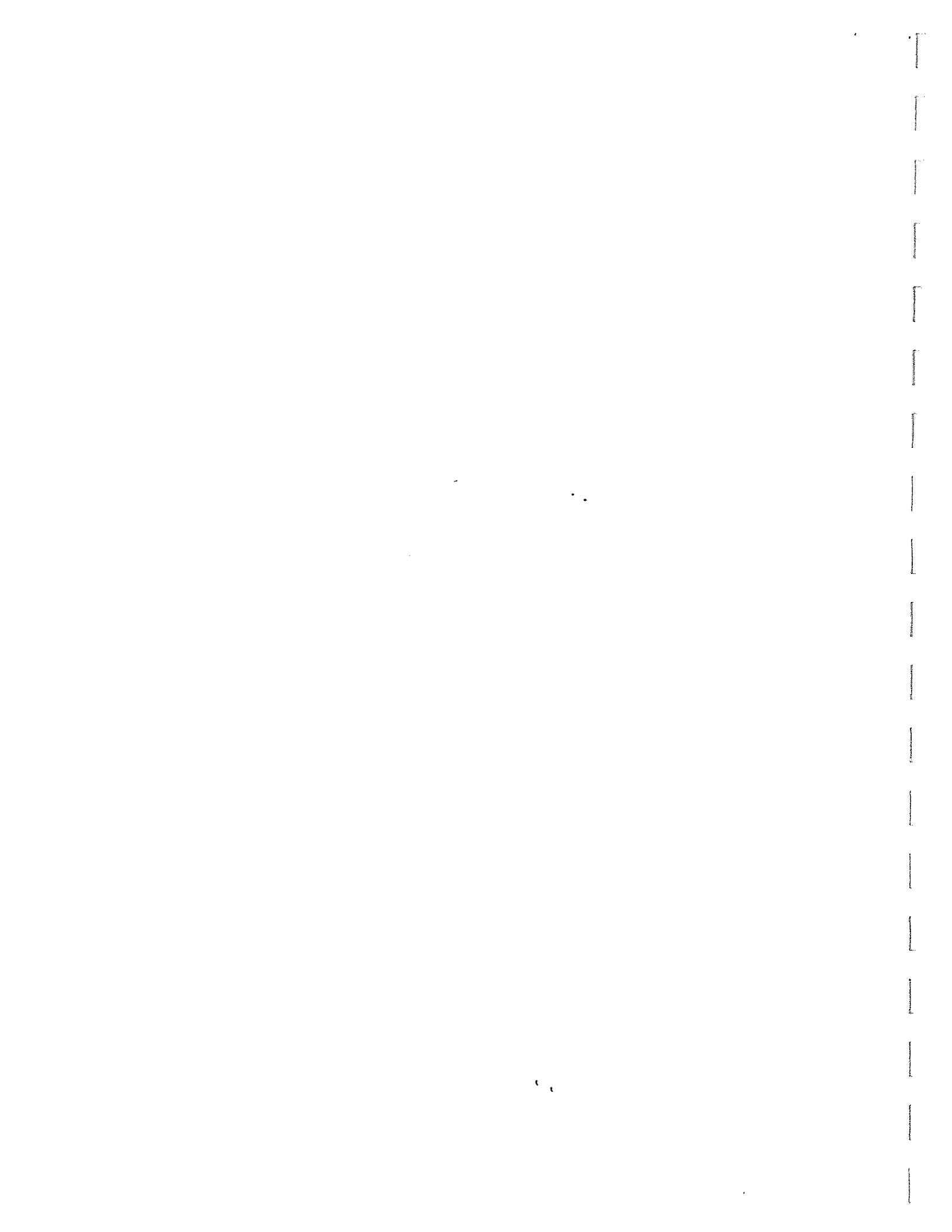
Total Length: 15.00 ft      Total Volume: 0.210 bbl

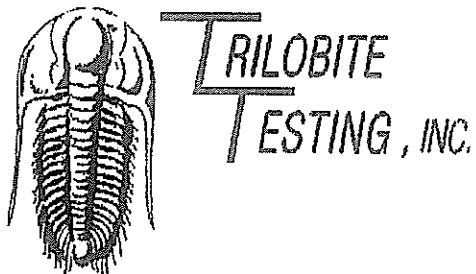
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Russel Oil Inc**

PO Box 8050  
Edmond, OK 73083

ATTN: Steve Murphy

**36-5s-34w Thomas,KS**

**Seele D#1**

Start Date: 2011.03.16 @ 10:22:00

End Date: 2011.03.16 @ 15:48:47

Job Ticket #: 041168          DST #: 2

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

Russel Oil Inc

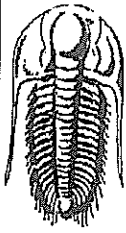
Seele D#1

36-5s-34w Thomas,KS

DST # 2

LKC 'K'

2011.03.16



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083

ATTN: Steve Murphy

Seele D#1

36-5s-34w Thomas,KS

Job Ticket: 041168 DST#: 2

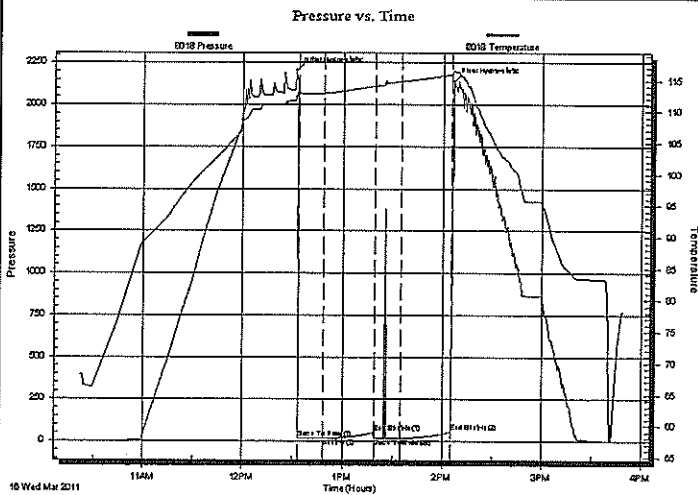
Test Start: 2011.03.16 @ 10:22:00

### GENERAL INFORMATION:

Formation: LKC 'K'  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:33:36  
 Time Test Ended: 15:48:47  
 Interval: 4358.00 ft (KB) To 4385.00 ft (KB) (TVD)  
 Total Depth: 4385.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Chuck Smith  
 Unit No: 37  
 Reference Elevations: 3223.00 ft (KB)  
 3213.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: 8018 Inside  
 Press@RunDepth: 18.25 psig @ 4359.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.03.16 End Date: 2011.03.16 Last Calib.: 2011.03.16  
 Start Time: 10:22:05 End Time: 15:48:48 Time On Btm: 2011.03.16 @ 12:32:00  
 Time Off Btm: 2011.03.16 @ 14:06:36

TEST COMMENT: IF: Surface blow throughout.  
 IS: No return.  
 FF: No blow, flushed tool, surge died.  
 FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2201.07	112.04	Initial Hydro-static
2	17.31	112.66	Open To Flow (1)
17	17.82	112.87	Shut-In(1)
47	53.74	114.06	End Shut-In(1)
48	16.62	114.02	Open To Flow (2)
63	18.25	114.85	Shut-In(2)
94	57.63	115.89	End Shut-In(2)
95	2139.47	116.51	Final Hydro-static

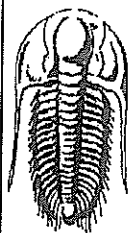
### Recovery

Length (ft)	Description	Volume (bbl)
2.00	M 100m Oil spots in tool.	0.03

### Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083  
  
ATTN: Steve Murphy

Seele D#1  
36-5s-34w Thomas,KS  
Job Ticket: 041168      DST#: 2  
Test Start: 2011.03.16 @ 10:22:00

### Tool Information

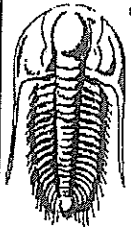
Drill Pipe:	Length: 4357.00 ft	Diameter: 3.80 inches	Volume: 61.12 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 47000.00 lb
			<u>Total Volume: 61.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.50 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4358.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	54.50 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			4331.50	
Shut In Tool	5.00			4336.50	
Hydraulic tool	5.00			4341.50	
Jars	5.00			4346.50	
Safety Joint	2.50			4349.00	
Packer	5.00			4354.00	27.50      Bottom Of Top Packer
Packer	4.00			4358.00	
Stubb	1.00			4359.00	
Recorder	0.00	8018	Inside	4359.00	
Recorder	0.00	6751	Outside	4359.00	
Perforations	23.00			4382.00	
Bullnose	3.00			4385.00	27.00      Bottom Packers & Anchor

**Total Tool Length: 54.50**



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083  
ATTN: Steve Murphy.

Seele D#1  
36-5s-34w Thomas,KS  
Job Ticket: 041168      DST#: 2  
Test Start: 2011.03.16 @ 10:22:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 48.00 sec/qt  
Water Loss: 9.57 in<sup>3</sup>  
Resistivity: 0.00 ohm.m  
Salinity: 2500.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 0 deg API  
Water Salinity: 0 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	M 100m Oil spots in tool.	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:

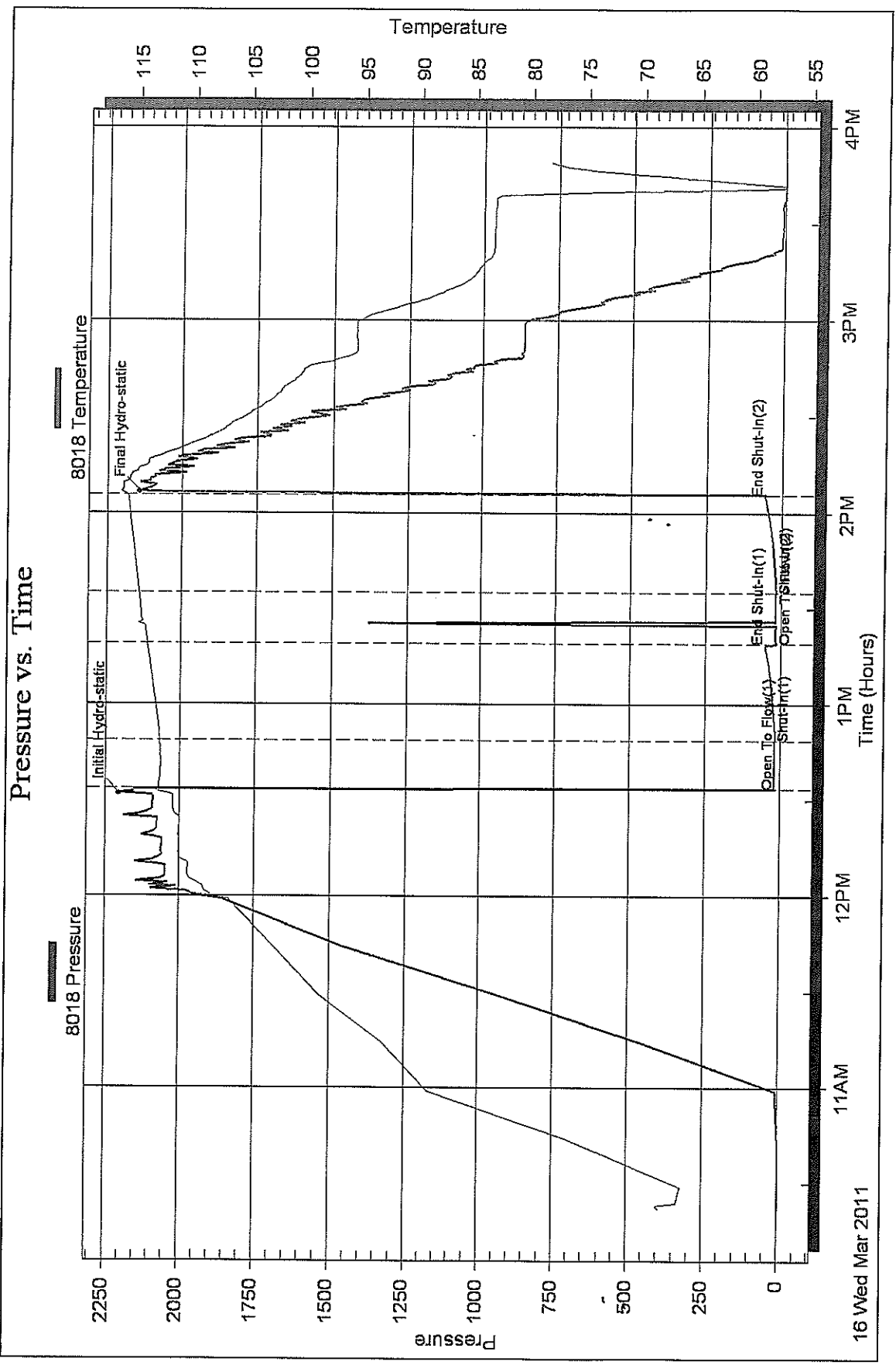
Serial #: 8018

Inside

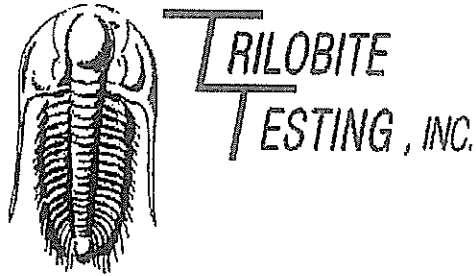
Russel Oil Inc

36-5s-34w Thomas, KS

DST Test Number: 2



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## DRILL STEM TEST REPORT

Prepared For: **Russel Oil Inc**

PO Box 8050  
Edmond, OK 73083

ATTN: Steve Murphy

**36-5s-34w Thomas,KS**

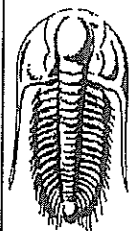
**Seele D#1**

Start Date: 2011.03.17 @ 18:55:05

End Date: 2011.03.17 @ 23:45:05

Job Ticket #: 041169      DST #: 3

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083  
ATTN: Steve Murphy

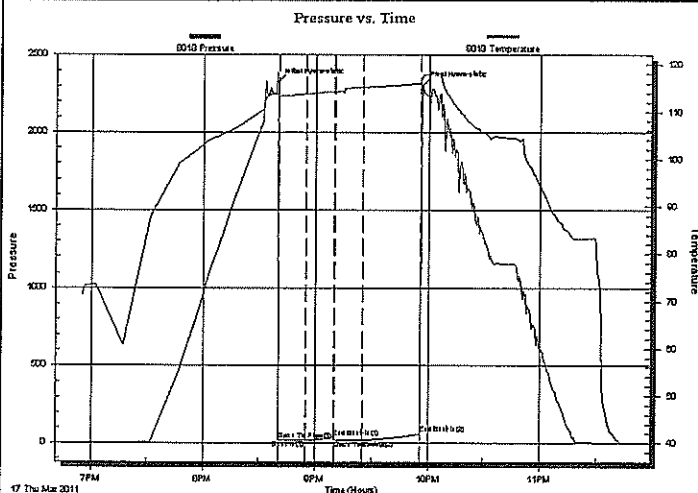
Seele D#1  
36-5s-34w Thomas,KS  
Job Ticket: 041169 DST#: 3  
Test Start: 2011.03.17 @ 18:55:05

### GENERAL INFORMATION:

Formation: Ft. Scott  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 20:40:17  
Time Test Ended: 23:45:05  
Interval: 4592.00 ft (KB) To 4638.00 ft (KB) (TVD)  
Total Depth: 4638.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Chuck Smith  
Unit No: 37  
Reference Elevations: 3223.00 ft (KB)  
3213.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8018** Inside  
Press@RunDepth: 19.13 psig @ 4596.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.03.17 End Date: 2011.03.17 Last Calib.: 2011.03.17  
Start Time: 18:55:10 End Time: 23:45:04 Time On Btm: 2011.03.17 @ 20:39:29  
Time Off Btm: 2011.03.17 @ 21:56:29

**TEST COMMENT:** IF: Weak surface blow died @ 1/2 min.  
IS: No return.  
FF: No blow, flushed tool, surge died.  
FSI: No return.



### PRESSURE SUMMARY

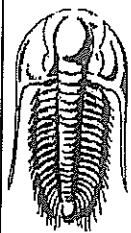
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2324.23	113.69	Initial Hydro-static
1	17.83	112.73	Open To Flow (1)
16	17.87	113.73	Shut-In(1)
31	38.80	114.23	End Shut-In(1)
31	17.49	114.21	Open To Flow (2)
46	19.13	115.20	Shut-In(2)
77	61.37	116.06	End Shut-In(2)
77	2302.19	117.15	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	M 100m Oil spot in tool.	0.07

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

TOOL DIAGRAM

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083  
  
ATTN: Steve Murphy

Seele D#1  
**36-5s-34w Thomas,KS**  
Job Ticket: 041169      DST#: 3  
Test Start: 2011.03.17 @ 18:55:05

**Tool Information**

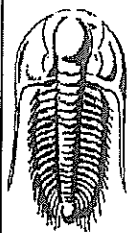
Drill Pipe:	Length: 4588.00 ft	Diameter: 3.80 inches	Volume: 64.36 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<b>Total Volume: 64.36 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.50 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4592.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	73.50 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			4565.50	
Shut In Tool	5.00			4570.50	
Hydraulic tool	5.00			4575.50	
Jars	5.00			4580.50	
Safety Joint	2.50			4583.00	
Packer	5.00			4588.00	27.50      Bottom Of Top Packer
Packer	4.00			4592.00	
Stubb	1.00			4593.00	
Perforations	3.00			4596.00	
Recorder	0.00	8018	Inside	4596.00	
Recorder	0.00	6751	Outside	4596.00	
Perforations	6.00			4602.00	
Change Over Sub	1.00			4603.00	
Drill Pipe	31.00			4634.00	
Change Over Sub	1.00			4635.00	
Bullnose	3.00			4638.00	46.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>73.50</b>				



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

Russel Oil Inc

Seele D#1

PO Box 8050  
Edmond, OK 73083

36-5s-34w Thomas,KS

Job Ticket: 041169      DST#: 3

ATTN: Steve Murphy

Test Start: 2011.03.17 @ 18:55:05

## 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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3400.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M 100m Oil spot in tool.	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

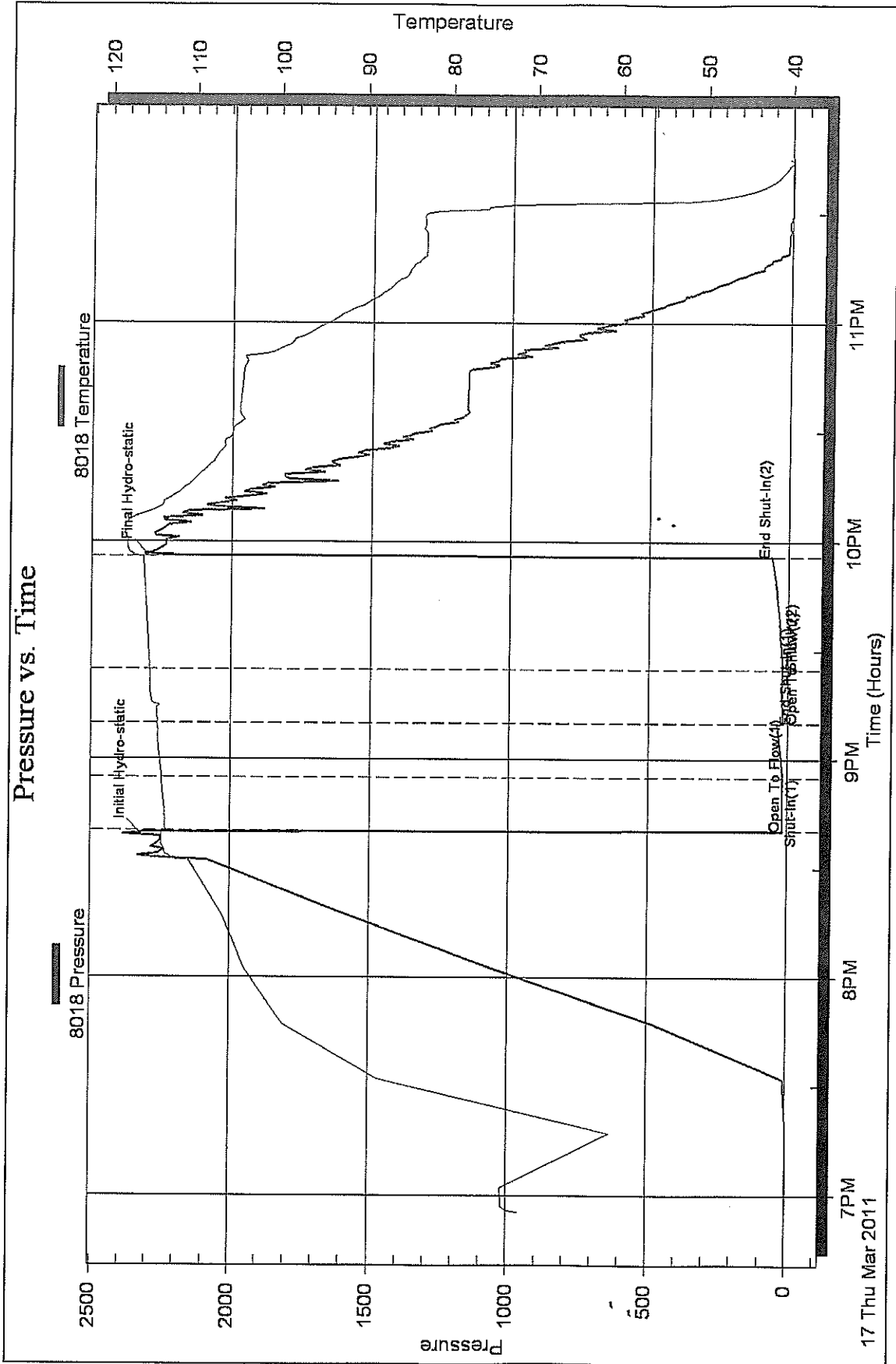


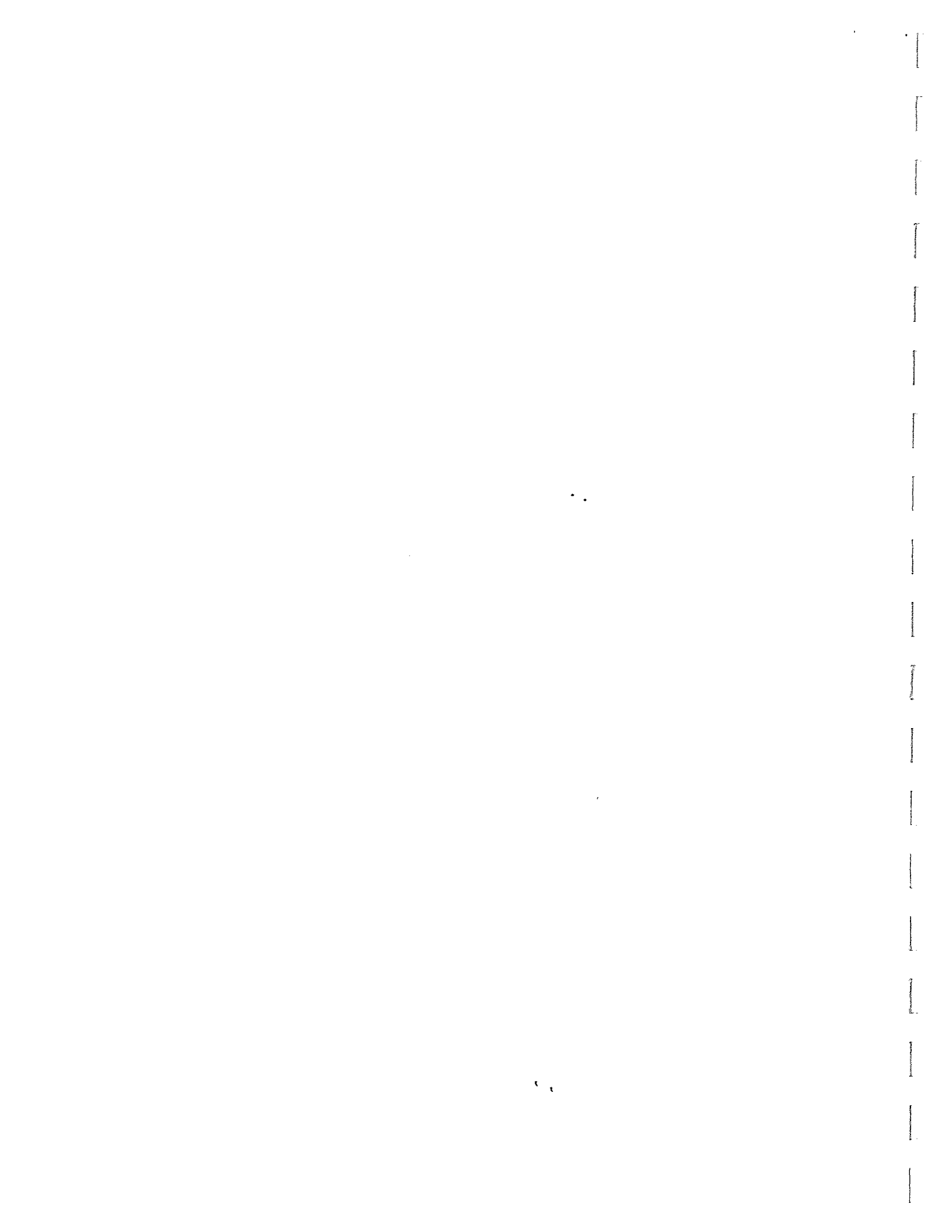
Serial #: 8018

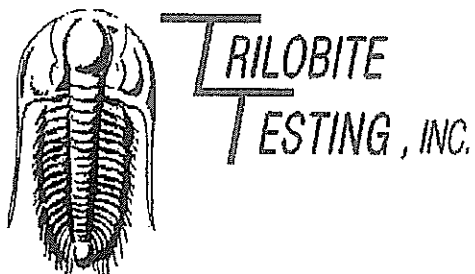
Inside Russel Oil Inc

36-5s-34w Thomas, KS

DST Test Number: 3







## DRILL STEM TEST REPORT

Prepared For: **Russel Oil Inc**

PO Box 8050  
Edmond, OK 73083

ATTN: Steve Murphy

**36-5s-34w Thomas,KS**

**Seele D#1**

Start Date: 2011.03.18 @ 12:13:04

End Date: 2011.03.18 @ 16:57:13

Job Ticket #: 041170      DST #: 4

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

Russel Oil Inc

Seele D#1

36-5s-34w Thomas,KS

DST # 4

Johnson

2011.03.18



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Russel Oil Inc  
 PO Box 8050  
 Edmond, OK 73083  
 ATTN: Steve Murphy

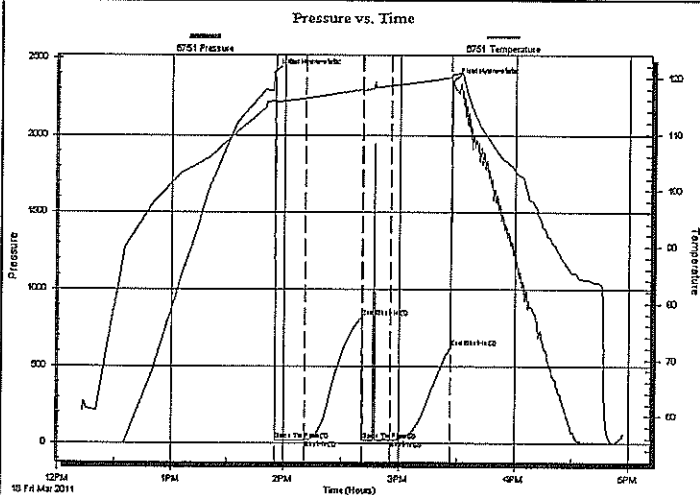
Seele D#1  
 36-5s-34w Thomas,KS  
 Job Ticket: 041170 DST#: 4  
 Test Start: 2011.03.18 @ 12:13:04

### GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 13:55:34  
 Time Test Ended: 16:57:13  
 Interval: 4684.00 ft (KB) To 4720.00 ft (KB) (TVD)  
 Total Depth: 4720.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Chuck Smith  
 Unit No: 37  
 Reference Elevations: 3223.00 ft (KB)  
 3213.00 ft (CF)  
 KB to GR/CF: 10.00 ft

Serial #: **6751** Outside  
 Press@RunDepth: 22.75 psig @ 4685.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.03.18 End Date: 2011.03.18 Last Calib.: 2011.03.18  
 Start Time: 12:13:09 End Time: 16:57:14 Time On Btm: 2011.03.18 @ 13:54:24  
 Time Off Btm: 2011.03.18 @ 15:27:24

TEST COMMENT: IF: Surface blow died @ 9 min.  
 IS: No return.  
 FF: No blow, flushed tool, surge died.  
 FS: No return.



### PRESSURE SUMMARY

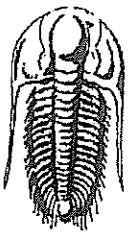
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2403.52	115.91	Initial Hydro-static
2	18.28	115.01	Open To Flow (1)
17	20.88	116.32	Shut-In(1)
46	816.84	117.92	End Shut-In(1)
47	20.22	117.73	Open To Flow (2)
61	22.75	118.67	Shut-In(2)
93	627.09	120.09	End Shut-In(2)
93	2346.24	120.67	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM 100m	0.07

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Russel Oil Inc  
PO Box 8050  
Edmond, OK 73083  
  
ATTN: Steve Murphy

Seele D#1  
36-5s-34w Thomas,KS  
Job Ticket: 041170      DST#: 4  
Test Start: 2011.03.18 @ 12:13:04

### Tool Information

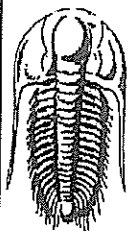
Drill Pipe:	Length: 4682.00 ft	Diameter: 3.80 inches	Volume: 65.68 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 65.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.50 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4684.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	63.50 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			4657.50	
Shut In Tool	5.00			4662.50	
Hydraulic tool	5.00			4667.50	
Jars	5.00			4672.50	
Safety Joint	2.50			4675.00	
Packer	5.00			4680.00	27.50      Bottom Of Top Packer
Packer	4.00			4684.00	
Stubb	1.00			4685.00	
Recorder	0.00	8018	Inside	4685.00	
Recorder	0.00	6751	Outside	4685.00	
Perforations	32.00			4717.00	
Bullnose	3.00			4720.00	36.00      Bottom Packers & Anchor

**Total Tool Length: 63.50**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

Russel Oil Inc

Seele D#1

PO Box 8050  
Edmond, OK 73083

36-5s-34w Thomas,KS

Job Ticket: 041170

DST#: 4

ATTN: Steve Murphy

Test Start: 2011.03.18 @ 12:13:04

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM 100m	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time

