

DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield IL 60544-1469

ATTN: LeRoy Holt

35 11 20 Ellis KS

Schoenthaler # 1

Start Date: 2007.01.08 @ 16:30:39

End Date: 2007.01.08 @ 22:37:39

Job Ticket #: 25945 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc
PO Box 1469
Plainfield IL 60544-1469
ATTN: LeRoy Holt

Schoenthaler # 1
35 11 20 Ellis KS
Job Ticket: 25945 **DST#: 1**
Test Start: 2007.01.08 @ 16:30:39

GENERAL INFORMATION:

Formation: **J-K LKC**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 18:47:29
Time Test Ended: 22:37:39

Test Type: **Conventional Straddle**
Tester: **Dan Bangle**
Unit No: **38**

Interval: **3567.00 ft (KB) To 3616.00 ft (KB) (TVD)**
Total Depth: **3677.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2106.00 ft (KB)**
2098.00 ft (CF)
KB to GR/CF: **8.00 ft**

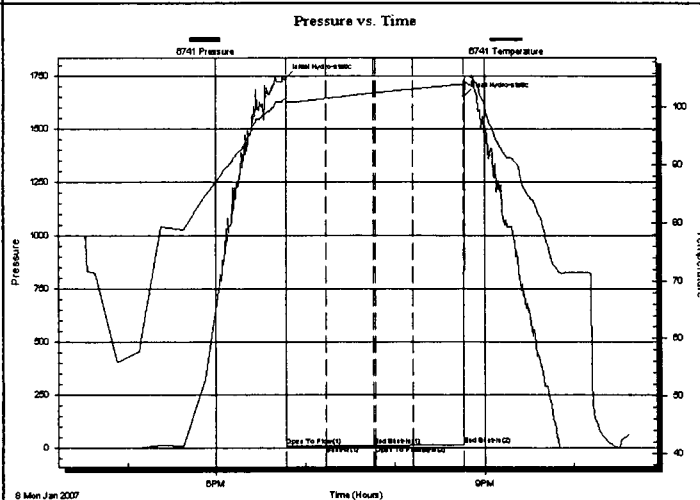
Serial #: 6741

Inside

Press@RunDepth: **11.80 psig @ 3570.00 ft (KB)**
Start Date: **2007.01.08** End Date: **2007.01.08**
Start Time: **16:30:41** End Time: **22:37:39**

Capacity: **7000.00 psig**
Last Calib.: **2007.01.08**
Time On Btm: **2007.01.08 @ 18:47:19**
Time Off Btm: **2007.01.08 @ 20:46:09**

TEST COMMENT: IF Weak 1/4 " blow died in 25 min
FF No blow



PRESSURE SUMMARY

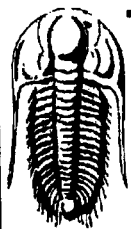
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1739.91	101.38	Initial Hydro-static
1	8.74	100.99	Open To Flow (1)
27	9.68	101.53	Shut-In(1)
59	10.70	102.47	End Shut-In(1)
60	9.79	102.50	Open To Flow (2)
86	11.80	103.20	Shut-In(2)
119	14.96	104.02	End Shut-In(2)
119	1652.68	104.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM	0.28

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc
PO Box 1469
Plainfield IL 60544-1469

ATTN: LeRoy Holt

Schoenthaler # 1

35 11 20 Ellis KS
Job Ticket: 25945 **DST#: 1**

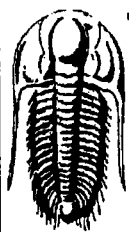
Test Start: 2007.01.08 @ 16:30:39

Tool Information

Drill Pipe:	Length: 3529.00 ft	Diameter: 3.80 inches	Volume: 49.50 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 49.50 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3567.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	3616.00 ft			
Interval between Packers:	49.00 ft			
Tool Length:	155.00 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			3523.00		
Shut In Tool	5.00			3528.00		
Blank Spacing	24.00			3552.00		
Hydraulic tool	5.00			3557.00		
Packer	5.00			3562.00	45.00	Bottom Of Top Packer
Packer	5.00			3567.00		
Stubb	1.00			3568.00		
Perforations	1.00			3569.00		
Change Over Sub	1.00			3570.00		
Recorder	0.00	6741	Inside	3570.00		
Drill Pipe	29.00			3599.00		
Change Over Sub	1.00			3600.00		
Recorder	0.00	13254	Outside	3600.00		
Perforations	12.00			3612.00		
Blank Off Sub	1.00			3613.00		
Blank Spacing	3.00			3616.00	49.00	Tool Interval
Packer	2.00			3618.00		
Stubb	1.00			3619.00		
Perforations	22.00			3641.00		
Change Over Sub	1.00			3642.00		
Recorder	0.00	13248	Outside	3642.00		
Drill Pipe	31.00			3673.00		
Change Over Sub	1.00			3674.00		
Bullnose	3.00			3677.00	61.00	Bottom Packers & Anchor
Total Tool Length:		155.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Schoenthaler # 1

PO Box 1469
Plainfield IL 60544-1469

35 11 20 Ellis KS

Job Ticket: 25945

DST#: 1

ATTN: LeRoy Holt

Test Start: 2007.01.08 @ 16:30:39

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	DM	0.281

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

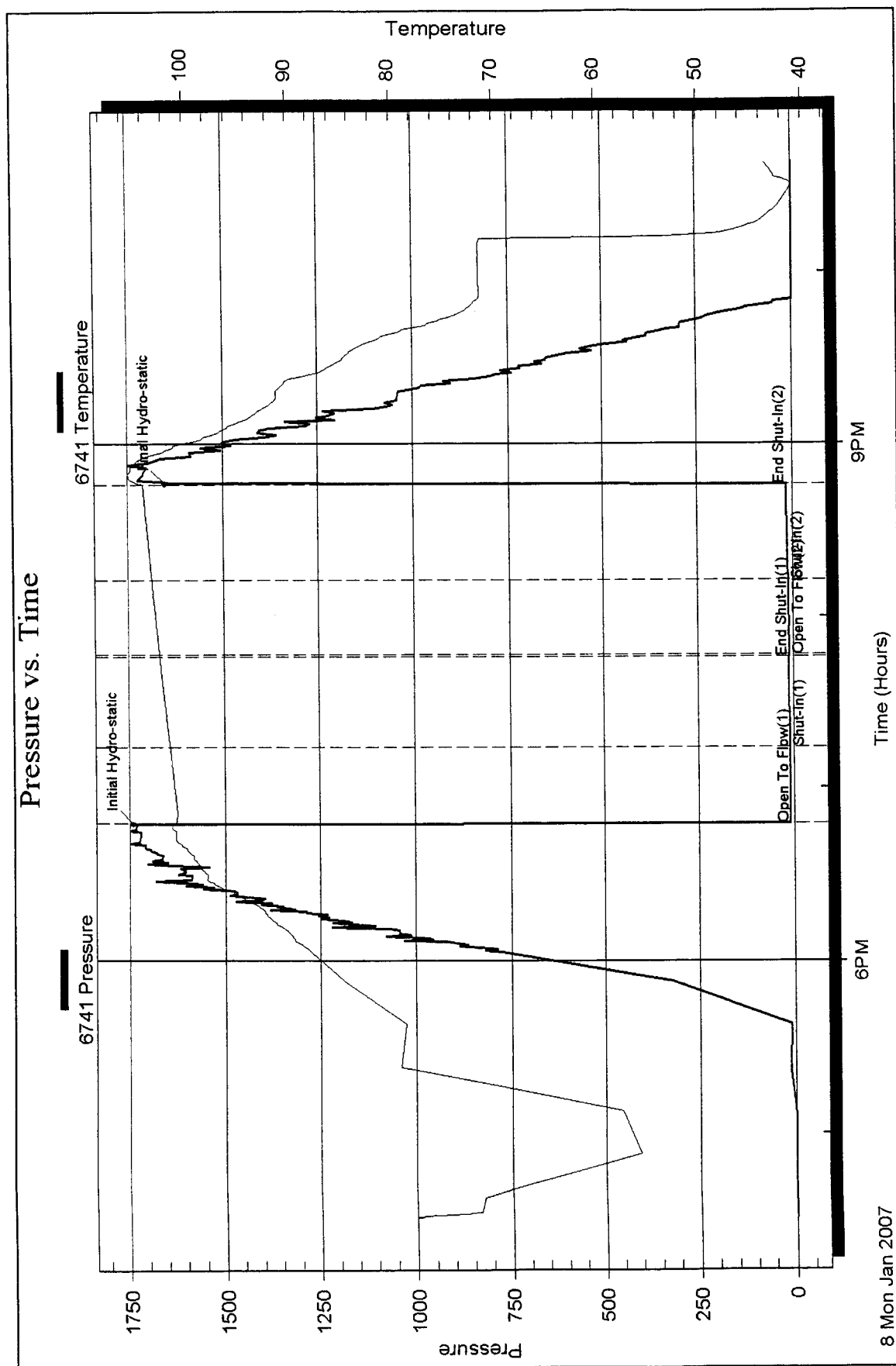
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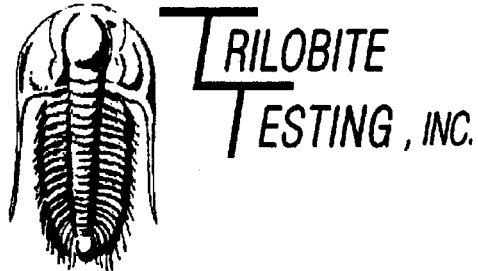
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield IL 60544-1469

ATTN: LeRoy Holt

35 11 20 Ellis KS

Schoenthaler # 1

Start Date: 2007.01.09 @ 10:11:58

End Date: 2007.01.09 @ 18:26:58

Job Ticket #: 25946 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Russell Oil Inc
PO Box 1469
Plainfield IL 60544-1469
ATTN: LeRoy Holt

Schoenthaler # 1
35 11 20 Ellis KS
Job Ticket: 25946 **DST#: 2**
Test Start: 2007.01.09 @ 10:11:58

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:19:18
Time Test Ended: 18:26:58

Test Type: Conventional Bottom Hole
Tester: Dan Bangle
Unit No: 38

Interval: **3708.00 ft (KB) To 3715.00 ft (KB) (TVD)**
Total Depth: 3715.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2106.00 ft (KB)
2098.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741

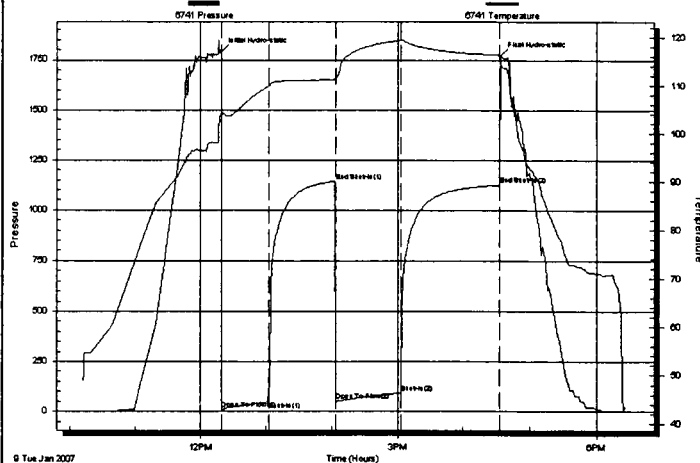
Inside

Press@RunDepth: 93.50 psig @ 3709.00 ft (KB)
Start Date: 2007.01.09 End Date: 2007.01.09
Start Time: 10:12:00 End Time: 18:26:58

Capacity: 7000.00 psig
Last Calib.: 2007.01.09
Time On Btm: 2007.01.09 @ 12:19:08
Time Off Btm: 2007.01.09 @ 16:33:28

TEST COMMENT: IF Weak building to 4 1/2 "
FF Weak building to 5 "

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1791.69	103.62	Initial Hydro-static
1	12.50	103.10	Open To Flow (1)
43	47.02	109.79	Shut-In (1)
104	1143.83	111.24	End Shut-In (1)
105	50.94	110.96	Open To Flow (2)
164	93.50	119.28	Shut-In (2)
254	1126.22	116.28	End Shut-In (2)
255	1770.73	115.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	CGsyO 10%G 90%O	2.81
0.00	185 GIP	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

Schoenthaler # 1

PO Box 1469
Plainfield IL 60544-1469

35 11 20 Ellis KS

Job Ticket: 25946

DST#: 2

ATTN: LeRoy Holt

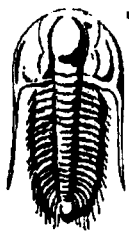
Test Start: 2007.01.09 @ 10:11:58

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: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 51.72 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3708.00 ft			Final 37000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	7.00 ft			
Tool Length:	52.00 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			3664.00	
Shut In Tool	5.00			3669.00	
Blank Spacing	24.00			3693.00	
Hydraulic tool	5.00			3698.00	
Packer	5.00			3703.00	45.00 Bottom Of Top Packer
Packer	5.00			3708.00	
Stubb	1.00			3709.00	
Recorder	0.00	6741	Inside	3709.00	
Perforations	3.00			3712.00	
Recorder	0.00	13254	Outside	3712.00	
Bullnose	3.00			3715.00	7.00 Bottom Packers & Anchor

Total Tool Length: 52.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Schoenthaler # 1

PO Box 1469
Plainfield IL 60544-1469

35 11 20 Ellis KS

Job Ticket: 25946

DST#: 2

ATTN: LeRoy Holt

Test Start: 2007.01.09 @ 10:11:58

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	CGsyO 10%G 90%O	2.805
0.00	185 GIP	0.000

Total Length: 200.00 ft

Total Volume: 2.805 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

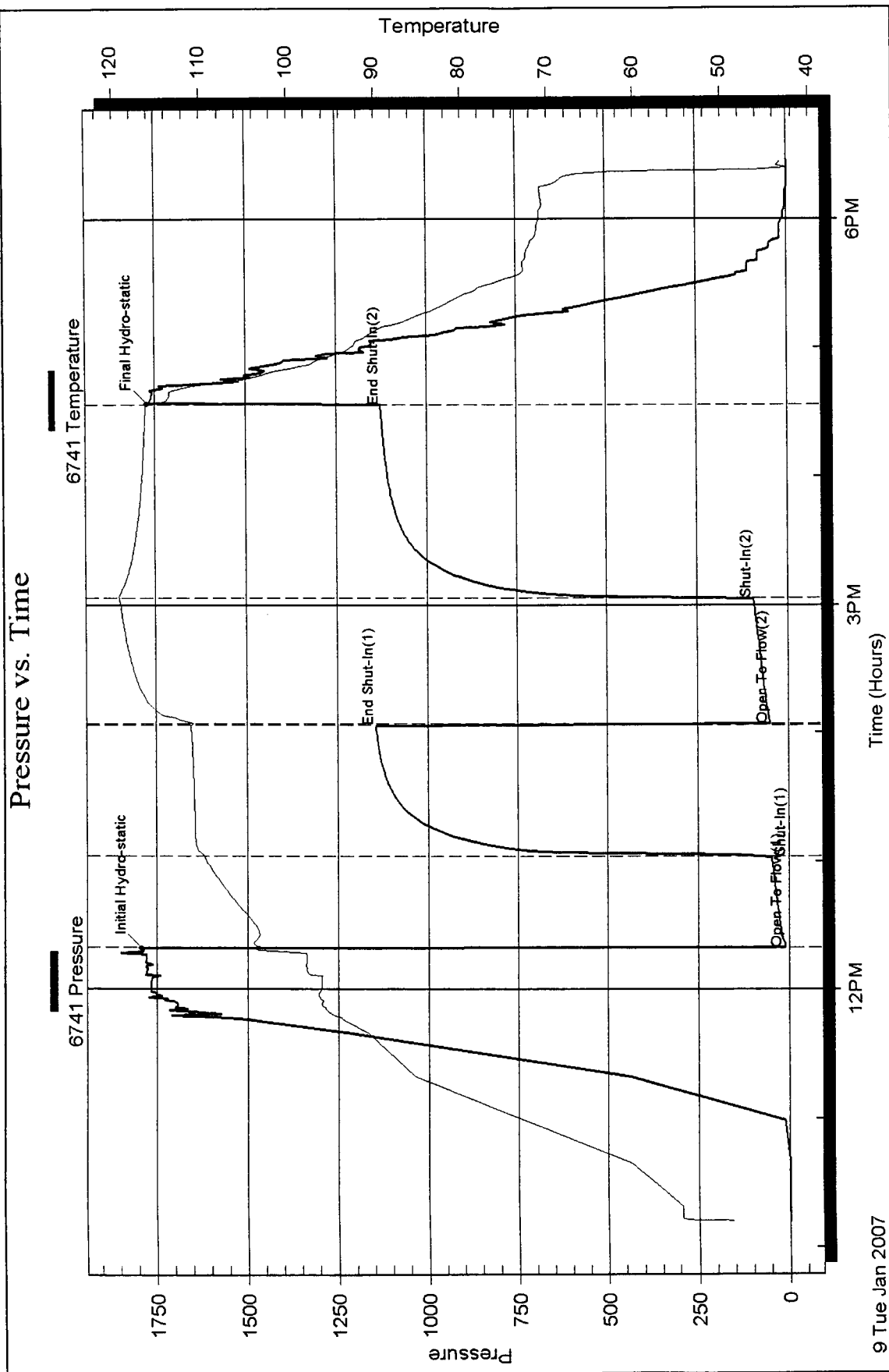
Serial #:

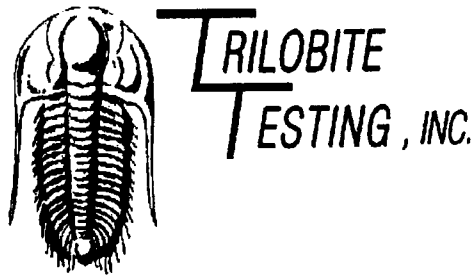
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield IL 60544-1469

ATTN: LeRoy Holt

35 11 20 Ellis KS

Schoenthaler # 1

Start Date: 2007.01.10 @ 02:00:54

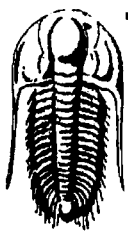
End Date: 2007.01.10 @ 10:34:39

Job Ticket #: 25947 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Russell Oil Inc
PO Box 1469
Plainfield IL 60544-1469
ATTN: LeRoy Holt

Schoenthaler # 1
35 11 20 Ellis KS
Job Ticket: 25947 **DST#: 3**
Test Start: 2007.01.10 @ 02:00:54

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:35:09
Time Test Ended: 10:34:39

Test Type: Conventional Straddle
Tester: Dan Bangle
Unit No: 38

Interval: **3709.00 ft (KB) To 3724.00 ft (KB) (TVD)**
Total Depth: 3724.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2106.00 ft (KB)
2098.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 6741

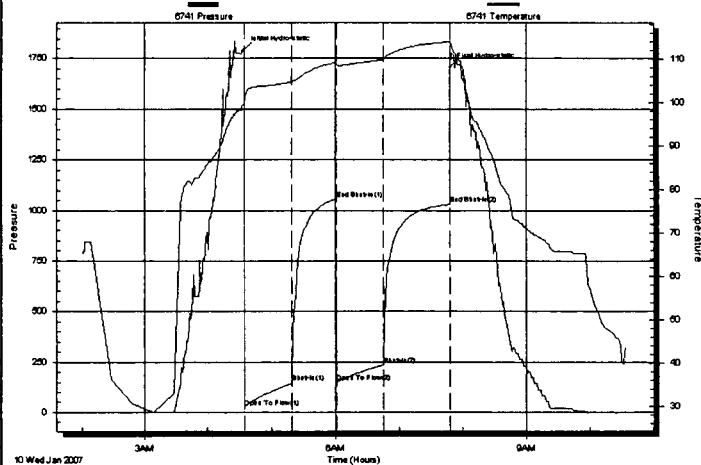
Inside

Press@RunDepth: 234.55 psig @ 3710.00 ft (KB)
Start Date: 2007.01.10 End Date: 2007.01.10
Start Time: 02:00:56 End Time: 10:34:39

Capacity: 7000.00 psig
Last Calib.: 2007.01.10
Time On Btm: 2007.01.10 @ 04:34:54
Time Off Btm: 2007.01.10 @ 07:48:39

TEST COMMENT: IF Strong B-B in 8 min
FF Strong B-B in 25 min

Pressure vs. Time



PRESSURE SUMMARY

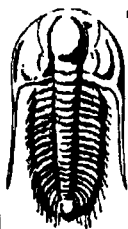
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1793.96	99.75	Initial Hydro-static
1	23.88	99.68	Open To Flow (1)
45	145.52	104.83	Shut-In (1)
86	1056.18	109.29	End Shut-In (1)
87	149.98	108.94	Open To Flow (2)
131	234.55	109.95	Shut-In (2)
194	1030.48	114.11	End Shut-In (2)
194	1707.81	114.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	MCGsyO 10%G 60%O 30%M	0.87
506.00	CGsyO 10%G 90%O	7.10
0.00	175 GIP	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

Schoenthaler # 1

PO Box 1469
Plainfield IL 60544-1469

35 11 20 Ellis KS

Job Ticket: 25947

DST#: 3

ATTN: LeRoy Holt

Test Start: 2007.01.10 @ 02:00:54

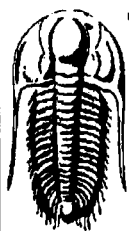
Tool Information

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: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 51.72 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3709.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	3724.00 ft			
Interval between Packers:	15.00 ft			
Tool Length:	60.00 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			3665.00	
Shut In Tool	5.00			3670.00	
Blank Spacing	24.00			3694.00	
Hydraulic tool	5.00			3699.00	
Packer	5.00			3704.00	45.00 Bottom Of Top Packer
Packer	5.00			3709.00	
Stubb	1.00			3710.00	
Recorder	0.00	6741	Inside	3710.00	
Perforations	11.00			3721.00	
Recorder	0.00	13254	Outside	3721.00	
Bullnose	3.00			3724.00	15.00 Bottom Packers & Anchor

Total Tool Length: 60.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Schoenthaler # 1

PO Box 1469
Plainfield IL 60544-1469

35 11 20 Ellis KS

Job Ticket: 25947

DST#: 3

ATTN: LeRoy Holt

Test Start: 2007.01.10 @ 02:00:54

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 7.59 in³

Resistivity: ohm.m

Salinity: 5100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	MCGsyO 10%G 60%O 30%M	0.870
506.00	CGsyO 10%G 90%O	7.098
0.00	175 GIP	0.000

Total Length: 568.00 ft

Total Volume: 7.968 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

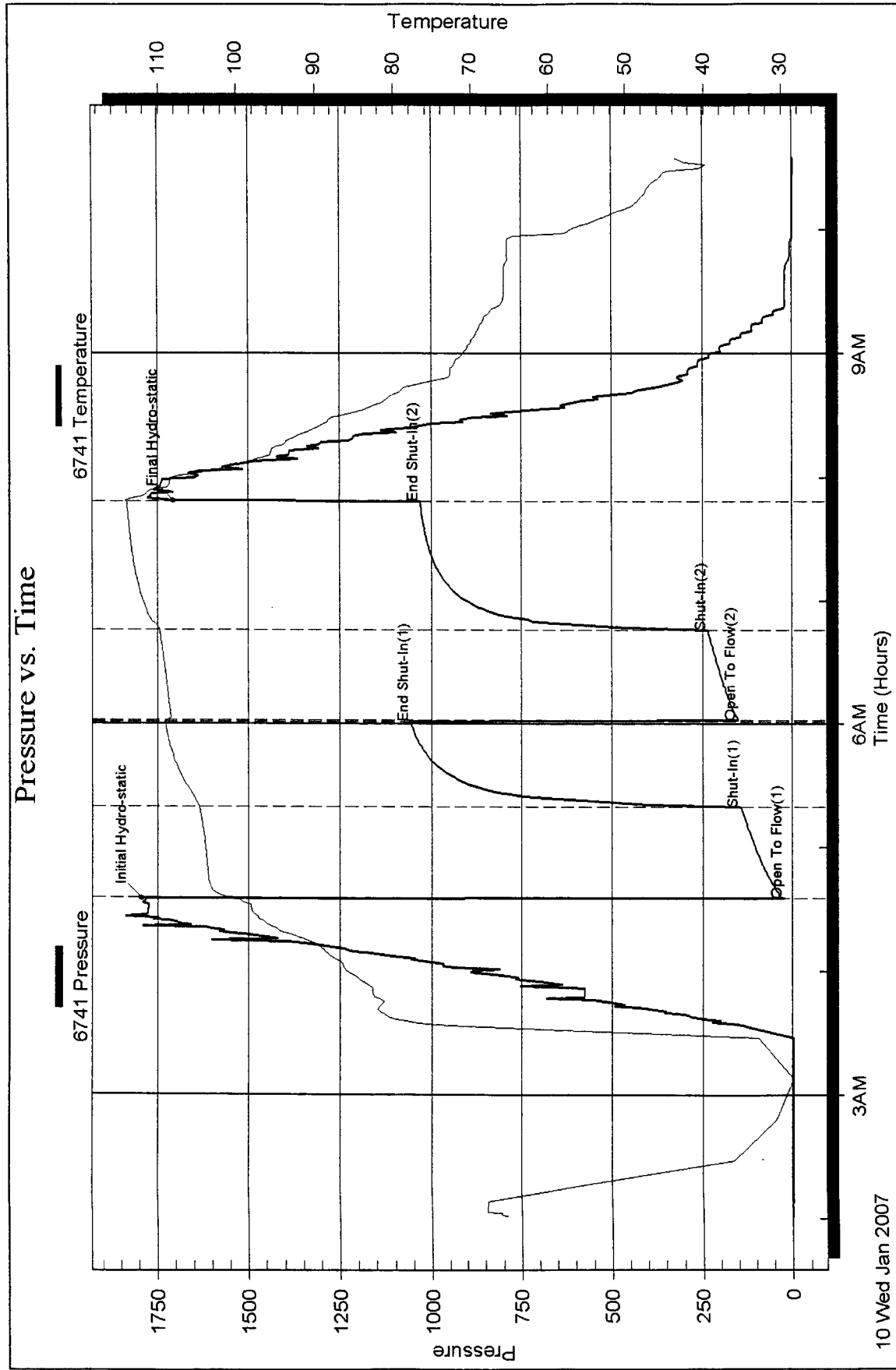
Serial #: 6741

Inside

Russell Oil Inc

35 11 20 Ellis KS

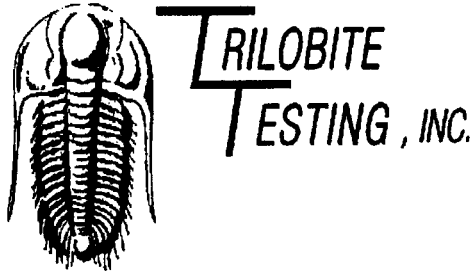
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 25947

Printed: 2007.01.12 @ 11:47:44 Page 5



DRILL STEM TEST REPORT

Prepared For: **Russell Oil Inc**

PO Box 1469
Plainfield IL 60544-1469

ATTN: LeRoy Holt

35 11 20 Ellis KS

Schoenthaler # 1

Start Date: 2007.01.10 @ 17:44:37

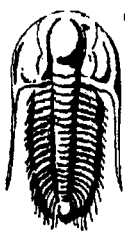
End Date: 2007.01.11 @ 01:12:37

Job Ticket #: 25948 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Russell Oil Inc
PO Box 1469
Plainfield IL 60544-1469
ATTN: LeRoy Holt

Schoenthaler # 1
35 11 20 Ellis KS
Job Ticket: 25948 **DST#: 4**
Test Start: 2007.01.10 @ 17:44:37

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:31:57

Time Test Ended: 01:12:37

Test Type: Conventional Straddle

Tester: Dan Bangle

Unit No: 38

Interval: **3727.00 ft (KB) To 3738.00 ft (KB) (TVD)**

Total Depth: 3677.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2106.00 ft (KB)

2098.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6741

Inside

Press@RunDepth: 60.62 psig @ 3728.00 ft (KB)

Start Date: 2007.01.10

End Date:

2007.01.11

Capacity: 7000.00 psig

Last Calib.: 2007.01.11

Start Time: 17:44:39

End Time:

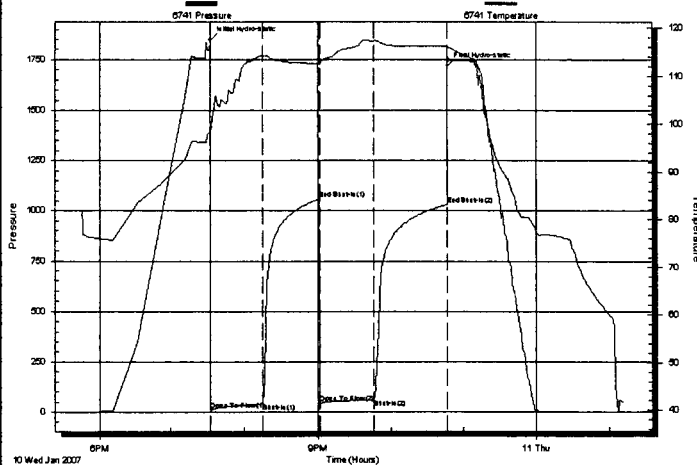
01:12:37

Time On Btm: 2007.01.10 @ 19:31:47

Time Off Btm: 2007.01.10 @ 22:46:52

TEST COMMENT: IF Weak building to 2 "
FF Weak building to 1/2 "

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1846.15	98.33	Initial Hydro-static
1	10.75	97.24	Open To Flow (1)
43	40.94	114.28	Shut-In(1)
89	1057.31	112.64	End Shut-In(1)
90	42.67	112.44	Open To Flow (2)
134	60.62	117.35	Shut-In(2)
195	1031.09	116.14	End Shut-In(2)
196	1717.35	116.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	Mudy Wtr	1.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Russell Oil Inc

PO Box 1469
Plainfield IL 60544-1469

ATTN: LeRoy Holt

Schoenthaler # 1

35 11 20 Ellis KS

Job Ticket: 25948

DST#: 4

Test Start: 2007.01.10 @ 17:44:37

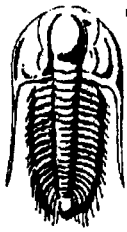
Tool Information

Drill Pipe:	Length: 3717.00 ft	Diameter: 3.80 inches	Volume: 52.14 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 52.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3727.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	3738.00 ft			
Interval between Packers:	11.00 ft			
Tool Length:	56.00 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			3683.00	
Shut In Tool	5.00			3688.00	
Blank Spacing	24.00			3712.00	
Hydraulic tool	5.00			3717.00	
Packer	5.00			3722.00	45.00 Bottom Of Top Packer
Packer	5.00			3727.00	
Stubb	1.00			3728.00	
Recorder	0.00	6741	Inside	3728.00	
Perforations	7.00			3735.00	
Recorder	0.00	13254	Outside	3735.00	
Bullnose	3.00			3738.00	11.00 Bottom Packers & Anchor

Total Tool Length: 56.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Russell Oil Inc

Schoenthaler # 1

PO Box 1469
Plainfield IL 60544-1469

35 11 20 Ellis KS

Job Ticket: 25948

DST#: 4

ATTN: LeRoy Holt

Test Start: 2007.01.10 @ 17:44:37

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:

28000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	Mudy Wtr	1.122

Total Length: 80.00 ft Total Volume: 1.122 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

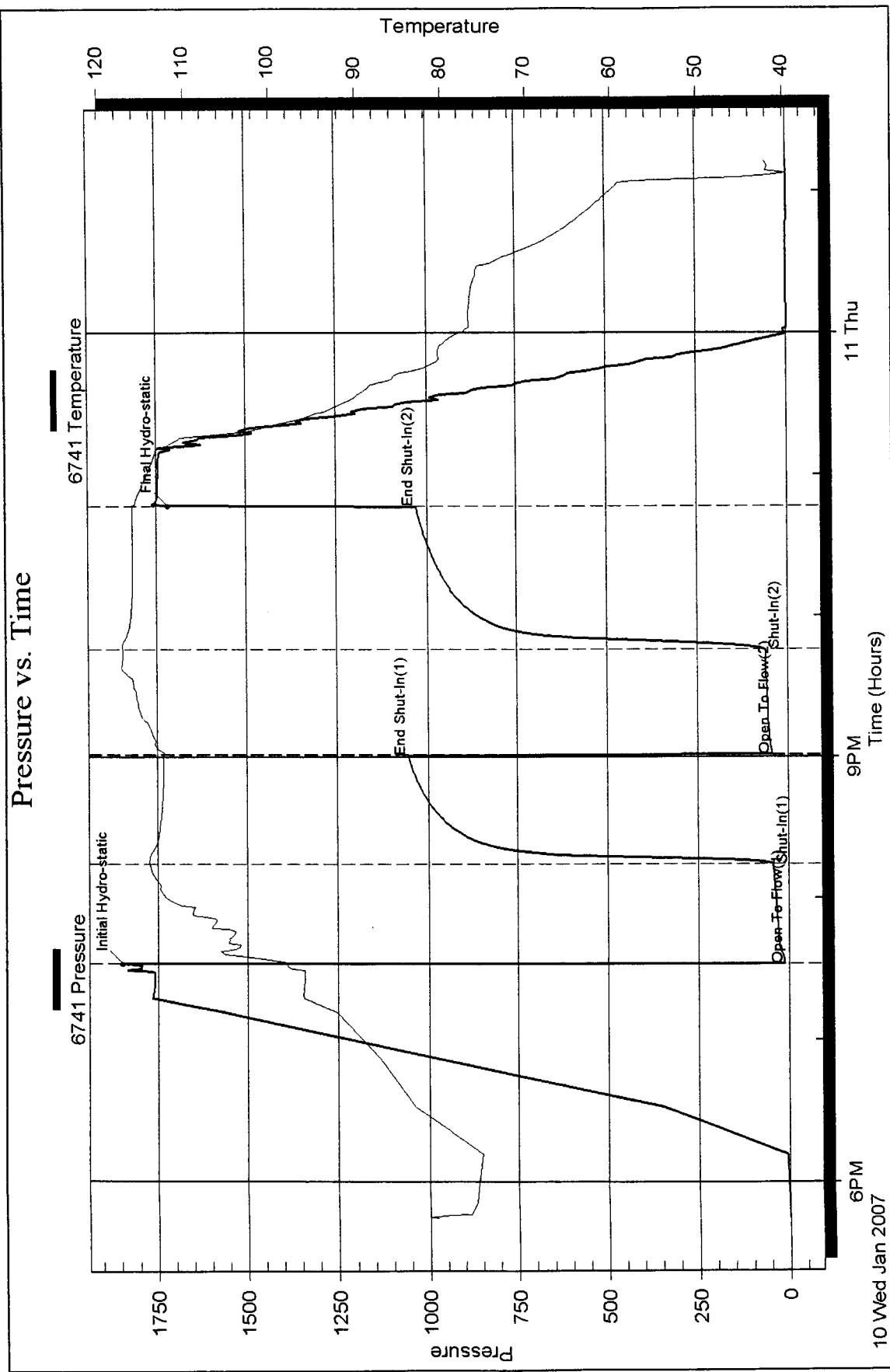
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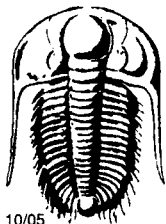
Laboratory Name:

Laboratory Location:

Recovery Comments: Rw .12 @ 78 = 28000ppm

Pressure vs. Time





TRILOBITE TESTING INC.

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25945

9737

Test Ticket

Well Name & No. Schoenthaler #1 Test No. 1 Date 1-8-07
 Company Russell Oil, Inc Zone Tested J-K LKC
 Address P.O. Box 1469 Plainfield, IL 60544-1469 Elevation _____ KB _____ GL _____
 Co. Rep / Geo. Todd Morgenstern Rig Southwind #1
 Location: Sec. 35 Twp. 11 Rge. 20 Co. Ellis State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3567 ————— 3616 Initial Str Wt./Lbs. 36,000 Unseated Str Wt./Lbs. 36,000
 Anchor Length 49 Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3567 Tool Weight 2000
 Bottom Packer Depth 3616 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3677 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.2 LCM 2# Vis. 45 WL 7.2 Drill Pipe Size 4.5 XH Ft. Run 3529
 Blow Description I.F. Weak 4 1/4" blow - died in 25 min.

F.F. No blow

Recovery - Total Feet 20 GIP _____ Ft. in DC _____ Ft. in DP 20
 Rec. 20 Feet of D.M. %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 104 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4900 ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	1749	PSI	Recorder No.	6741	Test	1100
(B) First Initial Flow Pressure			8	PSI	(depth)		Jars	
(C) First Final Flow Pressure			9	PSI	Recorder No.	13254	Safety Jt.	
(D) Initial Shut-In Pressure			10	PSI	(depth)		Circ Sub	
(E) Second Initial Flow Pressure			9	PSI	Recorder No.	13248	Sampler	
(F) Second Final Flow Pressure			11	PSI	(depth)		Straddle	X 600-
(G) Final Shut-In Pressure			14	PSI	Initial Opening	30	Ext. Packer	X 600-
(Q) Final Hydrostatic Mud			1708	PSI	Initial Shut-In	30	Shale Packer	
					Final Flow	30	Ruined Packer	
					Final Shut-In	30	Mileage	50 62.50
					T-On Location	14:15	Sub Total:	1962.50
					T-Started	16:30	Std. By	
					T-Open	18:45	Acc. Chg:	
					T-Pulled	20:45	Other: X-act Tool	
					T-Out	22:37	Total:	

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Approved By _____

Our Representative Don Bangle

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

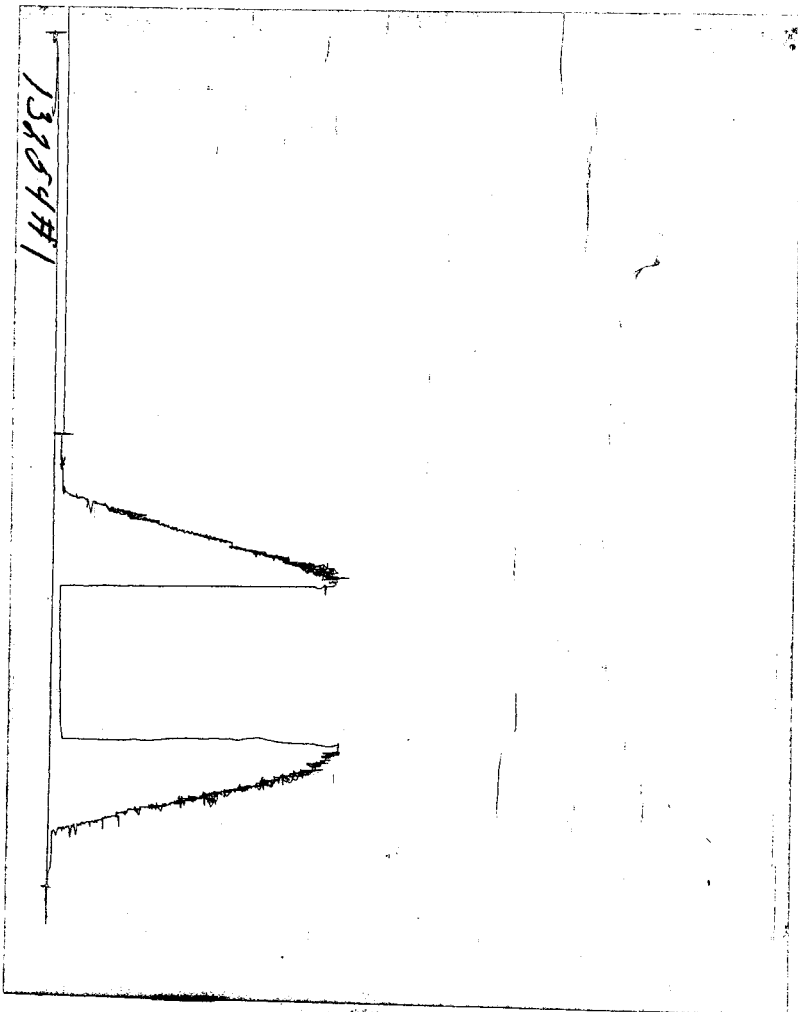
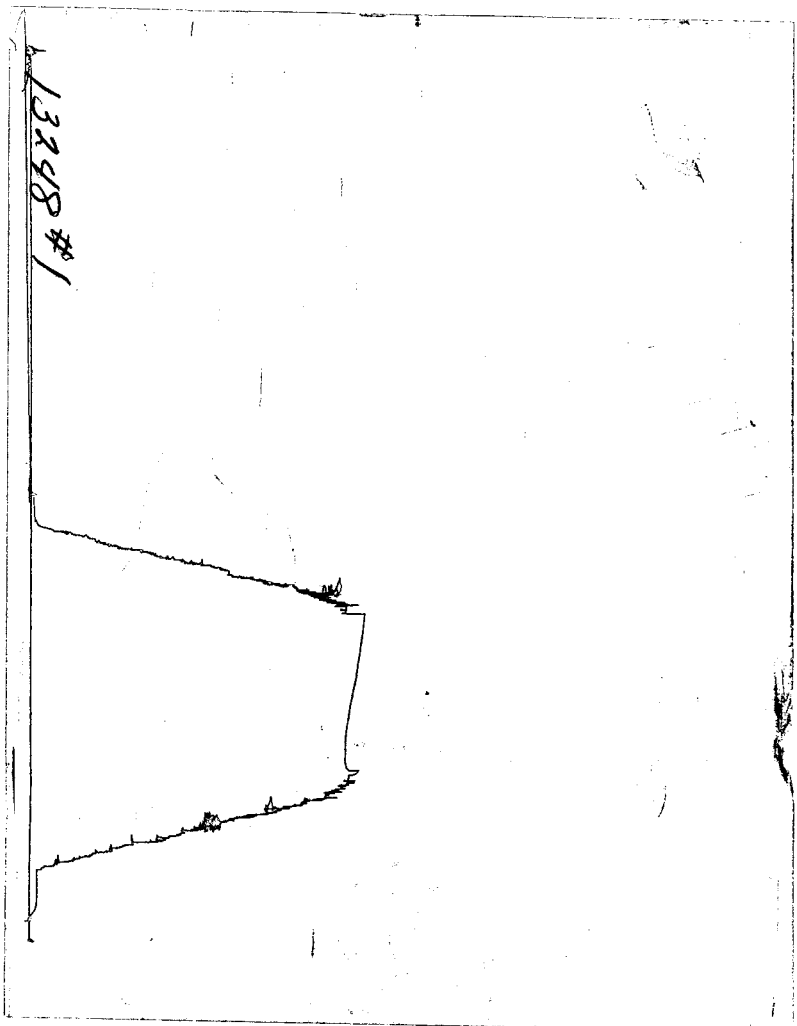
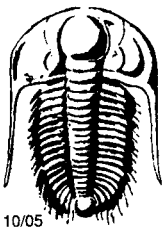


CHART PAGE

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TRILOBITE TESTING INC.

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25946

Test Ticket

Well Name & No. Schoenthaler #1 Test No. 2 Date 1-9-07
 Company Russell Oil Inc Zone Tested Arbuckle
 Address _____ Elevation 2106 KB 2098 GL _____
 Co. Rep / Geo. Todd Morgenstern Rig Seethwind #1
 Location: Sec. 35 Twp. 11 Rge. 20 Co. Ellis State KS
 Comment: _____ Release date / time: _____

Interval Tested 3708 ————— 3715 Initial Str Wt./Lbs. 36000 Unseated Str Wt./Lbs. 37000
 Anchor Length 7 Wt. Set Lbs. 29000 Wt. Pulled Loose/Lbs. 59000
 Top Packer Depth 3703 Tool Weight 2000
 Bottom Packer Depth 3708 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3715 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.2 LCM _____ Vis. 52 WL 7.6 Drill Pipe Size 4.5 XH Ft. Run 3687
 Blow Description I.F. Weak-building to 4 1/2"

I.F. Weak-building to 5"

Recovery - Total Feet 200 GIP 185 Ft. in DC _____ Ft. in DP 200
 Rec. 200 Feet of CLSYC 10 %gas 90 %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 116 °F Gravity _____ °API D @ _____ °F Corrected Gravity 30 °API _____
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 4900 ppm System _____

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		<u>1795</u>	PSI	Recorder No.	<u>6741</u>	Test <u>1100</u>
(B) First Initial Flow Pressure	<u>20</u>	<u>12</u>	PSI	(depth)	<u>3709</u>	Jars _____
(C) First Final Flow Pressure	<u>53</u>	<u>47</u>	PSI	Recorder No.	<u>13254</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1150</u>	<u>1143</u>	PSI	(depth)	<u>3712</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>58</u>	<u>50</u>	PSI	Recorder No.		Sampler _____
(F) Second Final Flow Pressure	<u>97</u>	<u>93</u>	PSI	(depth)		Straddle _____
(G) Final Shut-In Pressure	<u>1130</u>	<u>1126</u>	PSI	Initial Opening	<u>4.5</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1157</u>	PSI	Initial Shut-In	<u>60</u>	Shale Packer _____
				Final Flow	<u>60</u>	Ruined Packer _____
				Final Shut-In	<u>90</u>	Mileage <u>50 RT 62.5E</u>
				T-On Location	<u>09:30</u>	Sub Total: _____
				T-Started	<u>10:11</u>	Std. By <u>1hr</u>
				T-Open	<u>12:17</u>	Acc. Chg: _____
				T-Pulled	<u>16:32</u>	Other: <u>FACT Tool</u>
				T-Out	<u>18:26</u>	Total: _____

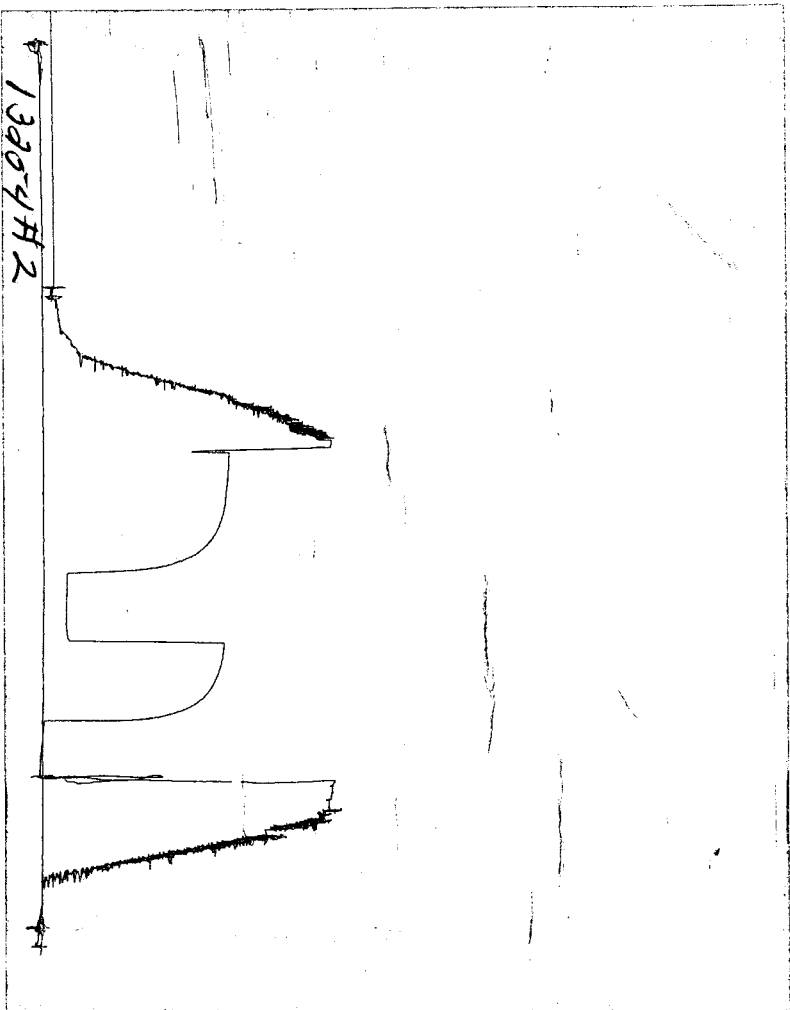
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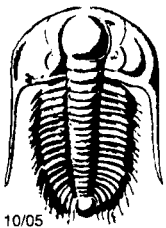
Approved By _____

Our Representative Dan Rangle

CHART PAGE

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TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

25947

Test Ticket

Well Name & No. Schoenthaler #1 Test No. 3 Date 1-10-07
 Company Russell Oil Inc Zone Tested Arbuckle
 Address _____ Elevation 2106 KB 2098 GL
 Co. Rep / Geo. Todd Morgenstern Rig Southwind #1
 Location: Sec. 35 Twp. 11 Rge. 20 Co. Ellis State KS
 Comment: _____ Release date / time: _____

Interval Tested 3709 ————— 3724 Initial Str Wt./Lbs. 36,000 Unseated Str Wt./Lbs. 40,200
 Anchor Length 15' Wt. Set Lbs. 20,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3704 Tool Weight 2000
 Bottom Packer Depth 3709 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3724 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.2 LCM 2# Vis. 52 WL 7.6 Drill Pipe Size 4.5XH Ft. Run 3687
 Blow Description I.F. Strong B-B in 8 min.

E.F. Strong B-B in 25 min.

Recovery - Total Feet 568 GIP 17.5 Ft. in DC _____ Ft. in DP 568
 Rec. 506 Feet of CL-500 10 %gas 90 %oil %water %mud
 Rec. 62 Feet of MCL-500 10 %gas 60 %oil %water 30 %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 Rec. _____ Feet of _____ %gas %oil %water %mud
 BHT 114 °F Gravity _____ °API D @ _____ °F Corrected Gravity 30 °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 5100 ppm System

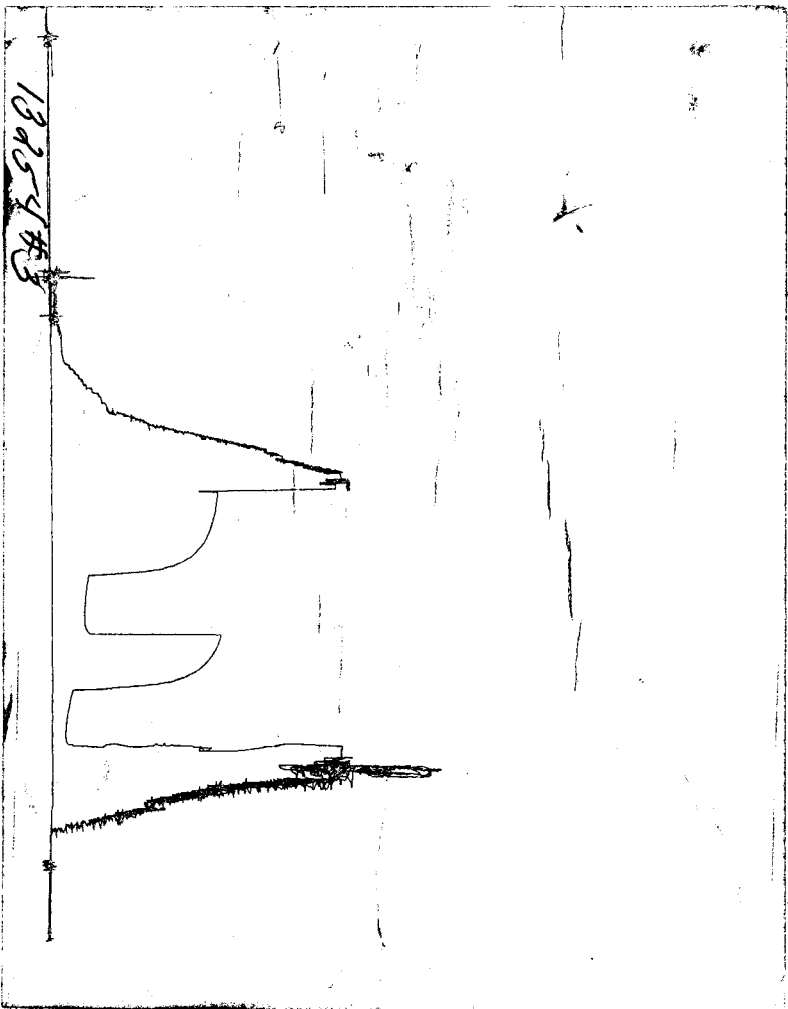
(A) Initial Hydrostatic Mud	AK-1	Alpine	1810	PSI	Recorder No.	6741	Test	1100
(B) First Initial Flow Pressure			2.3	PSI	(depth)	3710	Jars	
(C) First Final Flow Pressure			14.5	PSI	Recorder No.	1325-4	Safety Jt.	
(D) Initial Shut-In Pressure			1056	PSI	(depth)	3721	Circ Sub	
(E) Second Initial Flow Pressure			14.9	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure			2.34	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure			1030	PSI	Initial Opening	45	Ext. Packer	
(Q) Final Hydrostatic Mud			1778	PSI	Initial Shut-In	45	Shale Packer	
					Final Flow	45	Ruined Packer	
					Final Shut-In	60	Mileage	to RT 62.50
					T-On Location	01:30	Sub Total:	
					T-Started	02:00	Std. By/hr	100
					T-Open	04:32	Acc. Chg:	
					T-Pulled	07:47	Other:	Xact 200
					T-Out	10:34	Total:	

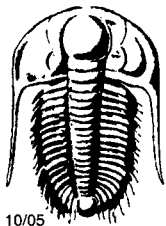
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Approved By _____
 Our Representative Don Bange

CHART PAGE

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TRILOBITE TESTING INC.

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25948

Test Ticket

Well Name & No. Schoenthaler #1 Test No. 4 Date 1-10-07
 Company Russell Oil Inc Zone Tested Arbuckle
 Address _____ Elevation 2106 KB 2098 GL
 Co. Rep / Geo. Todd Morgenstern Rig Seethwind #1
 Location: Sec. 35 Twp. 11 Rge. 20 Co. Ellis State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3727 ————— 3738 Initial Str Wt./Lbs. 36,000 Unseated Str Wt./Lbs. 36,000
 Anchor Length 11 Wt. Set Lbs. 29,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3722 Tool Weight 2200
 Bottom Packer Depth 3727 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3738 Wt. Pipe Run _____ Drill Collar Run _____
 Mud Wt. 9.2 LCM 2# Vis. 49 WL 8.4 Drill Pipe Size 4.5 X 14 Ft. Run 3717
 Blow Description I.F. Weak - building to 2"

I.F. Weak - building to 1/2"

Recovery - Total Feet 100 GIP _____ Ft. in DC _____ Ft. in DP 100
 Rec. 20 Feet of C0 %gas _____ %oil _____ %water _____ %mud _____
 Rec. 80 Feet of mdy LTR %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 116 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .12 @ 78 °F Chlorides 28,000 ppm Recovery _____ Chlorides 5200 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1833</u>	PSI	<u>6741</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>16</u>	PSI	<u>3728</u>	Jars _____
(C) First Final Flow Pressure	<u>40</u>	PSI	<u>13254</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1055</u>	PSI	<u>3735</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>49</u>	PSI		Sampler _____
(F) Second Final Flow Pressure	<u>60</u>	PSI		Straddle _____
(G) Final Shut-In Pressure	<u>1020</u>	PSI	<u>Initial Opening</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1761</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>ICRT 62.50</u>

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Approved By _____

Our Representative

Dan Bangle

T-On Location

T-Started 17:44
 T-Open 19:30
 T-Pulled 22:45
 T-Out 01:12

Std. By _____
 Acc. Chg: \$1162.50
 Other: Xact Tool
 Total: _____

CHART PAGE

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