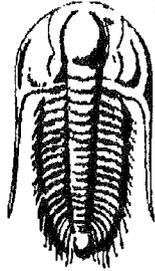


15-195-22599

2-11s-23w

Ind



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, IL 60544

ATTN: Steve Angle

2 11s 23w Trego KS

Lloyd B #1-2

Start Date: 2009.02.03 @ 02:16:39

End Date: 2009.02.03 @ 11:39:39

Job Ticket #: 36084 DST #: 1

CONFIDENTIAL
MAY 04 2009
KCC

KANSAS CORPORATION COMMISSION

MAY 12 2009

RECEIVED

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

Russell Oil Inc.

Lloyd B #1-2

2 11s 23w Trego KS

DST # 1

Lansing

2009.02.03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

ATTN: Steve Angle

Job Ticket: 36084

DST#: 1

Test Start: 2009.02.03 @ 02:16:39

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:03:09

Time Test Ended: 11:39:39

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3540.00 ft (KB) To 3574.00 ft (KB) (TVD)**

Total Depth: 3574.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2291.00 ft (KB)

2281.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6755 Inside

Press@RunDepth: 578.84 psig @ 3542.00 ft (KB)

Start Date: 2009.02.03

End Date: 2009.02.03

Start Time: 02:16:41

End Time: 11:39:39

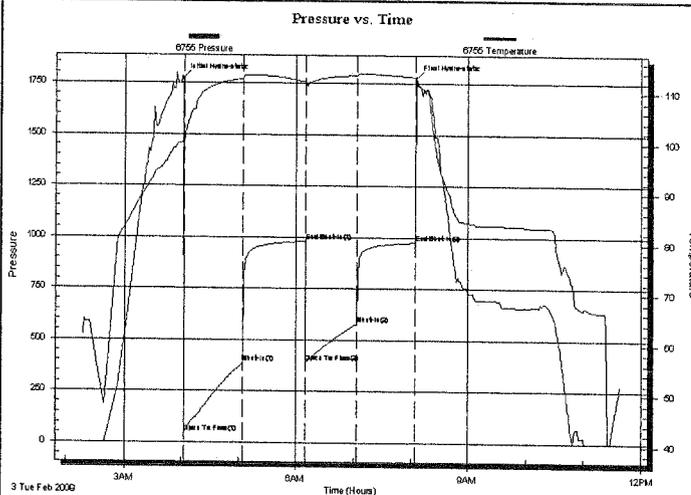
Capacity: 7000.00 psig

Last Calib.: 2009.02.03

Time On Btm: 2009.02.03 @ 04:02:09

Time Off Btm: 2009.02.03 @ 08:05:09

TEST COMMENT: IFP-Strong Blow,BOB in 1-1/2 Mn
ISI-Blow back BOB in 8 Min.,Gas To Surface After 45 Min.
FFP-Strong,BOB in 2 Mn.
FSI-Blow back BOB in 15 Mn,Died Back in 45 Mn.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1771.93	100.13	Initial Hydro-static
1	45.86	99.50	Open To Flow (1)
63	389.05	112.77	Shut-In(1)
128	980.31	112.28	End Shut-In(1)
128	394.28	111.96	Open To Flow (2)
182	578.84	113.51	Shut-In(2)
242	974.12	113.12	End Shut-In(2)
243	1774.97	112.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	MWCO 60%O 25%W 15%M	0.42
90.00	Muddy Water-85%W-15%M	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36084

DST#: 1

ATTN: Steve Angle

Test Start: 2009.02.03 @ 02:16:39

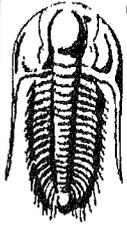
Tool Information

Drill Pipe:	Length: 3540.00 ft	Diameter: 3.80 inches	Volume: 49.66 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 49.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 37000.00 lb
Depth to Top Packer:	3540.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	55.00 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			3520.00	
Shut In Tool	5.00			3525.00	
Hydraulic tool	5.00			3530.00	
Packer	5.00			3535.00	21.00 Bottom Of Top Packer
Packer	5.00			3540.00	
Stubb	1.00			3541.00	
Perforations	1.00			3542.00	
Recorder	0.00	8360	Inside	3542.00	
Recorder	0.00	6755	Inside	3542.00	
Perforations	29.00			3571.00	
Bullnose	3.00			3574.00	34.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36084

DST#: 1

ATTN: Steve Angle

Test Start: 2009.02.03 @ 02:16:39

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 45000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.57 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1600.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	MWCO 60%O 25%W 15%M	0.421
90.00	Muddy Water-85%W-15%M	1.262

Total Length: 120.00 ft Total Volume: 1.683 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6755

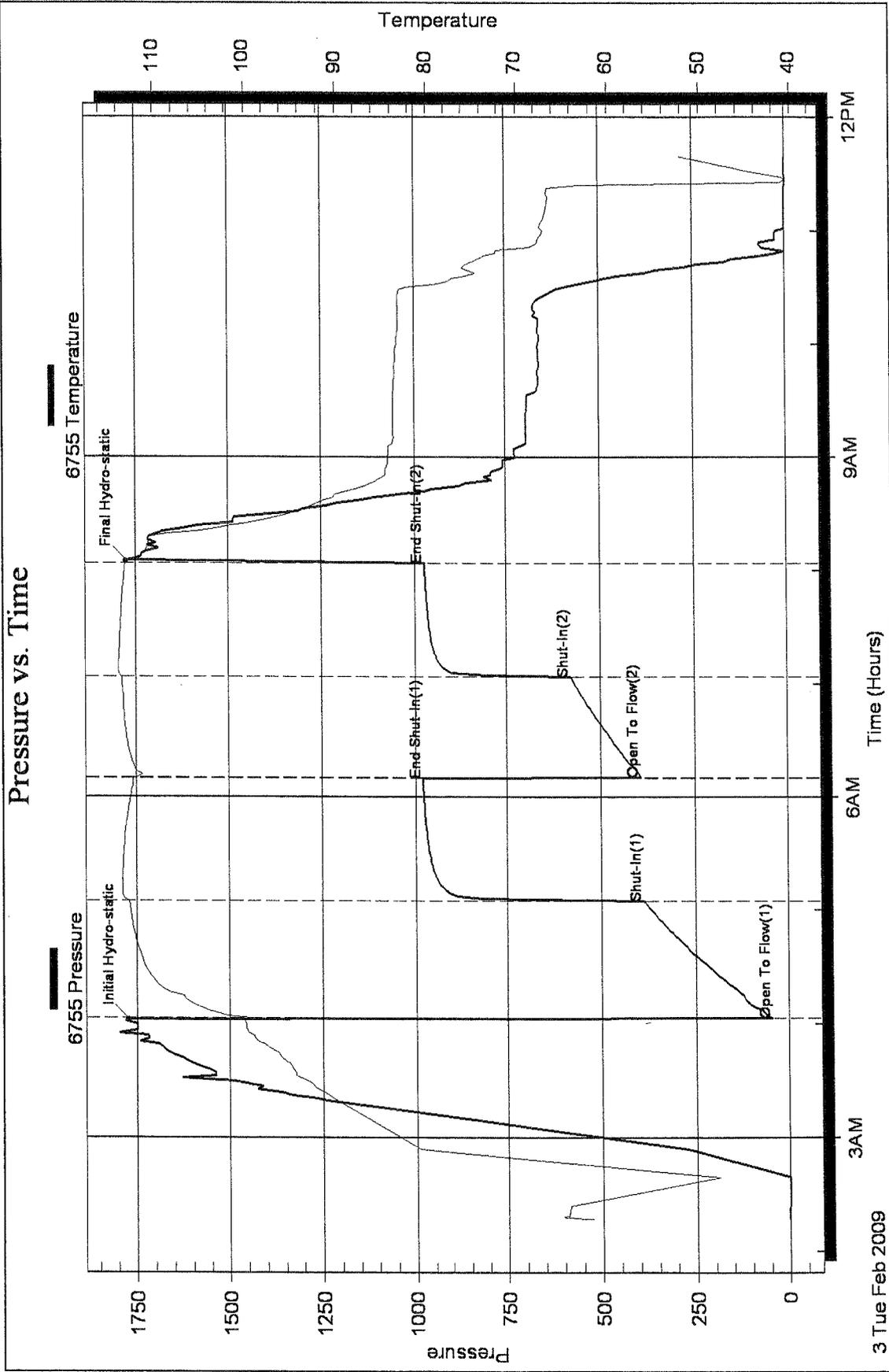
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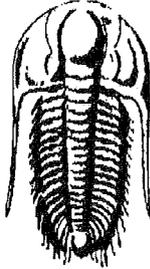
Russell Oil Inc.

2 11s 23w Trego KS

DST Test Number: 1

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, IL 60544

ATTN: Steve Angle

2 11s 23w Trego KS

Lloyd B #1-2

Start Date: 2009.02.03 @ 19:03:32

End Date: 2009.02.04 @ 03:27:02

Job Ticket #: 36085 DST #: 2

KANSAS CORPORATION COMMISSION

MAY 12 2009

RECEIVED

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36085

DST#: 2

ATTN: Steve Angle

Test Start: 2009.02.03 @ 19:03:32

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:02

Time Test Ended: 03:27:02

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 3574.00 ft (KB) To 3598.00 ft (KB) (TVD)

Total Depth: 3598.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2291.00 ft (KB)

2281.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6755

Inside

Press@RunDepth: 390.52 psig @ 3576.00 ft (KB)

Start Date: 2009.02.03

End Date:

2009.02.04

Capacity: 7000.00 psig

Last Calib.: 2009.02.04

Start Time: 19:03:34

End Time:

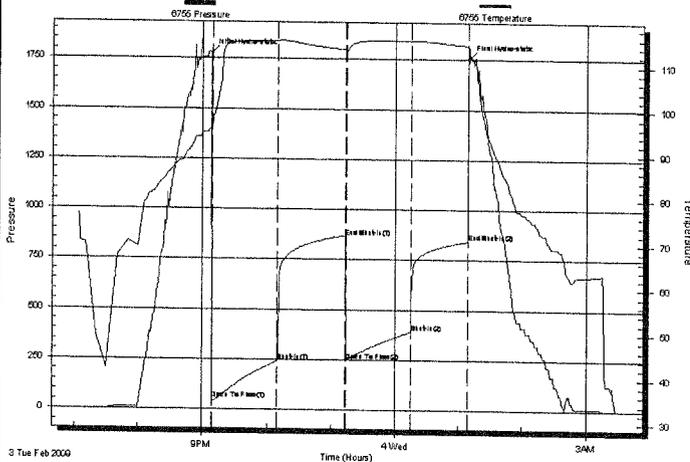
03:27:02

Time On Btm: 2009.02.03 @ 21:08:02

Time Off Btm: 2009.02.04 @ 01:09:32

TEST COMMENT: IFP-Strong,BOB in 1 Mn.
ISI-Blow back BOB in 15 Mn.
FFP-Strong,BOB in 4 Mn.
FSI-Blow back BOB in 30 Mn.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1777.05	95.77	Initial Hydro-static
1	46.39	95.68	Open To Flow (1)
62	241.90	115.57	Shut-In(1)
125	863.51	113.67	End Shut-In(1)
125	246.84	113.25	Open To Flow (2)
187	390.52	115.62	Shut-In(2)
241	841.21	114.67	End Shut-In(2)
242	1755.28	114.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
540.00	Muddy Water	7.57
270.00	WM Cut Gassy Oil-15%G-60%O-10%W	3.79M
0.00	840' 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.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36085

DST#: 2

ATTN: Steve Angle

Test Start: 2009.02.03 @ 19:03:32

Tool Information

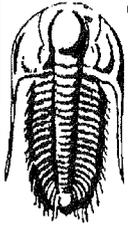
Drill Pipe:	Length: 3571.00 ft	Diameter: 3.80 inches	Volume: 50.09 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
		Total Volume: 50.09 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3574.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3554.00	
Shut In Tool	5.00			3559.00	
Hydraulic tool	5.00			3564.00	
Packer	5.00			3569.00	21.00 Bottom Of Top Packer
Packer	5.00			3574.00	
Stubb	1.00			3575.00	
Perforations	1.00			3576.00	
Recorder	0.00	8360	Inside	3576.00	
Recorder	0.00	6755	Inside	3576.00	
Perforations	19.00			3595.00	
Bullnose	3.00			3598.00	24.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36085

DST#: 2

ATTN: Steve Angle

Test Start: 2009.02.03 @ 19:03:32

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:	70000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
540.00	Muddy Water	7.575
270.00	WM Out Gassy Oil-15%G-60%O-10%W-15%I	3.787
0.00	840' Gas In Pipe	0.000

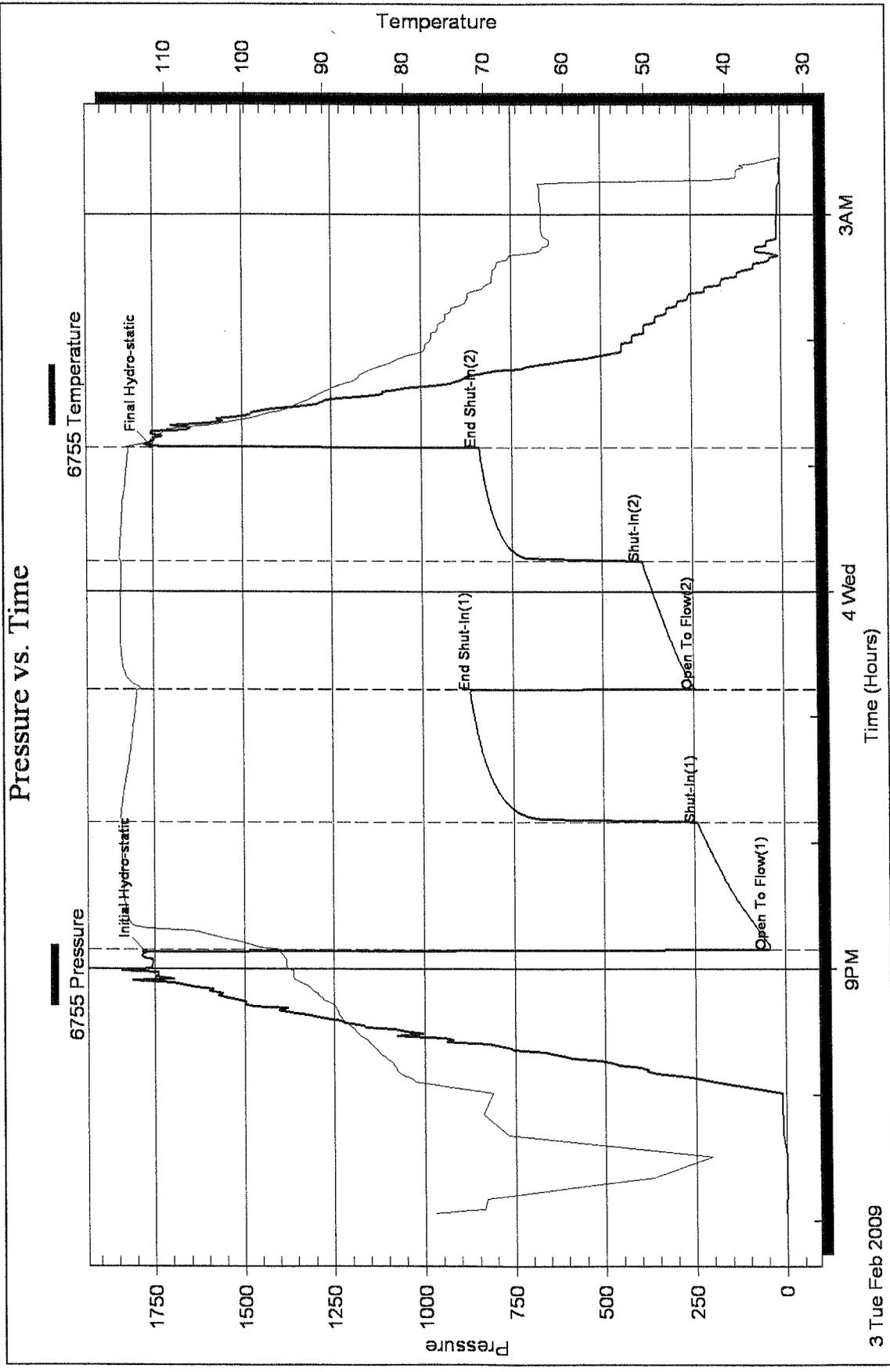
Total Length: 810.00 ft Total Volume: 11.362 bbl

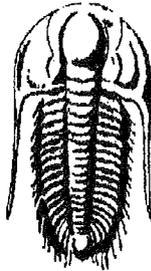
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, Il. 60544

ATTN: Steve Angle

2 11s 23w Trego KS

Lloyd B #1-2

Start Date: 2009.02.04 @ 15:30:05

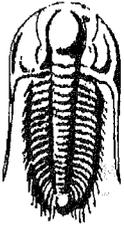
End Date: 2009.02.04 @ 23:32:35

Job Ticket #: 36086 DST #: 3

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

KANSAS CORPORATION COMMISSION
MAY 12 2009
RECEIVED

Russell Oil Inc.
Lloyd B #1-2
2 11s 23w Trego KS
DST # 3
KC
2009.02.04



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36086

DST#: 3

ATTN: Steve Angle

Test Start: 2009.02.04 @ 15:30:05

GENERAL INFORMATION:

Formation: **KC**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 17:07:35
 Time Test Ended: 23:32:35

Test Type: **Conventional Bottom Hole**
 Tester: **Jason McLemore**
 Unit No: **32**

Interval: **3601.00 ft (KB) To 3643.00 ft (KB) (TVD)**
 Total Depth: **3643.00 ft (KB) (TVD)**
 Hole Diameter: **7.80 inches** Hole Condition: **Good**

Reference Elevations: **2291.00 ft (KB)**
2281.00 ft (CF)
 KB to GR/CF: **10.00 ft**

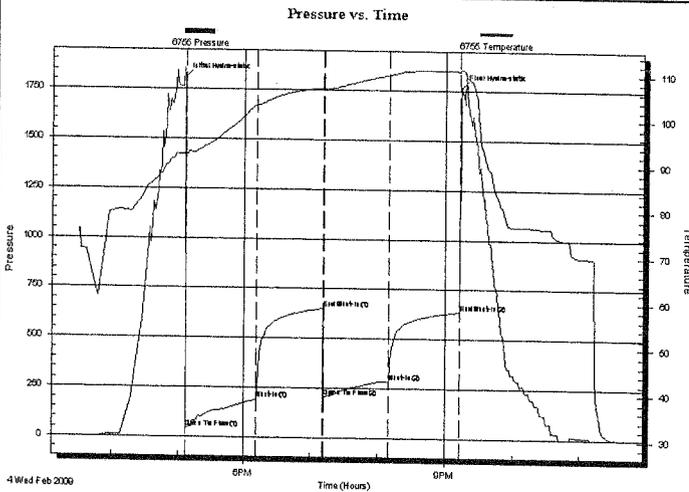
Serial #: 6755

Inside

Press@RunDepth: **286.94 psig @ 3608.00 ft (KB)**
 Start Date: **2009.02.04** End Date: **2009.02.04**
 Start Time: **15:30:07** End Time: **23:32:35**

Capacity: **7000.00 psig**
 Last Calib.: **2009.02.04**
 Time On Btm: **2009.02.04 @ 17:06:35**
 Time Off Btm: **2009.02.04 @ 21:13:35**

TEST COMMENT: IFF- Strong, BOB in 2-1/2 Mn
 ISI- Blow back BOB in 7 Mn. lasted throughout
 FFP- Strong, BOB in 4 Mn.
 FSI- Blow back BOB in 16 Mn.



PRESSURE SUMMARY

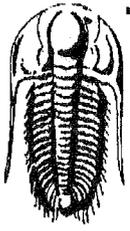
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1810.65	92.71	Initial Hydro-static
1	44.85	92.26	Open To Flow (1)
65	191.50	103.16	Shut-In (1)
124	650.05	106.91	End Shut-In (1)
125	208.37	106.68	Open To Flow (2)
183	286.94	109.83	Shut-In (2)
246	336.35	110.86	End Shut-In (2)
247	1765.19	111.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Muddy Water-95%W-5%M	0.84
120.00	GHOCMW-20%G-55%O-15%W-10%M	1.68
240.00	GHOMC-40%G 45%O 15%M	3.37
220.00	Clean Oil	3.09
0.00	2100' 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.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

ATTN: Steve Angle

Job Ticket: 36086

DST#: 3

Test Start: 2009.02.04 @ 15:30:05

Tool Information

Drill Pipe:	Length: 3601.00 ft	Diameter: 3.80 inches	Volume: 50.51 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 50.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3601.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	63.00 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			3581.00	
Shut In Tool	5.00			3586.00	
Hydraulic tool	5.00			3591.00	
Packer	5.00			3596.00	21.00 Bottom Of Top Packer
Packer	5.00			3601.00	
Stubb	1.00			3602.00	
Perforations	5.00			3607.00	
Recorder	0.00	8360	Inside	3607.00	
Change Over Sub	1.00			3608.00	
Recorder	0.00	6755	Inside	3608.00	
Blank Spacing	31.00			3639.00	
Change Over Sub	1.00			3640.00	
Bullnose	3.00			3643.00	42.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36086

DST#: 3

ATTN: Steve Angle

Test Start: 2009.02.04 @ 15:30:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 7.57 in³

Resistivity: ohm.m

Salinity: 2200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 36 deg API

Water Salinity: 60000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Muddy Water-95%W-5%M	0.842
120.00	GHOCMV-20%G-55%O-15%W-10%M	1.683
240.00	GHOMC-40%G 45%O 15%M	3.367
220.00	Clean Oil	3.086
0.00	2100' Gas In Pipe	0.000

Total Length: 640.00 ft Total Volume: 8.978 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

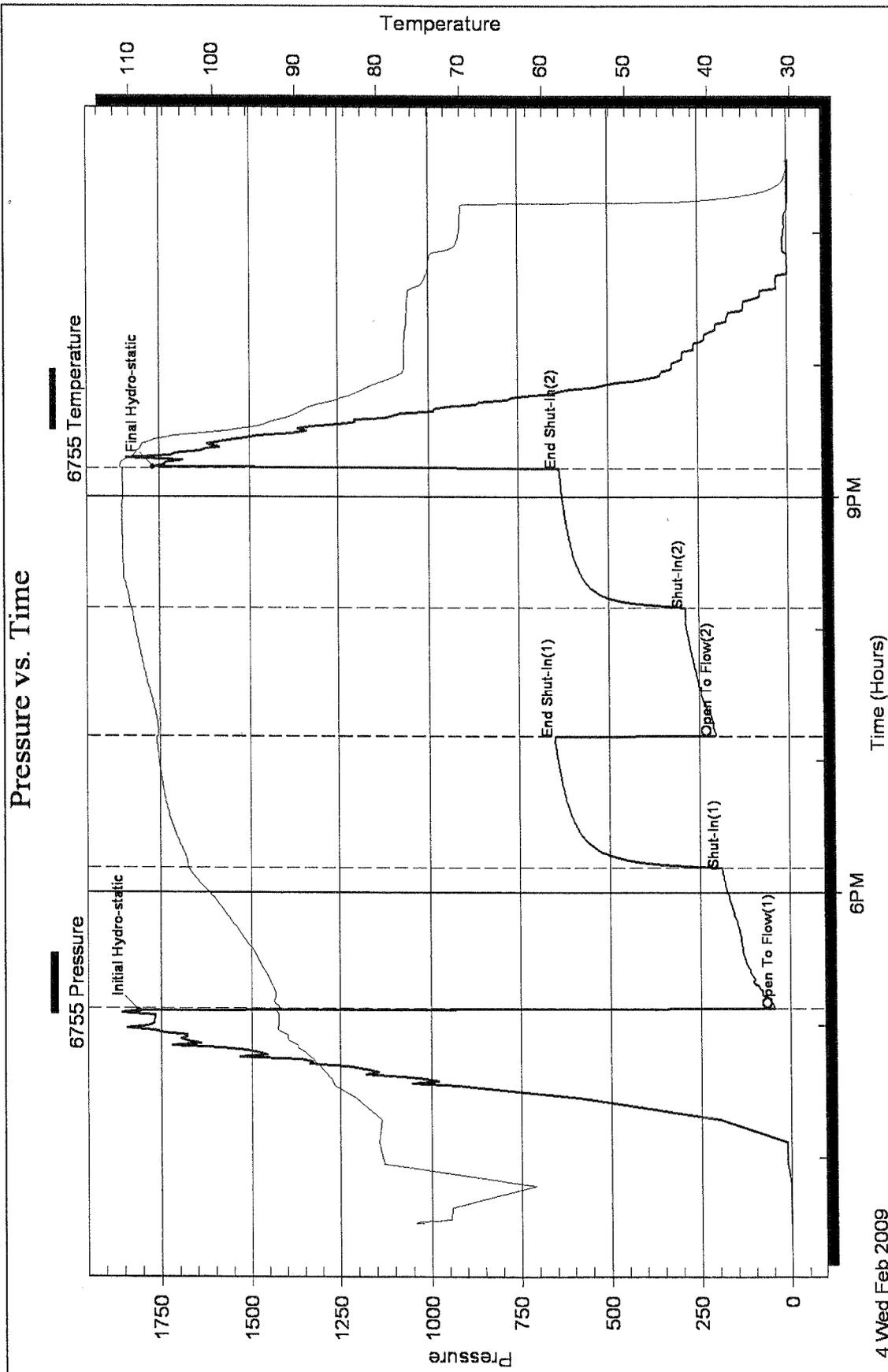
Serial #:

Laboratory Name:

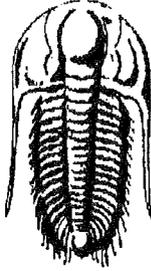
Laboratory Location:

Recovery Comments:

Pressure vs. Time



4 Wed Feb 2009



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, Il. 60544

ATTN: Steve Angle

2 11s 23w Trego KS

Lloyd B #1-2

Start Date: 2009.02.05 @ 11:06:47

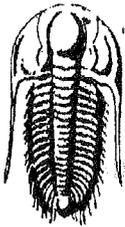
End Date: 2009.02.05 @ 18:19:47

Job Ticket #: 36087 DST #: 4

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

KANSAS CORPORATION COMMISSION

MAY 12 2009
RECEIVED



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36087

DST#: 4

ATTN: Steve Angle

Test Start: 2009.02.05 @ 11:06:47

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:51:47

Time Test Ended: 18:19:47

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 32

Interval: **3643.00 ft (KB) To 3697.00 ft (KB) (TVD)**

Total Depth: 3697.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2291.00 ft (KB)

2281.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6755

Inside

Press@RunDepth: 44.71 psig @ 3644.00 ft (KB)

Start Date: 2009.02.05

End Date:

2009.02.05

Capacity: 7000.00 psig

Start Time: 11:06:47

End Time:

18:19:45

Last Calib.: 2009.02.05

Time On Btm: 2009.02.05 @ 12:48:15

Time Off Btm: 2009.02.05 @ 16:53:45

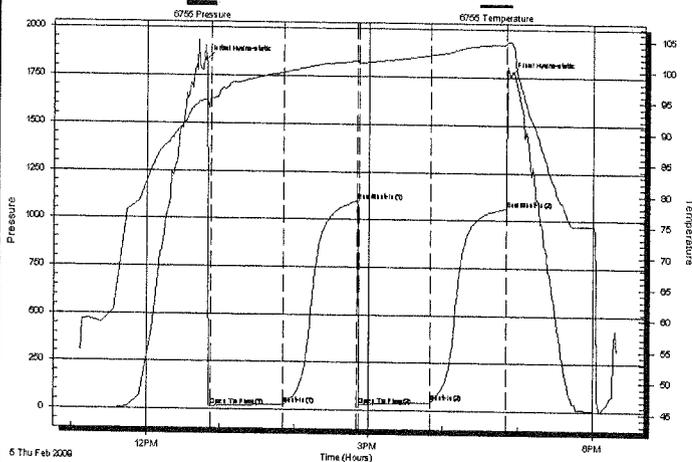
TEST COMMENT: IF- BOB in 57min

IS- No blow

FF- BOB in 45min

FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

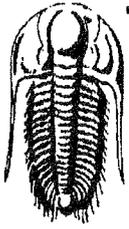
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1831.54	95.11	Initial Hydro-static
4	15.63	95.22	Open To Flow (1)
63	27.70	99.61	Shut-In(1)
122	1099.10	101.50	End Shut-In(1)
124	26.19	101.12	Open To Flow (2)
182	44.71	102.53	Shut-In(2)
242	1063.36	104.39	End Shut-In(2)
246	1758.02	104.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	240ft GIP	0.00
30.00	GMCO 25%G 40%O 35%M	0.42
35.00	OCM 5%G 25%O 70%M	0.49

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, IL 60544

2 11s 23w Trego KS

Job Ticket: 36087

DST#: 4

ATTN: Steve Angle

Test Start: 2009.02.05 @ 11:06:47

Tool Information

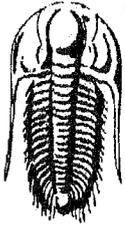
Drill Pipe:	Length: 3627.00 ft	Diameter: 3.80 inches	Volume: 50.88 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 50.88 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3643.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3616.00	
Shut In Tool	5.00			3621.00	
Hydraulic tool	5.00			3626.00	
Jars	5.00			3631.00	
Safety Joint	2.00			3633.00	
Packer	5.00			3638.00	28.00 Bottom Of Top Packer
Packer	5.00			3643.00	
Stubb	1.00			3644.00	
Recorder	0.00	8360	Inside	3644.00	
Recorder	0.00	6755	Inside	3644.00	
Perforations	19.00			3663.00	
Change Over Sub	1.00			3664.00	
Blank Spacing	29.00			3693.00	
Change Over Sub	1.00			3694.00	
Bullnose	3.00			3697.00	54.00 Bottom Packers & Anchor

Total Tool Length: 82.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, IL 60544

2 11s 23w Trego KS

Job Ticket: 36087

DST#: 4

ATTN: Steve Angle

Test Start: 2009.02.05 @ 11:06:47

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 65.00 sec/qt.	Cushion Volume: bbl		
Water Loss: 8.37 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	240ft GIP	0.000
30.00	GMCO 25%G 40%O 35%M	0.421
35.00	OCM 5%G 25%O 70%M	0.491

Total Length: 65.00 ft Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

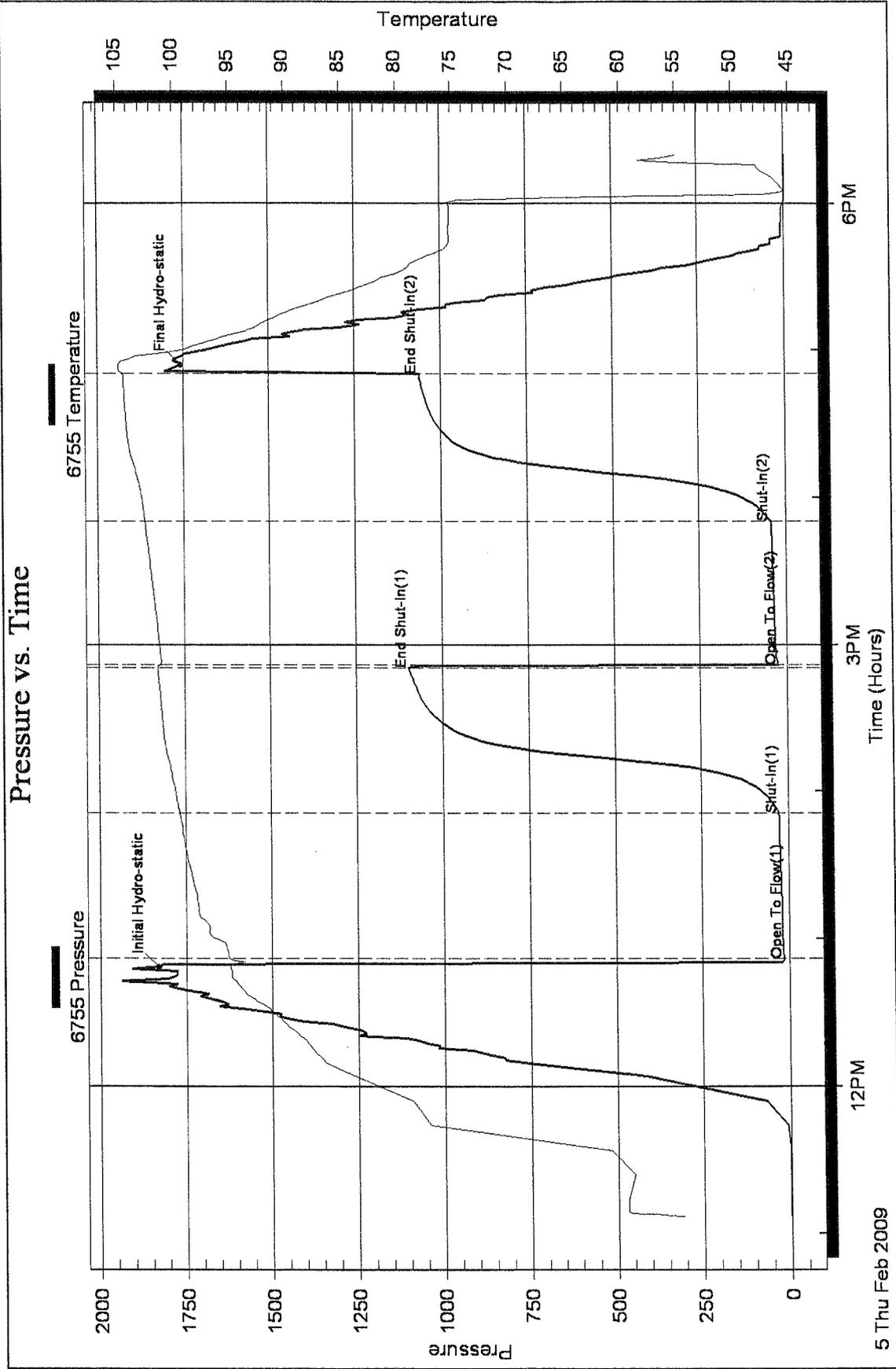
Serial #:

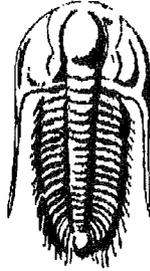
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, Il. 60544

ATTN: Steve Angle

2 11s 23w Trego KS

Lloyd B #1-2

Start Date: 2009.02.06 @ 04:11:22

End Date: 2009.02.06 @ 10:34:52

Job Ticket #: 36088 DST #: 5

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

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, IL 60544

2 11s 23w Trego KS

Job Ticket: 36088

DST#: 5

ATTN: Steve Angle

Test Start: 2009.02.06 @ 04:11:22

GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:51:22

Time Test Ended: 10:34:52

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 32

Interval: 3697.00 ft (KB) To 3734.00 ft (KB) (TVD)

Total Depth: 3734.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2291.00 ft (KB)

2281.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8360

Inside

Press@RunDepth: 17.12 psig @ 3698.00 ft (KB)

Start Date: 2009.02.06

End Date: 2009.02.06

Capacity: 7000.00 psig

Last Calib.: 2009.02.06

Start Time: 04:11:24

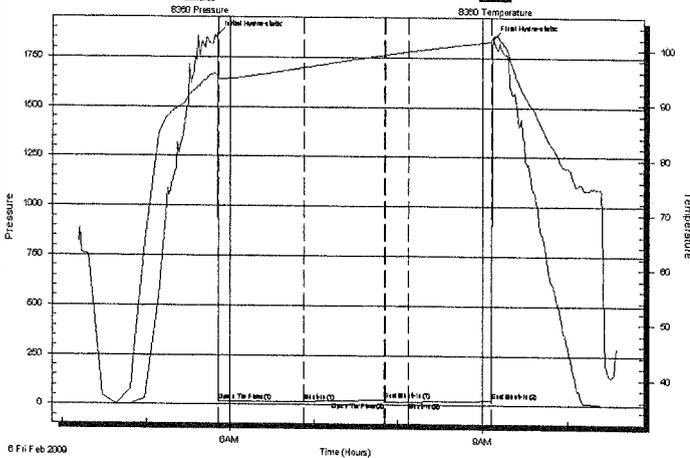
End Time: 10:34:52

Time On Btm: 2009.02.06 @ 05:50:52

Time Off Btm: 2009.02.06 @ 09:07:22

TEST COMMENT: IF- Weak surface blow built to 1.5in
IS- no blow
FF- no blow
FF- no blow

Pressure vs. Time



PRESSURE SUMMARY

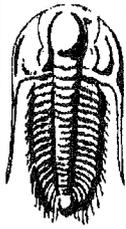
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1861.09	95.26	Initial Hydro-static
1	15.73	94.70	Open To Flow (1)
62	16.85	96.72	Shut-In(1)
120	26.11	99.07	End Shut-In(1)
121	16.76	99.09	Open To Flow (2)
137	17.12	99.71	Shut-In(2)
195	24.54	101.57	End Shut-In(2)
197	1844.21	102.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	VSOCM 5%O 95%M	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36088

DST#: 5

ATTN: Steve Angle

Test Start: 2009.02.06 @ 04:11:22

Tool Information

Drill Pipe:	Length: 3687.00 ft	Diameter: 3.80 inches	Volume: 51.72 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
		Total Volume:	51.72 bbl	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3697.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	65.00 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			3670.00	
Shut In Tool	5.00			3675.00	
Hydraulic tool	5.00			3680.00	
Jars	5.00			3685.00	
Safety Joint	2.00			3687.00	
Packer	5.00			3692.00	28.00 Bottom Of Top Packer
Packer	5.00			3697.00	
Stubb	1.00			3698.00	
Recorder	0.00	8360	Inside	3698.00	
Recorder	0.00	6755	Inside	3698.00	
Perforations	33.00			3731.00	
Bullnose	3.00			3734.00	37.00 Bottom Packers & Anchor

Total Tool Length: 65.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, IL 60544

2 11s 23w Trego KS

Job Ticket: 36088

DST#: 5

ATTN: Steve Angle

Test Start: 2009.02.06 @ 04:11:22

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: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.36 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	VSOCM 5%O 95%M	0.014

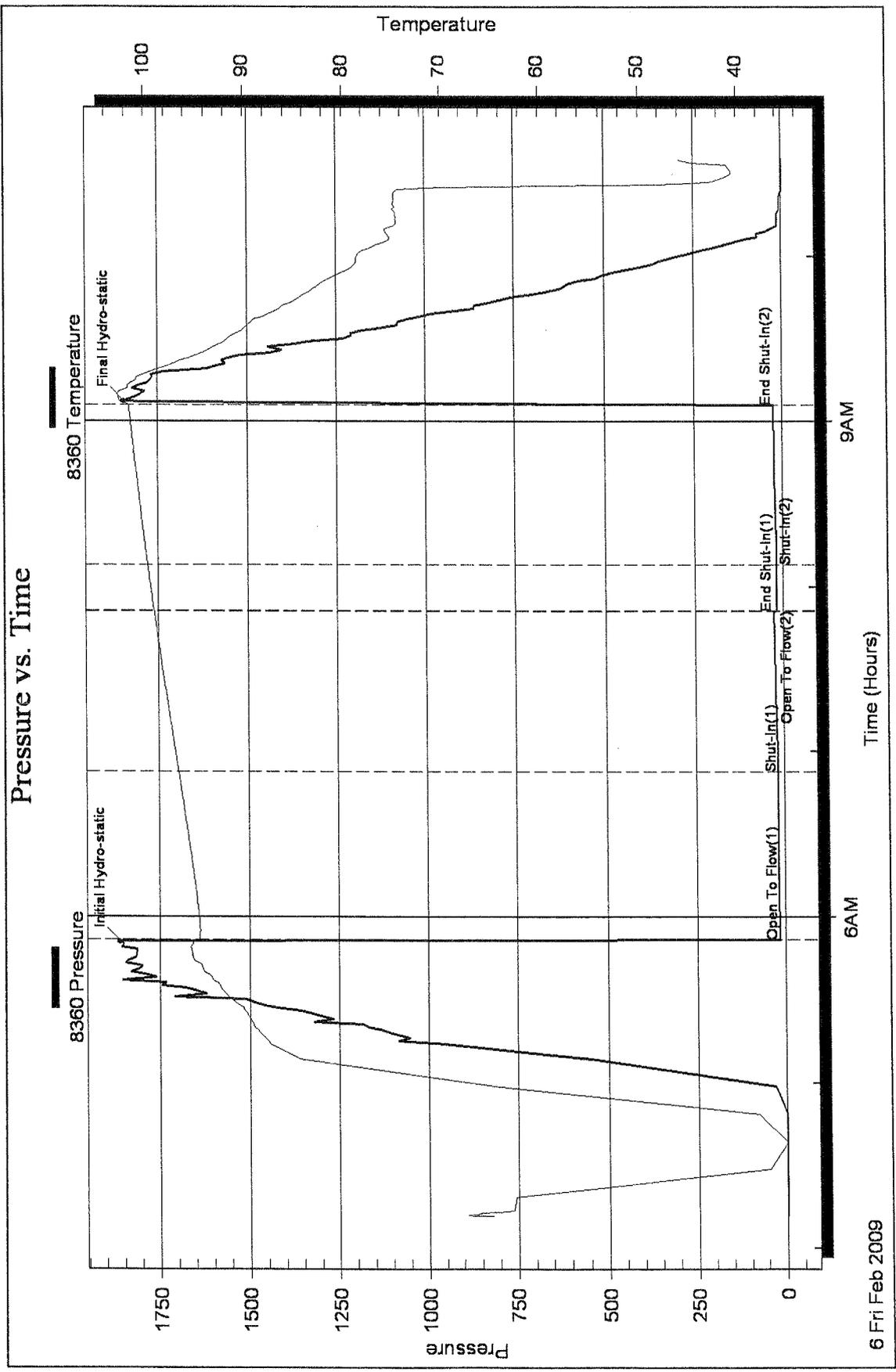
Total Length: 1.00 ft Total Volume: 0.014 bbl

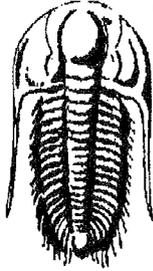
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, Il. 60544

ATTN: Steve Angle

2 11s 23w Trego KS

Lloyd B #1-2

Start Date: 2009.02.03 @ 02:16:39

End Date:

Job Ticket #: 36089

DST #: 6

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

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, IL 60544

2 11s 23w Trego KS

Job Ticket: 36089

DST#: 6

ATTN: Steve Angle

Test Start: 2009.02.03 @ 02:16:39

GENERAL INFORMATION:

Formation: **Marm.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 32

Interval: **3856.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Total Depth: 3920.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2291.00 ft (KB)

2281.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6755 Inside

Press@RunDepth: psig @ 3857.00 ft (KB)

Start Date: 2009.02.07 End Date: 2009.02.07

Start Time: 10:40:39 End Time: 15:08:37

Capacity: 7000.00 psig

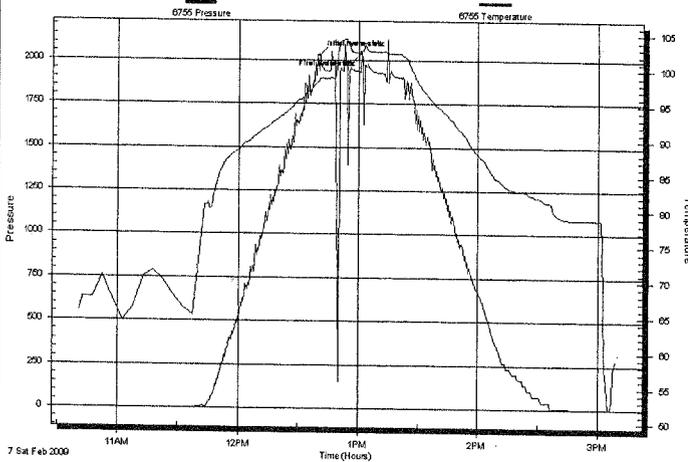
Last Calib.: 2009.02.07

Time On Btm: 2009.02.07 @ 12:40:37

Time Off Btm: 2009.02.07 @ 13:01:37

TEST COMMENT: Packer failure

Pressure vs. Time



PRESSURE SUMMARY

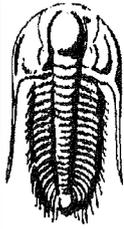
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2030.79	98.78	Initial Hydro-static
21	2044.41	102.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	Mud	5.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36089

DST#: 6

ATTN: Steve Angle

Test Start: 2009.02.03 @ 02:16:39

Tool Information

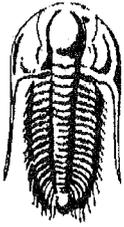
Drill Pipe:	Length: 3845.00 ft	Diameter: 3.80 inches	Volume: 53.94 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 53.94 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3856.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3829.00	
Shut In Tool	5.00			3834.00	
Hydraulic tool	5.00			3839.00	
Jars	5.00			3844.00	
Safety Joint	2.00			3846.00	
Packer	5.00			3851.00	28.00 Bottom Of Top Packer
Packer	5.00			3856.00	
Stubb	1.00			3857.00	
Recorder	0.00	8360	Inside	3857.00	
Recorder	0.00	6755	Inside	3857.00	
Perforations	27.00			3884.00	
Change Over Sub	1.00			3885.00	
Blank Spacing	31.00			3916.00	
Change Over Sub	1.00			3917.00	
Bullnose	3.00			3920.00	64.00 Bottom Packers & Anchor

Total Tool Length: 92.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36089

DST#: 6

ATTN: Steve Angle

Test Start: 2009.02.03 @ 02:16:39

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:	61.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	6.79 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5500.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
360.00	Mud	5.050

Total Length: 360.00 ft Total Volume: 5.050 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6755

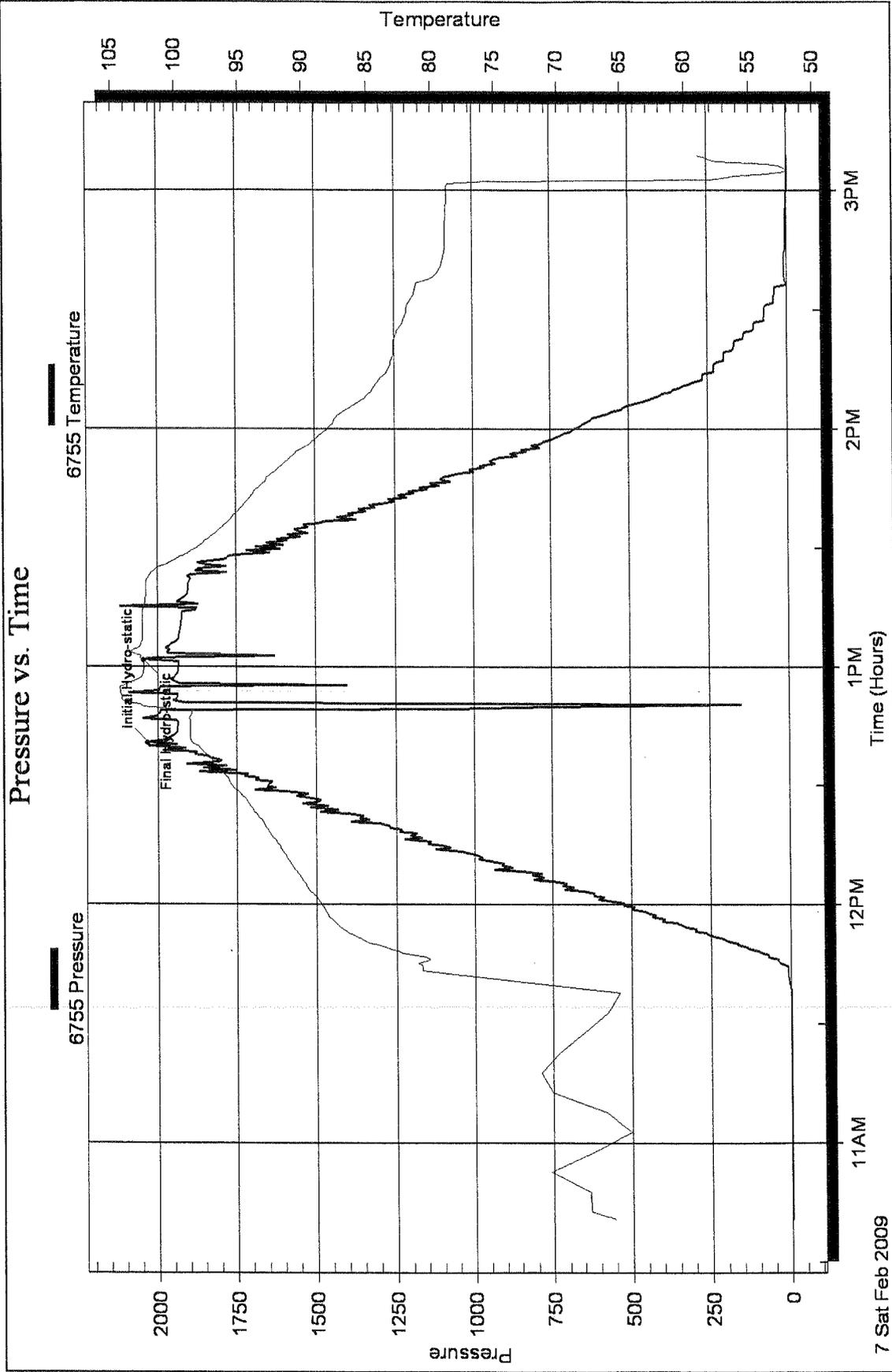
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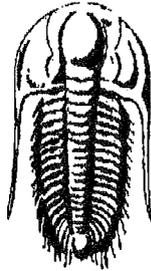
Russell Oil Inc.

2 11s 23w Trego KS

DST Test Number: 6

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc.**

PO Box 1469
Plainfield, IL 60544

ATTN: Steve Angle

2 11s 23w Trego KS

Lloyd B #1-2

Start Date: 2009.02.07 @ 15:17:49

End Date: 2009.02.07 @ 21:12:49

Job Ticket #: 36090 DST #: 7

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

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, IL 60544

2 11s 23w Trego KS

Job Ticket: 36090

DST#: 7

ATTN: Steve Angle

Test Start: 2009.02.07 @ 15:17:49

GENERAL INFORMATION:

Formation: **Marm.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:01:49

Time Test Ended: 21:12:49

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: 32

Interval: **3818.00 ft (KB) To 3920.00 ft (KB) (TVD)**

Total Depth: 3920.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2291.00 ft (KB)

2281.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6755

Inside

Press@RunDepth: 476.22 psig @ 3822.00 ft (KB)

Start Date: 2009.02.07

End Date:

2009.02.07

Capacity: 7000.00 psig

Last Calib.: 2009.02.07

Start Time: 15:17:51

End Time:

21:12:49

Time On Btm: 2009.02.07 @ 17:00:49

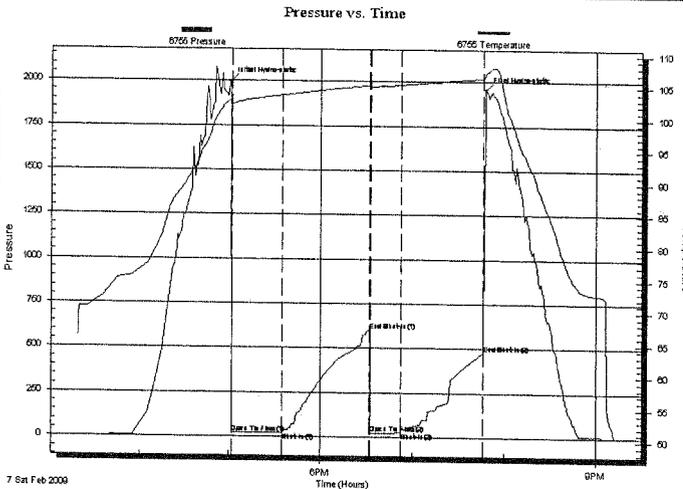
Time Off Btm: 2009.02.07 @ 19:47:49

TEST COMMENT: IF- Very weak surface blow died in 27min

IS- No blow

FF- No blow

FS- No blow



PRESSURE SUMMARY

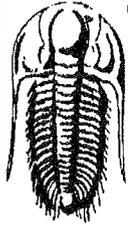
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1994.51	102.84	Initial Hydro-static
1	19.71	102.29	Open To Flow (1)
34	22.22	103.66	Shut-In(1)
91	598.26	105.22	End Shut-In(1)
92	22.26	104.96	Open To Flow(2)
112	27.69	105.35	Shut-In(2)
166	476.22	106.40	End Shut-In(2)
167	1953.45	107.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36090

DST#: 7

ATTN: Steve Angle

Test Start: 2009.02.07 @ 15:17:49

Tool Information

Drill Pipe:	Length: 3814.00 ft	Diameter: 3.80 inches	Volume: 53.50 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 53.50 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3818.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	102.00 ft			
Tool Length:	130.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

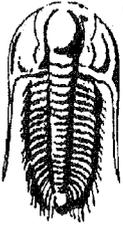
Tool Comments:

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			3791.00	
Shut In Tool	5.00			3796.00	
Hydraulic tool	5.00			3801.00	
Jars	5.00			3806.00	
Safety Joint	2.00			3808.00	
Packer	5.00			3813.00	28.00 Bottom Of Top Packer
Packer	5.00			3818.00	
Stubb	1.00			3819.00	
Perforations	3.00			3822.00	
Recorder	0.00	8360	Inside	3822.00	
Recorder	0.00	6755	Inside	3822.00	
Change Over Sub	1.00			3823.00	
Blank Spacing	93.00			3916.00	
Change Over Sub	1.00			3917.00	
Bullnose	3.00			3920.00	102.00 Bottom Packers & Anchor

Total Tool Length: 130.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc.

Lloyd B #1-2

PO Box 1469
Plainfield, Il. 60544

2 11s 23w Trego KS

Job Ticket: 36090

DST#:7

ATTN: Steve Angle

Test Start: 2009.02.07 @ 15:17:49

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: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

DST Test Number: 7

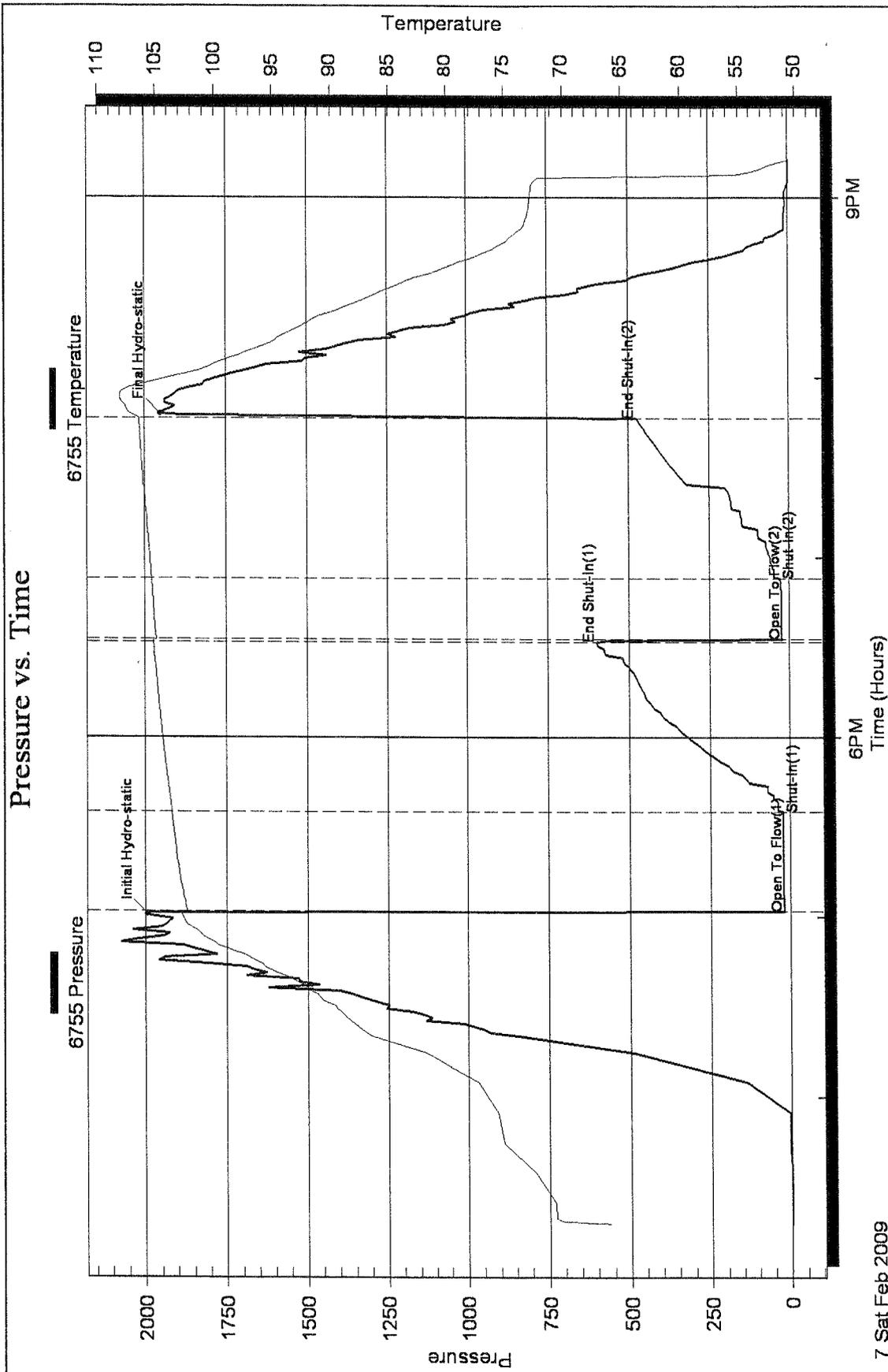
2 11s 23w Trego KS

Russell Oil Inc.

Inside

Serial #: 6755

Pressure vs. Time



7 Sat Feb 2009

9PM

6PM

Time (Hours)

Ref. No: 36090

Trilobite Testing, Inc

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