

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

CONFIDENTIAL

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: Shields Oil Producers, Inc.
License: 5184

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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)

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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. _____
5-17-2004 5-25-2004 6-21-2004
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 065-22981-00-00
County: Graham
S22 Sec. 18 Twp. 8 S. R. 22 East West
970 feet from S / (N) (circle one) Line of Section
1430 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) (NE) SE NW SW
Lease Name: Rice Trust "B" Well #: 1-18
Field Name: Schnebly West (field revival)

Producing Formation: Lansing-Kansas City
Elevation: Ground: 2105' Kelly Bushing: 2110'
Total Depth: 3630' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 219' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1782' Feet
If Alternate II completion, cement circulated from 1782'
feet depth to surface w/ 200 sx cmt.

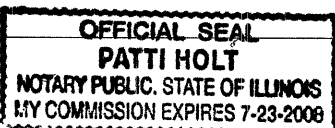
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content 1500 ppm Fluid volume 800 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

ACT II WITH
4-24-07

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: [Signature]
Title: President Date: 9-13-2004
Subscribed and sworn to before me this 13 day of September,
2004.
Notary Public: Patti L 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: Rice Trust "B" Well #: 1-18
 Sec. 18 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 Yes No
 (Attach Additional Sheets)
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No
 Electric Log Run Yes No
 (Submit Copy)

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

See Geologists report attached hereto.

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List All E. Logs Run:

Dual Induction, Dual Comp. Porosity, Microresistivity, Sonic Cement Bond

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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#	219'	60/40 poz	175	3% gel, 2% gel
Production	7 7/8"	5 1/2"	15.5	3628'	AA-2	120	

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3533-3536'	250 gal. 15% mud acid; 1500 gal 28% NE w/ OM-146 and 2% OM-10 solvent	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8" EUE	3610'	none	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
6-28-2004	<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
	15	0	0		37

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 _____

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REPORT COPY

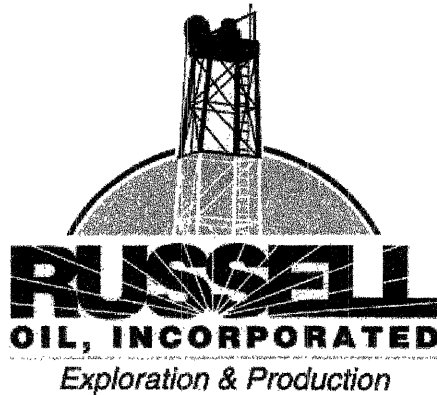
Geological Report

for

KCC

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RUSSELL OIL, INC.

No. 1 Rice Trust "B"
970' FNL & 1430' FEL
Section 18-8S-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. 1 Rice Trust "B"
API # 15-065-22981-00-00

LOCATION: 970' from the North Line
1430' from the East Line
Section 18-8S-22W
Graham County, Kansas

FIELD: Schnebly West (Abandoned)

CONTRACTOR: Shields Drilling Inc.

DRILLING COMMENCED: 5-17-2004

DRILLING COMPLETED: 5-25-2004

DRILLING TIME: One (1) foot drilling time was recorded
from 3000' to 3630' RTD.

SAMPLES: Samples were saved and examined from
3000' to 3630' RTD.

ELEVATIONS: 2105' Ground Level 2110' Kelly Bushing

MEASUREMENTS: All depths are measured from 2110' K.B.

CASING RECORD: 8 5/8" Surface Casing set @ 219' with 175 sxs. 60/40 poz
5 1/2" Production Casing @ with sxs. ASC

FORMATION TESTING: Four (4) Tests were run by Trilobite Testing Inc.
Jason McLemore, Tester

MUD: Mud-Co. (Chemical Mud)

OPEN HOLE LOGS: Log-Tech Inc. (CNL, CDL, DIL, MEL, Sonic)
Richard Bollig, (Engineer)

PRODUCTION: Oil (Lansing-Kansas City)

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FORMATION TOPS:

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FORMATION	SAMPLE	LOG	DATUM
ANHYDRITE	1746'	1745'	+ 365'
BASE ANHYDRITE	1777'	1775'	+ 335'
TOPEKA	3109'	3108'	- 998'
HEEBNER SHALE	3325'	3323'	-1213'
TORONTO	3351'	3344'	-1234'
LANSING	3465'	3460'	-1250'
MUNCIE CREEK SH.	3484'	3481'	-1371'
STARK SHALE	3544'	3541'	-1431'
BASE KANSAS CITY	3573'	3570'	-1460'
LOG TOTAL DEPTH	*****	3630'	-1520'
LOG TOTAL DEPTH	3630'	*****	-1520'

SAMPLE DESCRIPTIONS AND TEST DATA:

TOPEKA:

3272-3278 Limestone, tan and white, finely crystalline, oolitic and oolitic, good visible interparticle and oolitic porosity, no shows of oil were noted.

TORONTO:

3344-3352 Limestone, white, cream and buff, finely crystalline, dense, slightly chalky, poor visible porosity, no shows of oil were noted.

LANSING:

3360-3370 Limestone, white, fine to medium crystalline, slightly oolitic, poor visible interoolitic porosity, slightly chalky, abundant white chert, no shows of oil were noted.

3394-3398

Limestone, white and tan, finely crystalline, slightly dolomitic, sucrosic in part, fair to good visible staining and saturation, fair show of free oil, good odor.
(Covered by D.S.T. No. 1)

FORMATION TEST NO. 1

Lansing-K.C. (35')
 Tested from 3382'-3405'

<i>Strong building to B.O.B. in 4 min</i>	30 min.	I.H.P.	1639#
<i>No blow-back</i>	45 min.	I.F.P.	55# -313#
<i>Strong building to B.O.B. in 6 min</i>	30 min.	<u>I.S.I.P.</u>	<u>1144#</u>
<i>No blow-back</i>	60 min.	F.F.P.	318# -473#
		<u>F.S.I.P.</u>	<u>1140#</u>
		F.H.P.	1596#

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RECOVERY: 2' Clean Oil
 1018' Water
 1020' Total Liquid Recovery

TEMPERATURE: 111*

CHLORIDES: 6,700 ppm (Recovery) 1,000 ppm (System)

3411-3418 Limestone, white and cream, finely crystalline, slightly fossiliferous and oolitic, dense, fair spotted staining, very slight show of oil on break, light odor. (Covered by D.S.T. No. 2)

3428-3434 Limestone, white and gray, finely crystalline, oolitic, chalky, poor visible interparticle porosity, fair staining, slight show of free oil, no odor. (Covered by D.S.T. No. 2)

FORMATION TEST NO. 2

Lansing-K.C. (50' - 70')
 Tested from 3408'-3439'

<i>Weak building to 2" inches</i>	45 min.	I.H.P.	1665#
<i>No blow back</i>	45 min.	I.F.P.	13# -37#
<i>Weak building to 1/4" inches</i>	45 min.	<u>I.S.I.P.</u>	<u>1157#</u>
<i>No blow back</i>	45 min.	F.F.P.	42# 68#
		<u>F.S.I.P.</u>	<u>1139#</u>
		F.H.P.	1638#

RECOVERY: 10' Mud Cut Oil
 130' Muddy Water
 140' Total Liquid Recovery

TEMPERATURE: 106*

CHLORIDES: 41,000 ppm (Recovery) 900 ppm (System)

3441-3445 Limestone, brown and tan, finely crystalline, slightly cherty, fair visible intercrystalline and vugular porosity, fair staining and saturation, fair show of free oil, light odor. (Covered by D.S.T. No. 3)

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FORMATION TEST NO. 3			
Lansing-K.C. (90')		CONSERVATION DIVISION	
Tested from 3439'-3445'		WICHITA, KS	
<i>B.O.B. in 23 min.</i>	30 min.	I.H.P.	1755#
<i>No blow back</i>	45 min.	I.F.P.	21# -139#
<i>B.O.B. in 29 min.</i>	30 min.	<u>I.S.I.P.</u>	<u>1119#</u>
<i>No blow back</i>	45 min.	F.F.P.	141# -188#
		<u>F.S.I.P.</u>	<u>1115#</u>
		F.H.P.	1616#
RECOVERY:	330' Muddy Water		
TEMPERATURE:	112*		
CHLORIDES:	43,000 ppm (Recovery) 1,200 ppm (System)		

- 3495-3505 Limestone, white, finely crystalline, slightly fossiliferous, trace of pinhole porosity, slightly chalky, slight staining, very slight show of oil on break, no odor.
- 3517-3524 Limestone, white and tan, dense, finely crystalline, slightly chalky, minor white chert, poor visible porosity, no shows of oil, no odor. ☹
- 3532-3538 Limestone, cream and tan, oolitic and fossiliferous, good visible interoolitic and pinhole porosity, good light brown staining and saturation, good show of free gassy oil, fair odor. ☺ (Covered by D.S.T. No. 4)

FORMATION TEST NO. 4			
Lansing-K.C. (180')			
Tested from 3528'-3540'			
<i>Strong B.O.B. in 9 min.</i>	45 min.	I.H.P.	1766#
<i>2 ½" blow back</i>	45 min.	I.F.P.	65# -148#
<i>Fair blow building to 5 ½"</i>	60 min.	<u>I.S.I.P.</u>	<u>912#</u>
<i>Weak blow back</i>	90 min.	F.F.P.	156# -193#
		<u>F.S.I.P.</u>	<u>923#</u>
		F.H.P.	1700#
RECOVERY:	315' Gas in Pipe 225' Clean Gassy Oil 235' Mud Cut Oil <u>65' Water</u> 525' Total Liquid Recovery		
TEMPERATURE:	112*		
CHLORIDES:	N/A ppm (Recovery) 1,600 ppm (System)		

- 3549-3557 Limestone, white and cream, finely crystalline, slightly fossiliferous and oolitic, fair visible interparticle porosity, chalky, slight show of free oil, fair spotted staining, no odor.

STRUCTURAL COMPARISON:

	Russell Oil No. 2 Rice Trust "B" 1680' FSL & 1770' FEL Sec. 18-8S-22W OIL	Russell Oil No. 1 Rice Trust "C" 970' FSL & 1430' FEL Sec. 18-8S-22W Oil
ANHYDRITE	+ 365'	+ 370'
BASE ANHYDRITE	+ 335'	+ 339'
TOPEKA	- 998'	-1001'
HEEBNER SHALE	-1213'	-1215'
TORONTO	-1234'	-1238'
LANSING	-1250'	-1253'
BASE KANSAS CITY	-1460'	-1460'

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WICHITA, KS

SUMMARY:

The No. 1 Rice Trust 'B' was under geological supervision from 3000' to 3630' RTD. With the positive results of D.S.T. No. 4 and after reviewing the open hole logs, it was decided to run 5 1/2" casing and further evaluate this well through perforations.

Recommended Perforations

Lansing- K.C. 3533'-3536'

Respectfully submitted,


Todd E. Morgenstern

TREATMENT REPORT



Customer ID		Date	
Customer Russell Oil		5-25-04	
Lease Rice Trust B		Lease No.	Well # 1-18
Field Order # 8406	Station Pratt KS	Casing 5 1/2	Depth 3628
County Graham		State KS	
Type Job Long string New Well		Formation	Legal Description 18-8s-22w

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size	Shots/Ft Port Collar		Acid 30ski Scavenger		RATE	PRESS	ISIP
Depth 3610	Depth PBD	From 1782'		Pre Pad 1.3% FR, 25 C.F		Max 2.0 12.0ppg	2000	5 Min.
Volume 85.9	Volume	From	To	Pad 85ski AA-2 1090 Salt		Min		10 Min.
Max Press 2000	Max Press	From 1.44	To 15.0	Frac 1.8% FLA. 322, 3 FR		Avg # 6.1		15 Min.
Well Connection	Annulus Vol.	From	To	Flush 2% KCL + M.F.		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To			Gas Volume		Total Load

Customer Representative Burt Berry	Station Manager Dave Autry	Treater D. Scott
---------------------------------------	-------------------------------	---------------------

Service Units	118	27	47	76
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Time	Casing Pressure	Tubing Pressure	Bbls Pumped	Rate	Service Log
1200					On Loc w/ Trki Safety mtg
					Comp F.I.E. Port Collar @ 1782'
					Csg on Bottom Drop Ball + Circ 46min
1502	200		20	4.5	St 2% KCL flush
1504	200		12	4.5	St mud flush
1507	200		5	4.5	H2O spacer
1511	300		15	4.0	mix 35ski Scavenger cnt @ 12.0ppg
1514	250		22	4.0	mix Tail cnt @ 15.0ppg 85ski
1521	Ø		10	5	Chase In + Wash Pump + line
					Release Top Sniper Plug
1523	100			6.0	St Disp w/ H2O
1532	300		65	5.5	lifting cnt 65 Bbli Disp Out
1537	1500		85.9	Ø	Plug Down + psi Test Csg
1538	Ø				Release psi float weld
					Good Circ Thru Job
					Plug R.H. w/ 1.5ski Scavenger w/ M.H.
					Rotated Csg
					Job Complete
					Thank you Scotty

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383



TREATMENT REPORT

Customer ID		Date	
Customer Russell Oil		6-18-04	
Rice Trust 11B"			
Lease Rice Trust "B"		Lease No.	Well # 1-18

Field Order # 7628	Station LIBERAL	Casing 5 1/2	Depth	County GRAHAM	State KS
Type Job Part Caller (NW)			Formation	Legal Description 18-25-22W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 2 7/8	Shots/Ft		Actual 200 SH A CON		RATE	PRESS	ISIP
Depth P.C. @ 1282	Depth 1282	From	To	Pre Pad RECEIVED	Max			5 Min.
Volume	Volume 6.8	From	To	Pad SEP 14 2004	Min			10 Min.
Max Press	Max Press	From	To	Frac	Avg			15 Min.
Well Connection 2 3/8	Annulus Vol.	From	To	CONSERVATION DIVISION WICHITA, KS		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush WATER	Gas Volume			Total Load

Customer Representative LEROY HOLT	Station Manager Dirk MORRIS	Treater Shawn FREDERICK
---	------------------------------------	--------------------------------

Service Units	108	28	44	71				
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1130					ON LOCATION / Rig Pulling Tubing
1135					PRE-JOB-SAFETY MEETING
1140					RIG UP P.T.
1310					TUBING OUT OF HOLE / PUT ON P.C. OPEN
1345					RUN TUBING IN HOLE
1410		400	62	3	LOAD HOLE
1430		1000	1	1/2	PSI TEST TO 1000 PSI
1450					OPEN PART CALLER
1505		350	7	2.5	BREAK CIR
1510		400	105	3	PUMP 200 SH A CON @ 12"
1530		400	6	1 1/2	PUMP DSP
1537					SHOT DOWN / SHOT PART CALLER
1540		1000	1/2	1/2	TEST PART CALLER
1545					RUN 6 JOBS IN HOLE
1610	300		20	2.5	REVERSE OUT
1630					WASH LINES
1700					JOB COMPLETE
					* CRT TO SURFACE 25 BBL/S



TREATMENT REPORT

Customer ID		Date	
Customer <i>Russell Oil</i>		5-17-04	
Lease <i>Rice Trust</i>		Lease No.	Well # <i>B-1</i>

Field Order # <i>8483</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>	Depth <i>221</i>	County <i>Graham</i>	State <i>Ks.</i>
Type Job <i>8 5/8 S.P. New Well</i>			Formation	Legal Description <i>18-85-22W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft	<i>Cmt.</i>	Acid <i>1755L 60/40/02</i>		RATE	PRESS	ISIP
Depth <i>221</i>	Depth	From	To	Pre Pad <i>14.7 #/gal 1.25 FT³</i>	Max			5 Min.
Volume <i>13.8</i>	Volume	From	To	Pad <i>20/bbl, 3% C.C.</i>	Min			10 Min.
Max Press <i>300</i>	Max Press	From	To	Enc...	Avg			15 Min.
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	HHP Used			Annulus Pressure
Plug Depth <i>202</i>	Packer Depth	From	To		Gas Volume			Total Load

Customer Representative <i>Burt Berry</i>	Station Manager <i>Dave Aubry</i>	Treater <i>Bobby Drake</i>
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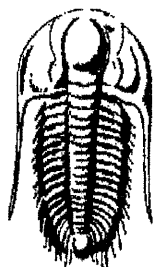
Service Units		105	27	46	75				
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log				
<i>2000</i>					<i>On location - Safety Meeting</i>				
<i>2218</i>					<i>Run Csg. - 8 5/8 20# 5jts.</i>				
<i>2250</i>					<i>Csg. On Bottom</i>				
<i>2257</i>					<i>Hook Up to Csg. - Break Circ. w/ Rig</i>				
<i>2309</i>	<i>100</i>		<i>10</i>	<i>4.0</i>	<i>H2O Ahead</i>				
<i>2313</i>	<i>100</i>		<i>42</i>	<i>4.0</i>	<i>Mix Cmt. @ 14.7 #/gal</i>				
<i>2325</i>					<i>Shut Down Release Plug</i>				
<i>2326</i>	<i>150</i>			<i>4.0</i>	<i>Start Disp.</i>				
<i>2330</i>			<i>13</i>		<i>Plug Down</i>				
					<i>Circulation Thru Job</i>				
					<i>Circulated Cmt. To Pit</i>				
					<i>Job Complete</i>				

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 WICHITA, KS

Thanks, Bobby



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil**
PO Box 1469
Plainfield ILL. 60544

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WICHITA, KS

ATTN: Todd Morgenstern

18-8-22-Graham

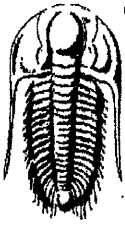
Rice Trust #1-18

Start Date: 2004.05.22 @ 03:23:06

End Date: 2004.05.22 @ 10:03:06

Job Ticket #: 19480 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
 PO Box 1469
 Plainfield ILL. 60544
 ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
 Job Ticket: 19480 **DST#: 1**
 Test Start: 2004.05.22 @ 03:23:06

GENERAL INFORMATION:

Formation: **LKC-35'**
 Deviated: **No Whipstock:** **ft (KB)**
 Time Tool Opened: 05:06:36
 Time Test Ended: 10:03:06

Test Type: **Conventional Bottom Hole**
 Tester: **Jason McLemore**
 Unit No: **24**

Interval: **3382.00 ft (KB) To 3405.00 ft (KB) (TVD)**
 Total Depth: **3405.00 ft (KB) (TVD)**
 Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2110.00 ft (KB)**
2105.00 ft (CF)
 KB to GR/CF: **5.00 ft**

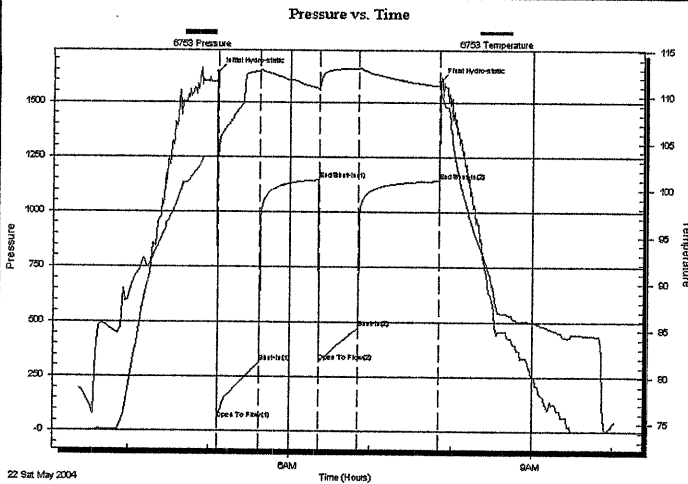
Serial #: 6753

Inside

Press@RunDepth: **473.16 psig @ 3384.00 ft (KB)**
 Start Date: **2004.05.22** End Date: **2004.05.22**
 Start Time: **03:23:36** End Time: **10:03:06**

Capacity: **7000.00 psig**
 Last Calib.: **1899.12.30**
 Time On Btm: **2004.05.22 @ 05:06:16**
 Time Off Btm: **2004.05.22 @ 07:50:56**

TEST COMMENT: IFP- Strong Blow , BOB in 4 min.
 IS- No Blow back
 FFP- Good Blow , BOB in 6 min.
 FS- No Blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1639.12	103.79	Initial Hydro-static
1	54.76	103.50	Open To Flow (1)
31	313.46	112.75	Shut-In (1)
76	1144.46	110.92	End Shut-In(1)
76	317.90	110.73	Open To Flow (2)
105	473.16	113.04	Shut-In(2)
165	1140.23	111.17	End Shut-In(2)
165	1596.44	111.24	Final Hydro-static

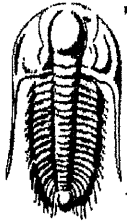
Recovery

Length (ft)	Description	Volume (bbl)
2.00	Oil	0.01
1018.00		11.71

Gas Rates

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

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WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil

Rice Trust #1-18

PO Box 1469
Plainfield ILL. 60544

18-8-22-Graham

ATTN: Todd Morgenstern

Job Ticket: 19480

DST#: 1

Test Start: 2004.05.22 @ 03:23:06

Tool Information

Drill Pipe: Length: 3083.00 ft Diameter: 3.80 inches Volume: 43.25 bbl
Heavy Wt. Pipe: Length: 284.00 ft Diameter: 2.25 inches Volume: 1.40 bbl
Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl

Tool Weight: 2400.00 lb

Weight set on Packer: 25000.00 lb

Weight to Pull Loose: 70000.00 lb

Tool Chased 4.00 ft

String Weight: Initial 47000.00 lb

Final 52000.00 lb

Total Volume: 44.65 bbl

Drill Pipe Above KB: 6.00 ft

Depth to Top Packer: 3382.00 ft

Depth to Bottom Packer: ft

Interval between Packers: 23.00 ft

Tool Length: 44.00 ft

Number of Packers: 2 Diameter: 6.75 inches

Tool Comments:

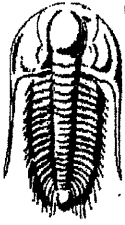
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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3362.00	
Shut In Tool	5.00			3367.00	
Hydraulic tool	5.00			3372.00	
Packer	5.00			3377.00	21.00 Bottom Of Top Packer
Packer	5.00			3382.00	
Stubb	1.00			3383.00	
Perforations	1.00			3384.00	
Recorder	0.00	6753	Inside	3384.00	
Perforations	18.00			3402.00	
Recorder	0.00	13252	Outside	3402.00	
Bullnose	3.00			3405.00	23.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil
PO Box 1469
Plainfield ILL. 60544
ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19480 DST#: 1
Test Start: 2004.05.22 @ 03:23:06

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:	6700 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

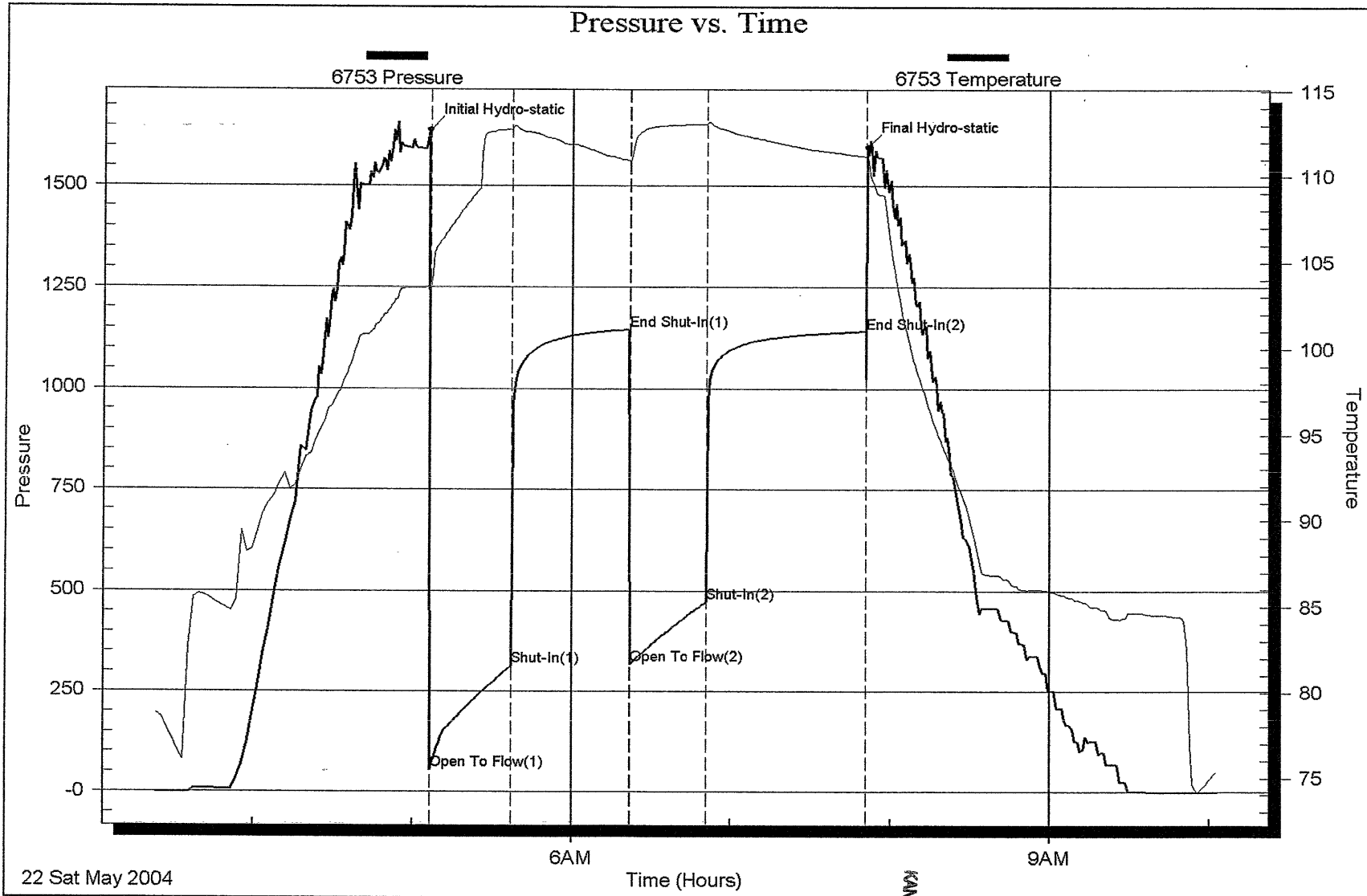
Recovery Information

Recovery Table

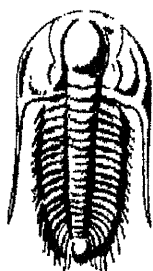
Length ft	Description	Volume bbl
2.00	Oil	0.010
1018.00		11.711

Total Length: 1020.00 ft Total Volume: 11.721 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**

PO Box 1469
Plainfield ILL. 60544

ATTN: Todd Morgenstern

18-8-22-Graham

Rice Trust #1-18

Start Date: 2004.05.22 @ 20:20:31

End Date: 2004.05.23 @ 02:43:16

Job Ticket #: 19481 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
PO Box 1469
Plainfield ILL. 60544
ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19481 **DST#: 2**
Test Start: 2004.05.22 @ 20:20:31

GENERAL INFORMATION:

Formation: **LKC-60-70**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:58:21
Time Test Ended: 02:43:16
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 24
Interval: **3408.00 ft (KB) To 3439.00 ft (KB) (TVD)**
Total Depth: 3439.00 ft (KB) (TVD)
Reference Elevations: 2110.00 ft (KB)
Hole Diameter: 7.80 inches Hole Condition: Good
2105.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 **Inside**
Press@RunDepth: 58.42 psig @ 3412.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2004.05.22 End Date: 2004.05.23 Last Calib.: 1899.12.30
Start Time: 20:21:01 End Time: 02:43:16 Time On Btmr: 2004.05.22 @ 21:57:51
Time Off Btmr: 2004.05.23 @ 01:01:01

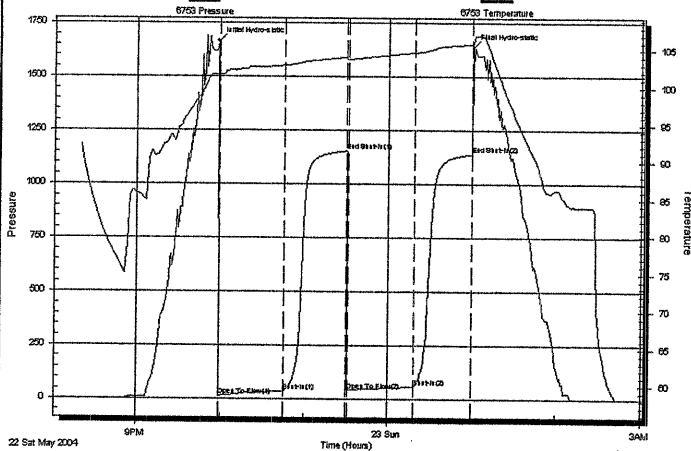
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TEST COMMENT: IFP- Weak Blow , Built to 2"
IS- No Blow back
FFP-Weak Blow 1/4"
FSI-No Blow back

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Pressure vs. Time



PRESSURE SUMMARY

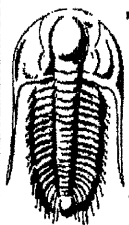
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.94	101.85	Initial Hydro-static
1	13.31	100.88	Open To Flow (1)
48	37.42	103.00	Shut-In(1)
92	1153.01	104.07	End Shut-In(1)
94	40.34	103.79	Open To Flow (2)
141	58.42	104.70	Shut-In(2)
183	1139.03	105.84	End Shut-In(2)
184	1638.09	106.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	MCO-70%O-15%W-15%M	0.05
50.00	Muddy Water-1%O-79%W-20%M	0.25

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil
PO Box 1469
Plainfield ILL. 60544
ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19481 **DST#: 2**
Test Start: 2004.05.22 @ 20:20:31

Tool Information

Drill Pipe:	Length: 3109.00 ft	Diameter: 3.80 inches	Volume: 43.61 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 284.00 ft	Diameter: 2.25 inches	Volume: 1.40 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 45.01 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3408.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3388.00	
Shut In Tool	5.00			3393.00	
Hydraulic tool	5.00			3398.00	
Packer	5.00			3403.00	21.00 Bottom Of Top Packer
Packer	5.00			3408.00	
Stubb	1.00			3409.00	
Perforations	3.00			3412.00	
Recorder	0.00	6753	Inside	3412.00	
Perforations	24.00			3436.00	
Recorder	0.00	13252	Outside	3436.00	
Bullnose	3.00			3439.00	31.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil
PO Box 1469
Plainfield ILL. 60544
ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19481 **DST#: 2**
Test Start: 2004.05.22 @ 20:20:31

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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

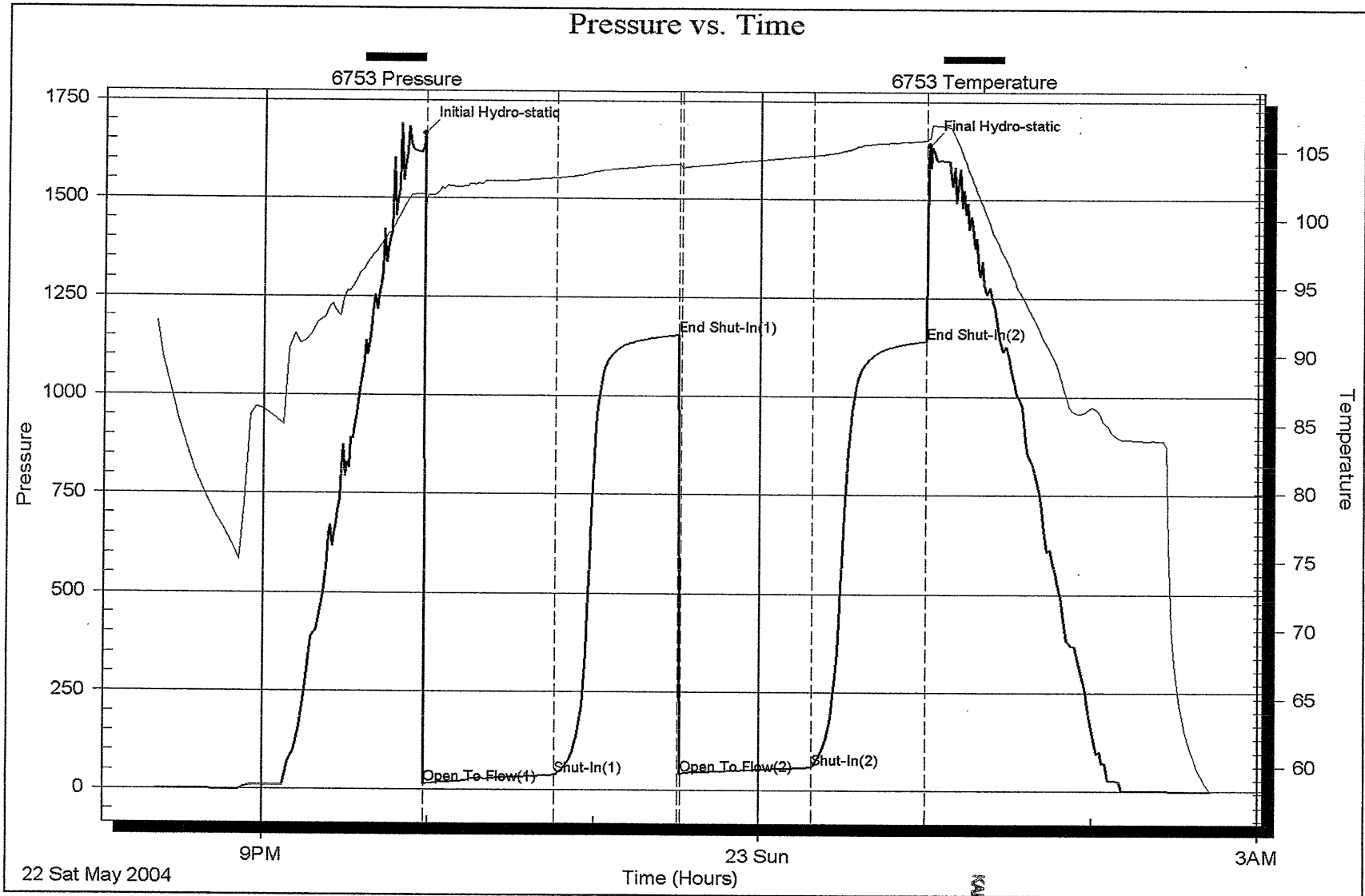
Length ft	Description	Volume bbl
10.00	MCO-70%O-15%W-15%M	0.049
50.00	Muddy Water-1%O-79%W-20%M	0.246

Total Length: 60.00 ft Total Volume: 0.295 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

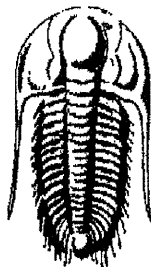
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TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Russell Oil**

PO Box 1469
Plainfield ILL. 60544

ATTN: Todd Morgenstern

18-8-22-Graham

Rice Trust #1-18

Start Date: 2004.05.23 @ 08:33:01

End Date: 2004.05.23 @ 14:13:16

Job Ticket #: 19482 DST #: 3

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DRILL STEM TEST REPORT

Russell Oil
PO Box 1469
Plainfield ILL. 60544

Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19482 **DST#: 3**
Test Start: 2004.05.23 @ 08:33:01

ATTN: Todd Morgenstern

GENERAL INFORMATION:

Formation: **90**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: **10:10:01**
Time Test Ended: **14:13:16**

Interval: 3439.00 ft (KB) To 3445.00 ft (KB) (TVD)
Total Depth: **3405.00 ft (KB) (TVD)**
Hole Diameter: **7.80 inches** Hole Condition: **Good**

Test Type: **Conventional Bottom Hole**
Tester: **Jason McLemore**
Unit No: **24**

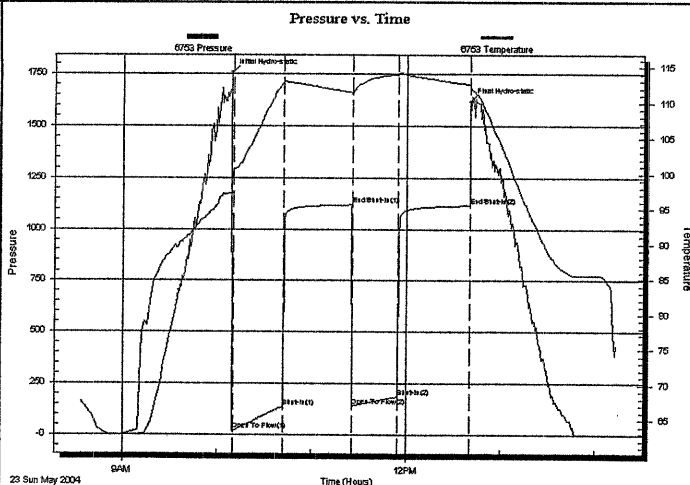
Reference Elevations: **2110.00 ft (KB)**
2105.00 ft (CF)
KB to GR/CF: **5.00 ft**

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Serial #: 6753 **Inside**

Press@RunDepth: **187.52 psig @ 3442.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2004.05.23** End Date: **2004.05.23** Last Calib.: **1899.12.30**
Start Time: **08:33:31** End Time: **14:13:16** Time On Btm: **2004.05.23 @ 10:09:01**
Time Off Btm: **2004.05.23 @ 12:40:11**

TEST COMMENT: IFP-Good Blow , BOB in 23 min.
ISI-No Blow back
FFP-BOB in 29 min.
FSI Weak Surface Blow back for 3 min.



PRESSURE SUMMARY

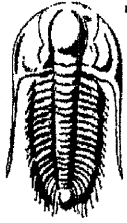
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1754.70	99.30	Initial Hydro-static
1	21.05	100.78	Open To Flow (1)
33	138.71	112.86	Shut-in(1)
77	1118.88	111.51	End Shut-In(1)
77	141.49	111.23	Open To Flow (2)
106	187.52	114.05	Shut-in(2)
151	1115.08	112.66	End Shut-In(2)
152	1615.84	112.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
330.00	Muddy Water	2.04

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil
PO Box 1469
Plainfield LL. 60544

ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19482 **DST#: 3**
Test Start: 2004.05.23 @ 08:33:01

Tool Information

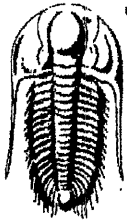
Drill Pipe:	Length: 3141.00 ft	Diameter: 3.80 inches	Volume: 44.06 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 284.00 ft	Diameter: 2.25 inches	Volume: 1.40 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 45.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3439.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	27.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3419.00	
Shut In Tool	5.00			3424.00	
Hydraulic tool	5.00			3429.00	
Packer	5.00			3434.00	21.00 Bottom Of Top Packer
Packer	5.00			3439.00	
Stubb	1.00			3440.00	
Perforations	2.00			3442.00	
Recorder	0.00	6753	Inside	3442.00	
Recorder	0.00	13252	Outside	3442.00	
Bullnose	3.00			3445.00	6.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil
 PO Box 1469
 Plainfield ILL. 60544
 ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
 Job Ticket: 19482 **DST#: 3**
 Test Start: 2004.05.23 @ 08:33:01

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:	43000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	Muddy Water	2.042

Total Length: 330.00 ft Total Volume: 2.042 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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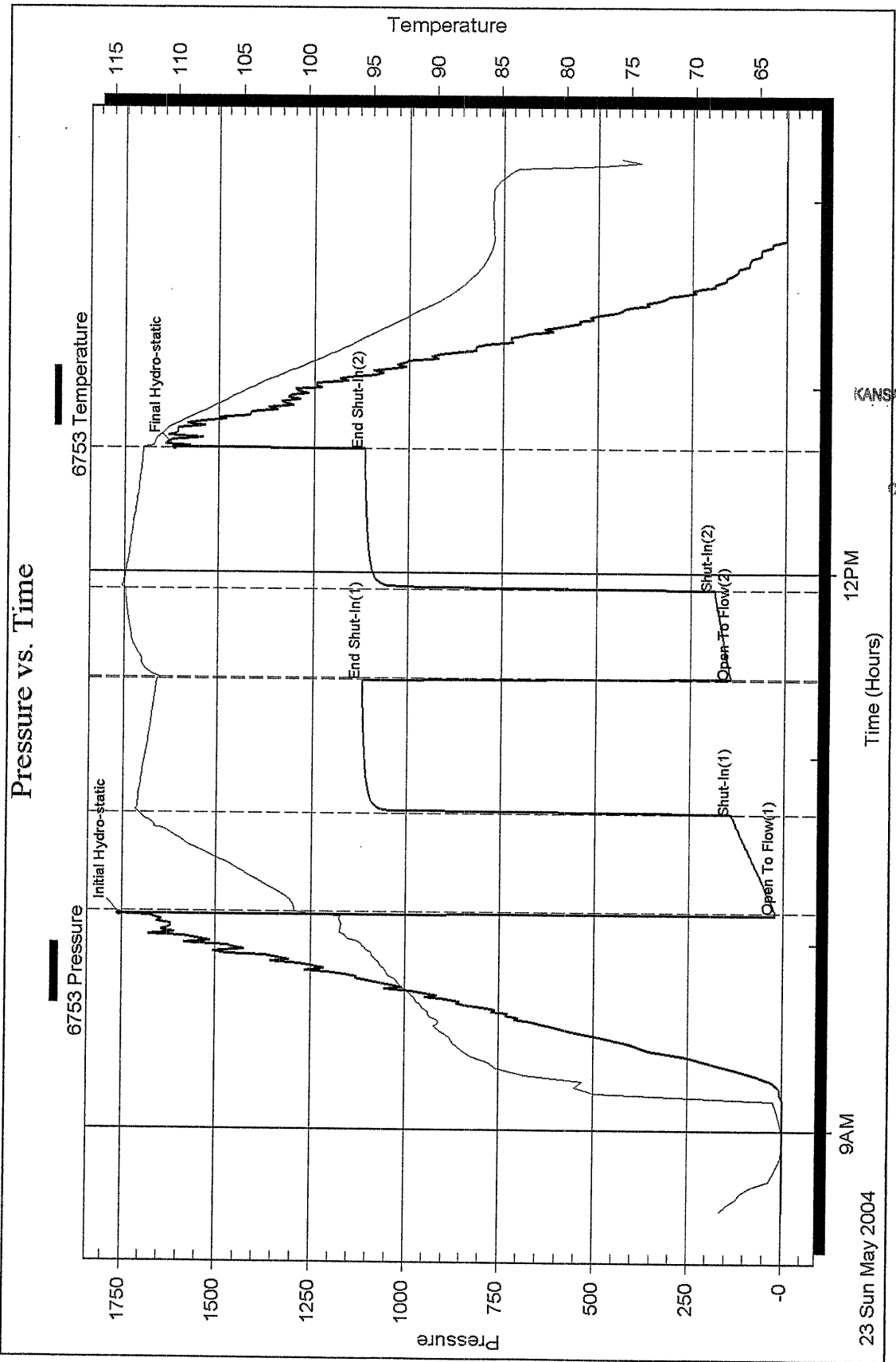
DST Test Number: 3

18-8-22-Graham

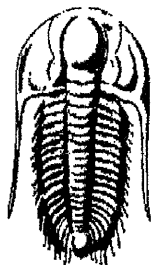
Inside Russell Oil

Serial #: 6753

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **Russell Oil**

PO Box 1469
Plainfield ILL. 60544

ATTN: Todd Morgenstern

18-8-22-Graham

Rice Trust #1-18

Start Date: 2004.05.24 @ 04:20:55

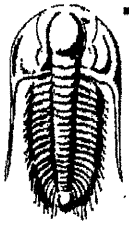
End Date: 2004.05.24 @ 11:57:55

Job Ticket #: 19483 DST #: 4

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PO Box 362 Hays, KS 67601

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



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DRILL STEM TEST REPORT

Russell Oil
PO Box 1469
Plainfield ILL. 60544
ATTN: Todd Morgenstern

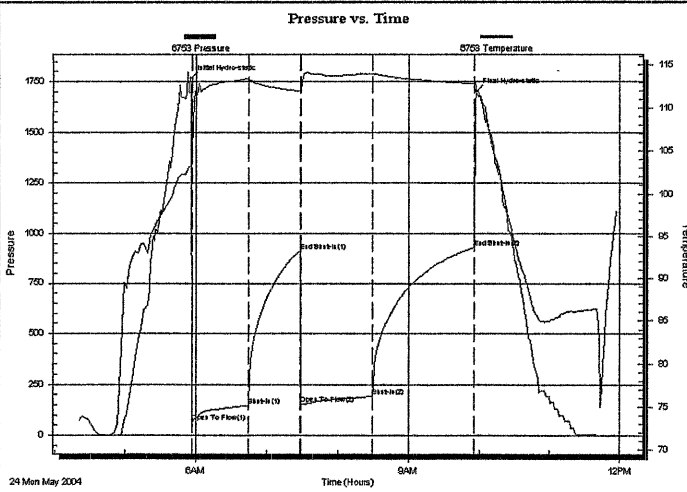
Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19483 **DST#: 4**
Test Start: 2004.05.24 @ 04:20:55

GENERAL INFORMATION:

Formation: **LKC 180'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:56:45
Time Test Ended: 11:57:55
Interval: **3528.00 ft (KB) To 3540.00 ft (KB) (TVD)**
Total Depth: 3540.00 ft (KB) (TVD)
Hole Diameter: 7.80 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jason McLemore
Unit No: 24
Reference Elevations: 2110.00 ft (KB)
2105.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6753 Inside
Press@RunDepth: 193.13 psig @ 3530.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2004.05.24 End Date: 2004.05.24 Last Calib.: 1899.12.30
Start Time: 04:21:25 End Time: 11:57:55 Time On Btm: 2004.05.24 @ 05:55:45
Time Off Btm: 2004.05.24 @ 09:56:55

TEST COMMENT: IFP-Good Blow , BOB in 9 min
ISI-Blow back Built to 2-1/2"
FFP- Fair Blow , Built to 5-1/2" , Started Dying
FSI-Blow back Built to 1-1/4"



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1765.79	103.27	Initial Hydro-static
1	65.39	103.50	Open To Flow (1)
49	147.55	113.40	Shut-In(1)
93	912.40	111.95	End Shut-In(1)
93	156.16	111.76	Open To Flow (2)
154	193.13	113.98	Shut-In(2)
240	929.44	112.84	End Shut-In(2)
242	1700.49	112.28	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bb)
65.00	Muddy Water	0.32
235.00	MCO-25%G-50%O-2%W-23%M	1.30
225.00	Free Oil 20%G-80%O	3.16

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

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DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil
PO Box 1469
Plainfield ILL. 60544

Rice Trust #1-18
18-8-22-Graham
Job Ticket: 19483 **DST#: 4**
Test Start: 2004.05.24 @ 04:20:55

ATTN: Todd Morgenstern

Tool Information

Drill Pipe:	Length: 3234.00 ft	Diameter: 3.80 inches	Volume: 45.36 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 284.00 ft	Diameter: 2.25 inches	Volume: 1.40 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 46.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3528.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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SEP 14 2004

CONSERVATION DIVISION
WICHITA, KS

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3508.00	
Shut In Tool	5.00			3513.00	
Hydraulic tool	5.00			3518.00	
Packer	5.00			3523.00	21.00 Bottom Of Top Packer
Packer	5.00			3528.00	
Stubb	1.00			3529.00	
Perforations	1.00			3530.00	
Recorder	0.00	6753	Inside	3530.00	
Perforations	7.00			3537.00	
Recorder	0.00	13252	Outside	3537.00	
Bullnose	3.00			3540.00	12.00 Bottom Packers & Anchor

Total Tool Length: 33.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil
 PO Box 1469
 Plainfield LL. 60544
 ATTN: Todd Morgenstern

Rice Trust #1-18
18-8-22-Graham
 Job Ticket: 19483 **DST#: 4**
 Test Start: 2004.05.24 @ 04:20:55

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 32000 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.97 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1000.00 ppm		
Filter Cake: inches		

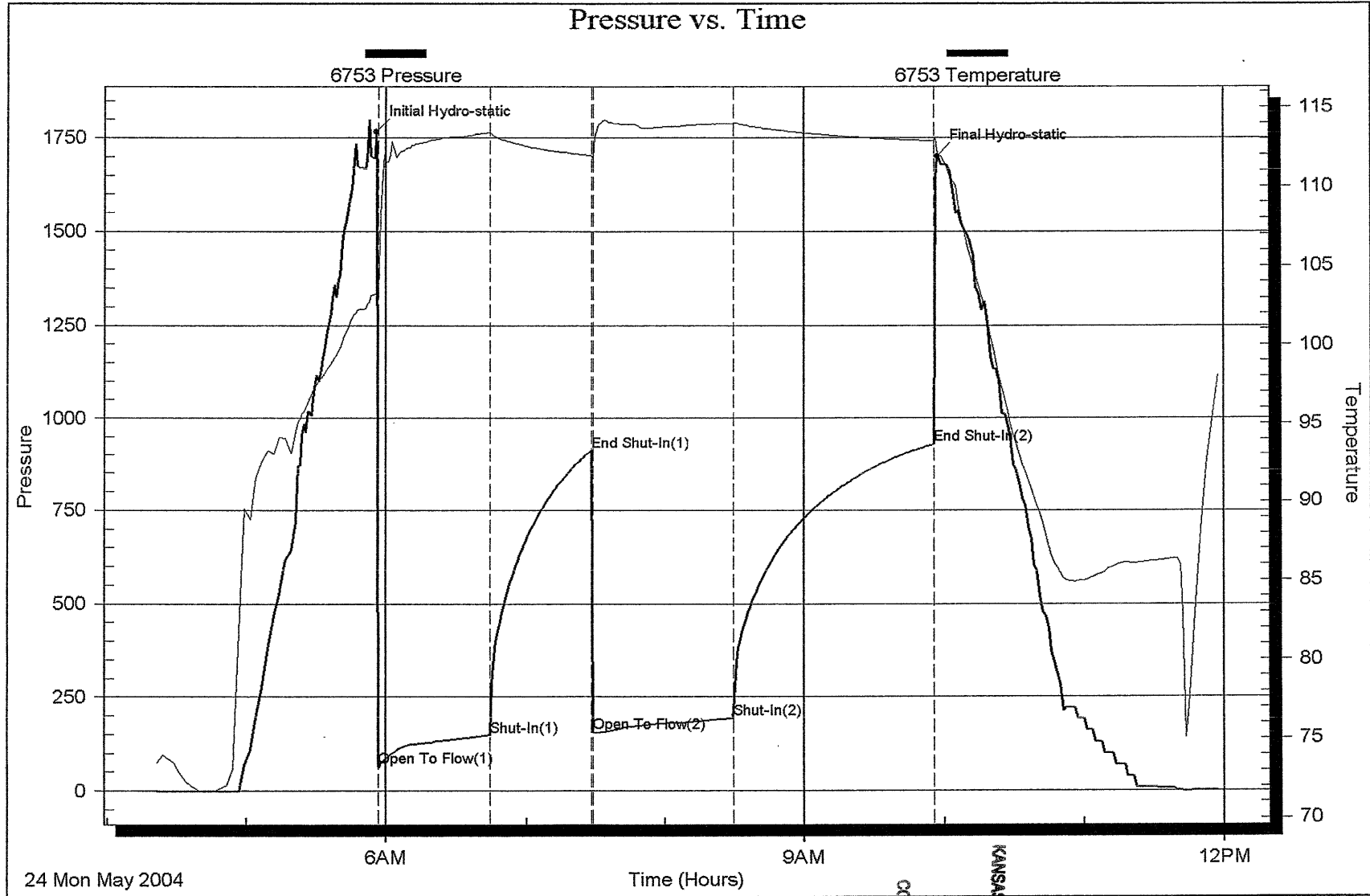
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Muddy Water	0.320
235.00	MCO-25%G-50%O-2%W-23%M	1.301
225.00	Free Oil 20%G-80%O	3.156

Total Length: 525.00 ft Total Volume: 4.777 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

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