

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

CONFIDENTIAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 3293
Name: Russell Oil, Inc. **KCC**
Address: PO Box 1469 **MAR 01 2005**
City/State/Zip: Plainfield, IL 60544
Purchaser: na **CONFIDENTIAL**
Operator Contact Person: LeRoy Holt II
Phone: (815) 609-7000
Contractor: Name: Southwind Drilling, Inc.
License: 33350
Wellsite Geologist: Todd Morgenstern

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 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./SWD
 Plug Back Plug Back Total Depth
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Enhr.?) Docket No. _____

<u>11-05-04</u>	<u>11-14-04</u>	<u>11-26-04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 065-23013-00-00
County: Graham
NW SE NW NE Sec. 5 Twp. 9 S. R. 25 East West
720 feet from S / (N) (circle one) Line of Section
1740 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Dreiling Well #: #1-5
Field Name: Knoll

Producing Formation: Lansing-Kansas City

Elevation: Ground: 2468' Kelly Bushing: 2478'

Total Depth: 4026' Plug Back Total Depth: 3880'

Amount of Surface Pipe Set and Cemented at 270 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 2207' Feet

If Alternate II completion, cement circulated from not cemented

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *ALT II WITH 4-6-07 P&A*
Chloride content 2300 ppm Fluid volume 700 bbls
Dewatering method used evaporation

Location of fluid disposal if hauled offsite:

Operator Name: _____
Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. MAR 03 2005 East West

County: _____ Docket No.: _____

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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.

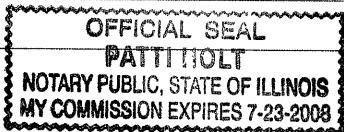
Signature: Michael D. H. Blue

Title: President Date: 3-1-2005

Subscribed and sworn to before me this 1 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: Dreiling Well #: #1-5
 Sec. 5 Twp. 9 S. R. 25 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)
 List All E. Logs Run:

CNL/CDL, DIL, MEL, Sonic, Sonic Bond

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached geologist report
 for complete listings

NOTE: Well completed as dry hole
 Communication between zones.
 Two squeeze attempts failed to shut off.
 Well plugging application filed.

CASING RECORD <input 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 3/4"	8 5/8"	23#	270'	60/40 poxmix	175	3% cc, 2% gel
Production	7 7/8"	5 1/2"	15.5#	4019'	AA-2	50	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
____ Perforate				
____ Protect Casing	3835-3839'	common	75 sx.	
____ Plug Back TD				
____ Plug Off Zone	3844-3848'	common	150 sx.	

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	3835-3839'		
2	3844-3848'		

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TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd 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 Vented Sold Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify)

Production Interval _____

TREATMENT REPORT



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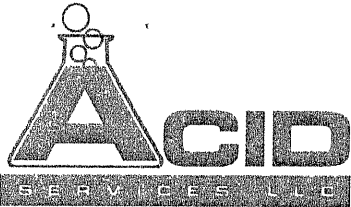
Customer ID	Date
Customer <i>Russell Oil Inc.</i>	<i>1-15-05</i>
Lease No.	Well #
<i>Dressing</i>	<i>1-5</i>
Field Order # <i>9145</i>	Station <i>Pratt</i>
Casing	Depth
County <i>Graham</i>	State <i>Ks.</i>
Type Job <i>Squeeze New Well</i>	Formation
	Legal Description <i>5-95-25W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
				<i>150 sk. Common</i>				
Depth	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 <i>Darwin</i>	Station Manager <i>Dave Aitry</i>	Treater <i>Bobby Drake</i>
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:30					On Location - Safety Meeting
11:42	500		36		Pressure Up Back side
12:03		1200	8	2.0	Take Injection Rate
12:10		1200		1.3	Mix Cement @ 15.6 #/gal
12:24		500	14	2.0	Mixing Cement
12:30			28		Shut Down
12:31					Clear Pump & Lines
12:34		600		1.0	Start Disp.
12:46		1400	11	.5	Displacing
12:49		2200	12		Shut Down
12:50					Release - Did not Hold
12:51		2000			Go to 2000#
13:14		400	25	1.5	Reverse Out
13:15					Pull 10 ft.
13:30		500			Put 500# on Tub.
					Job Complete
					Thanks, Bobby

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TREATMENT REPORT

Customer ID	Date
Customer <i>Russell Oil Inc.</i>	<i>1-7-05</i>
Lease <i>Drilling</i>	Lease No.
	Well # <i>1-5</i>

Field Order # <i>4141</i>	Station <i>Pratt</i>	Casing	Depth	County <i>Graham</i>	State <i>Ks.</i>
Type Job <i>Sq. Job New Well</i>			Formation	Legal Description <i>5-95-25w</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size <i>2 3/8</i>	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad				5 Min.
Volume	Volume <i>14.08</i>	From	To	Pad				10 Min.
Max Press	Max Press <i>1500</i>	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol. <i>682</i>	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth <i>3725</i>	From	To	Flush		Gas Volume		Total Load

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Customer Representative <i>Leroy Holt</i>	Station Manager <i>Dave Autry</i>	Treater <i>Bobby Drake</i>
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Service Units	<i>119</i>	<i>227</i>	<i>347</i>	<i>576</i>				
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Time	Casing Pressure	Tubing Pressure	Bbbs. Pumped	Rate	Service Log
<i>11:20</i>					<i>On location - Safety Meeting</i>
<i>12:52</i>	<i>500</i>		<i>55</i>		<i>Put 500# on back side</i>
<i>13:21</i>		<i>300</i>		<i>3.8</i>	<i>Take Inj. Rate</i>
<i>13:34</i>		<i>0</i>	<i>5.5</i>	<i>3.0</i>	<i>Mix Cement w/ Fluid loss @ 15.6#/gal</i>
<i>13:37</i>		<i>100</i>	<i>11</i>	<i>3.0</i>	<i>Mix Common Cement @ 15.6#/gal</i>
<i>13:50</i>					<i>Clear Pump & Lines</i>
<i>13:54</i>		<i>0</i>		<i>1.0</i>	<i>start Disp.</i>
<i>13:59</i>		<i>300</i>	<i>5.5</i>	<i>.8</i>	<i>Pumping</i>
<i>14:05</i>		<i>750</i>	<i>11.5</i>	<i>.5</i>	<i>Pumping</i>
<i>14:12</i>		<i>900</i>	<i>14.5</i>		<i>Packer Clear - Shut Down</i>
<i>14:27</i>		<i>950</i>	<i>15</i>		<i>Pump 1/2 Bbl.</i>
<i>14:50</i>		<i>1250</i>	<i>15.5</i>		<i>Pump 1/2 Bbl.</i>
<i>15:15</i>		<i>1500</i>			<i>Pump 1/2 Bbl.</i>
<i>15:20</i>					<i>Reverse Out</i>
<i>15:39</i>					<i>Pull 10 jts.</i>
<i>15:50</i>		<i>500</i>			<i>Pressure up well</i>
					<i>Job Complete</i>
					<i>Thanks, Bobby</i>

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TREATMENT REPORT

Field Order # 9011	Station Pratt KS	Casing 5 1/2	Depth 4019	Customer ID	Date 11-14-04
Type Job longstring new well				Customer Russell Oil	Lease No.
				Lease Drieling	Well # 1-5
		Formation		County Graham	State KS

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft		Acid 85sk AA-2, 86FLA-322	RATE 10% salt	PRESS 2000	ISIP	
Depth 4002	Depth PSTD	From 1.44	To 15.0	Pre Pad 5 1/2 Gil, 3 FR, 25 C.F.	Max		5 Min.	
Volume 95.2	Volume	From	To	Pad 50 ski scavenger	Min		10 Min.	
Max Press 2000	Max Press	From 2.8	To 11.0	Frac .3 FR, 25 C.F.	Avg		15 Min.	
Well Connection	Annulus Vol.	From Port to Collar	To 2205' Top JT 47	Flush 20 Bbls 2% KCL 12	HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To		Gas Volume		Total Load	

Customer Representative: Darly Knier Station Manager: Dave Autry Treater: D. Scott

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
2:00					On loc w/ TRK's Safety mtg G.S. Bottom ISFV Top SJ Cent 1234567894698 Basket 49 Port Collar Top JT 47 = 2205' Csg on Bottom Drop Ball Circ w/ Rig
0254	250		20	5	St 2% KCL Flush
0257	250		12	5	St mud Flush
0259	250		5	5	H2O Spacer
0304	300		12	4.7	mix Scavenger Cmt @ 11.0ppg 35sk
0306	275		21.7	4.7	mix Tail Cmt @ 15.0ppg 85ski
0312	Ø		10	5	Close In & Wash Pump + line
0315	100			6	Release Plug + St Disp w/ H2O
0326	310		70	6	70 Bbls Disp out lift Cmt
0331	1300		95.2	Ø	Plug Down + psi Test Csg
0332	Ø				Release psi Held
					Rotated Csg Thru Job
					Plug R.H. w/ 15ski
					Chart not reading max psi 1300
					Plug R.H. w/ 15ski 60-40 poz
					Job Complete
					Thank you Scotty

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MAT TREATMENT REPORT

Customer ID **CONFIDENTIAL**
 Customer **Russell Oil** 11-5-04
 Lease **Drilling** Lease No. Well # **1-5**
 Field Order # **9008** Station **Pratt** Casing **8 5/8** Depth **270** County **Graham** State **KS**

Type Job **Surface New Well** Formation Legal Description **5-9s-25w**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft 1.25	14.5	Acid 175 ski 60-40 p02	RATE	PRESS 500	ISIP	
Depth 235	Depth PBTD	From	To	Perforation 370CC 1/4 C.F.	Max		5 Min.	
Volume 16.3	Volume	From	To	Pad	Min		10 Min.	
Max Press 500	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 H2O	Gas Volume		Total Load	

Customer Representative **Daryl Knier** Station Manager **Dave Autry** Treater **D. Scott**

Service Units	118	27	46	76				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1700					On hoc w/Trk's Safety mtg
					Csg on Bottom Break Circ w/Rig
2040	100		38.9	4 1/2	St mixing Cmt @ 14.5ppg 175 ski
2050	0				Close In + Release Plug
2055	0			4	St Disp w/H2O
2100	150		16.3	0	Disp In - Close In manifold
					Circ 5 Bbls Cmt = 20 ski

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Job Complete
 Thank you
 Scotty

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GEOLOGICAL REPORT



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RUSSELL OIL, INC.

NO. 1-5 DREILING
720' FNL & 1740' FEL
Section 5-9S-25W
Graham County, Kansas

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

OPERATOR: Russell Oil, Inc.

WELL: No. 1-5 Dreiling
API # 15-065-23,013-00-00

LOCATION: 720' from the North Line
1740' from the East Line
Section 5-9S-25W
Graham County, Kansas

FIELD: Knoll

CONTRACTOR: Southwind Drilling Inc.

DRILLING COMMENCED: 11-05-2004

DRILLING COMPLETED: 11-14-2004

DRILLING TIME: One (1) foot drilling time was recorded
from 3400' to 4025' RTD.

SAMPLES: Samples were saved and examined from 3450'
to 4025' RTD.

ELEVATIONS: 2468' Ground Level 2478' Kelly Bushing

MEASUREMENTS: All depths are measured from 2478' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 270' with 175 sxs. 60/40 poz
5 1/2" Production Casing set @ 4019' with 50 sxs. AA-2 cement.
Port Collar @ 2207'

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	2173'	2172'	+ 306'
BASE ANHYDRITE	2209'	2207'	+ 271'
TOPEKA	3508'	3511'	-1033'
HEEBNER SHALE	3718'	3719'	-1241'
TORONTO	3737'	3741'	-1263'
LANSING	3752'	3757'	-1279'
STARK SHALE	3946'	3945'	-1467'
BASE KANSAS CITY	3990'	3988'	-1510'
ROTARY TOTAL DEPTH	4025'	4025'	-1547'
LOG TOTAL DEPTH	4026'	4026'	-1548'

SAMPLE DESCRIPTIONS AND TEST DATA:

TOPEKA:

3530-3539 Limestone, tan and gray, finely crystalline, dense, with poor visible intercrystalline porosity, chalky, no shows of oil were noted.

3678-3690 Limestone, gray and tan, finely crystalline, fossiliferous, with fair visible intercrystalline and fossiliferous porosity, slightly chalky, no shows of oil were noted.

3693-3701 Limestone, gray and tan, as above.

TORONTO:

3741-3750 Limestone, tan and buff, finely crystalline, dense, slightly fossiliferous, with poor visible porosity, no shows of oil were noted.

LANSING:

3757-3766 Limestone, white and gray, finely crystalline, slightly oolitic and fossiliferous, mostly dense, with fair to poor visible porosity, no shows of oil were noted.

3785-3792 Limestone, white and gray, finely crystalline, oolitic and fossiliferous, with fair visible interparticle porosity, dark oil staining, no show of free oil, no odor. (Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

Lansing-K.C (35' Zone)
 Tested from 3773'-3794'

		I.H.P.	1844#
<i>Weak-BOB in 38 min.</i>	45 min.	I.F.P.	17# -124#
<i>No blow-back</i>	45 min.	<u>I.S.I.P.</u>	<u>740#</u>
<i>Weak building to 9" blow.</i>	45 min.	F.F.P.	126# -177#
<i>No blow-back</i>	45 min.	F.S.I.P.	<u>668#</u>
		F.H.P.	1806#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 340' Water

TEMPERATURE: 121*

CHLORIDES: 77,000 ppm (Recovery) 1,500 ppm (System)

3798-3806 Limestone, white and gray, finely crystalline, fossiliferous and oolitic, with trace to fair visible interparticle porosity, fair spotted staining and saturation, slight show of free, gassy oil, no odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

Lansing-K.C (50' Zone)
 Tested from 3795'-3810'

		I.H.P.	1859#
<i>Weak blow, dead in 15 min.</i>	30 min.	I.F.P.	13# -14#
<i>No blow-back</i>	30 min.	<u>I.S.I.P.</u>	<u>165#</u>
<i>No blow</i>	5 min.	F.F.P.	14# -14#
<i>No blow-back</i>	5 min.	F.S.I.P.	<u>19#</u>
		F.H.P.	1809#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 1' Oil
10' Slightly Oil Cut Mud
 11' Total Liquid Recovery

TEMPERATURE: 106*

CHLORIDES: N/A ppm (Recovery) 2,000 ppm (System)

3826-3831 Limestone, white and gray, mostly dense, very finely crystalline, oolitic in part, with poor visible porosity, no shows of oil were noted.

3834-3839 Limestone, white and gray, finely crystalline, oolitic and slightly fossiliferous, with fair to good visible interfossiliferous and interparticle porosity, slightly chalky, with slight show of gassy, free oil, fair spotted staining and saturation, fair odor. (Covered by D.S.T. No. 3)

FORMATION TEST NO. 3

Lansing-K.C (70 & 90' Zone)
 Tested from 3813'-3834'

		I.H.P.	1852#
<i>Weak to strong B.O.B. in 37min.</i>	45 min.	I.F.P.	12# -37#
<i>No blow-back</i>	45 min.	<u>I.S.I.P.</u>	<u>927#</u>
<i>Weak to good building to 7" inch blow.</i>	45 min.	F.F.P.	38# -60#
<i>No blow back</i>	45 min.	F.S.I.P.	910#
		F.H.P.	1835#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 240' Gas in Pipe
 60' Clean Oil (31* Grav.)
 60' Mud Cut Oil
 120' Total Liquid Recovery

TEMPERATURE: 115*

CHLORIDES: N/A ppm (Recovery) 2,000 ppm (System)

3886-3892 Limestone, tan, gray and white, finely crystalline, oolitic and slightly fossiliferous, with fair visible interparticle porosity, light spotted staining, slightly chalky, very slight show of free oil on break, no odor.
 (Covered by D.S.T. No. 4)

FORMATION TEST NO. 4

Lansing-K.C (140' Zone)
 Tested from 3862'-3892'

		I.H.P.	1899#
<i>Weak, building to 1"</i>	60 min.	I.F.P.	12# -29#
<i>No blow-back</i>	45 min.	<u>I.S.I.P.</u>	<u>1011#</u>
<i>No blow</i>	15 min.	F.F.P.	32# -36#
<i>No blow-back</i>	60 min.	F.S.I.P.	1027#
		F.H.P.	1879#

(SEE PRESSURE CHARTS AT END OF REPORT)

RECOVERY: 40' Drilling Mud w/ Oil Spots

TEMPERATURE: 114*

CHLORIDES: N/A ppm (Recovery) 2,200 ppm (System)

3912-3920 Limestone, white and gray, dense, very finely crystalline, chalky, with poor visible porosity, no shows of oil were noted.

3934-3944 Limestone, gray and white, very finely crystalline, slightly fossiliferous, with rare visible interfossiliferous porosity, scattered heavy, dead oil staining, chalky, no show of free oil no odor.

- 3954-3964 Limestone, white and gray, very finely crystalline, dense, slightly chalky, with no visible porosity, no shows of oil were noted.
- 3974-3986 Limestone, gray and white, mostly dense, slightly oolitic, finely crystalline, chalky, no shows of oil were noted.

STRUCTURAL COMPARISON:

	Russell Oil Dreiling #1-5 720' FNL & 1740' FEL Sec. 5-9S-25W Oil	Glickman Oil Dreiling #1 NW-SE-NE Sec. 5-9S-25W Oil
ANHYDRITE	+ 380'	+ 313'
BASE ANHYDRITE	+ 348'	+ 279'
TOPEKA	- 994'	-1026'
HEEBNER SHALE	-1203'	-1236'
TORONTO	-1227'	-1256'
LANSING	-1242'	-1270'
MUNCIE CRK	-1391'	-1391'
STARK	-1413'	-1464'
BASE KANSAS CITY	-1446'	-1502'

SUMMARY:


The No. 1-5 Dreiling was under geological supervision from 3450' to 4025' RTD. With the positive results of D.S.T. No.3, it was recommended that 5 1/2" production casing be run and completed through perforations.

Recommended Perforations:

Lansing-K.C.(140') Zone from 3887'-3890'.

Lansing-K.C. (90') Zone from 3835'-3839'.

Respectfully submitted,

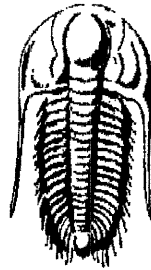

Todd E. Morgenstern

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MAR 03 2005

CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

P.O. Box 1469
Plainfield, IL 60544

ATTN: LeRoy Holt II

5-9s-25w Graham KS

Dreiling # 1-5

Start Date: 2004.11.10 @ 13:28:11

End Date: 2004.11.10 @ 21:06:11

Job Ticket #: 20390 DST #: 1

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

Printed: 2004.11.17 @ 10:07:11 Page 1

Russell Oil, Inc.

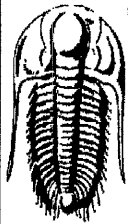
Dreiling # 1-5

5-9s-25w Graham KS

DST # 1

L.Kc.-35'

2004.11.10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil, Inc.

P.O.Box 1469
Plainfield, IL.60544

ATTN: LeRoy Holt II

Drilling # 1-5

5-9s-25w Graham KS

Job Ticket: 20390

DST#: 1

Test Start: 2004.11.10 @ 13:28:11

GENERAL INFORMATION:

Formation: **L.Kc.-35'**

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

Time Tool Opened: 16:04:11

Time Test Ended: 21:06:11

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **31**

Interval: **3773.00 ft (KB) To 3794.00 ft (KB) (TVD)**

Reference Elevations: **2476.00 ft (KB)**

Total Depth: **3794.00 ft (KB) (TVD)**

2468.00 ft (CF)

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

KB to GR/CF: **8.00 ft**

Serial #: 6672 **Inside**

Press@RunDepth: **177.24 psig @ 3776.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2004.11.10**

End Date: **2004.11.10**

Last Calib.: **2004.11.10**

Start Time: **13:28:12**

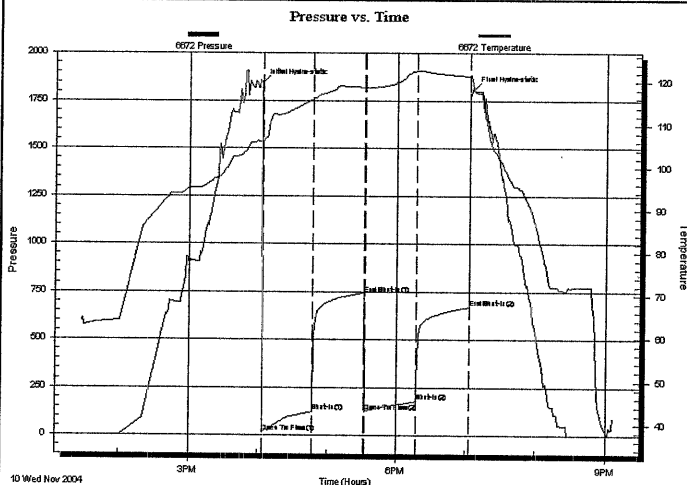
End Time: **21:06:11**

Time On Btm: **2004.11.10 @ 16:03:41**

Time Off Btm: **2004.11.10 @ 19:06:11**

TEST COMMENT: IF-Weak to Strong B.O.B.38 min.
FF-Weak to Good built to 9" in.

ISI-Dead
FSI-Dead



PRESSURE SUMMARY

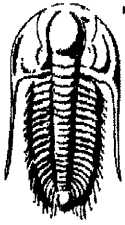
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1844.24	106.22	Initial Hydro-static
1	17.67	106.01	Open To Flow (1)
44	124.36	116.07	Shut-In(1)
88	740.87	118.82	End Shut-In(1)
89	126.76	118.71	Open To Flow (2)
133	177.24	122.73	Shut-In(2)
179	668.62	121.43	End Shut-In(2)
183	1806.36	118.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
340.00	Salt Water	3.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil, Inc.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20390

DST#: 1

ATTN: LeRoy Holt II

Test Start: 2004.11.10 @ 13:28:11

Tool Information

Drill Pipe:	Length: 3592.00 ft	Diameter: 3.80 inches	Volume: 50.39 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: 65000.00 lb
			<u>Total Volume: 51.27 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3773.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3754.00	
Shut In Tool	5.00			3759.00	
Hydraulic tool	5.00			3764.00	
Packer	4.00			3768.00	20.00 Bottom Of Top Packer
Packer	5.00			3773.00	
Stubb	1.00			3774.00	
Perforations	2.00			3776.00	
Recorder	0.00	6672	Inside	3776.00	
Perforations	15.00			3791.00	
Recorder	0.00	11084	Outside	3791.00	
Bullnose	3.00			3794.00	21.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20390 DST#: 1

ATTN: LeRoy Holt II

Test Start: 2004.11.10 @ 13:28:11

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:	77000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

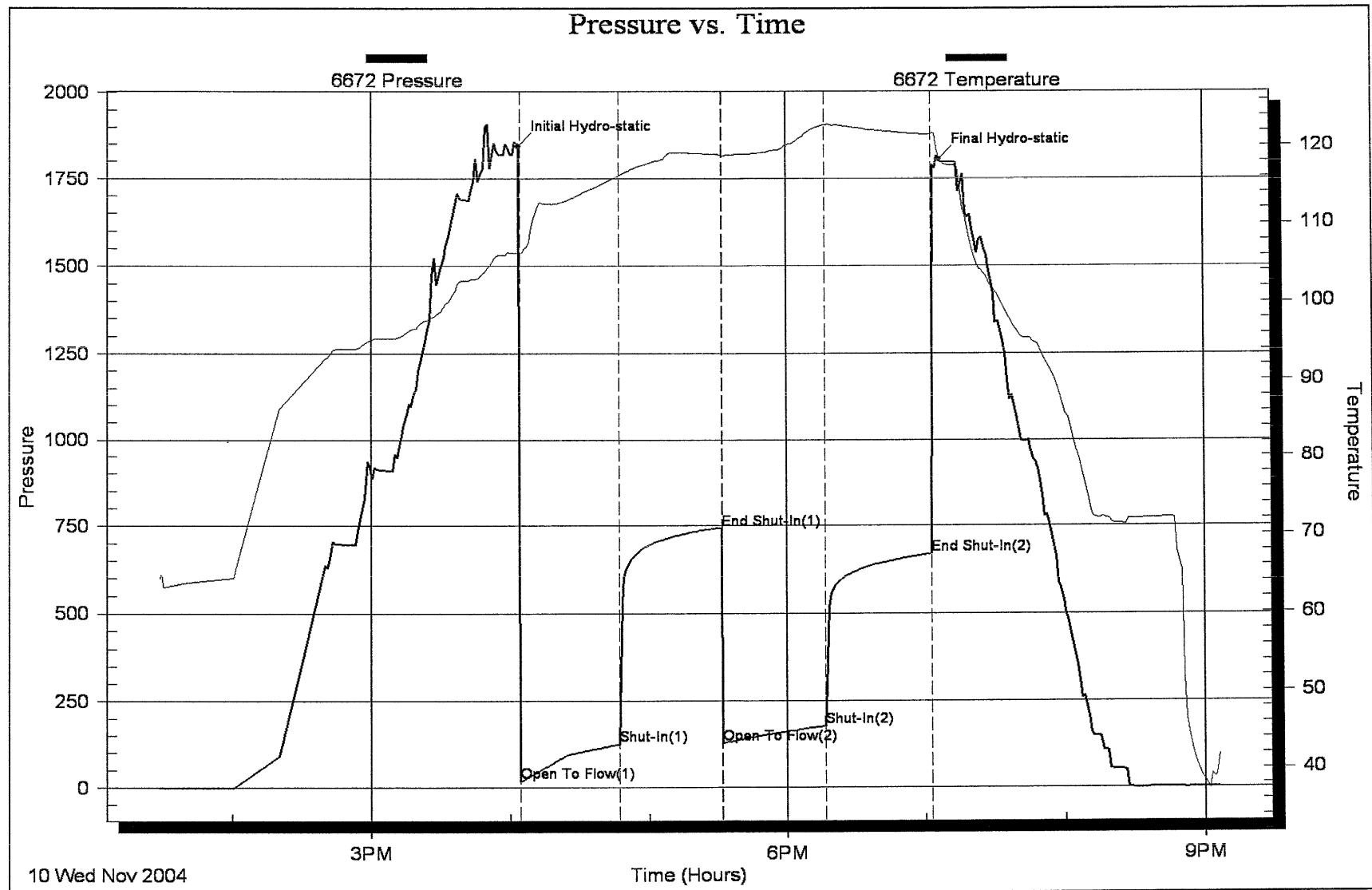
Length ft	Description	Volume bbl
340.00	Salt Water	3.139

Total Length: 340.00 ft Total Volume: 3.139 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

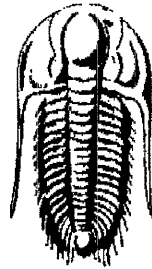


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CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

P.O.Box 1469
Plainfield, IL. 60544

ATTN: LeRoy Holt II

5-9s-25w Graham KS

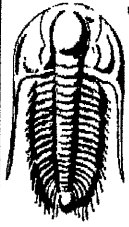
Dreiling # 1-5

Start Date: 2004.11.11 @ 04:16:51

End Date: 2004.11.11 @ 09:15:21

Job Ticket #: 20391 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, IL 60544

ATTN: LeRoy Holt II

Dreiling # 1-5

5-9s-25w Graham KS

Job Ticket: 20391

DST#: 2

Test Start: 2004.11.11 @ 04:16:51

GENERAL INFORMATION:

Formation: L.Kc.-50'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:23:21

Time Test Ended: 09:15:21

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: 3795.00 ft (KB) To 3810.00 ft (KB) (TVD)

Reference Elevations: 2476.00 ft (KB)

Total Depth: 3810.00 ft (KB) (TVD)

2468.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6672

Inside

Press@RunDepth: 14.10 psig @ 3797.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.11.11

End Date: 2004.11.11

Last Calib.: 2004.11.11

Start Time: 04:16:52

End Time: 09:15:21

Time On Btm: 2004.11.11 @ 06:22:51

Time Off Btm: 2004.11.11 @ 07:35:21

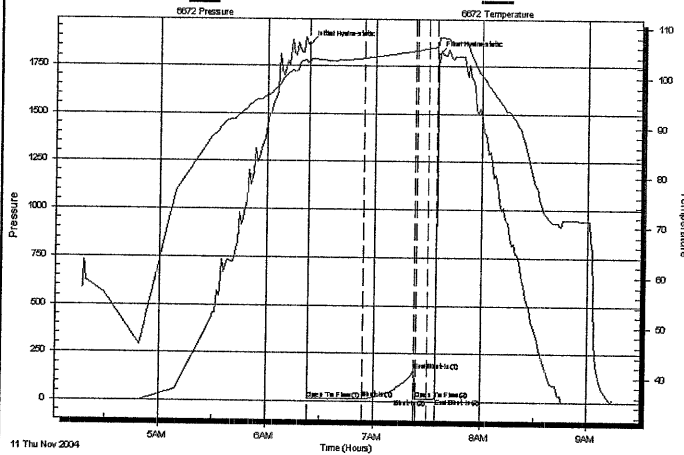
TEST COMMENT: IF-Weak Dead in 15 min.

ISI-Dead

FF-Dead

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

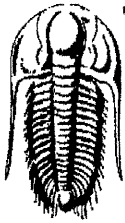
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.15	103.24	Initial Hydro-static
1	13.25	102.89	Open To Flow (1)
31	14.23	103.95	Shut-In(1)
60	165.62	105.45	End Shut-In(1)
61	14.51	105.49	Open To Flow (2)
67	14.10	105.94	Shut-In(2)
72	19.42	106.26	End Shut-In(2)
73	1809.33	106.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM	0.05
1.00	oil	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil, Inc.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20391

DST#: 2

ATTN: LeRoy Holt II

Test Start: 2004.11.11 @ 04:16:51

Tool Information

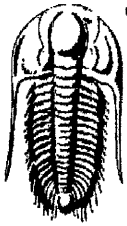
Drill Pipe:	Length: 3607.00 ft	Diameter: 3.80 inches	Volume: 50.60 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 51.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3795.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	35.00 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			3776.00	
Shut In Tool	5.00			3781.00	
Hydraulic tool	5.00			3786.00	
Packer	4.00			3790.00	20.00 Bottom Of Top Packer
Packer	5.00			3795.00	
Stubb	1.00			3796.00	
Perforations	1.00			3797.00	
Recorder	0.00	6672	Inside	3797.00	
Perforations	10.00			3807.00	
Recorder	0.00	13308	Outside	3807.00	
Bullnose	3.00			3810.00	15.00 Bottom Packers & Anchor

Total Tool Length: 35.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20391

DST#: 2

ATTN: LeRoy Holt II

Test Start: 2004.11.11 @ 04:16:51

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 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
10.00	SOCM	0.049
1.00	oil	0.005

Total Length: 11.00 ft

Total Volume: 0.054 bbl

Num Fluid Samples: 0

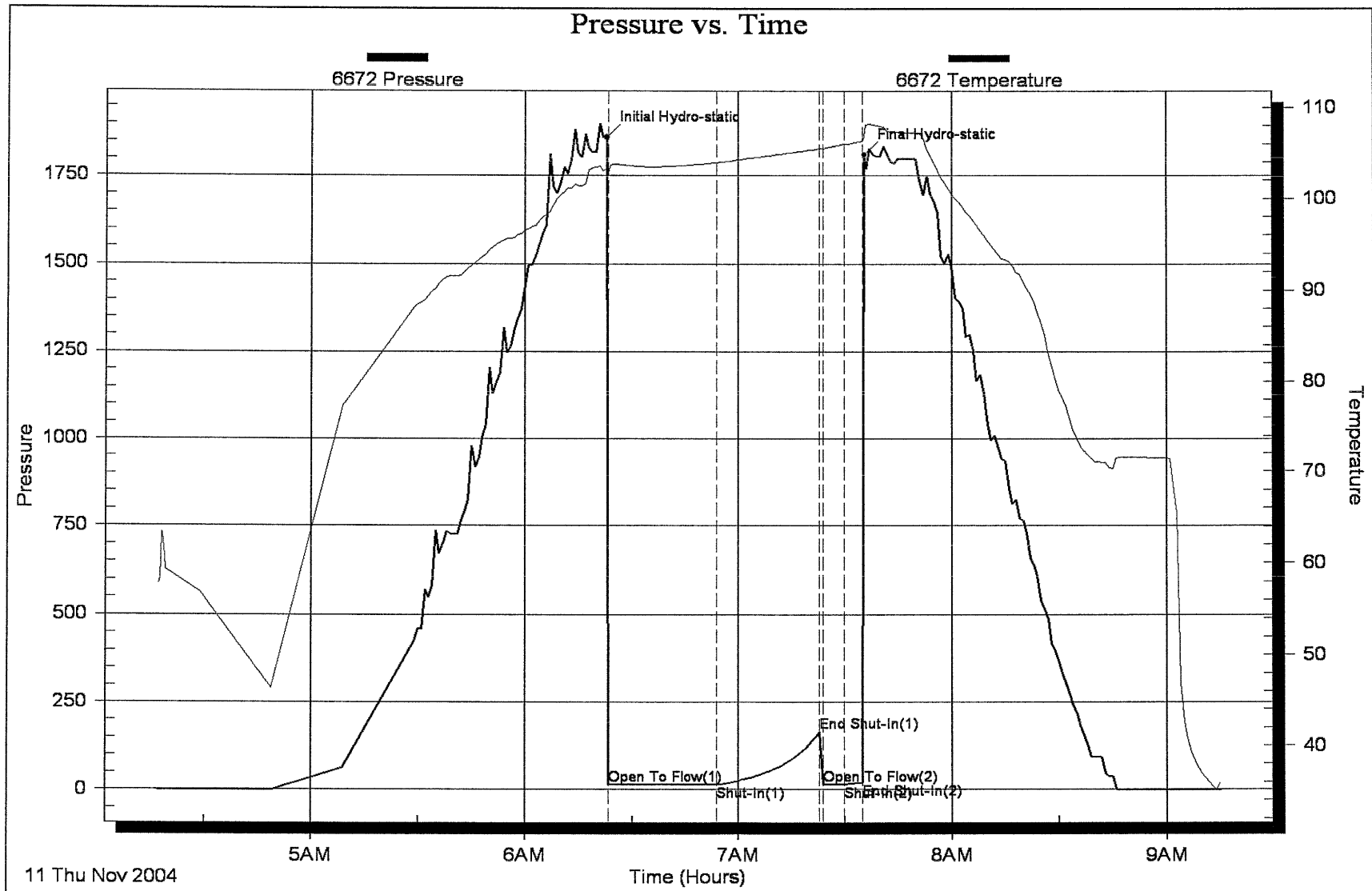
Num Gas Bombs: 0

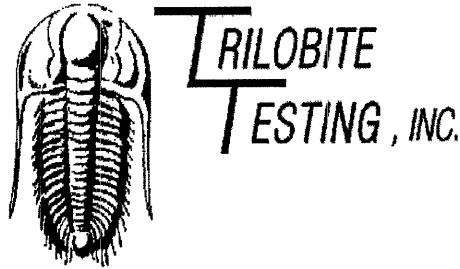
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





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WICHITA, KS

DRILL STEM TEST REPORT

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

P.O.Box 1469
Plainfield, IL 60544

ATTN: LeRoy Holt II

5-9s-25w Graham KS

Dreiling # 1-5

Start Date: 2004.11.11 @ 16:40:11

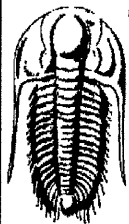
End Date: 2004.11.12 @ 00:29:41

Job Ticket #: 20392 DST #: 3

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

Dreiling # 1-5

5-9s-25w Graham KS

Job Ticket: 20392

DST#: 3

Test Start: 2004.11.11 @ 16:40:11

GENERAL INFORMATION:

Formation: **L.Kc.-70' & 90'**

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

Time Tool Opened: 18:32:41

Time Test Ended: 00:29:41

Test Type: **Conventional Bottom Hole**

Tester: **John Schmidt**

Unit No: **31**

Interval: **3813.00 ft (KB) To 3834.00 ft (KB) (TVD)**

Total Depth: **3834.00 ft (KB) (TVD)**

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

Reference Elevations: **2476.00 ft (KB)**

2468.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 6672

Inside

Press@RunDepth: **60.69 psig @ 3816.00 ft (KB)**

Start Date: **2004.11.11**

End Date:

2004.11.12

Start Time: **16:40:12**

End Time:

00:29:41

Capacity: **7000.00 psig**

Last Calib.: **2004.11.11**

Time On Btm: **2004.11.11 @ 18:32:11**

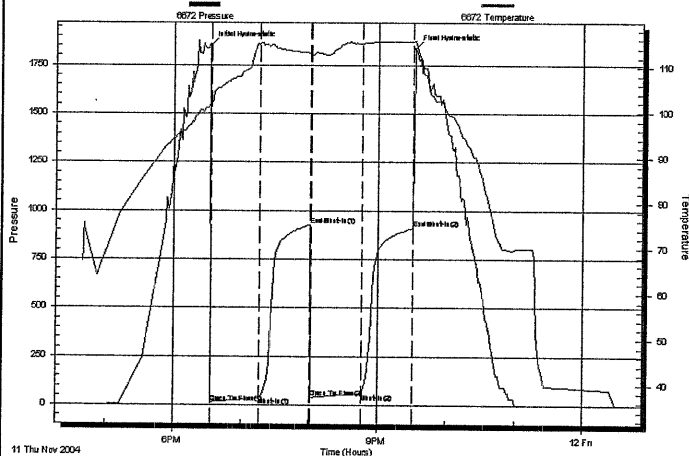
Time Off Btm: **2004.11.11 @ 21:32:11**

TEST COMMENT: **IF-Weak to Strong B.O.B.in 37 min.**
FF-Weak to Good built to 7" in.

ISI-Dead

FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

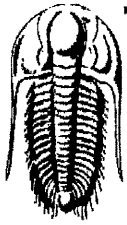
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1852.97	101.73	Initial Hydro-static
1	12.66	101.35	Open To Flow (1)
44	37.82	115.30	Shut-In(1)
89	927.80	113.23	End Shut-In(1)
89	38.22	113.08	Open To Flow (2)
134	60.69	115.32	Shut-In(2)
179	910.49	115.64	End Shut-In(2)
180	1835.07	115.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MCO-50% mud-50% oil	0.30
60.00	Oil	0.30
0.00	240 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.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20392

DST#: 3

ATTN: LeRoy Holt II

Test Start: 2004.11.11 @ 16:40:11

Tool Information

Drill Pipe:	Length: 3639.00 ft	Diameter: 3.80 inches	Volume: 51.05 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: 54000.00 lb
			<u>Total Volume: 51.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3813.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

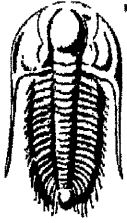
Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3794.00	
Shut In Tool	5.00			3799.00	
Hydraulic tool	5.00			3804.00	
Packer	4.00			3808.00	20.00 Bottom Of Top Packer
Packer	5.00			3813.00	
Stubb	1.00			3814.00	
Perforations	2.00			3816.00	
Recorder	0.00	6672	Inside	3816.00	
Perforations	15.00			3831.00	
Recorder	0.00	11084	Outside	3831.00	
Bullnose	3.00			3834.00	21.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20392

DST#: 3

ATTN: LeRoy Holt II

Test Start: 2004.11.11 @ 16:40:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MCO-50% mud-50% oil	0.295
60.00	Oil	0.295
0.00	240 gas in pipe	0.000

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

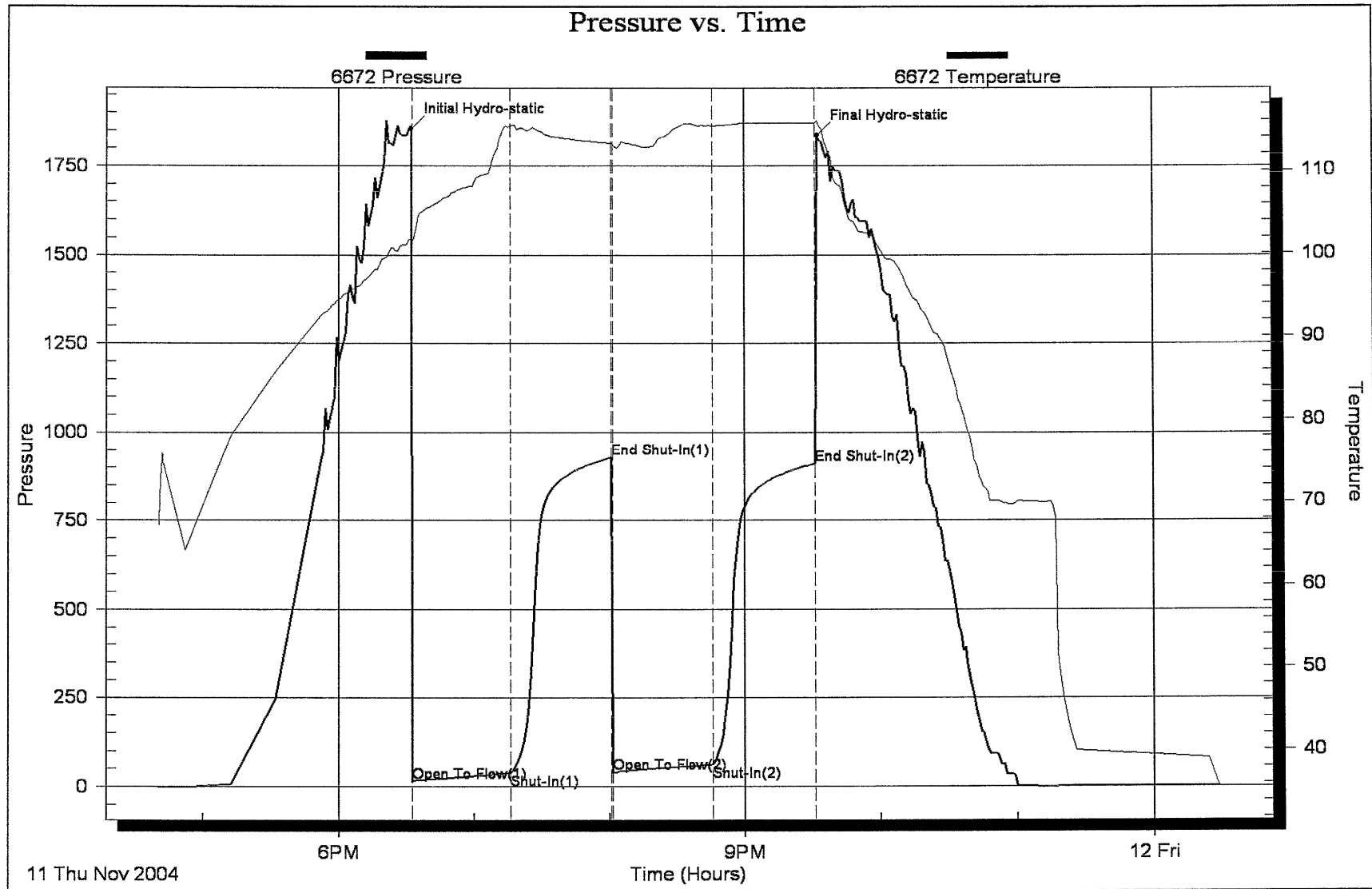
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

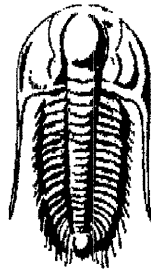
Recovery Comments:



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CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

P.O. Box 1469
Plainfield, IL 60544

ATTN: LeRoy Holt II

5-9s-25w Graham KS

Dreiling # 1-5

Start Date: 2004.11.12 @ 10:39:36

End Date: 2004.11.12 @ 17:30:36

Job Ticket #: 20393 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Russell Oil, Inc.

Dreiling # 1-5

5-9s-25w Graham KS

DST # 4

L.Kc.-140'

2004.11.12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Russell Oil, Inc.
 P.O.Box 1469
 Plainfield, IL 60544
 ATTN: LeRoy Holt II

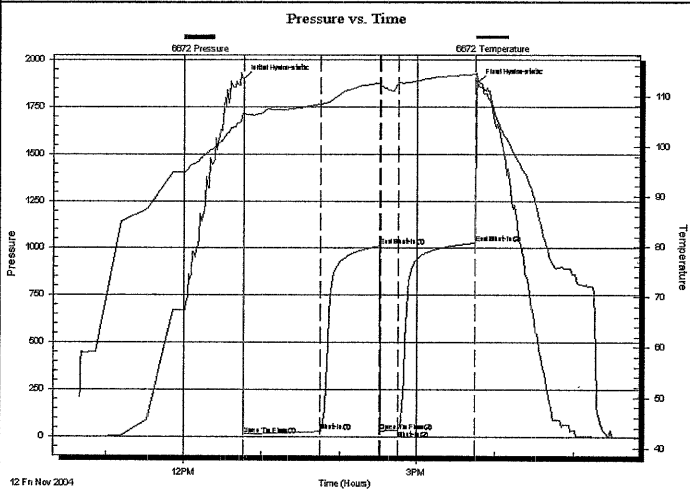
Dreiling # 1-5
5-9s-25w Graham KS
 Job Ticket: 20393 DST#: 4
 Test Start: 2004.11.12 @ 10:39:36

GENERAL INFORMATION:

Formation: L.Kc.-140'	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: John Schridt
Time Tool Opened: 12:46:36	Unit No: 31
Time Test Ended: 17:30:36	
Interval: 3862.00 ft (KB) To 3892.00 ft (KB) (TVD)	Reference Elevations: 2476.00 ft (KB)
Total Depth: 3892.00 ft (KB) (TVD)	2468.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair	KB to GR/CF: 8.00 ft

Serial #: 6672	Inside		
Press@RunDepth: 36.15 psig @ 3865.00 ft (KB)	Capacity: 7000.00 psig		
Start Date: 2004.11.12	End Date: 2004.11.12	Last Calib.: 2004.11.12	
Start Time: 10:39:37	End Time: 17:30:36	Time On Btm: 2004.11.12 @ 12:46:06	
		Time Off Btm: 2004.11.12 @ 15:46:36	

TEST COMMENT: IF-Weak 1" blow IS-Dead
 FF-Dead FSI-Dead



PRESSURE SUMMARY

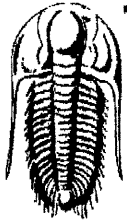
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1899.33	106.65	Initial Hydro-static
1	12.73	106.49	Open To Flow (1)
59	29.76	108.44	Shut-In(1)
105	1011.12	112.58	End Shut-In(1)
106	32.64	112.17	Open To Flow (2)
119	36.15	112.48	Shut-In(2)
179	1027.71	114.48	End Shut-In(2)
181	1879.71	113.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Drilling mud with oil spots	0.20

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil, Inc.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20393

DST#: 4

ATTN: LeRoy Holt II

Test Start: 2004.11.12 @ 10:39:36

Tool Information

Drill Pipe:	Length: 3671.00 ft	Diameter: 3.80 inches	Volume: 51.49 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: 53000.00 lb
			<u>Total Volume: 52.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3862.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

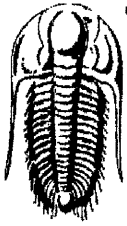
Tool Comments:

Tool Description

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

Change Over Sub	1.00			3843.00	
Shut In Tool	5.00			3848.00	
Hydraulic tool	5.00			3853.00	
Packer	4.00			3857.00	20.00 Bottom Of Top Packer
Packer	5.00			3862.00	
Stubb	1.00			3863.00	
Perforations	2.00			3865.00	
Recorder	0.00	6672	Inside	3865.00	
Perforations	24.00			3889.00	
Recorder	0.00	13308	Outside	3889.00	
Bullnose	3.00			3892.00	30.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil, Inc.

Dreiling # 1-5

P.O.Box 1469
Plainfield, IL 60544

5-9s-25w Graham KS

Job Ticket: 20393

DST#: 4

ATTN: LeRoy Holt II

Test Start: 2004.11.12 @ 10:39:36

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 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
40.00	Drilling mud with oil spots	0.197

Total Length: 40.00 ft

Total Volume: 0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

