

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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 # 33350  
Name: Southwind Drilling Inc  
Wellsite Geologist: Steve Angle  
Purchaser: Coffeyville Crude

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.: \_\_\_\_\_  
1/3/2010 1/11/2010 01/28/2010  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 195-22633-00-00  
Spot Description: \_\_\_\_\_  
\_\_\_\_\_ NW Sec. 2 Twp. 11 S. R. 23  East  West  
874 Feet from  North /  South Line of Section  
1226 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Trego County  
Lease Name: Laura Well #: 1-2  
Field Name: wildcat  
Producing Formation: Kansas City  
Elevation: Ground: 2277' Kelly Bushing: 2287'  
Total Depth: 4100' Plug Back Total Depth: 4035  
Amount of Surface Pipe Set and Cemented at: 280 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1832 Feet  
If Alternate II completion, cement circulated from: 1832'  
feet depth to: surface w/ 200 sx cmt.

Drilling Fluid Management Plan AH II NR 5-19-10  
(Data must be collected from the Reserve Pit)  
Chloride content: 29000 ppm Fluid volume: 1000 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.

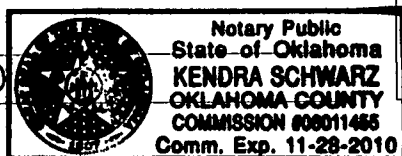
Signature: Ivan L. Holt

Title: Administrative Consultant Date: 5/17/2010

Subscribed and sworn to before me this 17 day of May

20 10

Notary Public: [Signature]  
Date Commission Expires: 11-28-10



KCC Office Use ONLY  
 Letter of Confidentiality Received  
 If Denied, Yes  No Date: 5-19-10  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_ UIC Distribution  
**RECEIVED**  
**MAY 19 2010**

KCC WICHITA

Operator Name: Russell Oil Inc Lease Name: Laura Well #: 1-2  
 Sec. 2 Twp. 11 S. R. 23  East  West County: Trego County

**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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>sector bond;dual induction;microsensivity;dual compensated;computer processed</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  see geologist report
--	--

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"	20#	280'	common	150	3%cc,2% gel
Production	7-7/8"	5-1/2"	15.5#	4090'	AA-2	180	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

RECEIVED  
MAY 19 2010

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
4	LKC "L zone" 3764'-3767'	500 gals 20% NE/CS/DMO; 1000 gals 15% NE/CS/DMO		
4	LKC "lower H zone" 3691-3694'	250 gals 20% NE/CS/DMO; 1000 gals 15% NE/CS/DMO		
4	LKC "upper H zone" 3679.5'-3681.5')	250 gals 20% NE/CS/DMO; 1000 gals 15% NE/CS/DMO		

KCC WICHITA

TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>3906'</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>01/28/2010</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbls. <u>110</u> Gas Mcf <u>0</u> Water Bbls. <u>0</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u> </u> <u> </u>
---	--	--

P.O. Box 8050  
Edmond, OK 73083



405/752-7600  
Fax: 405/752-7607

May 17, 2010

Kansas Corporation Commission  
130 S. Market, Room #2078  
Wichita, KS 67202

RE: Laura #1-2  
API #15-195-22633-00-00  
Sec. 2-11S-23W  
Trego County, KS

Attention:

Enclosed find the completed ACO-1 Form for the above captioned well. The required ACO-1 photocopies and attachments are also enclosed. Please do note that the ACO-1 Form is provided within 120 days of spud date for the well.

**It is our desire to have you hold CONFIDENTIAL page 2 (and the various attachments provided thereto) of this form as well as the electric logs, for the maximum time period allowed by law.**

Your attention to this matter will be appreciated. Please direct any questions regarding this ACO-1 Form or the request for confidentiality to my attention at the address on the letterhead above.

Sincerely,

Patti L. Holt  
Administrative Consultant  
Russell, Oil, Inc.

RECEIVED  
MAY 19 2010  
KCC WICHITA



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.  
P.O. Box 129  
Liberal, Kansas 67905  
Phone 620-624-2277

FIELD SERVICE TICKET  
1717 00458 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 1-11-10 DISTRICT Liberal		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:				
CUSTOMER Russel Oil Company		LEASE Laura		WELL NO. 1-2		
ADDRESS		COUNTY Trego		STATE KS		
CITY		STATE		SERVICE CREW Arrington/Cochran		
AUTHORIZED BY Jerry Bennett IRB		JOB TYPE: 2 4/2 Cement 5 1/2 Latch Down				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 1-11-10 DATE AM/PM TIME
27808	9					ARRIVED AT JOB 1-11-10 AM/PM 2:00
19553	9					START OPERATION 1-11-10 AM/PM 6:30
19827	9					FINISH OPERATION 1-11-10 AM/PM 11:50
19566	9					RELEASED 1-11-10 AM/PM 15:45
						MILES FROM STATION TO WELL 107

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Todd Brown  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL 105	AA2 Cement	SK	180		3276 00
CL 101	A-Can Blend	SK	250		4650 00
CC 111	Salt (Fine)	lb	935		467 50
CC 201	Gilsonite	lb	902		603 07
CC 124	FLA-115	lb	102		1530 00
CC 107	CAF 38 Deframer	lb	43		301 00
CC 109	Calcium Chloride	lb	705		740 25
CC 102	Cello-floke	lb	59		218 30
CC 130	WCA-1	lb	47		1175 00
CF 601	5 1/2 Latch Down Plug P Assembly	EA	1		850 00
CF 401	2 Stage Cement Celler 5 1/2	EA	1		6100 00
CF 1251	Ant. Full Float shoe 5 1/2	EA	1		360 00
CF 1901	5 1/2 Basket	EA	1		290 00
CF 1651	Turbolizer 5 1/2	EA	11		1210 00
CF 2002	Cement Scratcher Rotating Type	EA	15		750 00
CE 501	Casing Swivel Rental	EA	1		200 00
CC 155	Super Flush II	gal	500		765 00
E 101	Heavy Equipment Mileage	Mi	200		1400 00
CE 240	Blending & Mixing	SK	430		1002 00
SUB TOTAL					17,516 43

CHEMICAL / ACID DATA:

RECEIVED

MAY 19 2010

KCC WICHITA

SERVICE & EQUIPMENT %TAX ON \$  
MATERIALS %TAX ON \$

TOTAL

SERVICE REPRESENTATIVE [Signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Todd Brown

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

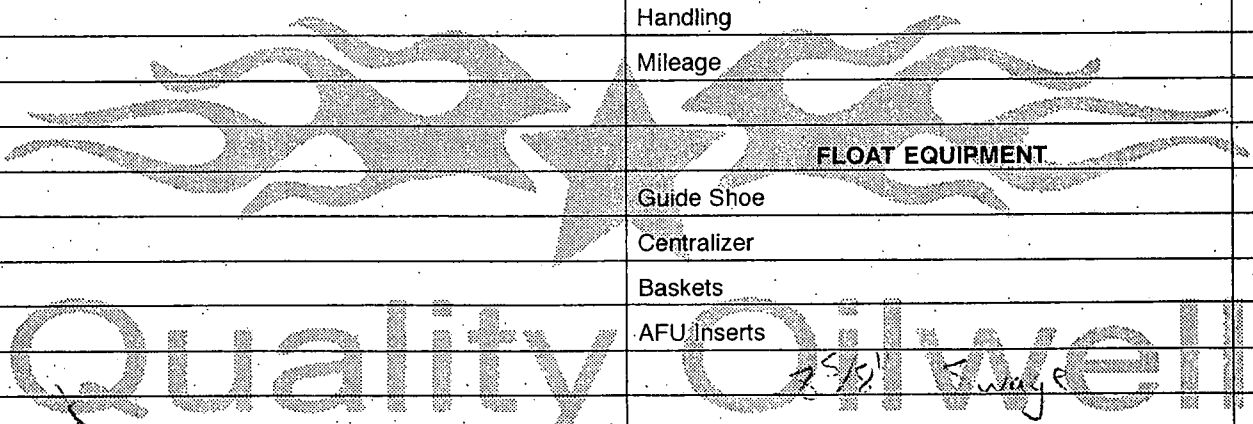
FIELD SERVICE ORDER NO.

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

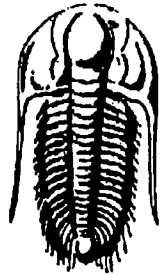
Home Office P.O. Box 32 Russell, KS 67665

No. 3504

Date	1/3/10	Sec.	2	Twp.	11	Range	23	County	Trego	State	KC	On Location		Finish	7:00 AM	
Lease	Laura	Well No.	1-3		Location ANAKERRY, N to P Ed. 1/2 E, N into											
Contractor	Southwind Drilling Rig #1				Owner											
Type Job	Surface				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.											
Hole Size	12 1/4"		T.D.	223'		Charge To										
Csg.	7 5/8" 20#		Depth	279'		Russell Oil, Inc.										
Tbg. Size			Depth	Street												
Tool			Depth	City State												
Cement Left in Csg.	15'		Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.												
Meas Line			Displace	17 1/4 Bbls.		CEMENT										
<b>EQUIPMENT</b>				Amount Ordered												
Pumptrk	1	No.	Cementor	Paul		150 sq Com 3 3/4 CC 2 1/2 gel										
			Helper	Common												
Bulktrk	8	No.	Driver	Brandon		Poz. Mix										
			Driver													
Bulktrk	PU	No.	Driver	Rocky		Gel.										
			Driver													
<b>JOB SERVICES &amp; REMARKS</b>				Calcium												
Remarks:	Cement Circulated				Hulls											
					Salt											
					Flowseal											
					Handling											
					Mileage											
				<b>FLOAT EQUIPMENT</b>												
					Guide Shoe											
					Centralizer											
					Baskets											
					AFU Inserts											
																
				<div style="text-align: right;"> <p>RECEIVED</p> <p>MAY 19 2010</p> <p>KCC WICHITA</p> </div>												
				Pumptrk Charge												
				Mileage												
				Tax												
				Discount												
				Total Charge												
X Signature	Frank Rouse															

Thank You!!

RECEIVED  
MAY 19 2010  
KCC WICHITA



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469  
Plainfield IL 60544

ATTN: Ivan Holt

**2 11 23 Trego KS**

**Laura # 1-2**

Start Date: 2010.01.06 @ 21:45:59

End Date: 2010.01.07 @ 07:54:59

Job Ticket #: 36835                      DST #: 1

RECEIVED

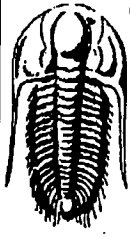
MAY 19 2010

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  
PO Box 1469  
Plainfield IL 60544  
ATTN: Ivan Holt

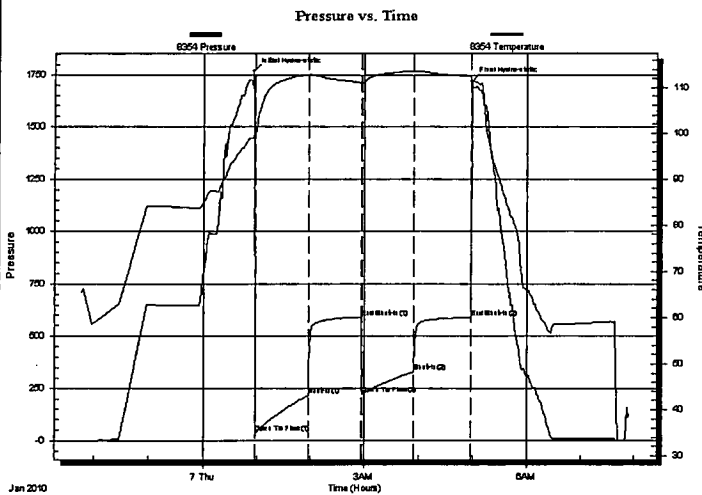
**Laura # 1-2**  
**2 11 23 Trego KS**  
Job Ticket: 36835      **DST#: 1**  
Test Start: 2010.01.06 @ 21:45:59

### GENERAL INFORMATION:

Formation: **A LKC**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: 00:58:29  
Time Test Ended: 07:54:59  
Interval: **3544.00 ft (KB) To 3580.00 ft (KB) (TVD)**  
Total Depth: **3580.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Dan Bangle**  
Unit No: **38**  
Reference Elevations: **2287.00 ft (KB)**  
**2277.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 8354**      **Inside**  
Press@RunDepth: **331.32 psig @ 3545.00 ft (KB)**  
Start Date: **2010.01.06**      End Date: **2010.01.07**  
Start Time: **21:46:00**      End Time: **07:54:59**  
Capacity: **8000.00 psig**  
Last Calib.: **2010.01.07**  
Time On Btm: **2010.01.07 @ 00:56:29**  
Time Off Btm: **2010.01.07 @ 04:58:59**

**TEST COMMENT:** IF-Strong B-B in 6 min  
ISI-Weak steady surface blow  
FF-Strong B-B in 16 min  
FSI-Weak steady surface blow



### PRESSURE SUMMARY

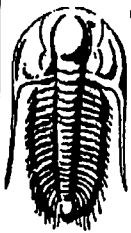
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1768.13	99.53	Initial Hydro-static
2	36.11	99.78	Open To Flow (1)
61	216.77	112.70	Shut-In(1)
120	590.59	111.00	End Shut-In(1)
121	220.46	110.99	Open To Flow (2)
179	331.32	113.47	Shut-In(2)
242	588.83	112.35	End Shut-In(2)
243	1720.84	110.51	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
453.00	Wtr	6.35
185.00	MCO 60%o 40%m	2.60
45.00	CO	0.63
0.00	185 GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Russell Oil Inc

**Laura # 1-2**

PO Box 1469  
Plainfield IL 60544

**2 11 23 Trego KS**

Job Ticket: 36835

**DST#: 1**

ATTN: Ivan Holt

Test Start: 2010.01.06 @ 21:45:59

**Tool Information**

Drill Pipe:	Length: 3533.00 ft	Diameter: 3.80 inches	Volume: 49.56 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 49.56 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3544.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

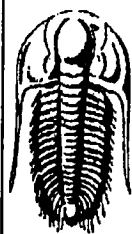
Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3517.00	
Shut In Tool	5.00			3522.00	
Hydraulic tool	5.00			3527.00	
Jars	5.00			3532.00	
Safety Joint	3.00			3535.00	
Packer	5.00			3540.00	28.00 Bottom Of Top Packer
Packer	4.00			3544.00	
Stubb	1.00			3545.00	
Recorder	0.00	8354	Inside	3545.00	
Recorder	0.00	8520	Outside	3545.00	
Perforations	32.00			3577.00	
Bullnose	3.00			3580.00	36.00 Bottom Packers & Anchor

**Total Tool Length: 64.00**





**TRILOBITE**  
**TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc  
PO Box 1469  
Plainfield IL 60544  
ATTN: Ivan Holt

Laura # 1-2  
2 11 23 Trego KS  
Job Ticket: 36835      DST#: 1  
Test Start: 2010.01.06 @ 21:45:59

### Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	36 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.19 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2500.00 ppm				
Filter Cake:	inches				

### Recovery Information

Recovery Table

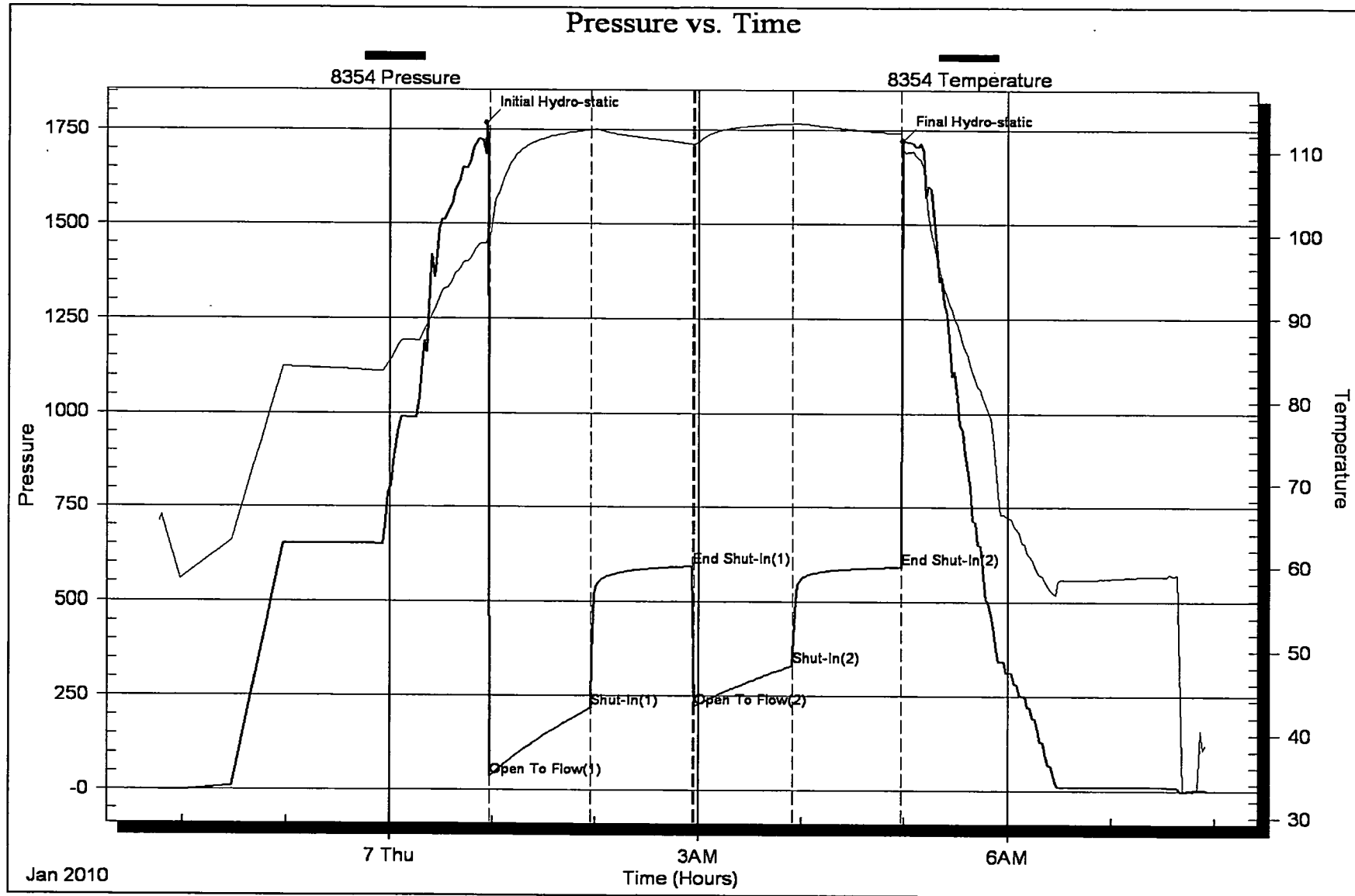
Length ft	Description	Volume bbbl
453.00	Wtr	6.354
185.00	MCO 60%o 40%m	2.595
45.00	CO	0.631
0.00	185 GIP	0.000

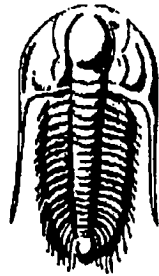
Total Length: 683.00 ft      Total Volume: 9.580 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469  
Plainfield IL 60544

ATTN: Ivan Holt

**2 11 23 Trego KS**

**Laura # 1-2**

Start Date: 2010.01.07 @ 23:40:32

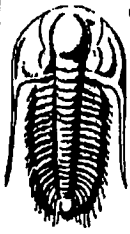
End Date: 2010.01.08 @ 08:23:32

Job Ticket #: 36836                      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  
PO Box 1469  
Plainfield IL 60544  
ATTN: Ivan Holt

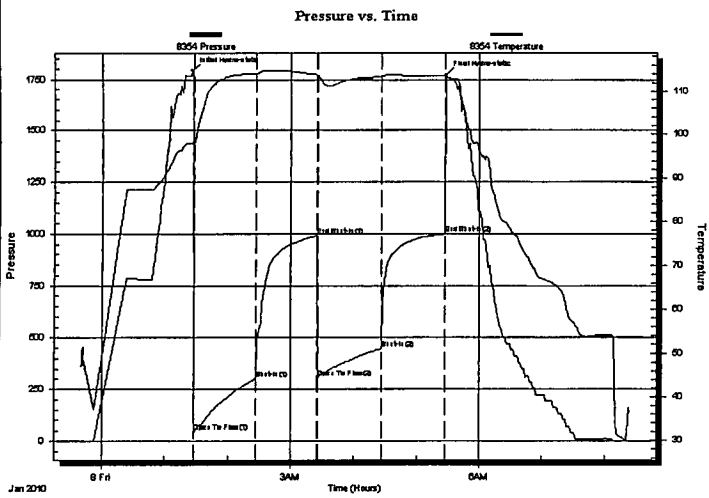
**Laura # 1-2**  
**2 11 23 Trego KS**  
Job Ticket: 36836      **DST#: 2**  
Test Start: 2010.01.07 @ 23:40:32

### GENERAL INFORMATION:

Formation: **LKC**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: 01:27:32  
Time Test Ended: 08:23:32  
Interval: **3597.00 ft (KB) To 3649.00 ft (KB) (TVD)**  
Total Depth: **3649.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Dan Bangle**  
Unit No: **38**  
Reference Elevations: **2287.00 ft (KB)**  
**2277.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 8354**      **Inside**  
Press@RunDepth: **445.81 psig @ 3600.00 ft (KB)**  
Start Date: **2010.01.07**      End Date: **2010.01.08**  
Start Time: **23:40:33**      End Time: **08:23:32**  
Capacity: **8000.00 psig**  
Last Calib.: **2010.01.08**  
Time On Btm: **2010.01.08 @ 01:25:32**  
Time Off Btm: **2010.01.08 @ 05:27:32**

**TEST COMMENT:** IF-Strong B-B in 5 min  
ISI-Weak building to 1/2"  
FF-Strong B-B in 14 min  
FSI-Weak building to 3/4"



### PRESSURE SUMMARY

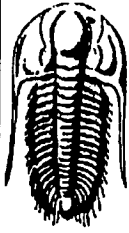
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.49	97.91	Initial Hydro-static
2	44.29	98.00	Open To Flow (1)
62	303.22	113.95	Shut-In(1)
119	988.78	113.77	End Shut-In(1)
120	307.31	113.52	Open To Flow (2)
181	445.81	113.23	Shut-In(2)
241	997.62	113.42	End Shut-In(2)
242	1770.32	113.27	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
558.00	Wtr	7.83
320.00	CO	4.49
155.00	MCO 70%o 30%m	2.17
0.00	1270 GIP	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 1469  
Plainfield IL 60544  
ATTN: Ivan Holt

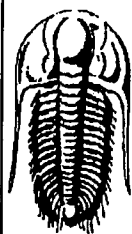
**Laura # 1-2**  
**2 11 23 Trego KS**  
Job Ticket: 36836      **DST#: 2**  
Test Start: 2010.01.07 @ 23:40:32

**Tool Information**

Drill Pipe:	Length: 3596.00 ft	Diameter: 3.80 inches	Volume: 50.44 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 50.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3597.00 ft			Final 40000.00 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			3570.00	
Shut In Tool	5.00			3575.00	
Hydraulic tool	5.00			3580.00	
Jars	5.00			3585.00	
Safety Joint	3.00			3588.00	
Packer	5.00			3593.00	28.00      Bottom Of Top Packer
Packer	4.00			3597.00	
Stubb	1.00			3598.00	
Perforations	1.00			3599.00	
Change Over Sub	1.00			3600.00	
Recorder	0.00	8354	Inside	3600.00	
Recorder	0.00	8520	Outside	3600.00	
Drill Pipe	31.00			3631.00	
Change Over Sub	1.00			3632.00	
Perforations	14.00			3646.00	
Bullnose	3.00			3649.00	52.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>80.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Russell Oil Inc

**Laura # 1-2**

PO Box 1469  
Plainfield IL 60544

**2 11 23 Trego KS**

Job Ticket: 36836

**DST#: 2**

ATTN: Ivan Holt

Test Start: 2010.01.07 @ 23:40:32

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
558.00	Wtr	7.827
320.00	CO	4.489
155.00	MCO 70%o 30%m	2.174
0.00	1270 GIP	0.000

Total Length: 1033.00 ft

Total Volume: 14.490 bbl

Num Fluid Samples: 0

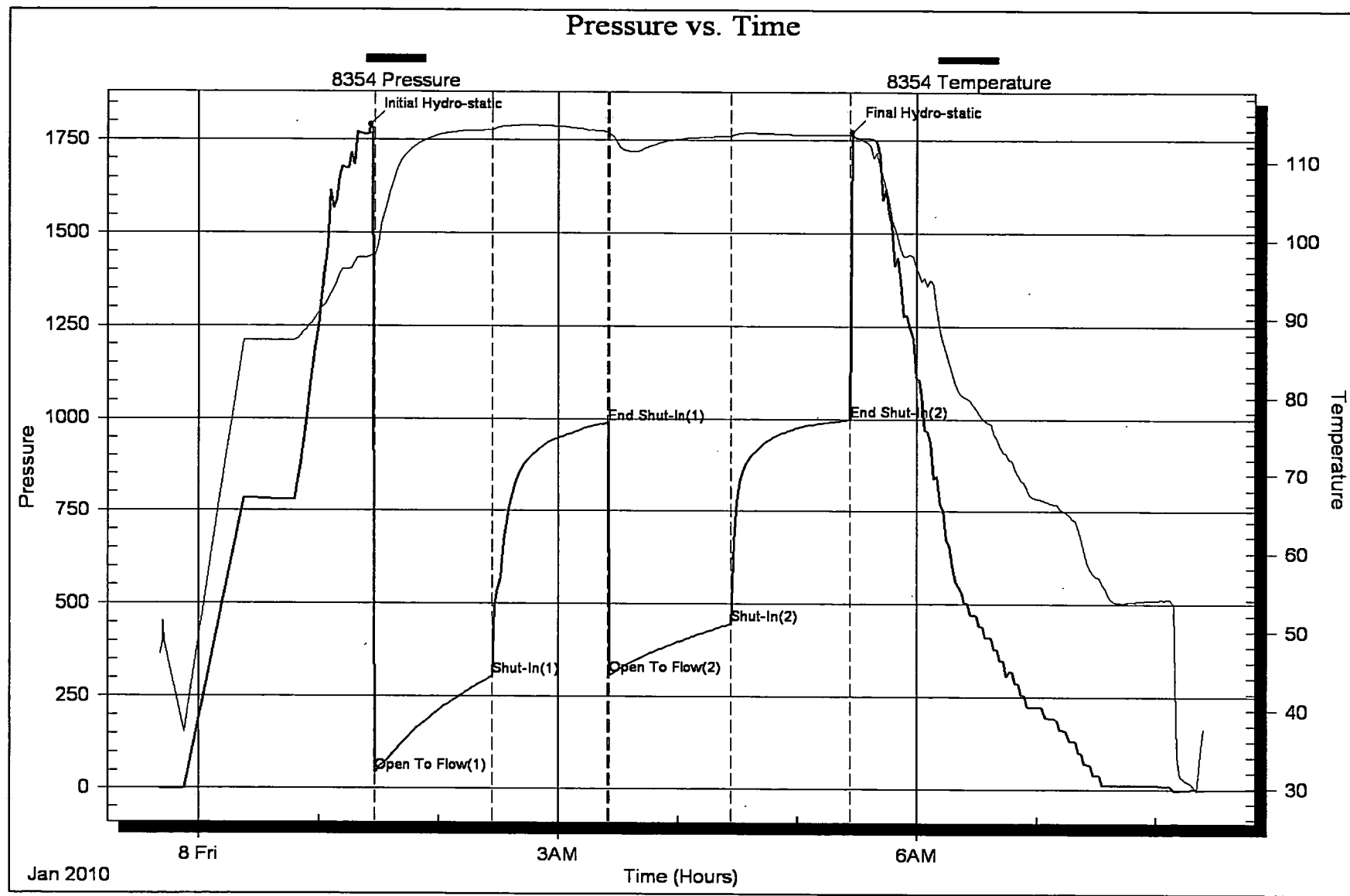
Num Gas Bombs: 0

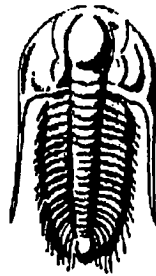
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469  
Plainfield IL 60544

ATTN: Ivan Holt

**2 11 23 Trego KS**

**Laura # 1-2**

Start Date: 2010.01.08 @ 18:40:47

End Date: 2010.01.09 @ 02:29:47

Job Ticket #: 36837                      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  
PO Box 1469  
Plainfield IL 60544  
ATTN: Ivan Holt

**Laura # 1-2**  
**2 11 23 Trego KS**  
Job Ticket: 36837      **DST#: 3**  
Test Start: 2010.01.08 @ 18:40:47

### GENERAL INFORMATION:

Formation: **F-G LKC**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 20:32:47  
Time Test Ended: 02:29:47

Test Type: **Conventional Bottom Hole**  
Tester: **Dan Bangle**  
Unit No: **38**

Interval: **3649.00 ft (KB) To 3705.00 ft (KB) (TVD)**  
Total Depth: **3705.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2287.00 ft (KB)**  
**2277.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

### Serial #: 8354

Inside

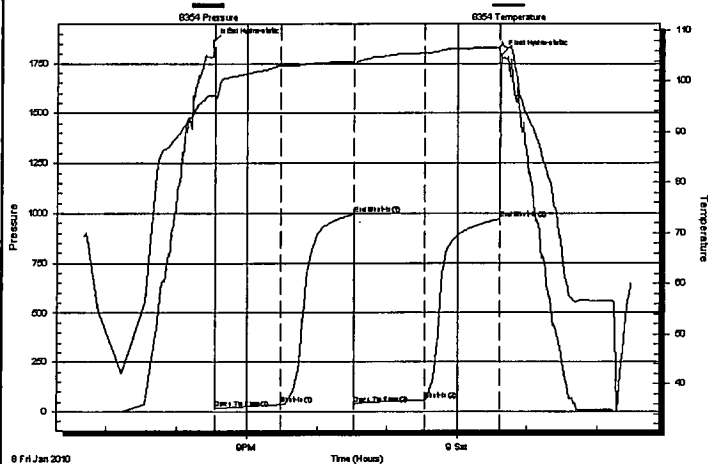
Press@RunDepth: **59.91 psig @ 3652.00 ft (KB)**  
Start Date: **2010.01.08**      End Date: **2010.01.09**  
Start Time: **18:40:48**      End Time: **02:29:47**

Capacity: **8000.00 psig**  
Last Calib.: **2010.01.09**  
Time On Btm: **2010.01.08 @ 20:30:47**  
Time Off Btm: **2010.01.09 @ 00:37:47**

TEST COMMENT: IF-Strong B-B in 45 min

FF-Strong B-B in 48 min

Pressure vs. Time



### PRESSURE SUMMARY

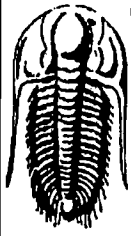
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1860.00	97.09	Initial Hydro-static
2	18.67	96.63	Open To Flow (1)
58	36.99	103.10	Shut-In(1)
121	994.71	103.85	End Shut-In(1)
121	37.26	103.55	Open To Flow (2)
182	59.91	105.66	Shut-In(2)
246	970.91	106.68	End Shut-In(2)
247	1795.57	107.30	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
125.00	MCO 55%o 45%m	1.75
0.00	248 GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Russell Oil Inc

**Laura # 1-2**

PO Box 1469  
Plainfield IL 60544

**2 11 23 Trego KS**

Job Ticket: 36837

**DST#: 3**

ATTN: Ivan Holt

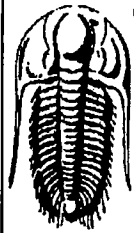
Test Start: 2010.01.08 @ 18:40:47

**Tool Information**

Drill Pipe:	Length: 3628.00 ft	Diameter: 3.80 inches	Volume: 50.89 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 50.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3649.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	84.00 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			3622.00	
Shut In Tool	5.00			3627.00	
Hydraulic tool	5.00			3632.00	
Jars	5.00			3637.00	
Safety Joint	3.00			3640.00	
Packer	5.00			3645.00	28.00 Bottom Of Top Packer
Packer	4.00			3649.00	
Stubb	1.00			3650.00	
Perforations	1.00			3651.00	
Change Over Sub	1.00			3652.00	
Recorder	0.00	8354	Inside	3652.00	
Recorder	0.00	8520	Outside	3652.00	
Drill Pipe	31.00			3683.00	
Change Over Sub	1.00			3684.00	
Perforations	18.00			3702.00	
Bullnose	3.00			3705.00	56.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>84.00</b>				



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Russell Oil Inc

**Laura # 1-2**

PO Box 1469  
Plainfield IL 60544

**2 11 23 Trego KS**

Job Ticket: 36837

**DST#: 3**

ATTN: Ivan Holt

Test Start: 2010.01.08 @ 18:40:47

## 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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6200.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

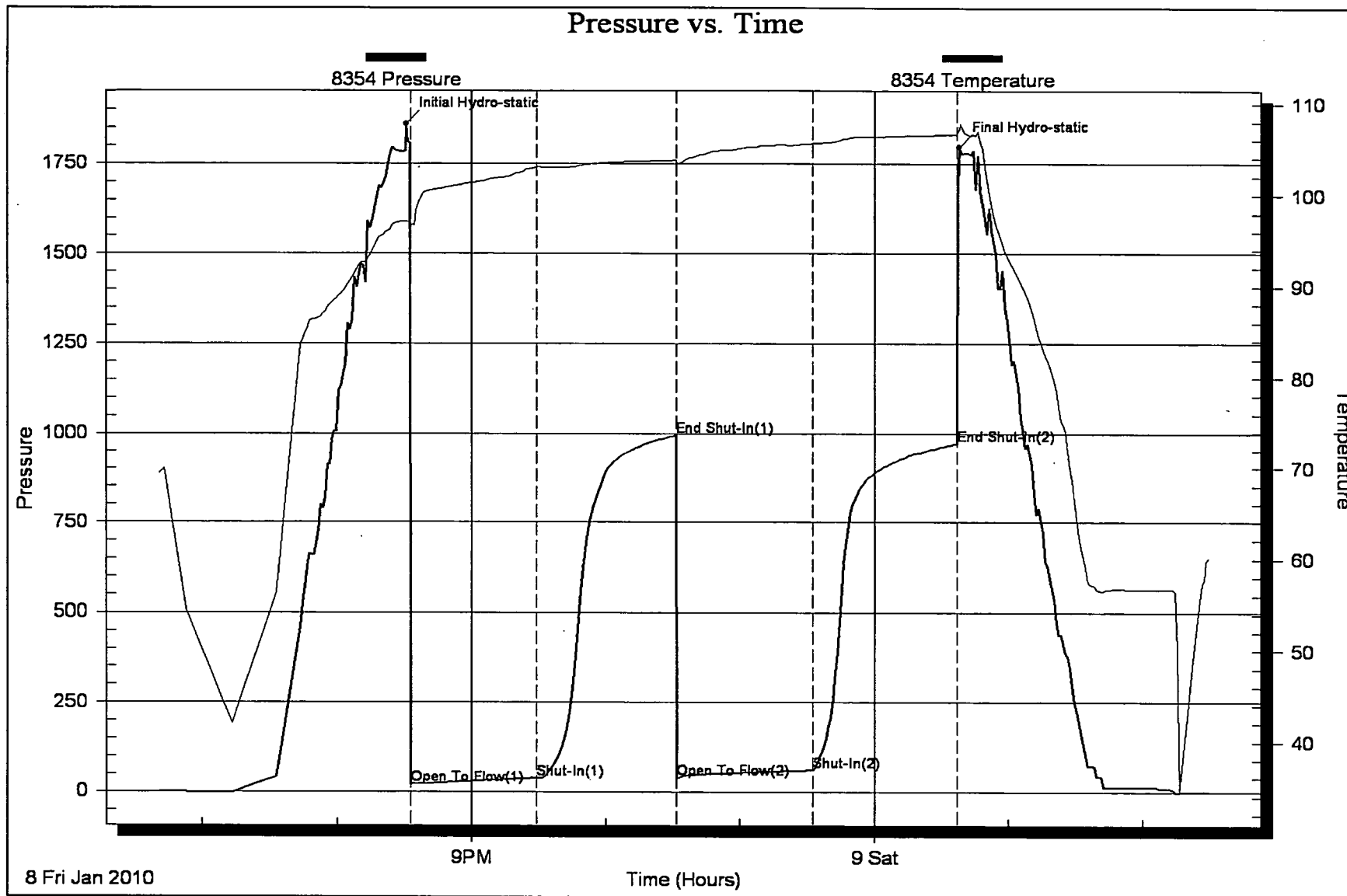
Length ft	Description	Volume bbl
125.00	MCO 55%o 45% <sub>m</sub>	1.753
0.00	248 GIP	0.000

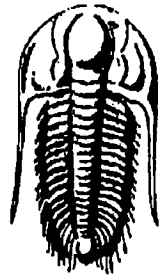
Total Length: 125.00 ft      Total Volume: 1.753 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469  
Plainfield IL 60544

ATTN: Ivan Holt

**2 11 23 Trego KS**

**Laura # 1-2**

Start Date: 2010.01.09 @ 12:36:38

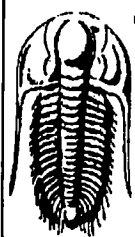
End Date: 2010.01.09 @ 18:07:38

Job Ticket #: 36838                      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 1469  
Plainfield IL 60544  
ATTN: Ivan Holt

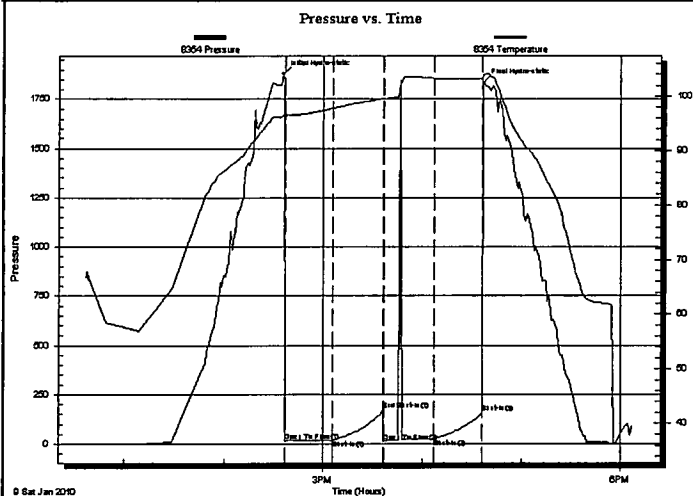
**Laura # 1-2**  
**2 11 23 Trego KS**  
Job Ticket: 36838      **DST#: 4**  
Test Start: 2010.01.09 @ 12:36:38

### GENERAL INFORMATION:

Formation: **J-K LKC**  
Deviated: **No Whipstock:**      ft (KB)  
Time Tool Opened: 14:37:08  
Time Test Ended: 18:07:38  
Test Type: **Conventional Bottom Hole**  
Tester: **Dan Bangle**  
Unit No: **38**  
Interval: **3705.00 ft (KB) To 3757.00 ft (KB) (TVD)**  
Reference Elevations:      2287.00 ft (KB)  
Total Depth: **3757.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
KB to GR/CF:      10.00 ft

**Serial #: 8354**      **Inside**  
Press@RunDepth:      19.91 psig @      3708.00 ft (KB)      Capacity:      8000.00 psig  
Start Date:      2010.01.09      End Date:      2010.01.09      Last Calib.:      2010.01.09  
Start Time:      12:36:39      End Time:      18:07:38      Time On Btm:      2010.01.09 @ 14:35:38  
Time Off Btm:      2010.01.09 @ 16:37:08

**TEST COMMENT:** IF-Weak died in 25 min  
FF-Weak - flushed tool died in 30 min



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.38	96.27	Initial Hydro-static
2	16.65	95.78	Open To Flow (1)
30	19.91	97.72	Shut-In(1)
61	172.38	99.48	End Shut-In(1)
61	13.13	99.46	Open To Flow (2)
92	27.65	103.25	Shut-In(2)
121	155.56	103.21	Shut-In(3)
122	1832.55	103.83	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
25.00	OCM 10%o 90% m	0.35
0.00	90' GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

Laura # 1-2

PO Box 1469  
Plainfield IL 60544

2 11 23 Trego KS

Job Ticket: 36838

DST#: 4

ATTN: Ivan Holt

Test Start: 2010.01.09 @ 12:36:38

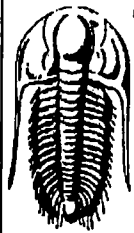
### Tool Information

Drill Pipe:	Length: 3691.00 ft	Diameter: 3.80 inches	Volume: 51.78 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: 2500.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 51.78 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3705.00 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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3678.00	
Shut In Tool	5.00			3683.00	
Hydraulic tool	5.00			3688.00	
Jars	5.00			3693.00	
Safety Joint	3.00			3696.00	
Packer	5.00			3701.00	28.00 Bottom Of Top Packer
Packer	4.00			3705.00	
Stubb	1.00			3706.00	
Perforations	1.00			3707.00	
Change Over Sub	1.00			3708.00	
Recorder	0.00	8354	Inside	3708.00	
Recorder	0.00	8520	Outside	3708.00	
Drill Pipe	31.00			3739.00	
Change Over Sub	1.00			3740.00	
Perforations	14.00			3754.00	
Bullnose	3.00			3757.00	52.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>80.00</b>				



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Russell Oil Inc  
PO Box 1469  
Plainfield IL 60544  
ATTN: Ivan Holt

**Laura # 1-2**  
**2 11 23 Trego KS**  
Job Ticket: 36838      **DST#: 4**  
Test Start: 2010.01.09 @ 12:36:38

## 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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6600.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	OCM 10%o 90%m	0.351
0.00	90' GIP	0.000

Total Length: 25.00 ft      Total Volume: 0.351 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:



