

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

**RECEIVED
KANSAS CORPORATION COMMISSION**

065

Operator: License # 3293
 Name: Russell Oil, Inc.
 Address: PO Box 1469
 City/State/Zip: Plainfield, IL 60544
 Purchaser: NCRA
 Operator Contact Person: LeRoy Holt II
 Phone: (815) 609-7000
 Contractor: Name: Southwind Drilling, Inc.
 License: 33350
 Wellsite Geologist: Todd Morgenstern

API No. 15 - 605-23018-00-00
 County: Graham
NWSWSE NE Sec. 9 Twp. 8 S. R. 22 East West
2220 feet from S / (N) (circle one) Line of Section
1100 feet from (E) / W (circle one) Line of Section

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

Footages Calculated from Nearest Outside Section Corner:
 (circle one) (NE) SE NW SW
 Lease Name: Roberts Well #: 2
 Field Name: Harmony Southeast

If Workover/Re-entry: Old Well Info as follows:
 Operator: _____
 Well Name: _____
 Original Comp. Date: _____ Original Total Depth: _____
 Deepening Re-perf. Conv. to Enhr./SWD
 Plug Back _____ Plug Back Total Depth _____
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Enhr.?) _____ Docket No. _____

<u>11-15-2004</u>	<u>11-22-2004</u>	<u>12-9-2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

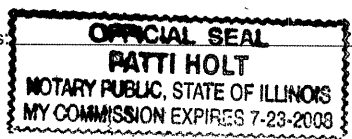
Producing Formation: Lansing-Kansas City
 Elevation: Ground: 2080' Kelly Bushing: 2090'
 Total Depth: 3591' Plug Back Total Depth: 3564'
 Amount of Surface Pipe Set and Cemented at _____ Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set 1745' Feet
 If Alternate II completion, cement circulated from 1745'
 feet depth to surface w/ 175 sx cmt.

Drilling Fluid Management Plan *See 11 en*
 (Data must be collected from the Reserve Pit)
 Chloride content 3600 ppm Fluid volume 800 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: *Victor Holt*
 Title: President Date: March 14, 2005
 Subscribed and sworn to before me this 14th day of March,
 20 05.
 Notary Public: *Patti Holt*
 Date Commission Expires: 7/23/08



KCC Office Use ONLY

_____ Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 _____ UIC Distribution

Operator Name: Russell Oil, Inc. Lease Name: Roberts Well #: 2
 Sec. 9 Twp. 8 S. R. 22 East West County: Graham

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 type="checkbox"/> Yes <input checked="" 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: Microlog, CNL/CDL, DIL, Sonic	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name _____ Top _____ Datum _____ See geological report enclosed for complete listings. <div style="text-align: center;"> RECEIVED KANSAS CORPORATION COMMISSION MAR 15 2005 CONSERVATION DIVISION WICHITA, KS </div>
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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#	270'	60/40 poz mix	200	3% cc, 2% gel
Production	7 7/8"	5 1/2"	15.5#	3587'	AA-2	85 sx.	

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				

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	3496'-3499'	2500 gallons 15%	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 12-16-2004	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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	36	0	15		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

TREATMENT REPORT



CONSERVATION DIVISION WICHITA, KS		Date 11-15-04	
Customer RUSSELL OIL		Lease No.	Well # 2
Lease ROBERTS		County GRAHAM	State KS
Field Order # 7033	Station PRATT, KS	Casing 8 5/8	Depth 269'
Type Job SURFACE - NW		Formation	Legal Description 9-8-27

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 269'	Depth	From	To	Pre Pad	Max			5 Min.
Volume	Volume	From	To	Pad	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used			Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			Total Load

Customer Representative: *Daryl* Station Manager: *Henry* Treater: *Geordie*

Service Units	120	26	81	72				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2100					ON LOCATION
					RUN 269' 8 5/8 CASING,
					BIPLANAR CIRC
					MIX CEMENT
2200			44	6	200 SK 60/40 P02 2% GEL
					3% GP, 1/4" CELLULOSE
					STOP - RELEASE PUMP
	0		0	6	START DISP
2300	175		16	6	PUMP DOWN
					CIRC. 255K CEMENT TO PRT
2340					JOB COMPLETE
					THANKS - HENRY

NE COLLAR - 1745' - TOP #48

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TREATMENT REPORT

MAR 15 2005



Customer ID	Date
Customer RUSSELL ODR	11-22-04
Lease ROBERTS	Lease No.
	Well # 2
Field Order # 7037	Station PRATT, KS
Casing 5 1/2	Depth 3587
County GRAHAM	State KS
Type Job LOWBSTRWB - NW	Formation TD-3590'
	Legal Description 9-8-22

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft	11#	Acid	50% 60/40 P02	RATE	PRESS	ISIP
Depth 3587	Depth	From	To 2.89	Pre-Pad	1/4" C.F. 3/10% CFR	-Max		5 Min.
Volume	Volume	From	To 15#	Pad	85% AHZ	Min		10 Min.
Max Press	Max Press	From	To 1.44	Frac	10% SPT 5% GDS	Avg		15 Min.
Well Connection	Annulus Vol.	From	To	Flush	1/4" CEI FINE 8/10%	HHP Used		Annulus Pressure
Plug Depth 3570	Packer Depth	From	To	Flush	3/10% CFR	Gas Volume		Total Load

Customer Representative SUTER	Station Manager AUSTIN	Treater GORDLEY			
Service Units	120	80	57	81	72

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0100					ON LOCATION
					RUN 3587' - 5 1/2" CSG.
					GUIDE SHOES INSERTED FRONT
					CENT. - 1 THRU 9 47.86
					BASKET - 10, 48 POLYCOLLOR #48
					TAG BOTTOM - DROP PLUG - CIRC.
					ROTATE CASING
0630	200		20	6	PUMP 20 bbl 2% KCL H ₂ O
	200		12	6	PUMP 12 bbl WINDFLUSH
	200		3	6	PUMP 3 bbl H ₂ O SPACER
	100		12	6	MIX 35% SCHEDULED CEMENT
	100		21	6	MIX 85% AHZ CEMENT
					STOP - WASH LINE - DROP PLUG
	0		0	7	START DISP.
	200		66	7	LIFT CEMENT
	400		80	5	SLOW RATE
0700	1000		85	5	PLUG DOWN
					RELEASE - HOLD
					PLUG RH - 15% "CAUGHT"
0730					JOB COMPLETE



TREATMENT REPORT

Customer ID		Date	
Customer Russell Oil		12-9-04	
Lease Roberts		Lease No.	Well # 2

Field Order # 8970	Station Pratt	Casing 5 1/2	Depth 3000'	County Graham	State Ks
Type Job P.C. JOBS NEW WELL			Formation	Legal Description 9-85-22W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 3/8	Shots/Ft		Acid 175 SKS A-COND		RATE	PRESS	ISIP
Depth	Depth 1722	From	To	Pre Pad 3 1/2 CC 1/4 # CR	Max			5 Min.
Volume	Volume 6.66	From	To	Pad 12 1/2 GAL 2.56 H³	Min			10 Min.
Max Press	Max Press 1000	From	To	Frac	Avg			15 Min.
Well Connection RTBP	Annulus Vol. PC	From	To	Flush	HHP Used			Annulus Pressure
Plug Depth 3000	Packer Depth 1722	From	To		Gas Volume			Total Load

Customer Representative LEROY HOIT	Station Manager D. AUBRY	Treater T. SP3A
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Service Units	123	380	457	347	576				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00					called out
11:30					on loc with Tek's & SAFETY MTC
12:20					RTOP SET @ 3000' PC 1722'
				3	Hook up to well
		300	68		START PUMPING H ₂ O CIRC H ₂ O CLEAN
			80		SHUT DOWN
1:03	1'	1000	44		TEST RTBP
					Pull Tbl
2:00					OPEN TOOL
2:02		200		2	START PUMPING H ₂ O TO CIRC
		400	8	4	
					START MAX : Pump 175 SKS A-COND 12 1/2 GAL
			80		START OASP
2:27			6		SHUT DOWN
2:33		1000			CLOSE TOOL
					RUN 5 JTS Tbl
	300		20	3	REV out SEEN 2 FLAGS
3:30					JOB COMPLETE
					THANKS TOOD

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 CONSERVATION DIVISION
 WICHITA, KS

REPORT COPY

GEOLOGICAL REPORT

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KANSAS CORPORATION COMMISSION

MAR 15 2005

CONSERVATION DIVISION
WICHITA, KS



RUSSELL OIL, INC.

NO. 2 ROBERTS
2220' FNL & 1100' FEL
Section 9-8S-22W
Graham County, Kansas

Todd E. Morgenstern
Petroleum Geologist
Sunflower Bank Building
P.O. Box 251
Ellinwood, Kansas 67526

OPERATOR: Russell Oil, Inc.

WELL: No. 2 Roberts
API # 15-065-23,018-00-00

LOCATION: 2220' from the North Line
1100' from the East Line
Section 9-8S-22W
Graham County, Kansas

FIELD: (Unnamed)

CONTRACTOR: Southwind Drilling Inc.

DRILLING COMMENCED: 11-15-2004

DRILLING COMPLETED: 11-22-2004

DRILLING TIME: One (1) foot drilling time was recorded
from 3000' to 3590' RTD.

SAMPLES: Samples were saved and examined from 3050'
to 3590' RTD.

ELEVATIONS: 2080' Ground Level 2090' Kelly Bushing

MEASUREMENTS: All depths are measured from 2090' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 270' with 200 sxs. 60/40 poz
5 1/2" Production Casing set @ 3587' with 85 sxs. AA-2 cement.
Port Collar @ 1745'

FORMATION TESTING: Four (4) tests were run by Trilobite Testing, Inc.
John Schmidt, Tester

MUD: Mud-Co. (Chemical Mud)

OPEN HOLE LOGS: Log-Tech Inc. (CNL/CDL, DIL, MEL & Sonic)

PRODUCTION: Oil

FORMATION TOPS:

FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	1709'	1710'	+ 380'
BASE ANHYDRITE	1739'	1742'	+ 348'
TOPEKA	3082'	3084'	- 994'
HEEBNER SHALE	3290'	3293'	-1203'
TORONTO	3313'	3317'	-1227'
LANSING	3330'	3332'	-1242'
STARK SHALE	3504'	3503'	-1413'
BASE KANSAS CITY	3536'	3536'	-1446'
ROTARY TOTAL DEPTH	3590'	3590'	-1500'
LOG TOTAL DEPTH	3591'	3591'	-1501'

SAMPLE DESCRIPTIONS AND TEST DATA:

TOPEKA:

3115-3122 Limestone, white and gray, finely crystalline, dense, slightly chalky, with fair visible intercrystalline porosity, no shows of oil were noted.

3245-3250 Limestone, gray and white, finely crystalline, oolitic and slightly oolitic, with good visible oolitic porosity, no shows of oil were noted.

3262-3270 Limestone, gray and white, finely crystalline, as above, slightly chalky, no shows of oil were noted.

TORONTO:

3317-3327 Limestone, white and gray, finely crystalline, slightly fossiliferous, with white opaque chert, slightly chalky, poor visible porosity, no shows of oil were noted.

LANSING:

3332-3338 Limestone, white and tan, mostly dense, finely crystalline, oolitic in part, with poor visible porosity, chert, as above, no shows of oil were noted.

3366-3372 Limestone, gray, white and tan, oolitic and fossiliferous, with fair visible interparticle porosity, fair spotted staining and saturation, slight show of free oil, no odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

Lansing-K.C (35' Zone)
Tested from 3348'-3374'

<i>Weak-BOB in 26 min.</i>	30 min.	I.H.P.	1628#
<i>No blow-back</i>	30 min.	I.F.P.	14# 124#
<i>Weak building to 7" blow.</i>	30 min.	<u>I.S.I.P.</u>	<u>976#</u>
<i>No blow-back</i>	45 min.	F.F.P.	127# -170#
		F.S.I.P.	<u>967#</u>
		F.H.P.	1608#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 342' Slightly Gas Cut Muddy Water

TEMPERATURE: 108*

CHLORIDES: 60,000 ppm (Recovery) 1,000 ppm (System)

3380-3390 Dolomite, tan and white, finely crystalline, with poor visible intercrystalline porosity, no shows of oil were noted.

3394-3400 Limestone, white and gray, oolitic and slightly fossiliferous, with fair visible pinpoint and interoolitic porosity, fair to good spotted staining and saturation, fair show of free oil, fair odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

Lansing-K.C (70' Zone)
Tested from 3388'-3400'

<i>Weak B.O.B. in 48 min.</i>	60 min.	I.H.P.	1640#
<i>Weak surface blow-back</i>	45 min.	I.F.P.	15# -66#
<i>Weak B.O.B. in 41 min.</i>	45 min.	<u>I.S.I.P.</u>	<u>1019#</u>
<i>Weak surface blow-back</i>	60 min.	F.F.P.	71# -91#
		F.S.I.P.	<u>1030#</u>
		F.H.P.	1620#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 150' Gas in Pipe
210' Clean Gassy Oil (37* Grav.)

TEMPERATURE: 107*

CHLORIDES: N/A ppm (Recovery) 1,000 ppm (System)

3404-3408 Limestone, white, finely crystalline, slightly oolitic and fossiliferous, with fair to good visible vugular and interparticle porosity, fair to good show of free oil, fair staining, good odor. (Covered by D.S.T. No. 3)

FORMATION TEST NO. 3

Lansing-K.C (90' Zone)
 Tested from 3401'-3408'

<i>Strong B.O.B. in 3 min.</i>	30 min.	I.H.P.	1636#
<i>Very weak surface blow-back</i>	45 min.	I.F.P.	99# -364#
<i>Strong B.O.B. in 4 min.</i>	30 min.	<u>I.S.I.P.</u>	<u>1027#</u>
<i>No blow back</i>	45 min.	F.F.P.	358# -559#
		F.S.I.P.	<u>1013#</u>
		F.H.P.	1616#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 5' Oil
 1,170' Water
 1,175' Total Liquid Recovery

TEMPERATURE: 111*

CHLORIDES: 65,000 ppm (Recovery) 3,800 ppm (System)

- 3462-3472 Limestone, gray and white, finely crystalline, slightly chalky, oolitic in part, with poor visible porosity, trace of staining, no show of free oil, no odor.
- 3481-3487 Limestone, white and gray, finely crystalline, slightly oolitic, with poor visible interoolitic porosity, scattered spotted staining, very slight show of free oil on break, no odor. (Covered by D.S.T. No. 4)
- 3491-3498 Limestone, gray and white, finely crystalline, oolitic and slightly fossiliferous, with poor to fair visible interoolitic and interparticle porosity, fair to good staining and saturation, slightly chalky, light odor. (Covered by D.S.T. No. 4)

FORMATION TEST NO. 4

Lansing-K.C (160' & 180' Zones)
 Tested from 3473'-3498'

<i>Weak, building to 1"</i>	60 min.	I.H.P.	1681#
<i>No blow-back</i>	45 min.	I.F.P.	12# -18#
<i>Weak surface blow.</i>	45 min.	<u>I.S.I.P.</u>	<u>724#</u>
<i>No blow-back</i>	60 min.	F.F.P.	109# -135#
		F.S.I.P.	<u>984#</u>
		F.H.P.	1659#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 60' Gas in Pipe
 20' Mud Cut Oil
 10' Clean Oil
 30' Total Liquid Recovery

TEMPERATURE: 102*

CHLORIDES: N/A ppm (Recovery) 4,600 ppm (System)

- 3513-3522 Limestone, white and gray, finely crystalline, very chalky, slightly oolitic and fossiliferous, with poor visible porosity, traces of dark, heavy, tarry staining, no show of free oil, no odor.
- 3528-3536 Limestone, gray, white and tan, finely crystalline, slightly fossiliferous, mostly dense, chalky in part, with rare staining, no show of free oil, no odor.

STRUCTURAL COMPARISON:

	Russell Oil Roberts No. 2 2220' FNL & 1100' FEL Sec. 9-8S-22W Oil	Russell Oil Roberts No. 1 1100' FNL & 450' FEL Sec. 9-8S-22W Oil	Zenith Drilling Co. Chalfant #1 C-SE-SE Sec. 4-8S-22W Oil
ANHYDRITE	+ 380'	+ 383'	+ 373'
BASE ANHYDRITE	+ 348'	+ 351'	+ 342'
TOPEKA	- 994'	- 993'	- 997'
HEEBNER SHALE	-1203'	-1199'	-1206'
TORONTO	-1227'	-1221'	-1227'
LANSING	-1242'	-1237'	-1243'
STARK	-1413'	-1407'	-1413'
BASE KANSAS CITY	-1446'	-1437'	-1442'

SUMMARY:

The No. 2 Roberts was under geological supervision from 3050' to 3590' RTD. With the positive results of D.S.T. No. 2, it was recommended that 5 1/2" production casing be run and completed through perforations.

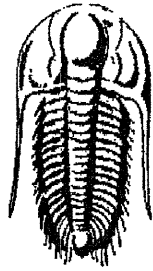
Recommended Perforations:

Lansing-K.C. (180') Zone from 3496'-3499'.

Lansing-K.C. (70') Zone from 3398'-3400'.

Respectfully submitted,


Todd E. Morgenstern



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

P.O.Box 1469
Plainfield, IL.60544

ATTN: LeRoy Holt II

9-8s-22w Graham

Roberts # 2

Start Date: 2004.11.19 @ 03:44:06

End Date: 2004.11.19 @ 09:36:36

Job Ticket #: 20394 DST #: 1

Trilobite Testing, Inc
PO Box 362 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: LeRoy Holt II

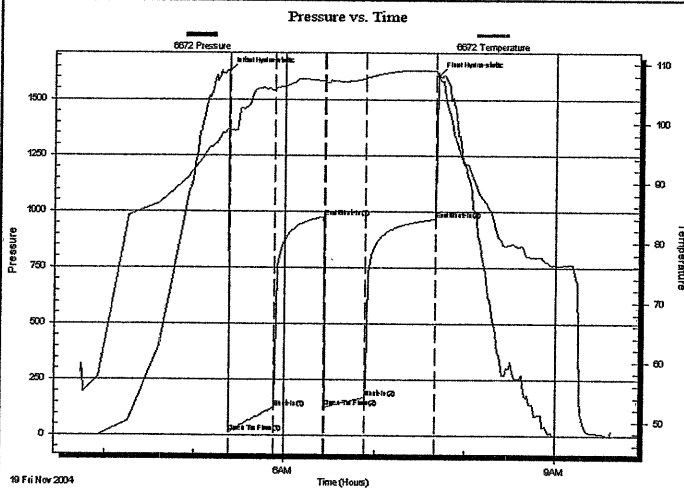
Roberts # 2
9-8s-22w Graham
Job Ticket: 20394 DST#: 1
Test Start: 2004.11.19 @ 03:44:06

GENERAL INFORMATION:

Formation: **L.Kc.-35'**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 05:23:06
Time Test Ended: 09:36:36
Interval: **3348.00 ft (KB) To 3374.00 ft (KB) (TVD)**
Total Depth: **3374.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **John Schmidt**
Unit No: **31**
Reference Elevations: **2088.00 ft (KB)**
2080.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 6672 **Inside**
Press@RunDepth: **170.41 psig @ 3351.00 ft (KB)**
Start Date: **2004.11.19** End Date: **2004.11.19** Capacity: **7000.00 psig**
Start Time: **03:44:07** End Time: **09:36:36** Last Calib.: **2004.11.19**
Time On Btm: **2004.11.19 @ 05:22:36**
Time Off Btm: **2004.11.19 @ 07:41:36**

TEST COMMENT: IF-Weak to Strong B.O.B.26 min. ISI-Dead
FF-Weak to Good built to 7" in. FSI-Dead



PRESSURE SUMMARY

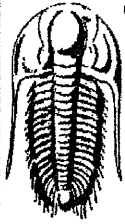
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.42	99.12	Initial Hydro-static
1	14.53	98.86	Open To Flow (1)
31	124.43	105.80	Shut-In(1)
63	976.76	107.09	End Shut-In(1)
64	127.12	106.91	Open To Flow (2)
91	170.41	107.55	Shut-In(2)
138	967.11	108.86	End Shut-In(2)
139	1608.65	107.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
342.00	SGMCW-1%G-5%M-94%W	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

Job Ticket: 20394

DST#: 1

ATTN: LeRoy Holt II

Test Start: 2004.11.19 @ 03:44:06

Tool Information

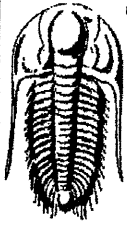
Drill Pipe:	Length: 3107.00 ft	Diameter: 3.80 inches	Volume: 43.58 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 44.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3348.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	46.00 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			3329.00	
Shut In Tool	5.00			3334.00	
Hydraulic tool	5.00			3339.00	
Packer	4.00			3343.00	20.00 Bottom Of Top Packer
Packer	5.00			3348.00	
Stubb	1.00			3349.00	
Perforations	2.00			3351.00	
Recorder	0.00	6672	Inside	3351.00	
Perforations	20.00			3371.00	
Recorder	0.00	13308	Outside	3371.00	
Bullnose	3.00			3374.00	26.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

Job Ticket: 20394

DST#: 1

ATTN: LeRoy Holt II

Test Start: 2004.11.19 @ 03:44:06

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:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
342.00	SGMCW-1%G-5%M-94%W	2.611

Total Length: 342.00 ft

Total Volume: 2.611 bbl

Num Fluid Samples: 0

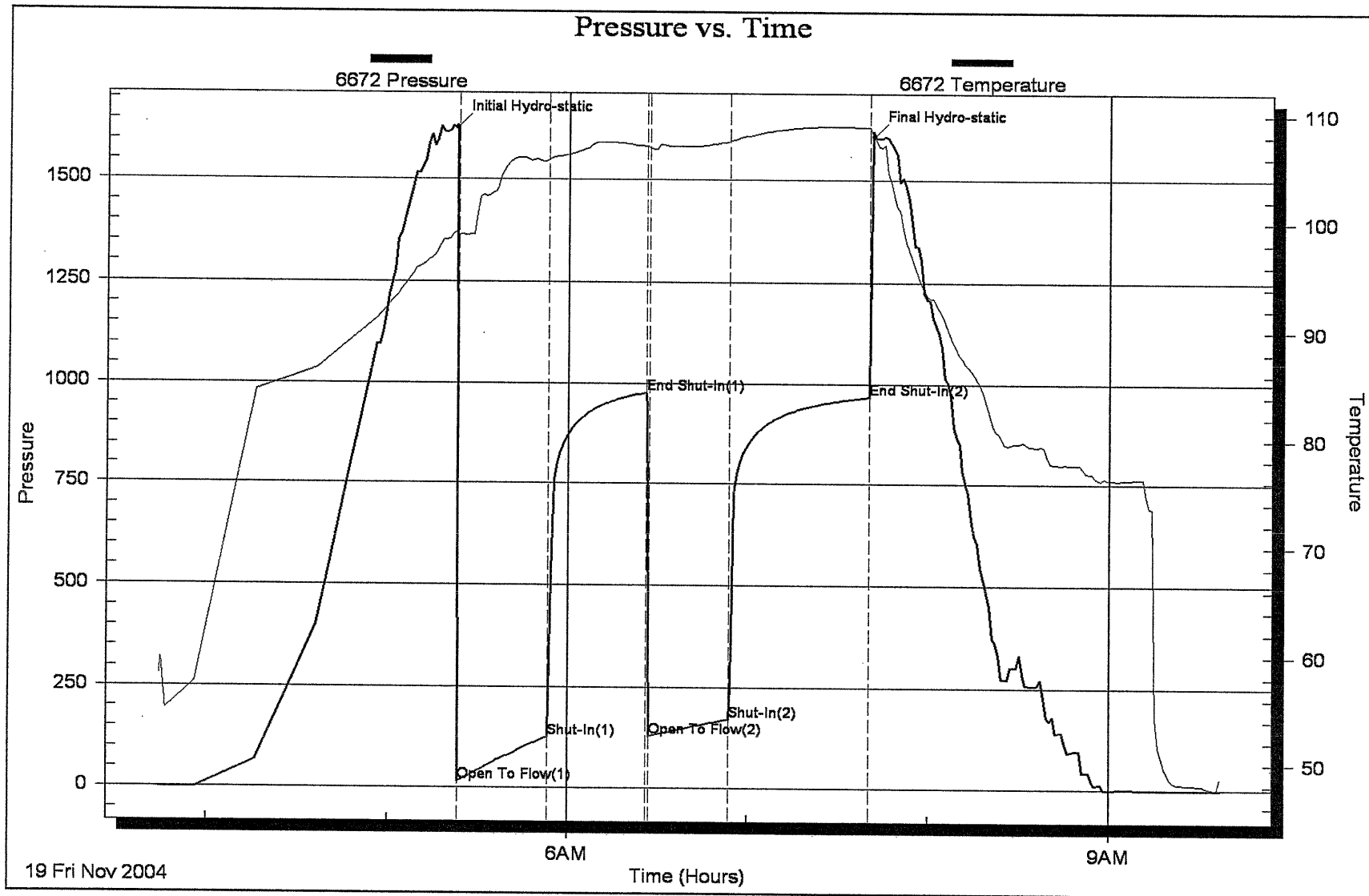
Num Gas Bombs: 0

Serial #:

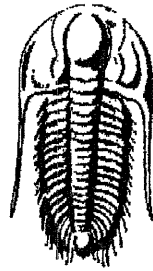
Laboratory Name:

Laboratory Location:

Recovery Comments:



19 Fri Nov 2004



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

P.O.Box 1469
Plainfield, IL. 60544

ATTN: LeRoy Holt II

9-8s-22w Graham

Roberts # 2

Start Date: 2004.11.19 @ 15:18:05

End Date: 2004.11.19 @ 22:09:05

Job Ticket #: 20395 DST #: 2

Trilobite Testing, Inc
PO Box 362 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, L.L. 60544
ATTN: LeRoy Holt II

Roberts # 2
9-8s-22w Graham
Job Ticket: 20395 **DST#: 2**
Test Start: 2004.11.19 @ 15:18:05

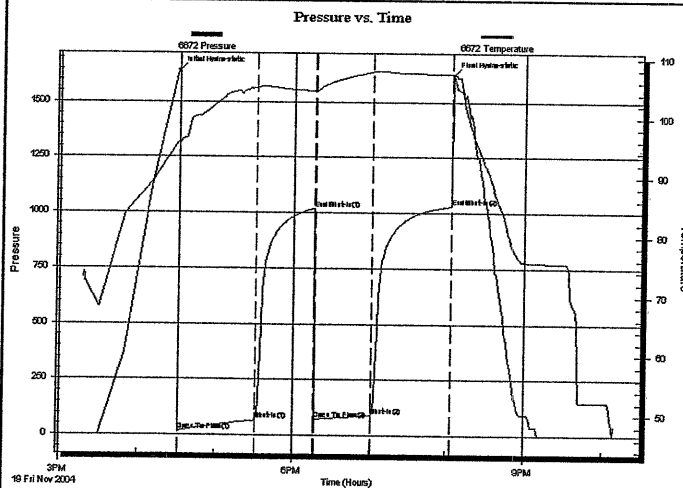
GENERAL INFORMATION:

Formation: **L.Kc.-70'**
Deviated: **No Whipstock:** **ft (KB)**
Time Tool Opened: **16:31:35**
Time Test Ended: **22:09:05**
Interval: **3388.00 ft (KB) To 3400.00 ft (KB) (TVD)**
Total Depth: **3400.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole**
Tester: **John Schmidt**
Unit No: **31**
Reference Elevations: **2088.00 ft (KB)**
2080.00 ft (CF)
KB to GRVCF: 8.00 ft

Serial #: 6672 Inside
Press@RunDepth: **91.15 psig @ 3392.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.11.19** End Date: **2004.11.19** Last Calib.: **2004.11.19**
Start Time: **15:18:06** End Time: **22:09:05** Time On Btm: **2004.11.19 @ 16:30:35**
Time Off Btm: 2004.11.19 @ 20:04:05

TEST COMMENT: IF-Weak to Strong B.O.B.48 min. ISI-Weak Surf. Blow
FF-Weak to Strong B.O.B.41 min. FSI-Weak Surf. Blow

Tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1640.38	95.80	Initial Hydro-static
1	15.89	95.68	Open To Flow (1)
60	66.85	105.14	Shut-In(1)
106	1019.65	104.59	End Shut-In(1)
106	71.84	104.48	Open To Flow (2)
151	91.15	107.82	Shut-In(2)
213	1030.26	107.37	End Shut-In(2)
214	1620.62	107.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	CGO-5%gas-95%oil	1.32
0.00	150'gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

Job Ticket: 20395

DST#: 2

ATTN: LeRoy Holt II

Test Start: 2004.11.19 @ 15:18:05

Tool Information

Drill Pipe:	Length: 3198.00 ft	Diameter: 3.80 inches	Volume: 44.86 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 45.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3388.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

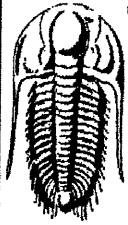
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3369.00	
Shut In Tool	5.00			3374.00	
Hydraulic tool	5.00			3379.00	
Packer	4.00			3383.00	20.00 Bottom Of Top Packer
Packer	5.00			3388.00	
Stubb	1.00			3389.00	
Perforations	3.00			3392.00	
Recorder	0.00	6672	Inside	3392.00	
Perforations	5.00			3397.00	
Recorder	0.00	13308	Outside	3397.00	
Bullnose	3.00			3400.00	12.00 Bottom Packers & Anchor

Total Tool Length: 32.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

Job Ticket: 20395

DST#: 2

ATTN: LeRoy Holt II

Test Start: 2004.11.19 @ 15:18:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.17 in³

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

37 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	CGO-5%gas-95%oil	1.315
0.00	150'gas in pipe	0.000

Total Length: 210.00 ft

Total Volume: 1.315 bbl

Num Fluid Samples: 0

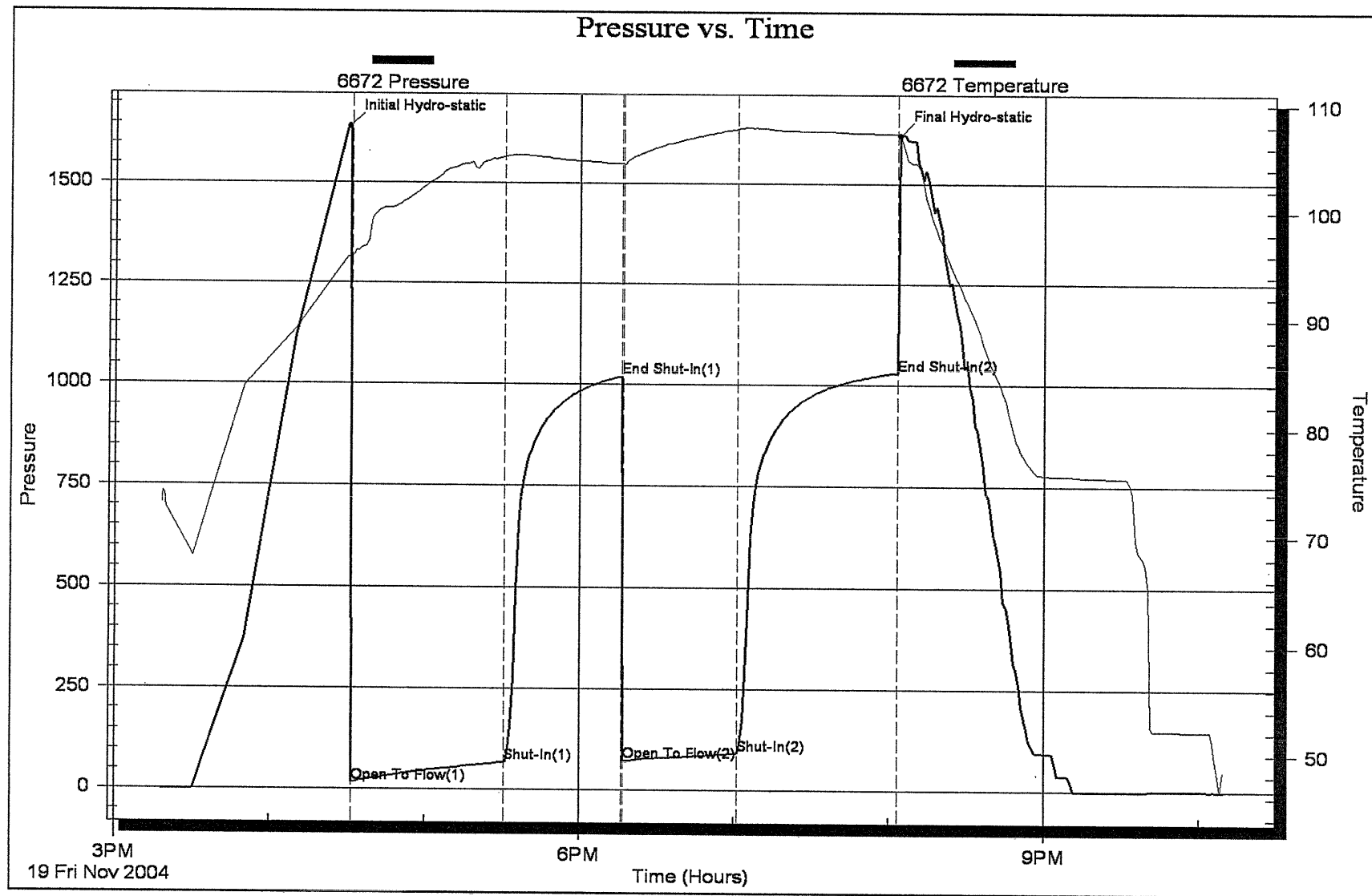
Num Gas Bombs: 0

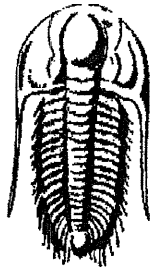
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

P.O.Box 1469
Plainfield, IL 60544

ATTN: LeRoy Holt II

9-8s-22w Graham

Roberts # 2

Start Date: 2004.11.20 @ 04:07:21

End Date: 2004.11.20 @ 10:35:21

Job Ticket #: 20396 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Russell Oil Inc.

Roberts # 2

9-8s-22w Graham

DST # 3

L.K.C.-90'

2004.11.20



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL.60544

9-8s-22w Graham

Job Ticket: 20396

DST#: 3

ATTN: LeRoy Holt II

Test Start: 2004.11.20 @ 04:07:21

GENERAL INFORMATION:

Formation: **L.Kc.-90'**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 06:02:51

Time Test Ended: 10:35:21

Test Type: **Conventional Bottom Hole**

Tester: **john Schmidt**

Unit No: **31**

Interval: **3401.00 ft (KB) To 3408.00 ft (KB) (TVD)**

Reference Elevations: **2088.00 ft (KB)**

Total Depth: **3408.00 ft (KB) (TVD)**

2080.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: 8.00 ft

Serial #: 6672

Inside

Press@RunDepth: **559.21 psig @ 3402.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.11.20**

End Date: **2004.11.20**

Last Calib.: **2004.11.20**

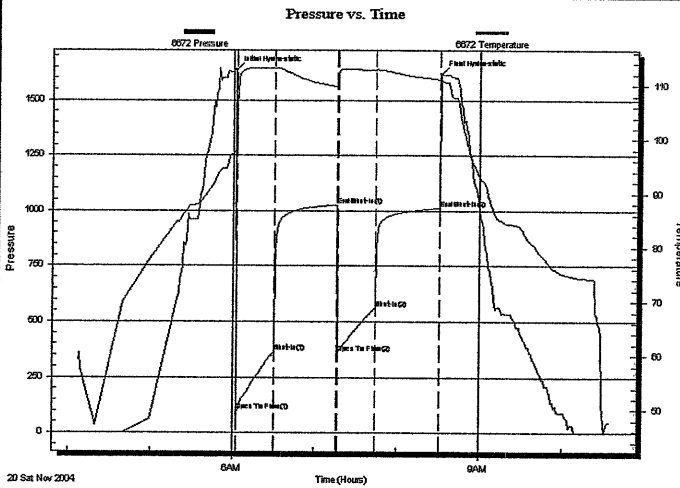
Start Time: **04:07:22**

End Time: **10:35:21**

Time On Btm: **2004.11.20 @ 06:02:21**

Time Off Btm: **2004.11.20 @ 08:31:51**

TEST COMMENT: IF-Strong B.O.B.3 min. ISI-Very weak surf.
FF-Strong B.O.B.4 min. FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1636.65	97.92	Initial Hydro-static
1	99.10	98.84	Open To Flow (1)
28	364.11	113.10	Shut-In(1)
74	1027.22	109.77	End Shut-In(1)
75	358.56	110.08	Open To Flow (2)
102	559.21	112.82	Shut-In(2)
149	1013.02	111.10	End Shut-In(2)
150	1616.76	111.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1170.00	Salt Water	14.23
5.00	Oil	0.07

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

ATTN: LeRoy Holt II

Job Ticket: 20396

DST#: 3

Test Start: 2004.11.20 @ 04:07:21

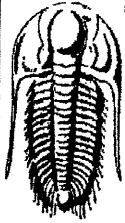
Tool Information

Drill Pipe:	Length: 3160.00 ft	Diameter: 3.80 inches	Volume: 44.33 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3401.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	27.00 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			3382.00	
Shut In Tool	5.00			3387.00	
Hydraulic tool	5.00			3392.00	
Packer	4.00			3396.00	20.00 Bottom Of Top Packer
Packer	5.00			3401.00	
Stubb	1.00			3402.00	
Recorder	0.00	6672	Inside	3402.00	
Perforations	3.00			3405.00	
Recorder	0.00	13308	Outside	3405.00	
Bullnose	3.00			3408.00	7.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

Job Ticket: 20396

DST#: 3

ATTN: LeRoy Holt II

Test Start: 2004.11.20 @ 04:07:21

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:

65000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1170.00	Salt Water	14.226
5.00	Oil	0.070

Total Length: 1175.00 ft

Total Volume: 14.296 bbl

Num Fluid Samples: 0

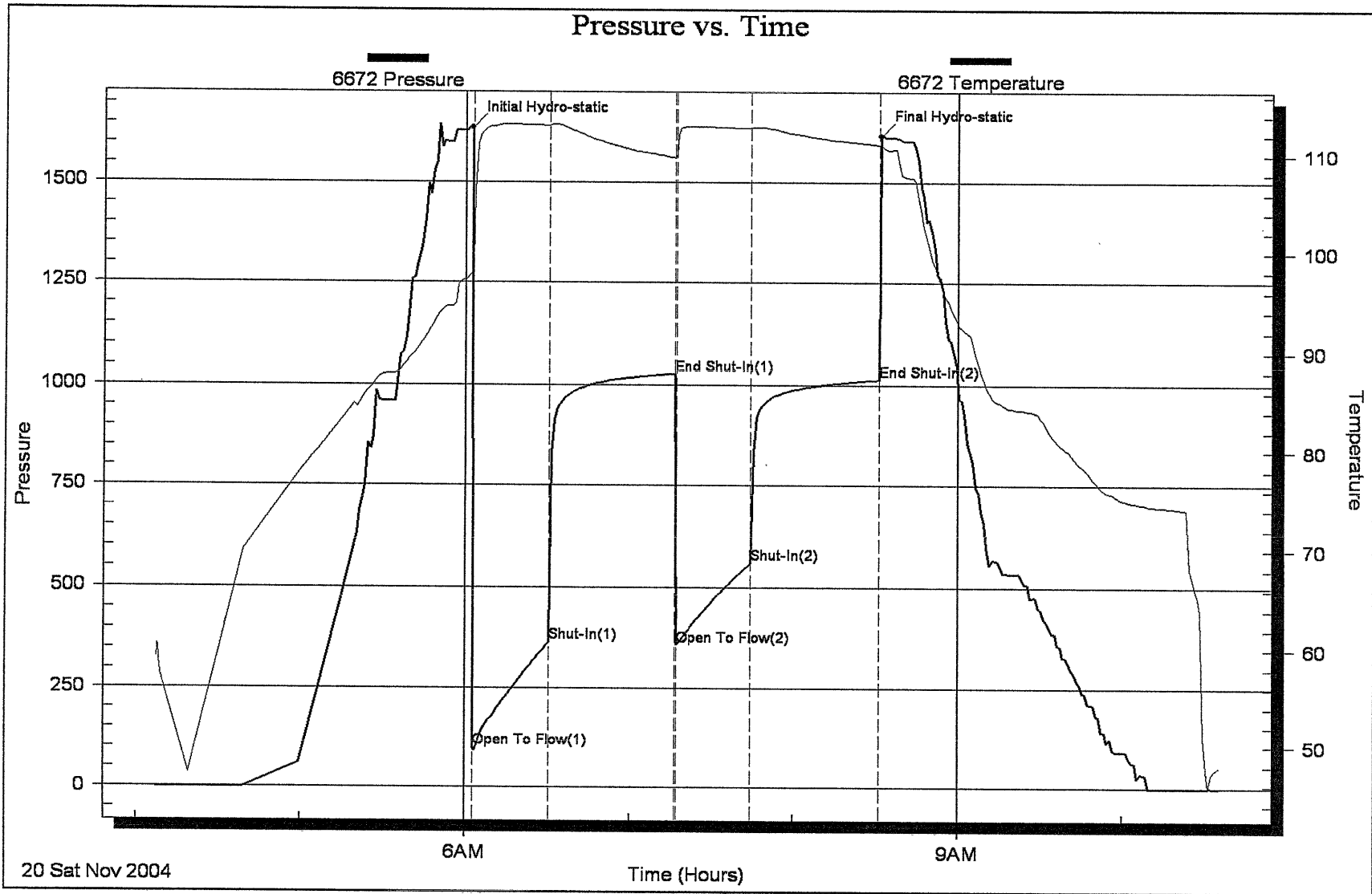
Num Gas Bombs: 0

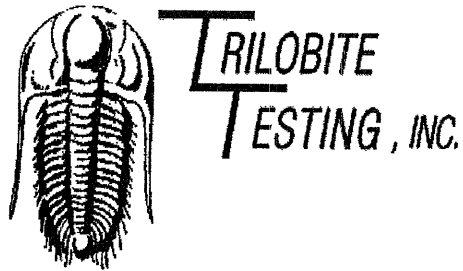
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

P.O.Box 1469
Plainfield, IL.60544

ATTN: LeRoy Holt II

9-8s-22w Graham

Roberts # 2

Start Date: 2004.11.20 @ 20:52:57

End Date: 2004.11.21 @ 03:25:27

Job Ticket #: 20397 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

ATTN: LeRoy Holt II

Job Ticket: 20397

DST#: 4

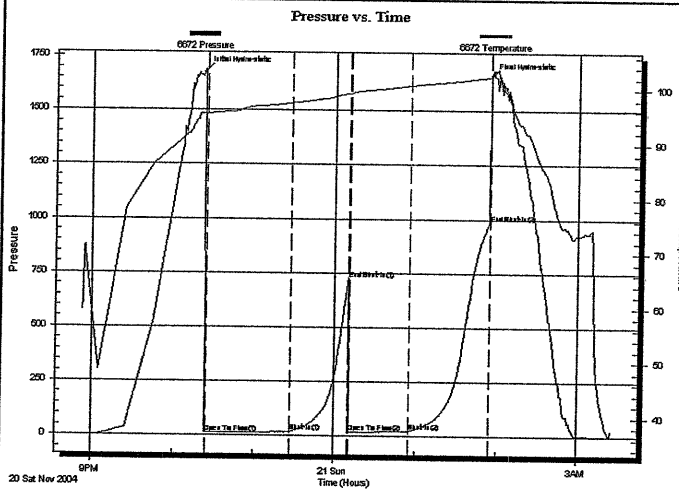
Test Start: 2004.11.20 @ 20:52:57

GENERAL INFORMATION:

Formation: **L.Kc.-160'&180'**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 22:23:57
 Time Test Ended: 03:25:27
 Interval: **3473.00 ft (KB) To 3498.00 ft (KB) (TVD)**
 Total Depth: **3498.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: John Schridt
 Unit No: 31
 Reference Elevations: 2088.00 ft (KB)
 2080.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6672 Inside
 Press@RunDepth: 22.44 psig @ 3475.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2004.11.20 End Date: 2004.11.21 Last Calib.: 2004.11.21
 Start Time: 20:52:58 End Time: 03:25:27 Time On Btmr: 2004.11.20 @ 22:22:57
 Time Off Btmr: 2004.11.21 @ 01:54:57

TEST COMMENT: IF-Weak built to 1" in. ISI-Dead
 FF-Weak Surf. FSI-Dead



PRESSURE SUMMARY

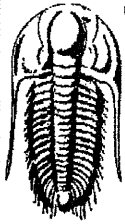
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1681.20	95.47	Initial Hydro-static
1	12.03	95.37	Open To Flow (1)
65	18.76	97.54	Shut-In(1)
107	724.78	99.25	End Shut-In(1)
108	16.60	99.20	Open To Flow (2)
152	22.44	100.75	Shut-In(2)
212	984.68	102.36	End Shut-In(2)
212	1659.96	102.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MCO-30%M-70%oil	0.10
10.00	Oil	0.05
0.00	60-gas in pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

Job Ticket: 20397

DST#: 4

ATTN: LeRoy Holt II

Test Start: 2004.11.20 @ 20:52:57

Tool Information

Drill Pipe:	Length: 3232.00 ft	Diameter: 3.80 inches	Volume: 45.34 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3473.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

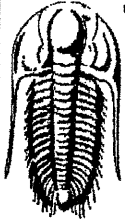
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3454.00	
Shut In Tool	5.00			3459.00	
Hydraulic tool	5.00			3464.00	
Packer	4.00			3468.00	20.00 Bottom Of Top Packer
Packer	5.00			3473.00	
Stubb	1.00			3474.00	
Perforations	1.00			3475.00	
Recorder	0.00	6672	Inside	3475.00	
Perforations	20.00			3495.00	
Recorder	0.00	13308	Outside	3495.00	
Bullnose	3.00			3498.00	25.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Roberts # 2

P.O.Box 1469
Plainfield, IL 60544

9-8s-22w Graham

Job Ticket: 20397

DST#: 4

ATTN: LeRoy Holt II

Test Start: 2004.11.20 @ 20:52:57

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:

bbf

Water Loss: 9.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
20.00	MCO-30%M--70%oil	0.098
10.00	Oil	0.049
0.00	60-gas in pipe	0.000

Total Length: 30.00 ft

Total Volume: 0.147 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

