

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

P.O. Box 8050
Edmond, Ok 73083

ATTN: Steve Murphy

14-10-31 Thomas, Ks

Paul Beckman A 1-14

Start Date: 2010.09.02 @ 07:30:20

End Date: 2010.09.02 @ 13:37:14

Job Ticket #: 040232 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Russell Oil Inc.

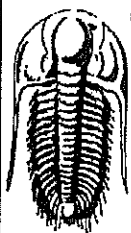
Paul Beckman A 1-14

14-10-31 Thomas, Ks

DST # 2

LKC K.J.L

2010.09.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Paul Beckman A 1-14

P.O. Box 8050
Edmond, Ok 73083

14-10-31 Thomas, Ks

Job Ticket: 040232 DST#: 2

ATTN: Steve Murphy

Test Start: 2010.09.02 @ 07:30:20

GENERAL INFORMATION:

Formation: LKC K,L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:52:45

Time Test Ended: 13:37:14

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4182.00 ft (KB) To 4245.00 ft (KB) (TVD)

Total Depth: 4245.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2910.00 ft (KB)

2900.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press@RunDepth: 38.93 psig @ 4187.00 ft (KB)

Start Date: 2010.09.02 End Date: 2010.09.02

Start Time: 07:30:20 End Time: 13:37:14

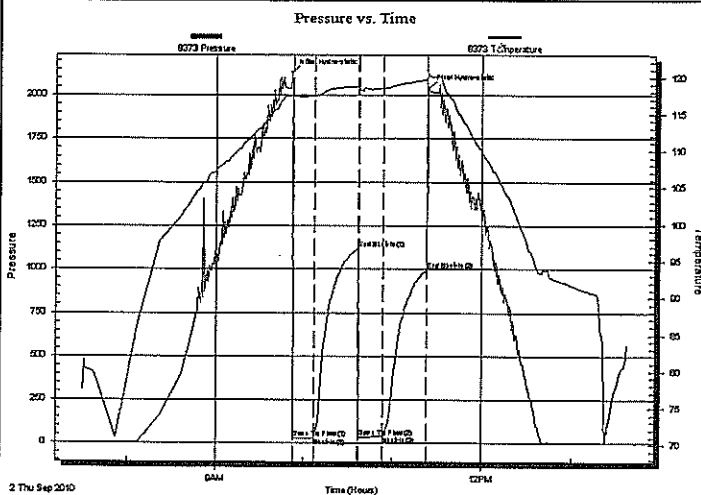
Capacity: 8000.00 psig

Last Calib.: 2010.09.02

Time On Btm: 2010.09.02 @ 09:51:30

Time Off Btm: 2010.09.02 @ 11:23:45

TEST COMMENT: IF: 1/4 blow died in 10 min.
IS: No return.
FF: No blow . Flushed tool no blow .
FS: No return.



PRESSURE SUMMARY

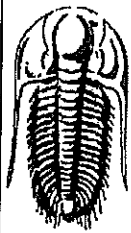
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2128.69	117.59	Initial Hydro-static
2	27.65	117.42	Open To Flow (1)
16	31.97	117.44	Shut-in(1)
46	1120.37	118.84	End Shut-in(1)
46	33.16	118.37	Open To Flow (2)
63	38.93	118.52	Shut-in(2)
92	997.62	119.68	End Shut-in(2)
93	2041.61	120.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Paul Beckman A 1-14

P.O. Box 8050
Edmond, Ok 73083

14-10-31 Thomas, Ks

ATTN: Steve Murphy

Job Ticket: 040232

DST#: 2

Test Start: 2010.09.02 @ 07:30:20

Tool Information

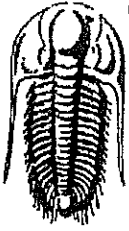
Drill Pipe:	Length: 3870.00 ft	Diameter: 3.80 inches	Volume: 54.29 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 303.00 ft	Diameter: 2.25 inches	Volume: 1.49 bbl	Weight to Pull Loose: 110000.0 lb
			Total Volume: 55.78 bbl	Tool Chased 5.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4182.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	91.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4159.00	
Shut In Tool	5.00			4164.00	
Hydraulic tool	5.00			4169.00	
Jars	5.00			4174.00	
Safety Joint	3.00			4177.00	
Packer	5.00			4182.00	24.00 Bottom Of Top Packer
Packer - Shale	4.00			4186.00	
Stubb	1.00			4187.00	
Recorder	0.00	8373	Inside	4187.00	
Recorder	0.00	8289	Outside	4187.00	
Perforations	24.00			4211.00	
Change Over Sub	1.00			4212.00	
Drill Pipe	31.00			4243.00	
Change Over Sub	1.00			4244.00	
Bullnose	5.00			4249.00	67.00 Anchor Tool

Total Tool Length: 91.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.
P.O. Box 8050
Edmond, Ok 73083

ATTN: Steve Murphy

Paul Beckman A 1-14
14-10-31 Thomas, Ks
Job Ticket: 040232 DST#: 2
Test Start: 2010.09.02 @ 07:30:20

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.97 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

