



DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

31 15 14 Russell KS
West
Neal Nuss #1-31

Start Date: 2008.09.29 @ 20:17:34

End Date: 2008.09.30 @ 02:43:58

Job Ticket #: 31254 DST #: 1

31-15-14w

KANSAS CORPORATION COMMISSION

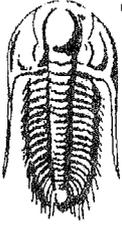
MAR 20 2009

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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31254 DST#: 1
Test Start: 2008.09.29 @ 20:17:34

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:	30000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.88 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SOCMV 2%O5%M93%W	1.410
120.00	O&GCMV 15%G10%O10%M65%W	1.683
180.00	O&GCMV 10%G15%O30%M45%W	2.525
120.00	O&GCVW 15%G10%O60%M15%W	1.683
70.00	O&GCM 5%G10%O85%M	0.982
0.00	230'GIP	0.000

Total Length: 610.00 ft Total Volume: 8.283 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .27 @ 62F



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544
ATTN: Leroy Holt

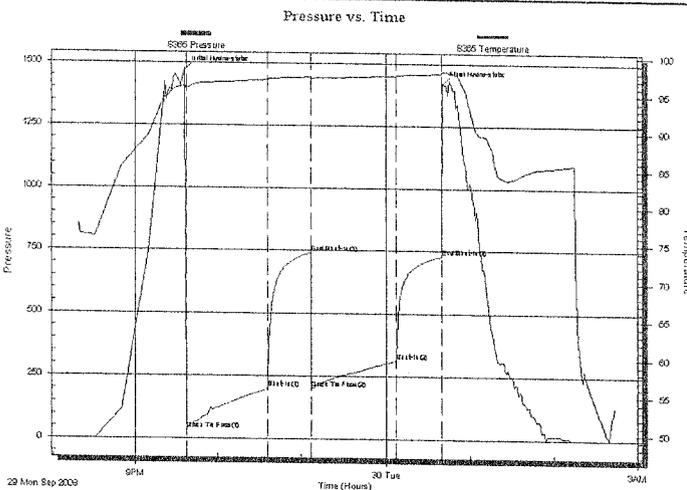
Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31254 **DST#: 1**
Test Start: 2008.09.29 @ 20:17:34

GENERAL INFORMATION:

Formation: **Topeka, Toronto & LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:36:59
 Time Test Ended: 02:43:58
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Interval: **2990.00 ft (KB) To 3158.00 ft (KB) (TVD)**
 Total Depth: 3158.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Reference Elevations: 1923.00 ft (KB)
 1915.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
 Press@RunDepth: 312.16 psig @ 2998.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.09.29 End Date: 2008.09.30 Last Calib.: 2008.09.30
 Start Time: 20:17:34 End Time: 02:43:58 Time On Btm: 2008.09.29 @ 21:35:59
 Time Off Btm: 2008.09.30 @ 00:40:28

TEST COMMENT: IFF-strg bl in 13 min
 FFP-wk to a strg bl in 40 min
 Times 60-30-60-30
 surface bl bk



PRESSURE SUMMARY

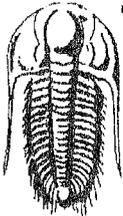
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1468.90	96.16	Initial Hydro-static
1	34.98	95.78	Open To Flow (1)
60	201.44	96.97	Shut-In (1)
91	741.28	97.35	End Shut-In (1)
91	203.00	97.17	Open To Flow (2)
151	312.16	97.55	Shut-In (2)
184	728.17	97.85	End Shut-In (2)
185	1418.76	98.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SOCMW 2%O5%M93%W	1.41
120.00	O&GCMW 15%G10%O10%M65%W	1.68
180.00	O&GCMW 10%G15%O30%M45%W	2.52
120.00	O&GCWM 15%G10%O60%M15%W	1.68
70.00	O&GCM 5%G10%O85%M	0.98
0.00	230'GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544
ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31254 **DST#: 1**
Test Start: 2008.09.29 @ 20:17:34

Tool Information

Drill Pipe:	Length: 2960.00 ft	Diameter: 3.80 inches	Volume: 41.52 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 41.67 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	2990.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	169.02 ft			
Tool Length:	197.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			2963.00	
Shut In Tool	5.00			2968.00	
Hydraulic tool	5.00			2973.00	
Jars	5.00			2978.00	
Safety Joint	2.00			2980.00	
Packer	5.00			2985.00	28.00 Bottom Of Top Packer
Packer	5.00			2990.00	
Stubb	1.00			2991.00	
Perforations	7.00			2998.00	
Recorder	0.01	8365	Inside	2998.01	
Recorder	0.01	6625	Outside	2998.02	
Blank Spacing	158.00			3156.02	
Bullnose	3.00			3159.02	169.02 Bottom Packers & Anchor

Total Tool Length: 197.02

DST Test Number: 1

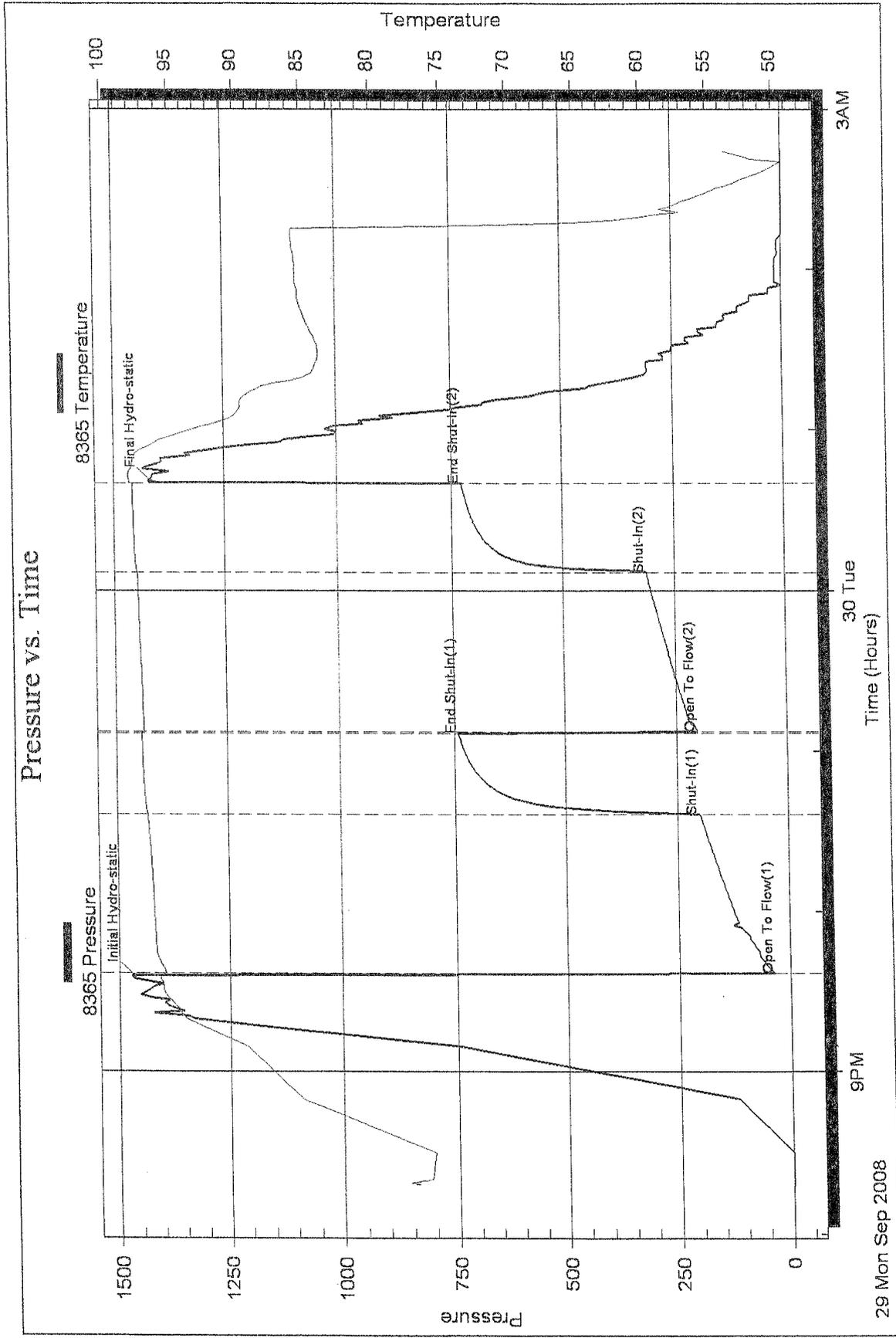
31 15 14 Russell KS

Russell Oil Inc

Inside

Serial #: 8365

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

31 15 14 Russell KS

Neal Nuss #1-31

Start Date: 2008.09.30 @ 12:07:16

End Date: 2008.09.30 @ 18:14:10

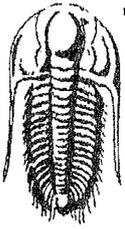
Job Ticket #: 31255 DST #: 2

KANSAS CORPORATION COMMISSION

MAR 29 2009

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Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Neal Nuss #1-31

P O Box 1469
Plainfield, IL 60544

31 15 14 Russell KS

Job Ticket: 31255

DST#: 2

ATTN: Leroy Holt

Test Start: 2008.09.30 @ 12:07:16

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:	34000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.88 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

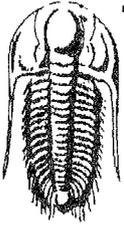
Length ft	Description	Volume bbl
780.00	Water	10.668
105.00	SO&GCMW 5%G2%O15%M78%W	1.473
0.00	135'GIP	0.000

Total Length: 885.00 ft Total Volume: 12.141 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW.17 @ 84F



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31255 DST#: 2
Test Start: 2008.09.30 @ 12:07:16

GENERAL INFORMATION:

Formation: **LKC**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 13:33:11
Time Test Ended: 18:14:10

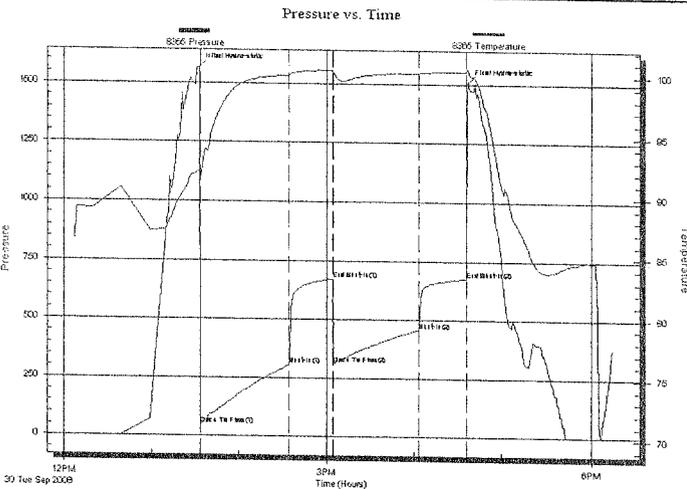
Interval: **3158.00 ft (KB) To 3209.00 ft (KB) (TVD)**
Total Depth: 3258.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Reference Elevations: 1923.00 ft (KB)
1915.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 **Inside**
Press@RunDepth: 457.45 psig @ 3159.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.09.30 End Date: 2008.09.30 Last Calib.: 2008.09.30
Start Time: 12:07:16 End Time: 18:14:10 Time On Btm: 2008.09.30 @ 13:32:41
Time Off Btm: 2008.09.30 @ 16:37:10

TEST COMMENT: IFF-strg bl in 5 min
FFP-wk to strg in 20 min
Times 60-30-60-30
no bl on shut-in



PRESSURE SUMMARY

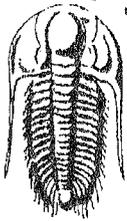
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1563.94	92.17	Initial Hydro-static
1	46.81	91.54	Open To Flow (1)
62	303.64	100.07	Shut-In(1)
92	671.64	100.47	End Shut-In(1)
92	310.65	100.31	Open To Flow (2)
151	457.45	100.25	Shut-In(2)
183	674.79	100.41	End Shut-In(2)
185	1508.03	100.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
780.00	Water	10.67
105.00	SO&GCMW 5%G2%O15%M78%W	1.47
0.00	135'GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31255 DST#: 2
Test Start: 2008.09.30 @ 12:07:16

Tool Information

Drill Pipe:	Length: 3116.00 ft	Diameter: 3.80 inches	Volume: 43.71 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3158.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.02 ft			
Tool Length:	79.02 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			3131.00	
Shut In Tool	5.00			3136.00	
Hydraulic tool	5.00			3141.00	
Jars	5.00			3146.00	
Safety Joint	2.00			3148.00	
Packer	5.00			3153.00	28.00 Bottom Of Top Packer
Packer	5.00			3158.00	
Stubb	1.00			3159.00	
Recorder	0.01	8365	Inside	3159.01	
Recorder	0.01	6625	Outside	3159.02	
Blank Spacing	33.00			3192.02	
Perforations	14.00			3206.02	
Bullnose	3.00			3209.02	51.02 Bottom Packers & Anchor

Total Tool Length: 79.02

DST Test Number: 2

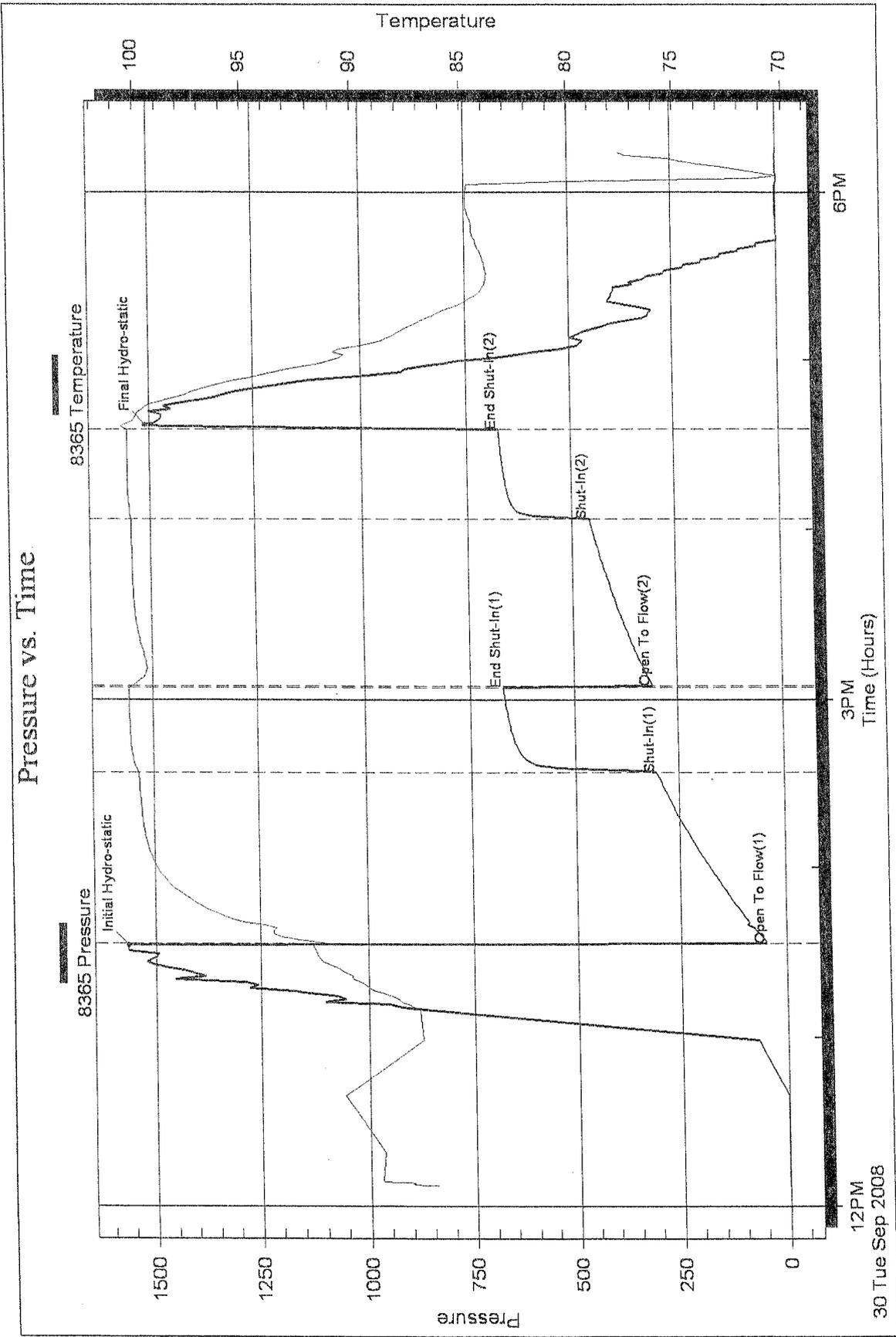
31 15 14 Russell KS

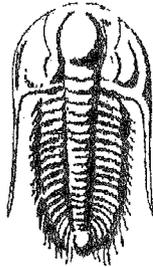
Russell Oil Inc

Inside

Serial #: 8365

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

31 15 14 Russell KS

Neal Nuss #1-31

Start Date: 2008.10.01 @ 01:57:38

End Date: 2008.10.01 @ 08:37:08

Job Ticket #: 31256 DST #: 3

KANSAS CORPORATION COMMISSION

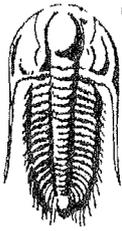
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31256 DST#: 3
Test Start: 2008.10.01 @ 01:57:38

Mud and Cushion Information

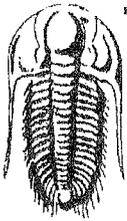
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	38000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.90 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
600.00	Water	8.143
60.00	SO&GCMW 5%G2%O10%M83%W	0.842
40.00	O&GCWM 20%G10%O30%W40%M	0.561
50.00	MGO 10%G2%M5%W83%O	0.701
0.00	1170'GIP	0.000

Total Length: 750.00 ft Total Volume: 10.247 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .2 @ 65F



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31256 **DST#: 3**
Test Start: 2008.10.01 @ 01:57:38

Tool Information

Drill Pipe:	Length: 3179.00 ft	Diameter: 3.80 inches	Volume: 44.59 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3209.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.02 ft			
Tool Length:	47.02 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			3182.00	
Shut In Tool	5.00			3187.00	
Hydraulic tool	5.00			3192.00	
Jars	5.00			3197.00	
Safety Joint	2.00			3199.00	
Packer	5.00			3204.00	28.00 Bottom Of Top Packer
Packer	5.00			3209.00	
Stubb	1.00			3210.00	
Recorder	0.01	8365	Inside	3210.01	
Recorder	0.01	6625	Outside	3210.02	
Perforations	15.00			3225.02	
Bullnose	3.00			3228.02	19.02 Bottom Packers & Anchor

Total Tool Length: 47.02

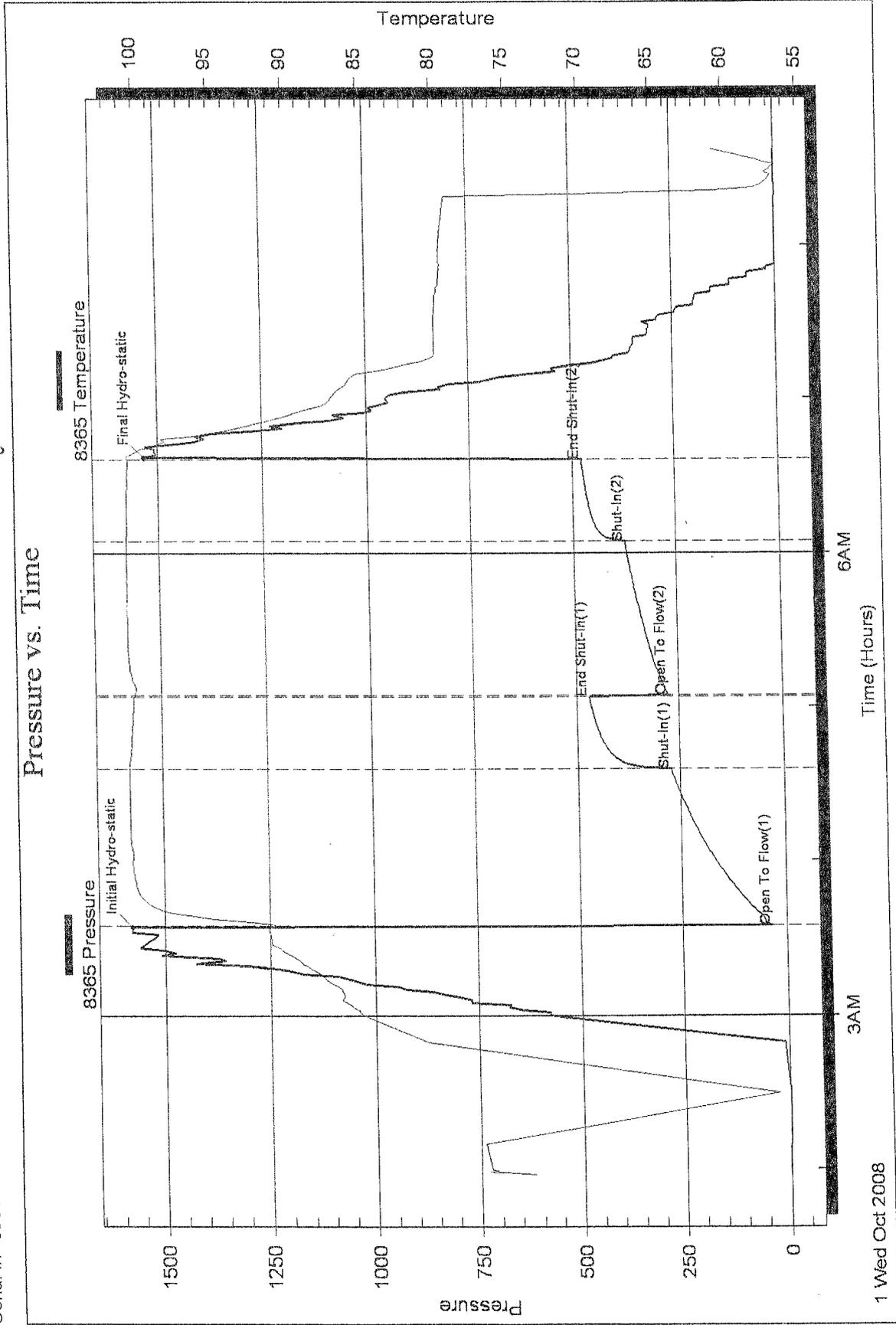
DST Test Number: 3

31 15 14 Russell KS

Inside Russell Oil Inc

Serial #: 8365

Pressure vs. Time



1 Wed Oct 2008

3AM 6AM
Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

31 15 14 Russell KS

Neal Nuss #1-31

Start Date: 2008.10.01 @ 14:14:13

End Date: 2008.10.01 @ 20:00:07

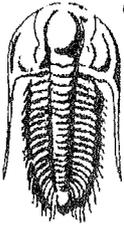
Job Ticket #: 31257 DST #: 4

KANSAS CORPORATION COMMISSION

MAR 20 2009

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31257 DST#: 4
Test Start: 2008.10.01 @ 14:14:13

Mud and Cushion Information

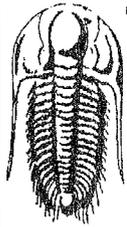
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	33000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.51 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7700.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
72.00	MW 20% M 80% W w / show of oil	0.737
3.00	CO	0.042

Total Length: 75.00 ft Total Volume: 0.779 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .34 @ 48F



**TRILOBITE
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DRILL STEM TEST REPORT

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ATTN: Leroy Holt

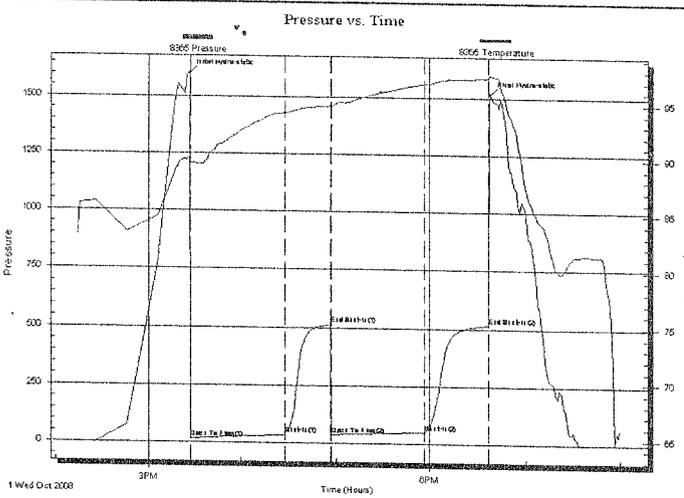
Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31257 **DST#: 4**
Test Start: 2008.10.01 @ 14:14:13

GENERAL INFORMATION:

Formation: **LKC**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:27:08
 Time Test Ended: 20:00:07
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Interval: **3228.00 ft (KB) To 3238.00 ft (KB) (TVD)**
 Total Depth: 3238.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Reference Elevations: 1923.00 ft (KB)
 1915.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
 Press@RunDepth: 51.31 psig @ 3229.01 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.10.01 End Date: 2008.10.01 Last Calib.: 2008.10.01
 Start Time: 14:14:13 End Time: 20:00:07 Time On Btm: 2008.10.01 @ 15:26:38
 Time Off Btm: 2008.10.01 @ 18:38:07

TEST COMMENT: IFP-surface to 1/8"bl
 FFP-no bl ,flushed tool, got surface to 1/8"bl
 Times 60-30-60-30



PRESSURE SUMMARY

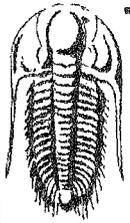
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1599.73	90.09	Initial Hydro-static
1	16.54	89.62	Open To Flow (1)
61	38.53	94.12	Shut-In(1)
90	514.48	94.78	End Shut-In(1)
90	37.04	94.60	Open To Flow (2)
150	51.31	96.83	Shut-In(2)
191	514.53	97.37	End Shut-In(2)
192	1517.23	97.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
72.00	MW 20%M80%V w/show of oil	0.74
3.00	CO	0.04

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31257 **DST#: 4**
Test Start: 2008.10.01 @ 14:14:13

Tool Information

Drill Pipe:	Length: 3180.00 ft	Diameter: 3.80 inches	Volume: 44.61 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 44.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3228.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.02 ft			
Tool Length:	38.02 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			3201.00	
Shut In Tool	5.00			3206.00	
Hydraulic tool	5.00			3211.00	
Jars	5.00			3216.00	
Safety Joint	2.00			3218.00	
Packer	5.00			3223.00	28.00 Bottom Of Top Packer
Packer	5.00			3228.00	
Stubb	1.00			3229.00	
Recorder	0.01	8365	Inside	3229.01	
Recorder	0.01	6625	Outside	3229.02	
Perforations	6.00			3235.02	
Bullnose	3.00			3238.02	10.02 Bottom Packers & Anchor

Total Tool Length: 38.02

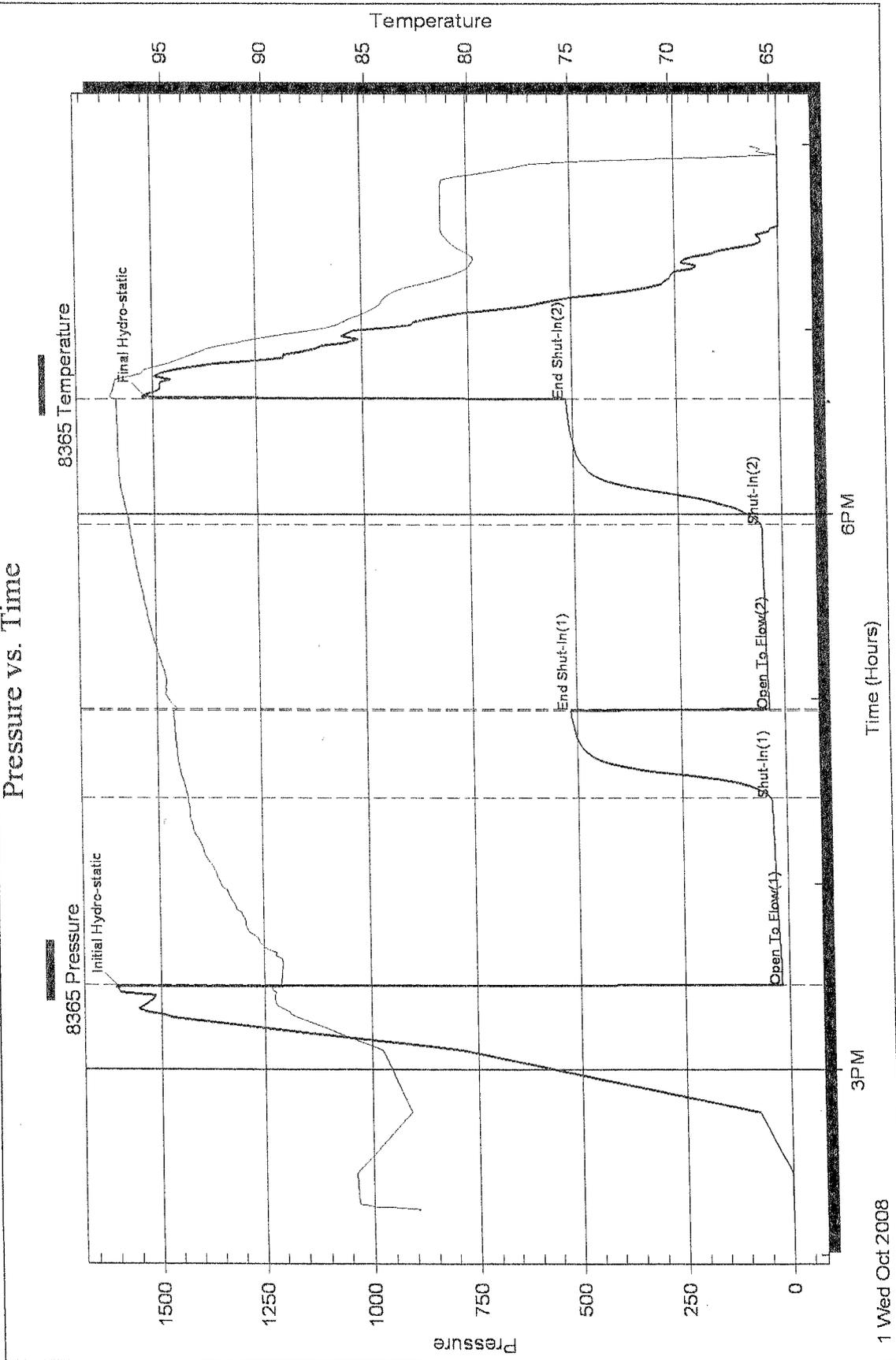
DST Test Number: 4

31 15 14 Russell KS

Inside Russell Oil Inc

Serial #: 8365

Pressure vs. Time



1 Wed Oct 2008

3PM

6PM



DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

31 15 14 Russell KS

Neal Nuss #1-31

Start Date: 2008.10.02 @ 13:45:13

End Date: 2008.10.02 @ 20:09:37

Job Ticket #: 31258 DST #: 5

KANSAS CORPORATION COMMISSION

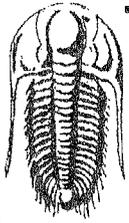
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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31258 **DST#: 5**
Test Start: 2008.10.02 @ 13:45:13

Tool Information

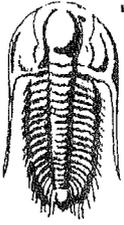
Drill Pipe:	Length: 3212.00 ft	Diameter: 3.80 inches	Volume: 45.06 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3254.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	130.02 ft			
Tool Length:	158.02 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			3227.00	
Shut In Tool	5.00			3232.00	
Hydraulic tool	5.00			3237.00	
Jars	5.00			3242.00	
Safety Joint	2.00			3244.00	
Packer	5.00			3249.00	28.00 Bottom Of Top Packer
Packer	5.00			3254.00	
Stubb	1.00			3255.00	
Perforations	5.00			3260.00	
Recorder	0.01	8365	Inside	3260.01	
Recorder	0.01	6625	Outside	3260.02	
Blank Spacing	95.00			3355.02	
Perforations	26.00			3381.02	
Bullnose	3.00			3384.02	130.02 Bottom Packers & Anchor

Total Tool Length: 158.02



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Neal Nuss #1-31

P O Box 1469
Plainfield, IL 60544

31 15 14 Russell KS

Job Ticket: 31258

DST#: 5

ATTN: Leroy Holt

Test Start: 2008.10.02 @ 13:45:13

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:	30000 ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8300.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

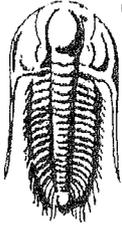
Length ft	Description	Volume bbl
120.00	MW 10%M90%W	1.410
120.00	O&GCMW 10%G5%O40%M45%W	1.683
120.00	GMO 40%G40%O10%W10%M	1.683
10.00	HO&GCM 15%G25%O60%M	0.140
0.00	470'GIP	0.000

Total Length: 370.00 ft Total Volume: 4.916 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW .23 @ 75F



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31258 **DST#: 5**
Test Start: 2008.10.02 @ 13:45:13

GENERAL INFORMATION:

Formation: **LKC**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 15:16:38
Time Test Ended: 20:09:37

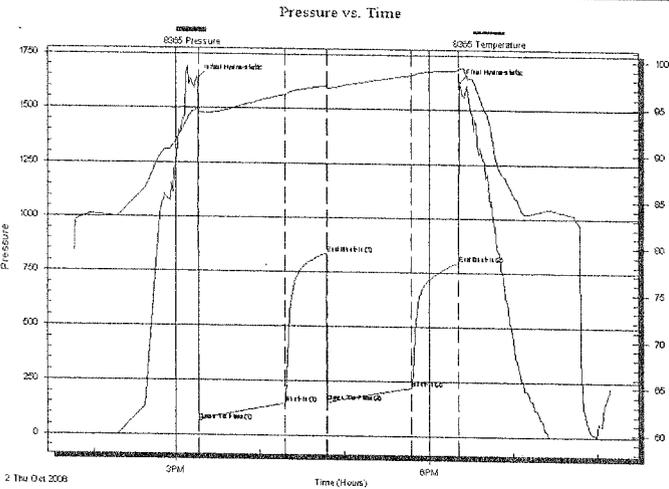
Interval: **3254.00 ft (KB) To 3384.00 ft (KB) (TVD)**
Total Depth: **3384.00 ft (KB) (TVD)**
Hole Diameter: **7.85 inches** Hole Condition: **Fair**

Test Type: **Conventional Bottom Hole**
Tester: **Ray Schwager**
Unit No: **42**

Reference Elevations: **1923.00 ft (KB)**
1915.00 ft (CF)
KB to GR/CF: **8.00 ft**

Serial #: 8365 **Inside**
Press@RunDepth: **219.46 psig @ 3260.01 ft (KB)**
Start Date: ***2008.10.02** End Date: **2008.10.02** Capacity: **7000.00 psig**
Start Time: **13:45:13** End Time: **20:09:37** Last Calib.: **2008.10.02**
Time On Btm: **2008.10.02 @ 15:16:08**
Time Off Btm: **2008.10.02 @ 18:21:37**

TEST COMMENT: IFF-wk to strg in 12 min
FFP-wk to strg in 30 min
Times 60-30-60-30
ISIP-surface bl bk, FSIP-surface bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.17	94.82	Initial Hydro-static
1	60.57	94.13	Open To Flow (1)
62	147.10	96.30	Shut-In(1)
91	835.67	97.25	End Shut-In(1)
92	153.87	97.02	Open To Flow (2)
151	219.46	98.45	Shut-In(2)
185	793.71	99.03	End Shut-In(2)
186	1624.61	99.26	Final Hydro-static

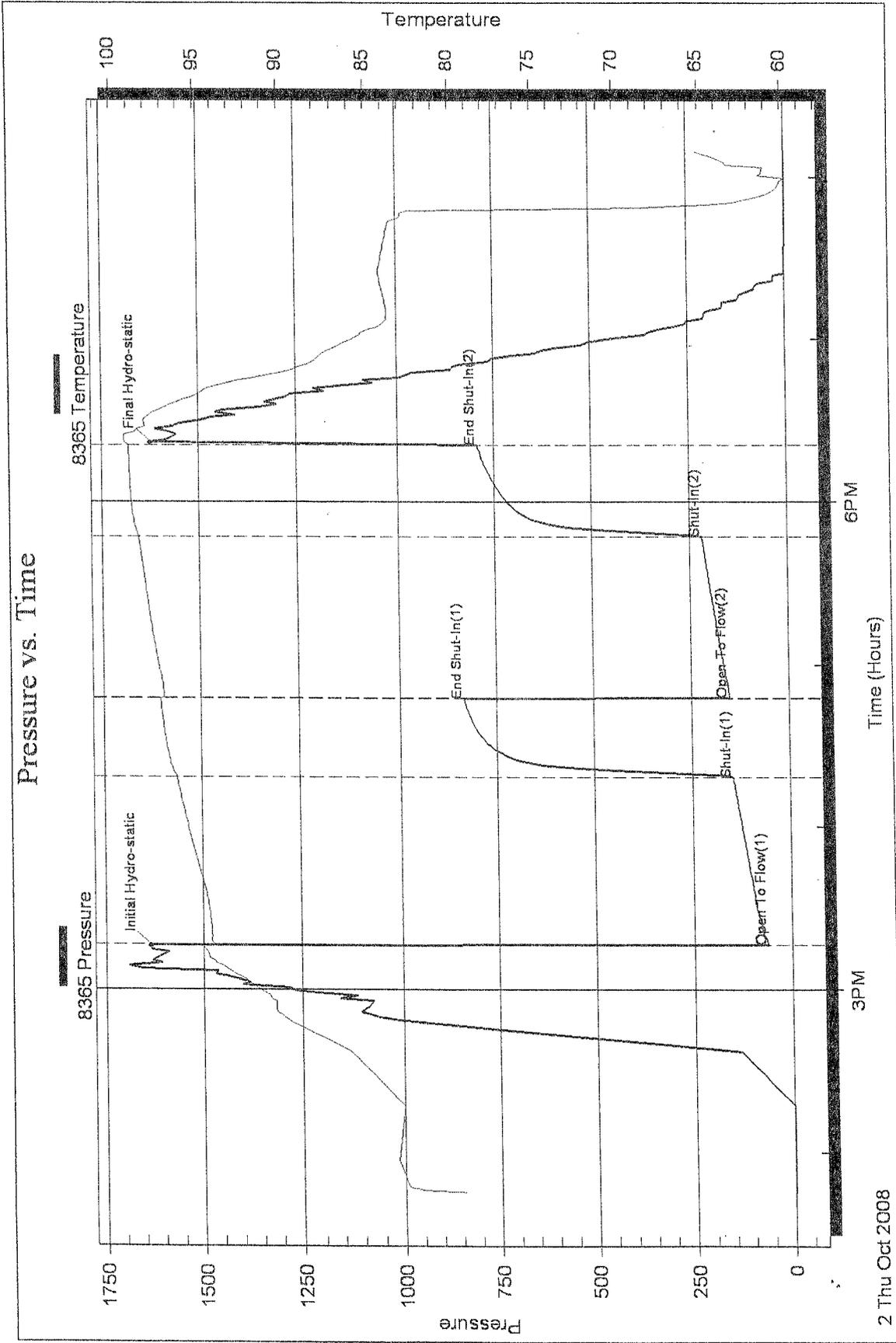
Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 10%M90%W	1.41
120.00	O&GCMW 10%G5%O40%M45%W	1.68
120.00	GMO 40%G40%O10%W10%M	1.68
10.00	HO&GCM 15%G25%O60%M	0.14
0.00	470'GIP	0.00

Gas Rates

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

Pressure vs. Time

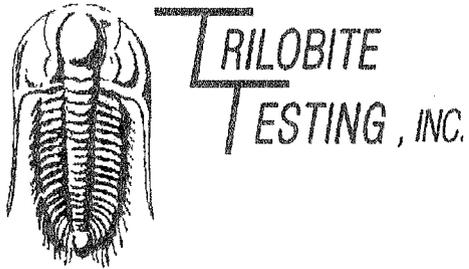


2 Thu Oct 2008

6PM

3PM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

31 15 14 Russell KS

Neal Nuss #1-31

Start Date: 2008.10.03 @ 01:50:24

End Date: 2008.10.03 @ 06:17:18

Job Ticket #: 31259 DST #: 6

KANSAS CORPORATION COMMISSION

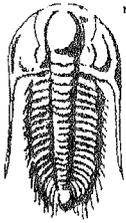
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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31259 DST#: 6
Test Start: 2008.10.03 @ 01:50:24

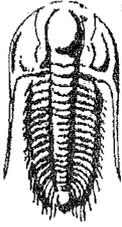
Tool Information

Drill Pipe:	Length: 3336.00 ft	Diameter: 3.80 inches	Volume: 46.80 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 46.95 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3380.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.02 ft			
Tool Length:	46.02 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			3353.00	
Shut In Tool	5.00			3358.00	
Hydraulic tool	5.00			3363.00	
Jars	5.00			3368.00	
Safety Joint	2.00			3370.00	
Packer	5.00			3375.00	28.00 Bottom Of Top Packer
Packer	5.00			3380.00	
Stubb	1.00			3381.00	
Recorder	0.01	8365	Inside	3381.01	
Recorder	0.01	6625	Outside	3381.02	
Perforations	14.00			3395.02	
Bullnose	3.00			3398.02	18.02 Bottom Packers & Anchor

Total Tool Length: 46.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Neal Nuss #1-31

P O Box 1469
Plainfield, IL 60544

31 15 14 Russell KS

Job Ticket: 31259

DST#: 6

ATTN: Leroy Holt

Test Start: 2008.10.03 @ 01:50:24

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: 77.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8300.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

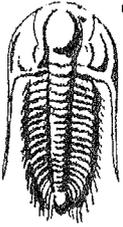
Length ft	Description	Volume bbl
2.00	SOCM 2%O98%M	0.010
0.00	w/show of CO top of tool	0.000

Total Length: 2.00 ft Total Volume: 0.010 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc
P O Box 1469
Plainfield, IL 60544

ATTN: Leroy Holt

Neal Nuss #1-31
31 15 14 Russell KS
Job Ticket: 31259 DST#: 6
Test Start: 2008.10.03 @ 01:50:24

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:13:19
Time Test Ended: 06:17:18

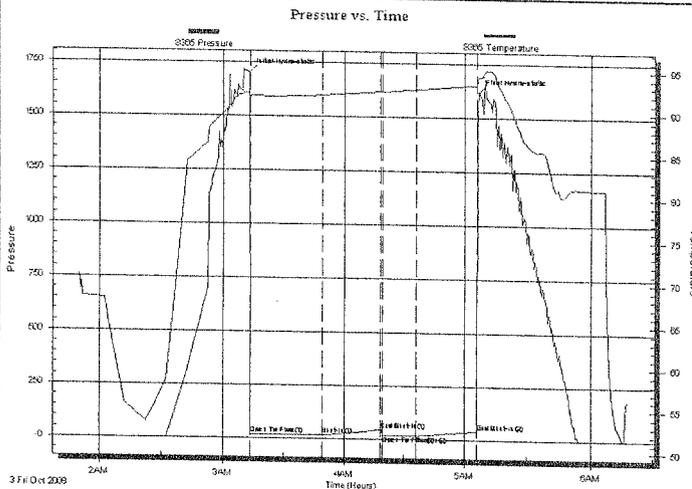
Interval: **3380.00 ft (KB) To 3398.00 ft (KB) (TVD)**
Total Depth: 3398.00 ft (KB) (TVD)
Hole Diameter: 7.85 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole
Tester: Ray Schwager
Unit No: 42

Reference Elevations: 1923.00 ft (KB)
1915.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8365 Inside
Press@RunDepth: 18.16 psig @ 3381.01 ft (KB)
Start Date: 2008.10.03 End Date: 2008.10.03 Capacity: 7000.00 psig
Start Time: 01:50:24 End Time: 06:17:18 Last Calib.: 2008.10.03
Time On Btm: 2008.10.03 @ 03:12:49
Time Off Btm: 2008.10.03 @ 05:07:19

TEST COMMENT: IFF-wk bl 1/4"bl Died in 32 min
FFP-no bl
Times 35-30-15-30



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1701.73	92.24	Initial Hydro-static
1	17.07	91.51	Open To Flow (1)
36	17.11	92.03	Shut-In(1)
66	45.54	92.48	End Shut-In(1)
67	18.40	92.48	Open To Flow (2)
84	18.16	92.78	Shut-In(2)
114	41.91	93.34	End Shut-In(2)
115	1614.74	94.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	SOCM 2%O98%M	0.01
0.00	w/show of CO top of tool	0.00

Gas Rates

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

DST Test Number: 6

31 15 14 Russell KS

Russell Oil Inc

Inside

Serial #: 8365

Pressure vs. Time

