

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

RECEIVED ORIGINAL

AUG 04 2010

Form ACO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM KCC WICHITA**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/1/12

OPERATOR: License # 3293

Name: Russell Oil Inc

Address 1: PO BOX 8050

Address 2: \_\_\_\_\_

City: Edmond State: OK Zip: 73083 + \_\_\_\_\_

Contact Person: Ivan LeRoy Holt II

Phone: (405) 752-7600

CONTRACTOR: License # 33793

Name: H2 Drilling LLC

Wellsite Geologist: Steven Angle

Purchaser: NA

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  SWD  SIOW

Gas  ENHR  SIGW

CM (Coal Bed Methane)  Temp. Abd.

Dry  Other \_\_\_\_\_

(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD

Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_

Commingled Docket No.: \_\_\_\_\_

Dual Completion Docket No.: \_\_\_\_\_

Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_

04/14/2010 04/24/2010 04/25/2010

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-109-20890-00-00

Spot Description: \_\_\_\_\_

SW NE SE Sec. 36 Twp. 12 S. R. 34  East  West

2270 Feet from  North /  South Line of Section

620 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Logan

Lease Name: Brian Beckman Well #: 1-36

Field Name: Wildcat

Producing Formation: NA

Elevation: Ground: 3077' Kelly Bushing: 3088'

Total Depth: 4750' Plug Back Total Depth: na

Amount of Surface Pipe Set and Cemented at: 300' Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan FANS 813-10  
(Data must be collected from the Reserve Pit)

Chloride content: 21000 ppm Fluid volume: 1050 bbls

Dewatering method used: evaporation

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Ivan LeRoy Holt II

Title: President Date: 8/1/2010

Subscribed and sworn to before me this 1<sup>ST</sup> day of AUGUST

20 10  
Notary Public: Patti L Holt

Date Commission Expires: 6/1/2014

PATTI L. HOLT  
NOTARY PUBLIC - STATE OF OKLAHOMA  
MY COMMISSION EXPIRES: JUNE 07, 2014  
MY COMMISSION # 10004554

**KCC Office Use ONLY**

Letter of Confidentiality Received 8/1/10 - 8/1/12

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

KCC

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Side Two

Operator Name: Russell Oil Inc

Lease Name: Brian Beckman

Well #: 1-36

Sec. 36 Twp. 12 S. R. 34  East  West

County: Logan

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
(Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
(Submit Copy)

Log Formation (Top), Depth and Datum  Sample  
Name Top Datum

See Enclosed Geologist Report

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KCC WICHITA

List All E. Logs Run: dual compensated porosity; borehole compensated sonic; dual induction; microsensitivity; computer processed interpretation

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	23#	300'	common	190	3% c.c: 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record		Depth
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used)		

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# ALLIED CEMENTING CO., LLC. 038830

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

AUG 01 2010

SERVICE POINT: *Dakley Ky*

CONFIDENTIAL

DATE <i>4/25/10</i>	SEC <i>30</i>	TWP. <i>12</i>	RANGE <i>34</i>	CALLED OUT	ON LOCATION <i>5:00pm</i>	JOB START <i>9:30p</i>	JOB FINISH <i>10:30p</i>
LEASE <i>Brian Beckman</i>		WELL # <i>1-36</i>	LOCATION <i>Monument 5 to southeast</i>	COUNTY <i>Logan</i>	STATE <i>Ks</i>		
OLD OR NEW (Circle one)			<i>W 1 1/4 N into</i>				

CONTRACTOR *H2 PTA*

TYPE OF JOB *PTA*

HOLE SIZE *7 7/8* T.D.

CASING SIZE *8 7/8* DEPTH

TUBING SIZE DEPTH

DRILL PIPE *4 1/2* DEPTH

TOOL DEPTH

PRES. MAX. MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER *Same*

CEMENT *245*

AMOUNT ORDERED *220 SK, 60/40 4070 gel 14/16 Flo Seal*

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

# *422* HELPER *Wayne*

BULK TRUCK

# *473-2877* DRIVER *Glen - Russell*

BULK TRUCK

# DRIVER

COMMON <i>195</i>	@ <i>15.45</i>	<i>2250.75</i>
POZMIX <i>100</i>	@ <i>8.00</i>	<i>800.00</i>
GEL <i>8</i>	@ <i>20.00</i>	<i>166.40</i>
CHLORIDE	@	
ASC	@	
<i>Flo Seal 60.5/16</i>	@ <i>2.50</i>	<i>151.25</i>
RECEIVED	@	
AUG 04 2010	@	
KCC WICHITA	@	
HANDLING <i>232 255</i>	@ <i>2.40</i>	<i>612.00</i>
MILEAGE <i>100 SK/mile</i>	@	<i>960.00</i>
TOTAL		<i>4530.90</i>

REMARKS:

*25 SK @ 25.50*

*100 SK @ 14.28*     *25 SK @ 9.55*

*40 SK @ 3.50*

*10 SK @ 4.00*

*15 SK @ main hole*

*30 SK @ put hole*

CHARGE TO: *Russell Oil*

STREET \_\_\_\_\_ BY: \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<i>2555'</i>	
PUMP TRUCK CHARGE		<i>1018.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>22</i>	@ <i>7.00</i>	<i>154.00</i>
MANIFOLD	@	
TOTAL		<i>1172.00</i>

PLUG & FLOAT EQUIPMENT

<i>8 7/8 Wooden Plug</i>	@	<i>69.00</i>
	@	
	@	
	@	
	@	
TOTAL		<i>69.00</i>

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME *James Shultz*

SIGNATURE *[Signature]*

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., LLC. 039170

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

KCC

SERVICE POINT:

*Oakley, KS  
411512*

AUG 01 2010

DATE <i>9/14/10</i>	SEG <i>36</i>	TWP. <i>12</i>	RANGE <i>34</i>	CALLER OUT <i>CONFIDENTIAL</i>	ON LOCATION <i>[initials]</i>	JOB START <i>11:00am</i>	JOB FINISH <i>11:30am</i>
LEASE <i>Brian Beckman</i>		WELL # <i>1-36</i>	LOCATION <i>Monument 10 S 3/4 W</i>		COUNTY <i>Logan</i>	STATE <i>KS</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<i>Nuto</i>					

CONTRACTOR *H2 Drilling*

TYPE OF JOB *Sur Face*

HOLE SIZE *12 1/4* T.D. *300'*

CASING SIZE *8 7/8* DEPTH *300'*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. *15'*

PERFS.

DISPLACEMENT *18.15 BBL H<sub>2</sub>O*

OWNER *Same*

CEMENT AMOUNT ORDERED *190 SKS com 370 cu 207 gal*

COMMON	<i>190</i>	@	<i>15.45</i>	<i>2935.00</i>
POZMIX		@		
GEL	<i>4</i>	@	<i>20.82</i>	<i>83.28</i>
CHLORIDE	<i>5</i>	@	<i>80.82</i>	<i>407.40</i>
ASC		@		

EQUIPMENT

PUMP TRUCK CEMENTER *Alan*

# *422* HELPER *Wayne*

BULK TRUCK DRIVER *Colene*

# DRIVER

RECEIVED

AUG 04 2010

KCC WICHITA

HANDLING	<i>201</i>	@	<i>2.40</i>	<i>482.40</i>
MILEAGE	<i>104 SK/mile</i>	@		<i>442.00</i>
TOTAL				<i>4350.00</i>

REMARKS: *Cement did circulate*

*Thank You!*  
*Alan, Wayne, Colene*

CHARGE TO: *Russell Oil*

STREET

CITY STATE ZIP

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APR 27 2010

TOTAL *1172.00*

BY:.....PLUG & FLOAT EQUIPMENT

<i>8 7/8 Plug</i>	@	<i>68.00</i>
	@	
	@	
	@	
	@	
TOTAL		<i>68.00</i>

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

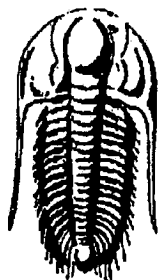
PRINTED NAME: *James Shultz*

SIGNATURE: *[Signature]*

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Russell Oil, Inc.**

P.O. Box 1469  
Plainfield, IL 60544

**KCC  
AUG 01 2010  
CONFIDENTIAL**

ATTN: Steve Angle

**36/12/34 Logan, KS**

**Brian Beckman 1-36**

Start Date: 2010.04.19 @ 18:31:06

End Date: 2010.04.20 @ 03:06:35

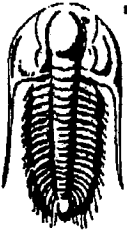
Job Ticket #: 37525                      DST #: 1

**RECEIVED  
AUG 04 2010  
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.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 37525

DST#: 1

ATTN: Steve Angle

Test Start: 2010.04.19 @ 18:31:06

## GENERAL INFORMATION:

Formation: **Toronto/KC**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 20:46:45  
 Time Test Ended: 03:06:35

Test Type: **Conventional Bottom Hole**  
 Tester: **Chris Hagman**  
 Unit No: **34**

Interval: **3962.00 ft (KB) To 4033.00 ft (KB) (TVD)**  
 Total Depth: **4033.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3089.00 ft (KB)**  
**3078.00 ft (CF)**  
 KB to GR/CF: **11.00 ft**

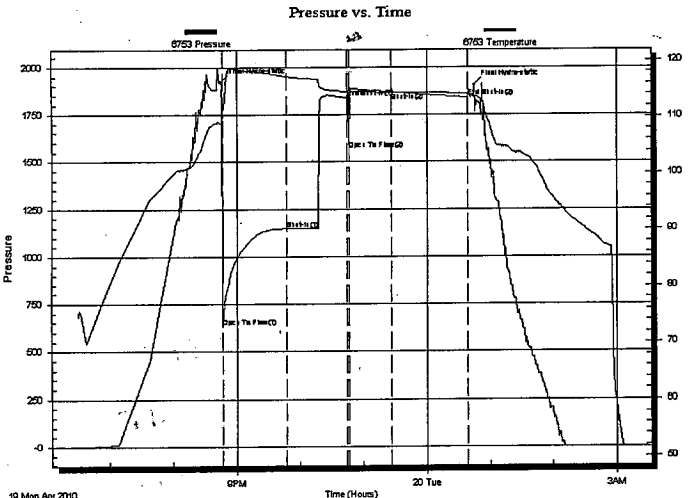
## Serial #: 6753

Inside

Press@RunDepth: **1866.99 psig @ 3966.00 ft (KB)**  
 Start Date: **2010.04.19** End Date: **2010.04.20**  
 Start Time: **18:31:06** End Time: **03:06:35**

Capacity: **8000.00 psig**  
 Last Calib.: **2010.04.20**  
 Time On Btm: **2010.04.19 @ 20:44:35**  
 Time Off Btm: **2010.04.20 @ 00:45:15**

TEST COMMENT: IF: BOB 30 sec., strong dying blow  
 IS: No blow back  
 FF: 4 inches in 30 sec., died 35 min.  
 FS: No blow back



## PRESSURE SUMMARY

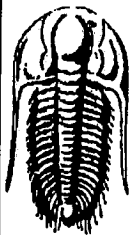
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.93	108.87	Initial Hydro-static
3	629.62	111.25	Open To Flow (1)
63	1147.38	117.15	Shut-In(1)
121	1839.86	114.41	End Shut-In(1)
122	1566.05	114.20	Open To Flow (2)
163	1866.99	114.22	Shut-In(2)
234	1839.33	114.10	End Shut-In(2)
241	1906.44	113.88	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1760.00	100%W	19.17

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Russell Oil, Inc.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 37525

**DST#: 1**

ATTN: Steve Angle

Test Start: 2010.04.19 @ 18:31:06

## Tool Information

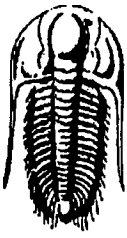
Drill Pipe:	Length: 3342.00 ft	Diameter: 3.80 inches	Volume: 46.88 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 606.00 ft	Diameter: 2.25 inches	Volume: 2.98 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 49.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	3962.00 ft			Final 95000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	71.00 ft			
Tool Length:	99.00 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			3935.00	
Shut In Tool	5.00			3940.00	
Hydraulic tool	5.00			3945.00	
Jars	5.00			3950.00	
Safety Joint	3.00			3953.00	
Packer	5.00			3958.00	28.00 Bottom Of Top Packer
Packer	4.00			3962.00	
Stubb	1.00			3963.00	
Perforations	3.00			3966.00	
Recorder	0.00	8374	Inside	3966.00	
Recorder	0.00	6753	Inside	3966.00	
Change Over Sub	1.00			3967.00	
Drill Pipe	62.00			4029.00	
Change Over Sub	1.00			4030.00	
Bullnose	3.00			4033.00	71.00 Bottom Packers & Anchor

**Total Tool Length: 99.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Russell Oil, Inc.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 37525

DST#: 1

ATTN: Steve Angle

Test Start: 2010.04.19 @ 18:31:06

**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:

70000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.14 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1760.00	100%W	19.168

Total Length: 1760.00 ft      Total Volume: 19.168 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

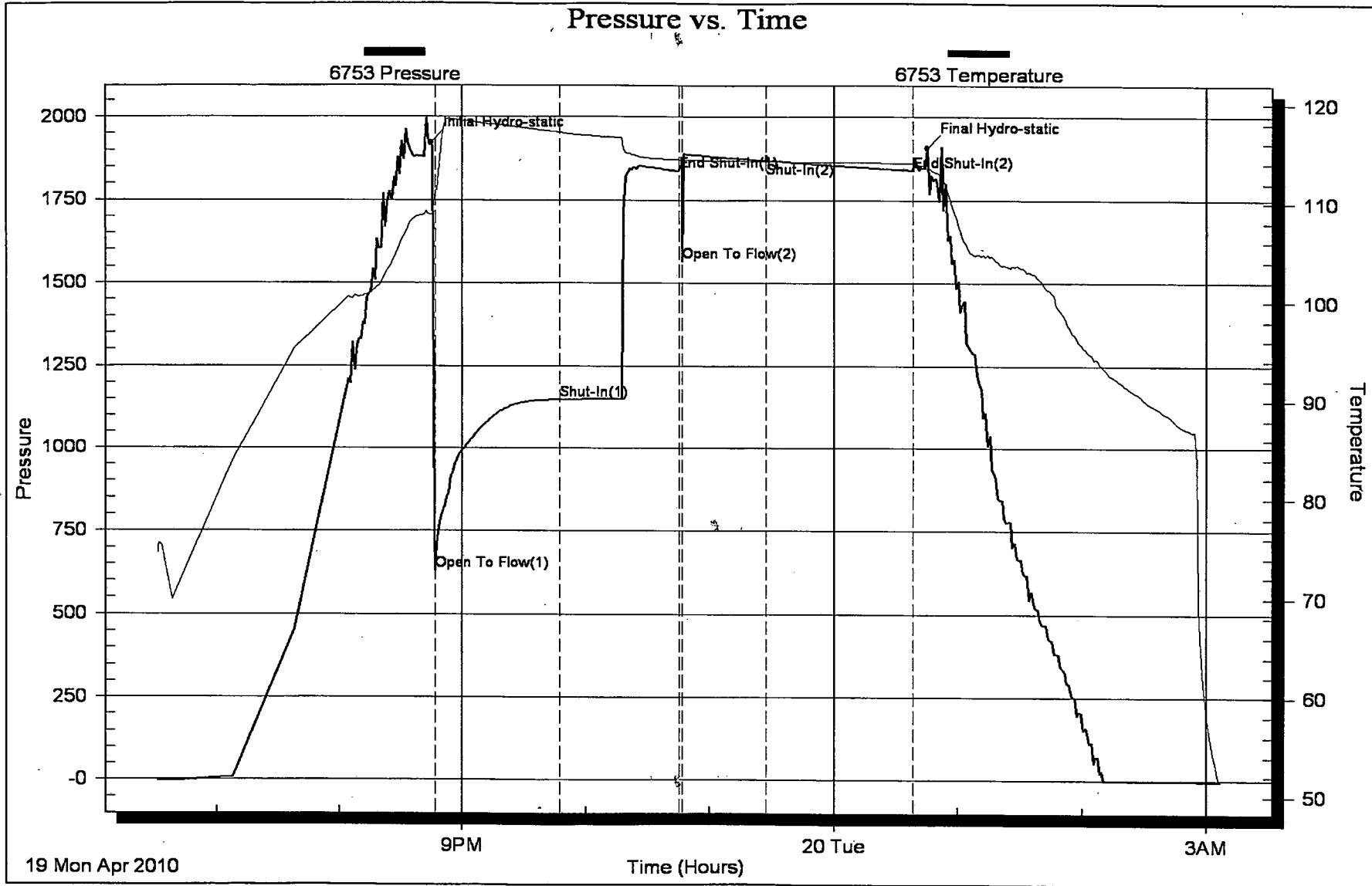
Serial #:

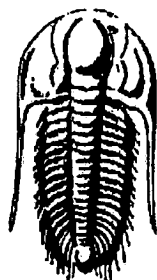
Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.098@77F=70,000ppm







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Russell Oil, Inc.**

P.O. Box 1469  
Plainfield, IL 60544

ATTN: Steve Angle

**36/12/34 Logan, KS**

**Brian Beckman 1-36**

Start Date: 2010.04.20 @ 13:10:36

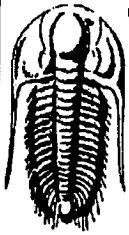
End Date: 2010.04.20 @ 19:51:55

Job Ticket #: 37526                      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

Russell Oil, Inc.

P.O. Box 1469  
Plainfield, IL 60544

ATTN: Steve Angle

**Brian Beckman 1-36**

**36/12/34 Logan, KS**

Job Ticket: 37526

**DST#: 2**

Test Start: 2010.04.20 @ 13:10:36

### GENERAL INFORMATION:

Formation: **Kansas City**  
 Deviated: **No Whipstock** ft (KB)  
 Time Tool Opened: 15:31:45  
 Time Test Ended: 19:51:55

Test Type: **Conventional Bottom Hole**  
 Tester: **Chris Hagman**  
 Unit No: **34**

Interval: **4059.00 ft (KB) To 4087.00 ft (KB) (TVD)**  
 Total Depth: **4087.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **3089.00 ft (KB)**  
**3078.00 ft (CF)**  
 KB to GR/CF: **11.00 ft**

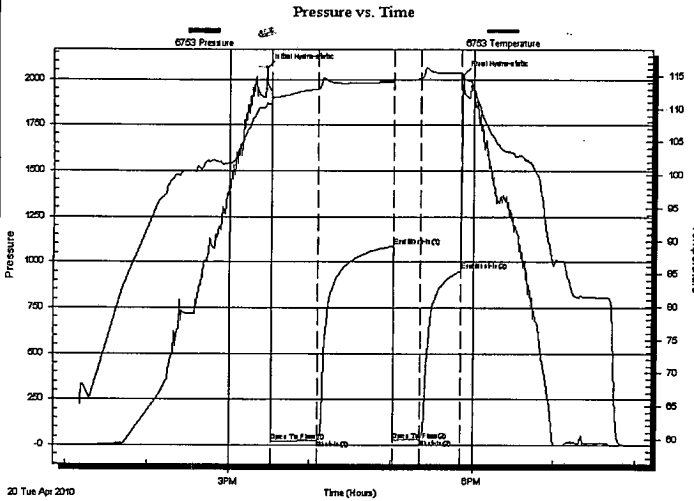
### Serial #: 6753

**Inside**

Press@RunDepth: **31.72 psig @ 4061.00 ft (KB)**  
 Start Date: **2010.04.20** End Date: **2010.04.20**  
 Start Time: **13:10:36** End Time: **19:51:55**

Capacity: **8000.00 psig**  
 Last Calib.: **2010.04.20**  
 Time On Btm: **2010.04.20 @ 15:27:35**  
 Time Off Btm: **2010.04.20 @ 17:52:15**

TEST COMMENT: IF: Weak surface blow, died 20 min.  
 ISI: No blow back  
 FSI: No blow, flushed tool, no change  
 FSI: No blow back



### PRESSURE SUMMARY

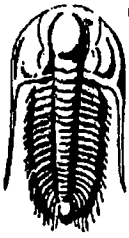
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2062.76	110.79	Initial Hydro-static
5	19.16	111.19	Open To Flow (1)
38	26.59	112.99	Shut-In(1)
94	1088.87	114.13	End Shut-In(1)
95	28.73	114.49	Open To Flow (2)
114	31.72	114.55	Shut-In(2)
144	952.07	115.45	End Shut-In(2)
145	2022.09	114.92	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	oily mud 5%O,95%M	0.05

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Russell Oil, Inc.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 37526

**DST#: 2**

ATTN: Steve Angle

Test Start: 2010.04.20 @ 13:10:36

**Tool Information**

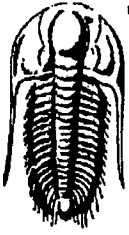
Drill Pipe:	Length: 3435.00 ft	Diameter: 3.80 inches	Volume: 48.18 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 606.00 ft	Diameter: 2.25 inches	Volume: 2.98 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 51.16 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4059.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	56.00 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			4032.00	
Shut In Tool	5.00			4037.00	
Hydraulic tool	5.00			4042.00	
Jars	5.00			4047.00	
Safety Joint	3.00			4050.00	
Packer	5.00			4055.00	28.00 Bottom Of Top Packer
Packer	4.00			4059.00	
Stubb	1.00			4060.00	
Perforations	1.00			4061.00	
Recorder	0.00	8374	Inside	4061.00	
Recorder	0.00	6753	Inside	4061.00	
Perforations	23.00			4084.00	
Bullnose	3.00			4087.00	28.00 Bottom Packers & Anchor

**Total Tool Length: 56.00**



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Russell Oil, Inc.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 37526

**DST#: 2**

ATTN: Steve Angle

Test Start: 2010.04.20 @ 13:10:36

**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:	24000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.54 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6100.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	oily mud 5%O,95%M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

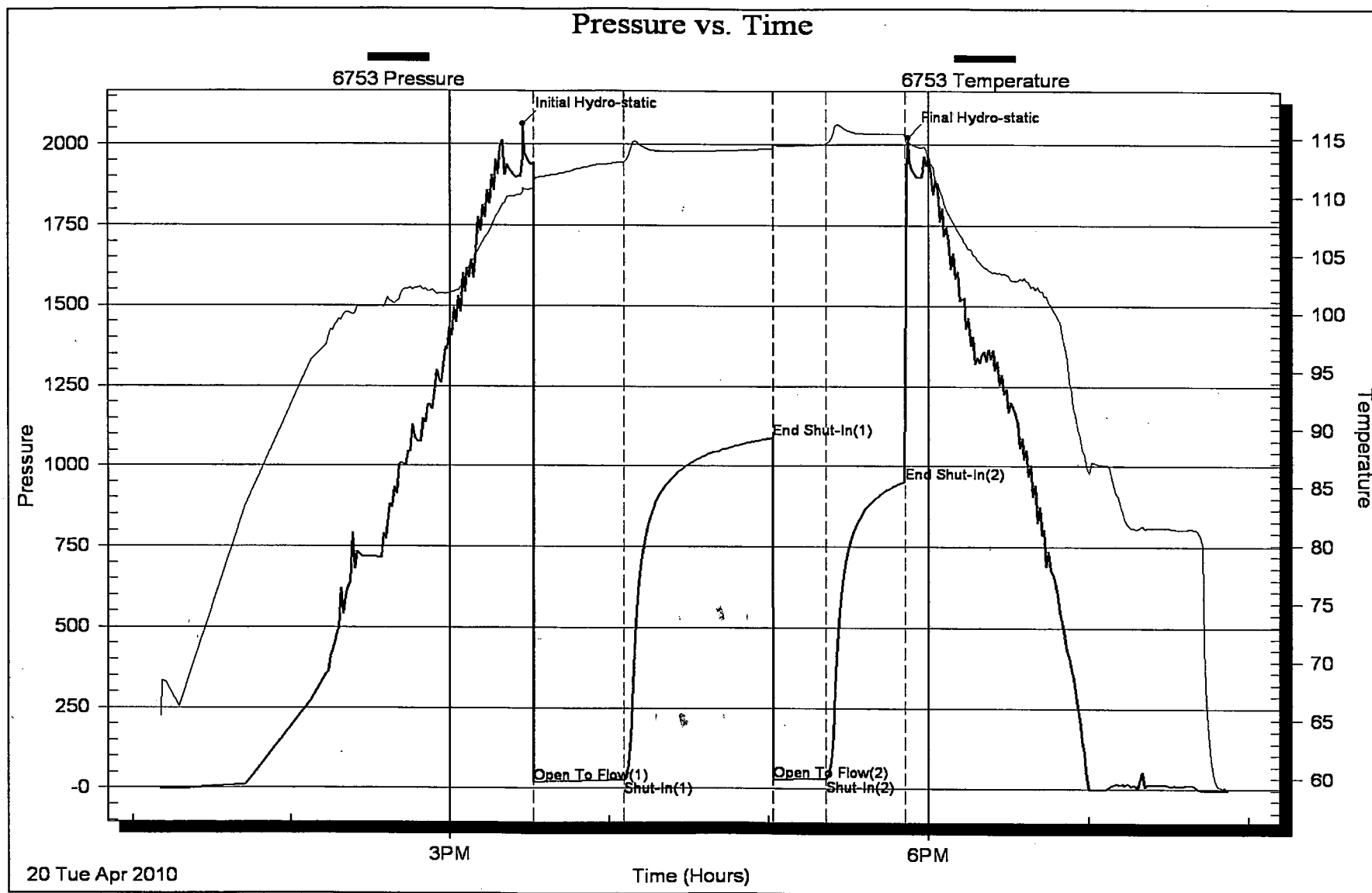
Num Gas Bombs: 0

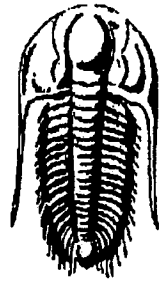
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.261@77F=24,000ppm





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Russell Oil, Inc.**

P.O. Box 1469  
Plainfield, IL 60544

ATTN: Steve Angle

**36/12/34 Logan, KS**

**Brian Beckman 1-36**

Start Date: 2010.04.22 @ 19:04:05

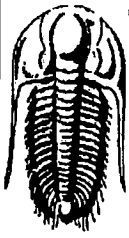
End Date: 2010.04.23 @ 01:30:29

Job Ticket #: 38896                      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

Russell Oil, Inc.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 38896

**DST#: 3**

ATTN: Steve Angle

Test Start: 2010.04.22 @ 19:04:05

## GENERAL INFORMATION:

Formation: **Pawnee - Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:46:29

Time Test Ended: 01:30:29

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **4405.00 ft (KB) To 4506.00 ft (KB) (TVD)**

Reference Elevations: 3089.00 ft (KB)

Total Depth: 4506.00 ft (KB) (TVD)

3078.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8351**

Inside

Press@RunDepth: 30.33 psig @ 4409.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.04.22

End Date:

2010.04.23

Last Calib.: 2010.04.23

Start Time: 19:04:06

End Time:

01:30:29

Time On Btm: 2010.04.22 @ 21:45:29

Time Off Btm: 2010.04.22 @ 23:22:29

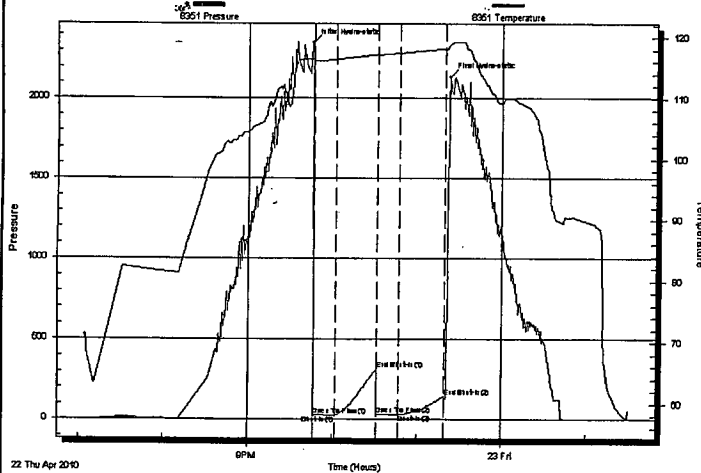
**TEST COMMENT:** IF: 1/4" Blow died @ 10 min.

IS: No return.

FF: No blow, flushed tool, no blow.

FS: No return.

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2347.37	116.62	Initial Hydro-static
1	27.52	116.17	Open To Flow (1)
17	27.11	116.43	Shut-In(1)
46	312.23	117.25	End Shut-In(1)
47	30.06	117.17	Open To Flow (2)
62	30.33	117.48	Shut-In(2)
94	144.26	118.17	End Shut-In(2)
97	2135.39	119.00	Final Hydro-static

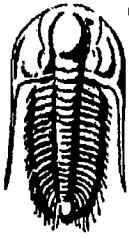
## Recovery

Length (ft)	Description	Volume (bbl)
10.00	OSM 100%M	0.05

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Russell Oil, Inc.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 38896

**DST#: 3**

ATTN: Steve Angle

Test Start: 2010.04.22 @ 19:04:05

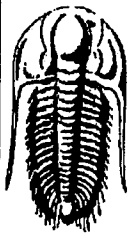
### Tool Information

Drill Pipe:	Length: 3781.00 ft	Diameter: 3.80 inches	Volume: 53.04 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: 22000.00 lb
Drill Collar:	Length: 606.00 ft	Diameter: 2.25 inches	Volume: 2.98 bbl	Weight to Pull Loose: 125000.0 lb
			<u>Total Volume: 56.02 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.50 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	4405.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	128.50 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			4378.50	
Shut In Tool	5.00			4383.50	
Hydraulic tool	5.00			4388.50	
Jars	5.00			4393.50	
Safety Joint	2.50			4396.00	
Packer	5.00			4401.00	27.50 Bottom Of Top Packer
Packer	4.00			4405.00	
Stubb	1.00			4406.00	
Perforations	3.00			4409.00	
Recorder	0.00	8351	Inside	4409.00	
Recorder	0.00	8523	Outside	4409.00	
Perforations	27.00			4436.00	
Change Over Sub	1.00			4437.00	
Drill Pipe	63.00			4500.00	
Change Over Sub	1.00			4501.00	
Bullnose	5.00			4506.00	101.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>128.50</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Russell Oil, Inc.

**Brian Beckman 1-36**

P.O. Box 1469  
Plainfield, IL 60544

**36/12/34 Logan, KS**

Job Ticket: 38896

**DST#: 3**

ATTN: Steve Angle

Test Start: 2010.04.22 @ 19:04:05

**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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	OSM 100%M	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:

