



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, IL. 60544

ATTN: Todd Morgenstern

**8
8-8s-22w-Graham**

Rice Trust "D" #1

Start Date: 2005.03.04 @ 08:22:16

End Date: 2005.03.04 @ 13:30:46

Job Ticket #: 20274 DST #: 1

**RECEIVED
JUN 10 2005
KCC WICHITA**

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

Russell Oil Inc.

Rice Trust "D" #1

PO Box 1469
Plainfield, IL. 60544

8 17-8s-22w-Graham

Job Ticket: 20274

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2005.03.04 @ 08:22:16

GENERAL INFORMATION:

Formation: LKC-"F"
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:12:01
Time Test Ended: 13:30:46

Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 32

Interval: 3418.00 ft (KB) To 3438.00 ft (KB) (TVD)
Total Depth: 3438.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2106.00 ft (KB)
2101.00 ft (CF)
KB to GR/CF: 5.00 ft

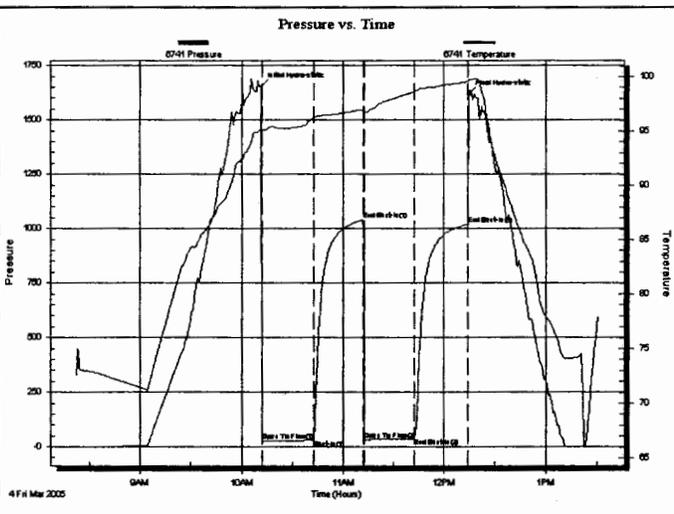
Serial #: 6741

Inside

Press@RunDepth: 29.55 psig @ 3420.00 ft (KB)
Start Date: 2005.03.04 End Date: 2005.03.04
Start Time: 08:22:18 End Time: 13:30:46

Capacity: 7000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 2005.03.04 @ 10:11:46
Time Off Btm: 2005.03.04 @ 12:14:31

TEST COMMENT: IFF-Weak Blow, Built to 1-1/8
ISI-Dead
FFP-Weak Surface Blow
FSI-Dead



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1653.80	95.12	Initial Hydro-static
1	25.09	94.90	Open To Flow (1)
31	29.55	96.21	Shut-In(1)
61	1040.98	96.98	End Shut-In(1)
61	32.80	96.79	Open To Flow (2)
91	37.86	98.67	End Shut-In(2)
123	1020.41	99.53	End Shut-In(3)
123	1618.75	99.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.05

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.
PO Box 1469
Plainfield, IL 60544

Rice Trust "D" #1

8 #8s-22w-Graham

Job Ticket: 20274 DST#: 1

ATTN: Todd Morgenstern

Test Start: 2005.03.04 @ 08:22:16

Tool Information

Drill Pipe:	Length: 3013.00 ft	Diameter: 3.80 inches	Volume: 42.26 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 409.00 ft	Diameter: 2.25 inches	Volume: 2.01 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: 65000.00 lb
		Total Volume:	44.27 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3418.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 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			3398.00	
Shut In Tool	5.00			3403.00	
Hydraulic tool	5.00			3408.00	
Packer	5.00			3413.00	21.00 Bottom Of Top Packer
Packer	5.00			3418.00	
Stubb	1.00			3419.00	
Perforations	1.00			3420.00	
Recorder	0.00	6741	Inside	3420.00	
Perforations	15.00			3435.00	
Recorder	0.00	13252	Outside	3435.00	
Bullnose	3.00			3438.00	20.00 Bottom Packers & Anchor

Total Tool Length: 41.00

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DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Rice Trust "D" #1

PO Box 1469
Plainfield, IL 60544

8 ~~47~~-8s-22w-Graham

Job Ticket: 20274

DST#: 1

ATTN: Todd Morgenstern

Test Start: 2005.03.04 @ 08:22:16

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.049

Total Length:

10.00 ft

Total Volume:

0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

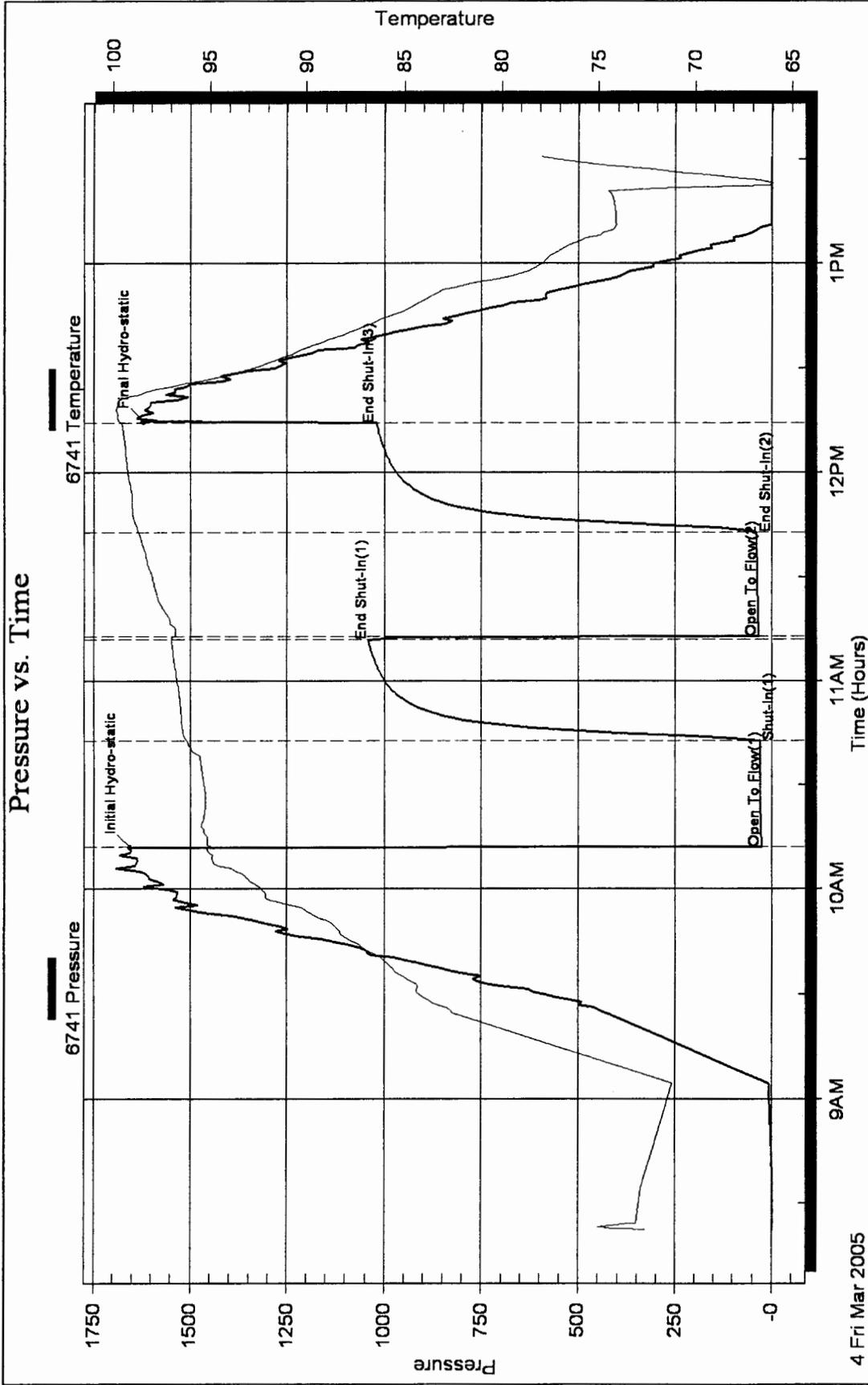
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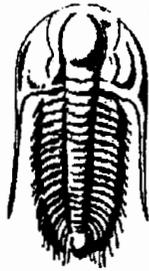
Inside

Russell Oil Inc.

8-8s-22w-Graham

DST Test Number: 1





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DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
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ATTN: Todd Morgenstern

8 #8s-22w-Graham

Rice Trust "D" #1

Start Date: 2005.03.05 @ 07:05:15

End Date: 2005.03.05 @ 12:21:45

Job Ticket #: 20275 DST #: 2

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Russell Oil Inc.

Rice Trust "D" #1

8 #8s-22w-Graham

DST # 2

LKC-"I,J"

2005.03.05

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Russell Oil Inc.

Rice Trust "D" #1

PO Box 1469
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Job Ticket: 20275

DST#: 2

ATTN: Todd Morgenstern

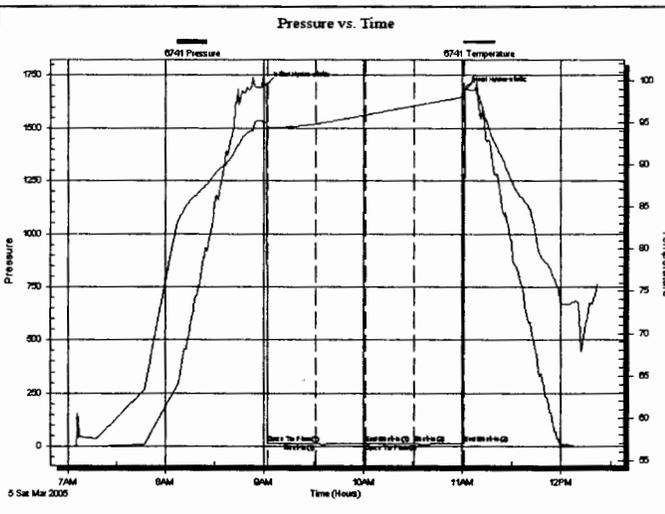
Test Start: 2005.03.05 @ 07:05:15

GENERAL INFORMATION:

Formation: LKC-"I-J"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:01:45
 Time Test Ended: 12:21:45
 Interval: 3508.00 ft (KB) To 3544.00 ft (KB) (TVD)
 Total Depth: 3544.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32
 Reference Elevations: 2106.00 ft (KB)
 2101.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6741 Inside
 Press@RunDepth: 12.38 psig @ 3511.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2005.03.05 End Date: 2005.03.05 Last Calib.: 1899.12.30
 Start Time: 07:05:17 End Time: 12:21:45 Time On Btm: 2005.03.05 @ 09:01:30
 Time Off Btm: 2005.03.05 @ 11:01:30

TEST COMMENT: IF-Weak Blow, 1/4"
 IS-Dead
 FFP-Dead
 FSI-Dead



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1704.51	94.94	Initial Hydro-static
1	12.22	94.18	Open To Flow (1)
30	12.34	94.84	Shut-In(1)
60	15.72	95.87	End Shut-In(1)
60	12.09	95.88	Open To Flow (2)
90	12.38	96.98	Shut-In(2)
120	14.05	98.05	End Shut-In(2)
120	1679.70	98.47	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

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



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Job Ticket: 20275

DST#: 2

ATTN: Todd Morgenstern

Test Start: 2005.03.05 @ 07:05:15

Tool Information

Drill Pipe:	Length: 3107.00 ft	Diameter: 3.80 inches	Volume: 43.58 bbl	Tool Weight: 2800.00 lb
Heavy Wt. Pipe:	Length: 409.00 ft	Diameter: 2.25 inches	Volume: 2.01 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: 65000.00 lb
			<u>Total Volume: 45.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3508.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	57.00 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			3488.00	
Shut In Tool	5.00			3493.00	
Hydraulic tool	5.00			3498.00	
Packer	5.00			3503.00	21.00 Bottom Of Top Packer
Packer	5.00			3508.00	
Stubb	1.00			3509.00	
Perforations	2.00			3511.00	
Recorder	0.00	6741	Inside	3511.00	
Perforations	30.00			3541.00	
Recorder	0.00	13252	Outside	3541.00	
Bullnose	3.00			3544.00	36.00 Bottom Packers & Anchor

Total Tool Length: 57.00

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Job Ticket: 20275 DST#: 2

ATTN: Todd Morgenstern

Test Start: 2005.03.05 @ 07:05:15

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: 8.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6741

Inside

Russell Oil Inc.

8 -8s-22w -Graham

DST Test Number: 2

