



DRILL STEM TEST REPORT

Prepared For: **Barline Oil LLC.**

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

ATTN: Bill Ree

Ratliff Trust #1-16

16-2s-15w Smith,KS

Start Date: 2012.07.18 @ 04:25:00

End Date: 2012.07.18 @ 11:28:30

Job Ticket #: 47384 DST #: 1

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

Printed: 2012.07.26 @ 13:52:08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Barline Oil LLC.
7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207
ATTN: Bill Ree

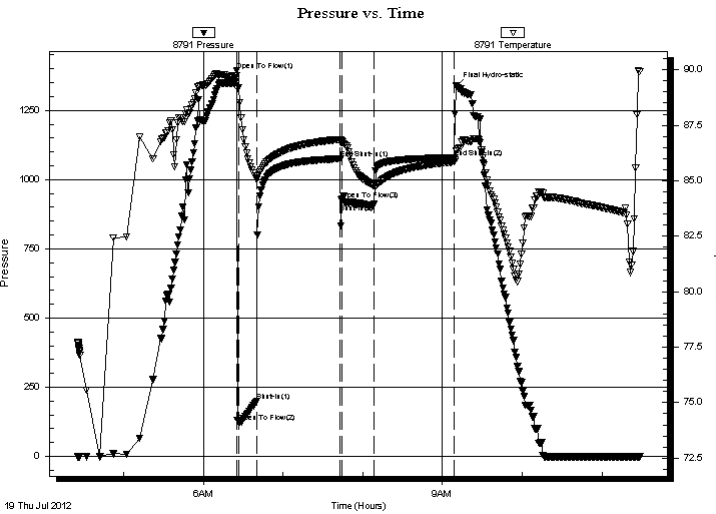
16-2s-15w Smith,KS
Ratliff Trust #1-16
Job Ticket: 47384 **DST#: 1**
Test Start: 2012.07.18 @ 04:25:00

GENERAL INFORMATION:

Formation: Topeka			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)	
Time Tool Opened: 06:25:00		Tester: Chuck Kreuzer Jr.	
Time Test Ended: 11:28:30		Unit No: 61	
Interval: 2813.00 ft (KB) To 2844.00 ft (KB) (TVD)		Reference Elevations: 1995.00 ft (KB)	
Total Depth: 2844.00 ft (KB) (TVD)		1990.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 5.00 ft	

Serial #: 8791	Inside				
Press @ Run Depth: 199.16 psig @ 2814.00 ft (KB)		Capacity: 8000.00 psig			
Start Date: 2012.07.19	End Date: 2012.07.19	Last Calib.: 2012.07.18			
Start Time: 04:25:05	End Time: 11:28:29	Time On Btm:			
		Time Off Btm: 2012.07.19 @ 09:10:30			

TEST COMMENT: IF: Strong blow , Built to B.O.B in 2 mins.
IS: No blow back over 60 mins.
FF: Fair blow , After 5 mins. Built to 7 in. over 30 mins.
FS: NO blow back over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1394.30	89.74	Open To Flow (1)
2	124.68	89.19	Open To Flow (2)
15	199.16	85.06	Shut-In(1)
78	1075.28	86.85	End Shut-In(1)
79	925.42	86.79	Open To Flow (3)
104	911.12	84.78	Shut-In(2)
164	1079.13	85.85	End Shut-In(2)
166	1337.31	86.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	mcw -10% m90% w	0.60
340.00	mcw -30% m70% w	4.77
62.00	w cm -40% w 60% m	0.87
30.00	w cm-w ithoil specs -20% w 80% m	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207

Ratliff Trust #1-16

Job Ticket: 47384

DST#: 1

ATTN: Bill Ree

Test Start: 2012.07.18 @ 04:25:00

Tool Information

Drill Pipe:	Length: 2687.00 ft	Diameter: 3.80 inches	Volume: 37.69 bbl	Tool Weight: 2600.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 38000.00 lb
			<u>Total Volume: 38.29 bbl</u>	Tool Chased 20.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	2813.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	59.00 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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Shut In Tool	5.00			2790.00	
Hydraulic tool	5.00			2795.00	
Jars	5.00			2800.00	
Safety Joint	3.00			2803.00	
Packer	5.00			2808.00	28.00 Bottom Of Top Packer
Packer	5.00			2813.00	
Stubb	1.00			2814.00	
Recorder	0.00	8791	Inside	2814.00	
Recorder	0.00	8673	Outside	2814.00	
Perforations	27.00			2841.00	
Bullnose	3.00			2844.00	31.00 Bottom Packers & Anchor

Total Tool Length: 59.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207

Ratliff Trust #1-16

Job Ticket: 47384

DST#: 1

ATTN: Bill Ree

Test Start: 2012.07.18 @ 04:25:00

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:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
122.00	mcw -10%m90%w	0.600
340.00	mcw -30%m70%w	4.769
62.00	w cm-40%w 60%m	0.870
30.00	w cm-w ithoil specs-20%w 80%m	0.421

Total Length: 554.00 ft

Total Volume: 6.660 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8791

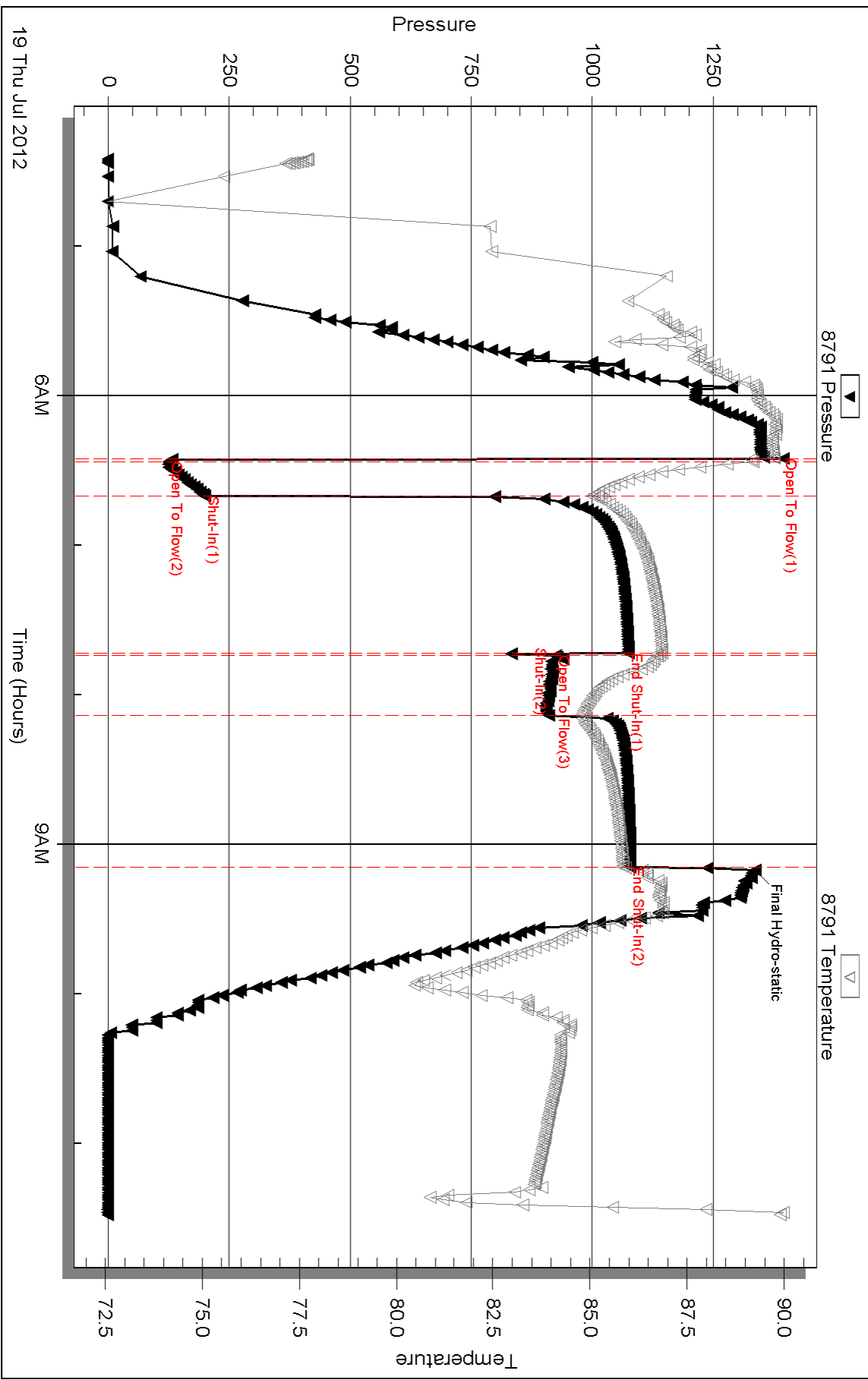
Inside

Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 1

Pressure vs. Time

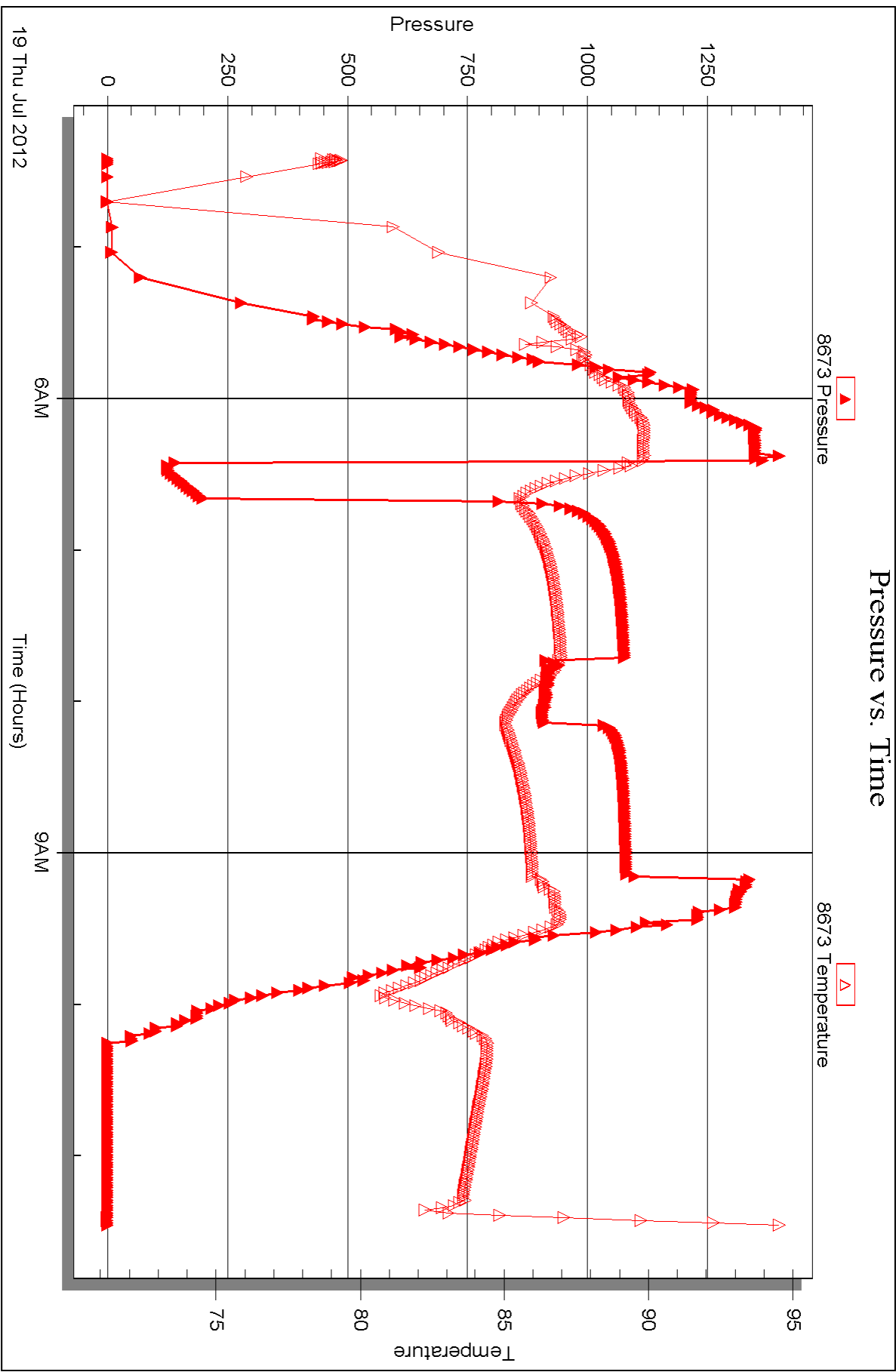


Serial #: 8673

Outside Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Barline Oil LLC.**

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

ATTN: Bill Ree

Ratliff Trust #1-16

16-2s-15w Smith,KS

Start Date: 2012.07.19 @ 02:55:00

End Date: 2012.07.19 @ 08:25:00

Job Ticket #: 47385 DST #: 2

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

Printed: 2012.07.26 @ 13:51:11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207

Ratliff Trust #1-16

Job Ticket: 47385

DST#: 2

ATTN: Bill Ree

Test Start: 2012.07.19 @ 02:55:00

Tool Information

Drill Pipe:	Length: 2907.00 ft	Diameter: 3.80 inches	Volume: 40.78 bbl	Tool Weight: 2600.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 32000.00 lb
			<u>Total Volume: 41.38 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3048.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 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
Shut In Tool	5.00			3025.00	
Hydraulic tool	5.00			3030.00	
Jars	5.00			3035.00	
Safety Joint	3.00			3038.00	
Packer	5.00			3043.00	28.00 Bottom Of Top Packer
Packer	5.00			3048.00	
Stubb	1.00			3049.00	
Perforations	2.00			3051.00	
Change Over Sub	1.00			3052.00	
Recorder	0.00	8791	Inside	3052.00	
Recorder	0.00	8673	Outside	3052.00	
Drill Pipe	31.00			3083.00	
Change Over Sub	1.00			3084.00	
Perforations	5.00			3089.00	
Bullnose	3.00			3092.00	44.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207

Ratliff Trust #1-16

Job Ticket: 47385

DST#: 2

ATTN: Bill Ree

Test Start: 2012.07.19 @ 02:55:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud-100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8791

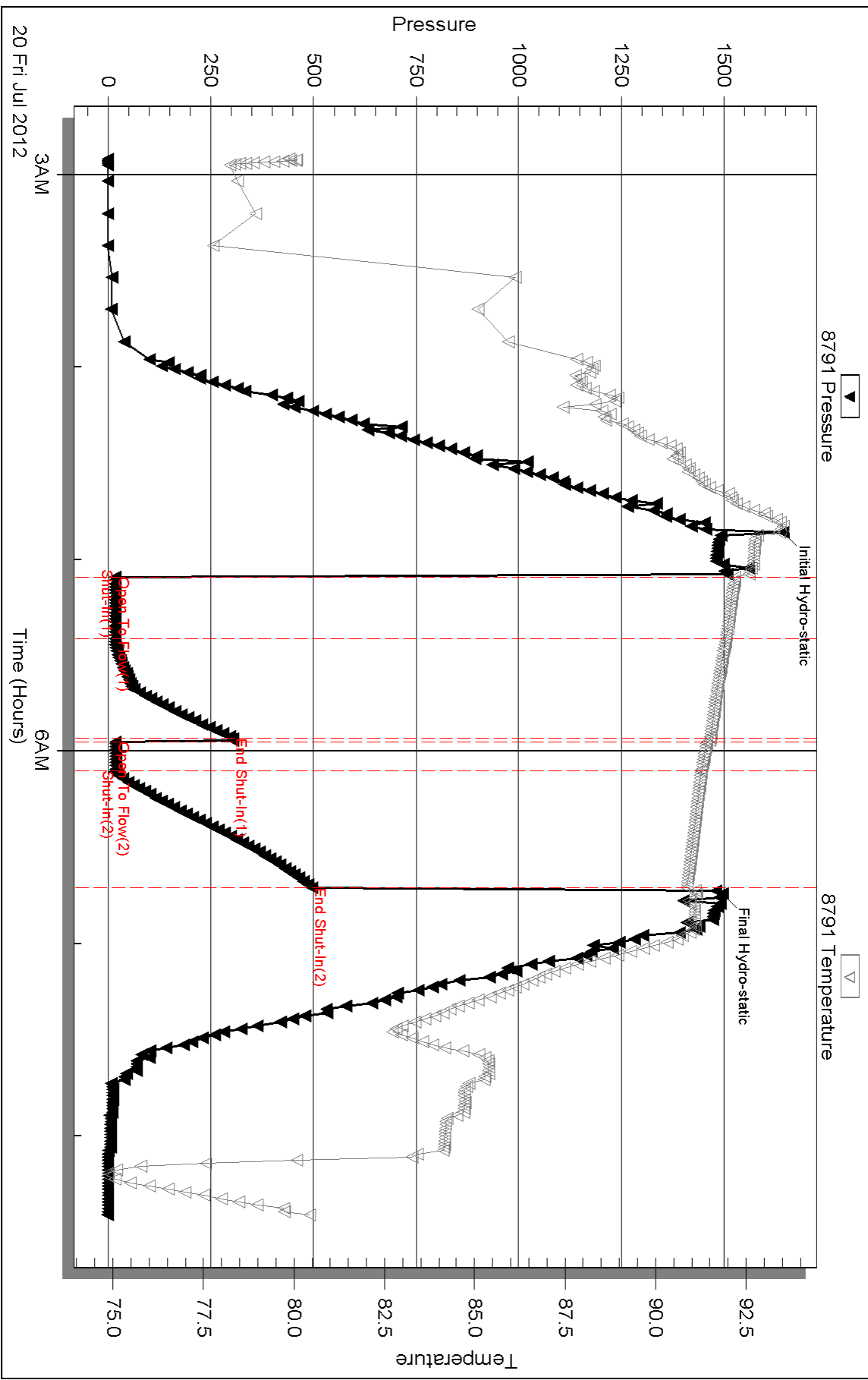
Inside

Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 2

Pressure vs. Time

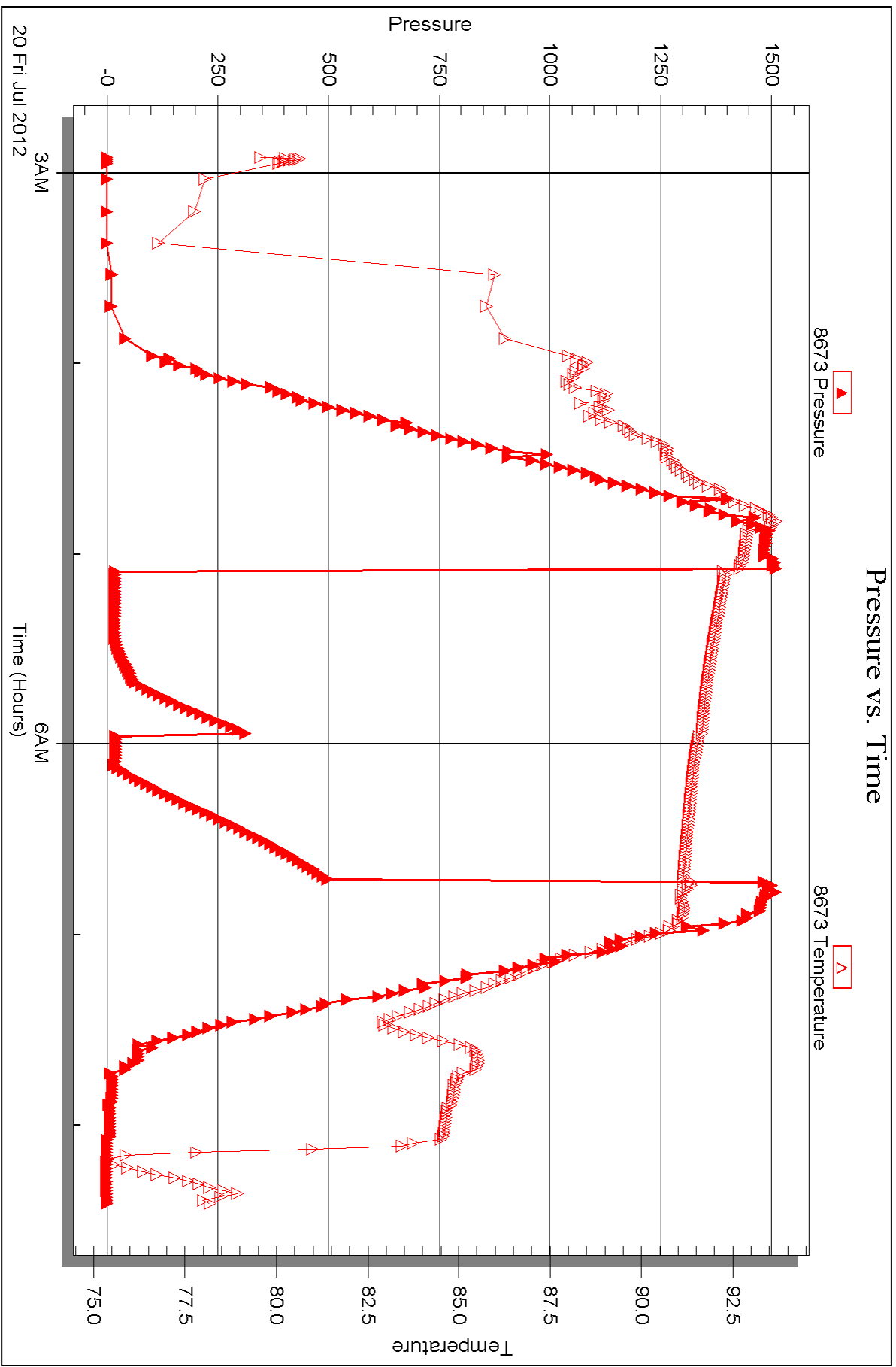


Serial #: 8673

Outside Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Barline Oil LLC.**

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

ATTN: Bill Ree

Ratliff Trust #1-16

16-2s-15w Smith,KS

Start Date: 2012.07.19 @ 15:05:00

End Date: 2012.07.19 @ 19:29:30

Job Ticket #: 47386 DST #: 3

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

Printed: 2012.07.26 @ 13:50:09



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Barline Oil LLC.
7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207
ATTN: Bill Ree

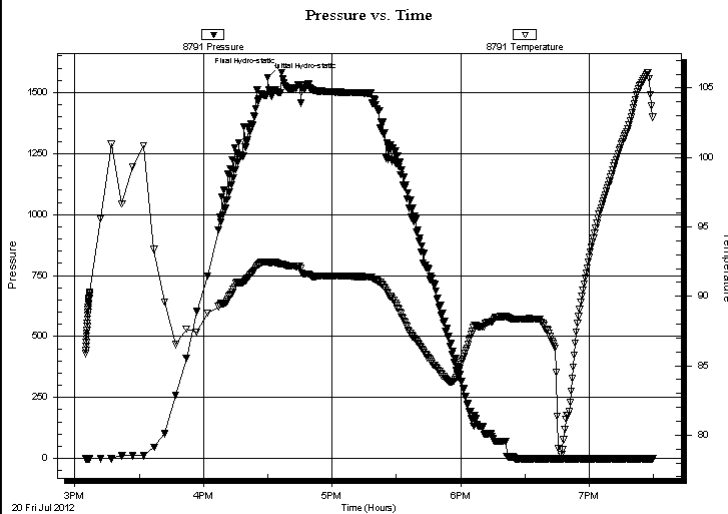
16-2s-15w Smith,KS
Ratliff Trust #1-16
Job Ticket: 47386 **DST#: 3**
Test Start: 2012.07.19 @ 15:05:00

GENERAL INFORMATION:

Formation: **LKC-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 19:29:30
Interval: 3091.00 ft (KB) To 3130.00 ft (KB) (TVD)
Total Depth: 3130.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreuzer Jr.
Unit No: 61
Reference Elevations: 1995.00 ft (KB)
1990.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8791 Inside
Press @ Run Depth: psig @ 3092.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.20 End Date: 2012.07.20 Last Calib.: 2012.07.19
Start Time: 15:05:05 End Time: 19:29:29 Time On Btm: 2012.07.20 @ 16:30:00
Time Off Btm: 2012.07.20 @ 16:36:30

TEST COMMENT: ----Slid 15 Ft.--- Still 6 ft. from bottom, Tool opened, Couldn't get to bottom..



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1563.02	92.48	Initial Hydro-static
7	1582.72	92.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

Ratliff Trust #1-16

Job Ticket: 47386

DST#: 3

ATTN: Bill Ree

Test Start: 2012.07.19 @ 15:05:00

Tool Information

Drill Pipe:	Length: 2966.00 ft	Diameter: 3.80 inches	Volume: 41.61 bbl	Tool Weight: 2600.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 32000.00 lb
			<u>Total Volume: 42.21 bbl</u>	Tool Chased 15.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3091.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 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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Shut In Tool	5.00			3068.00	
Hydraulic tool	5.00			3073.00	
Jars	5.00			3078.00	
Safety Joint	3.00			3081.00	
Packer	5.00			3086.00	28.00 Bottom Of Top Packer
Packer	5.00			3091.00	
Stubb	1.00			3092.00	
Recorder	0.00	8791	Inside	3092.00	
Recorder	0.00	8673	Outside	3092.00	
Perforations	35.00			3127.00	
Bullnose	3.00			3130.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207

Ratliff Trust #1-16

Job Ticket: 47386

DST#: 3

ATTN: Bill Ree

Test Start: 2012.07.19 @ 15:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length: ft Total Volume: bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

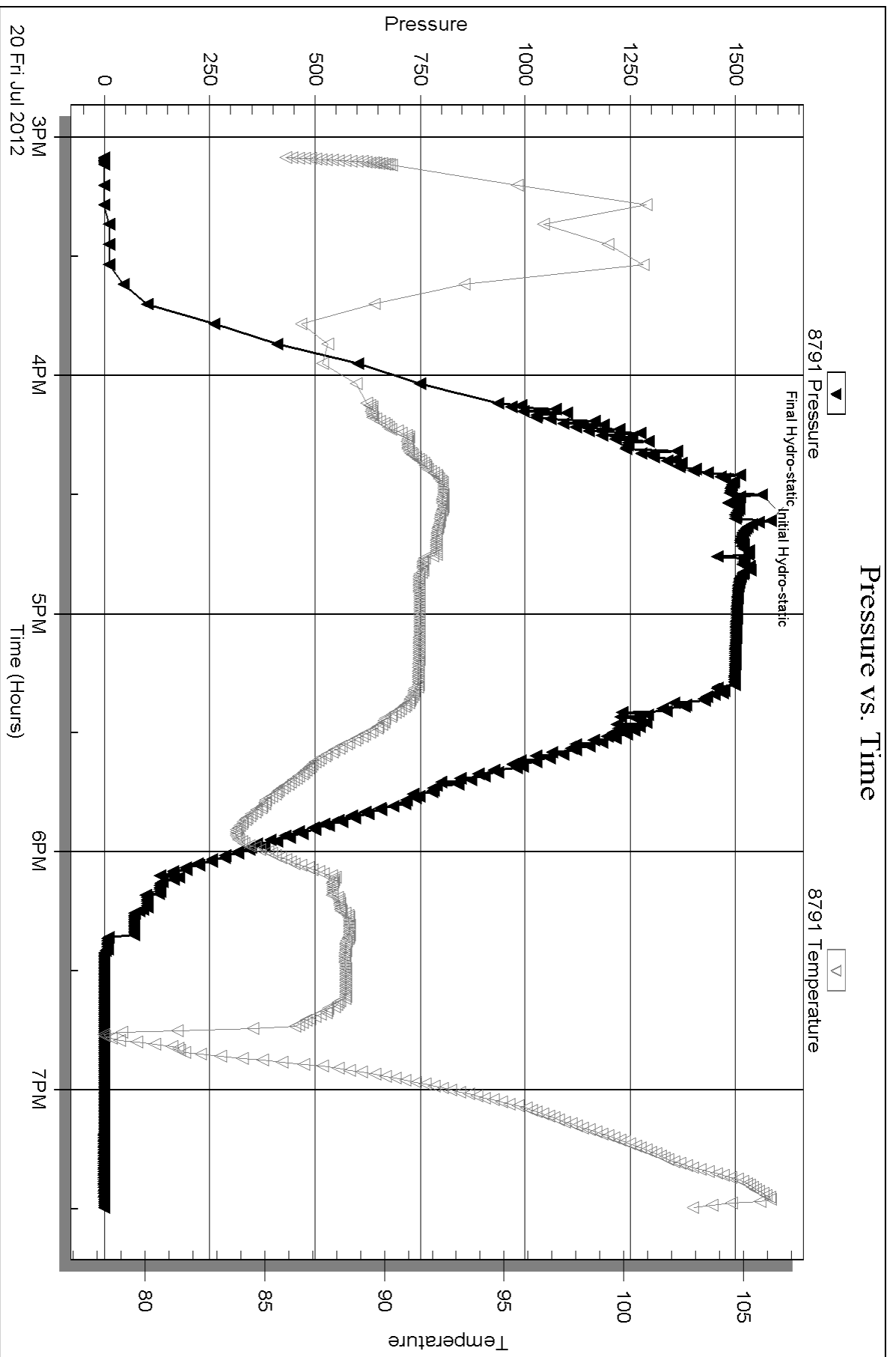
Serial #: 8791

Inside

Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 3

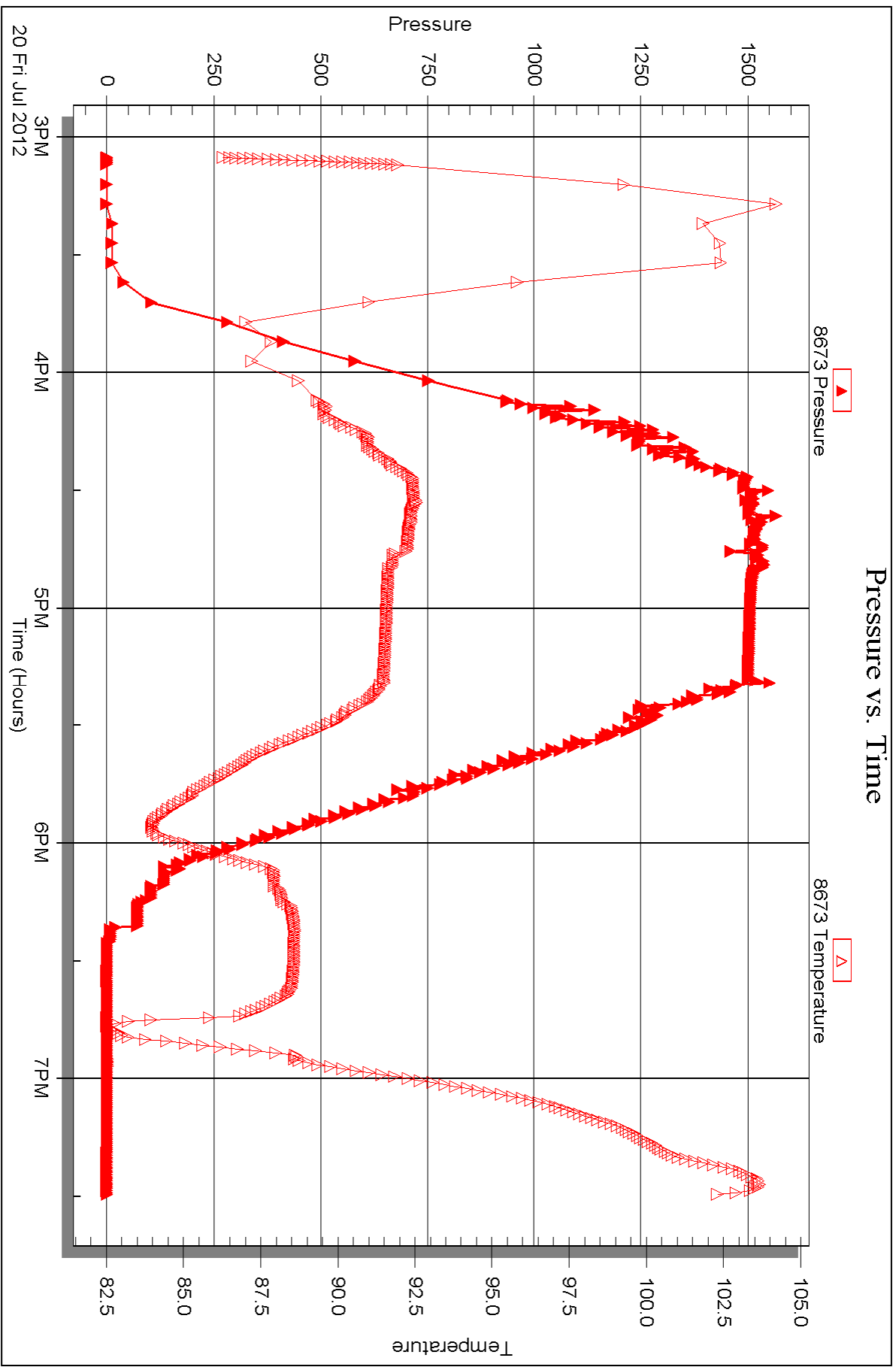


Serial #: 8673

Outside Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Barline Oil LLC.**

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

ATTN: Bill Ree

Ratliff Trust #1-16

16-2s-15w Smith,KS

Start Date: 2012.07.21 @ 00:10:05

End Date: 2012.07.21 @ 05:01:59

Job Ticket #: 47387 DST #: 4

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

Printed: 2012.07.26 @ 13:49:17

Barline Oil LLC.
16-2s-15w Smith,KS
Ratliff Trust #1-16
DST # 4
LKC-A
2012.07.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Barline Oil LLC.
7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207
ATTN: Bill Ree

16-2s-15w Smith,KS
Ratliff Trust #1-16
Job Ticket: 47387 **DST#: 4**
Test Start: 2012.07.21 @ 00:10:05

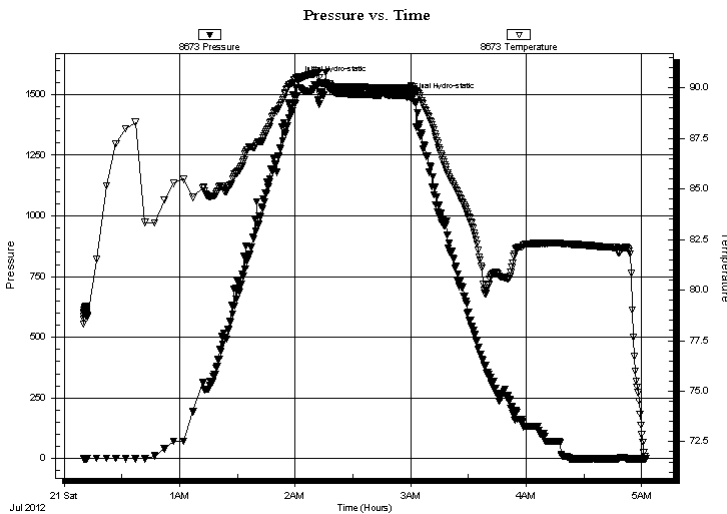
GENERAL INFORMATION:

Formation: **LKC-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened:
Time Test Ended: 05:01:59
Interval: **3091.00 ft (KB) To 3130.00 ft (KB) (TVD)**
Total Depth: 3130.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreutzer Jr.
Unit No: 61
Reference Elevations: 1995.00 ft (KB)
1990.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8673 Outside

Press @ Run Depth: psig @ 3092.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.21 End Date: 2012.07.21 Last Calib.: 2012.07.20
Start Time: 00:10:05 End Time: 05:01:59 Time On Btm: 2012.07.21 @ 02:01:30
Time Off Btm: 2012.07.21 @ 02:58:00

TEST COMMENT: -----Ran packers in same spot as Dst #3 - Packers didn't hold.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1558.74	90.54	Initial Hydro-static
57	1487.51	89.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	mud-100%	3.24

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207

Ratliff Trust #1-16

Job Ticket: 47387

DST#: 4

ATTN: Bill Ree

Test Start: 2012.07.21 @ 00:10:05

Tool Information

Drill Pipe:	Length: 2966.00 ft	Diameter: 3.80 inches	Volume: 41.61 bbl	Tool Weight: 2600.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: 42.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3091.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3068.00	
Hydraulic tool	5.00			3073.00	
Jars	5.00			3078.00	
Safety Joint	3.00			3081.00	
Packer	5.00			3086.00	28.00 Bottom Of Top Packer
Packer	5.00			3091.00	
Stubb	1.00			3092.00	
Recorder	0.00	8791	Inside	3092.00	
Recorder	0.00	8673	Outside	3092.00	
Perforations	35.00			3127.00	
Bullnose	3.00			3130.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207

Ratliff Trust #1-16

Job Ticket: 47387

DST#: 4

ATTN: Bill Ree

Test Start: 2012.07.21 @ 00:10:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	mud-100%	3.237

Total Length: 310.00 ft Total Volume: 3.237 bbl

Num Fluid Samples: 0

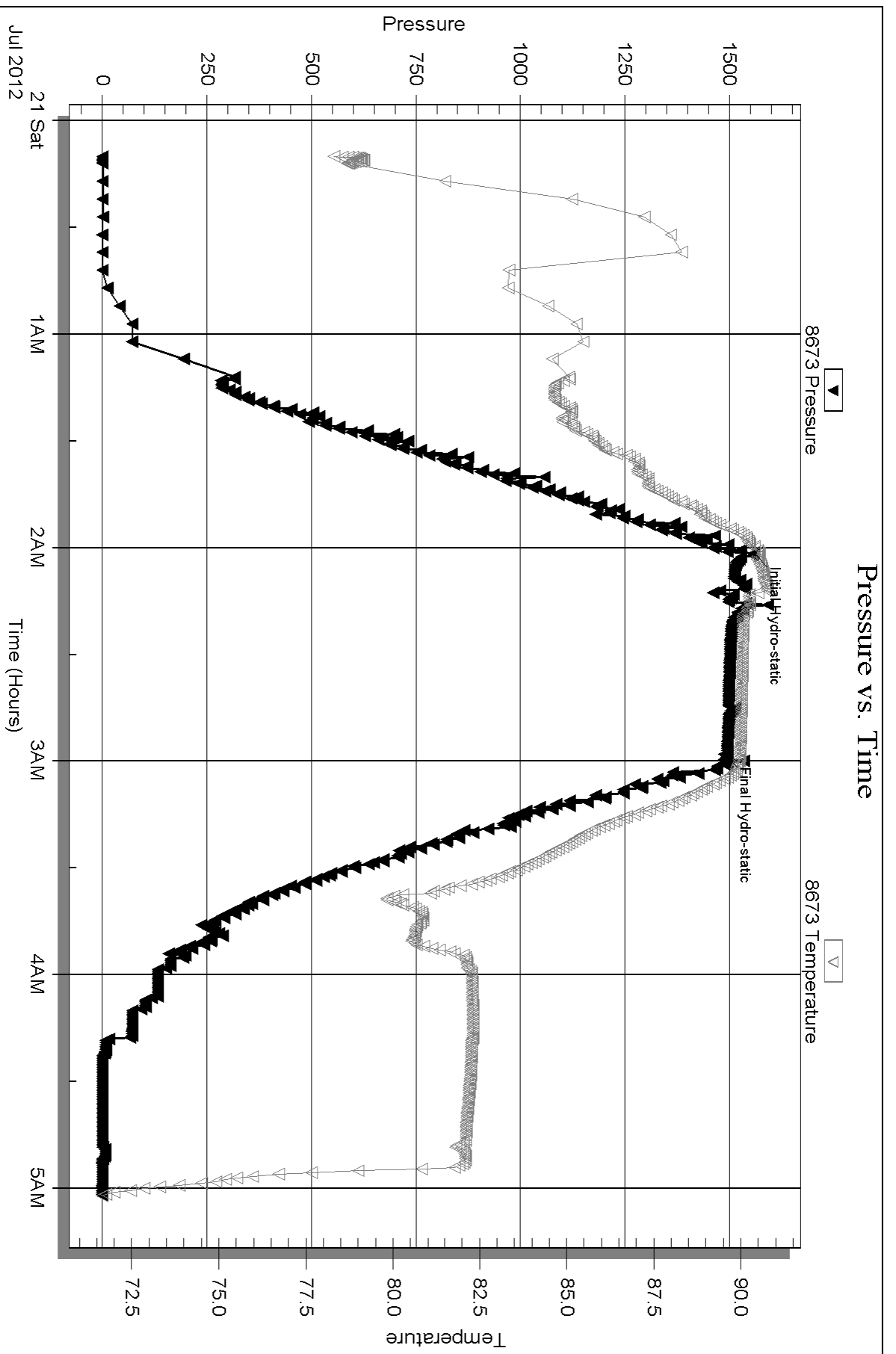
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



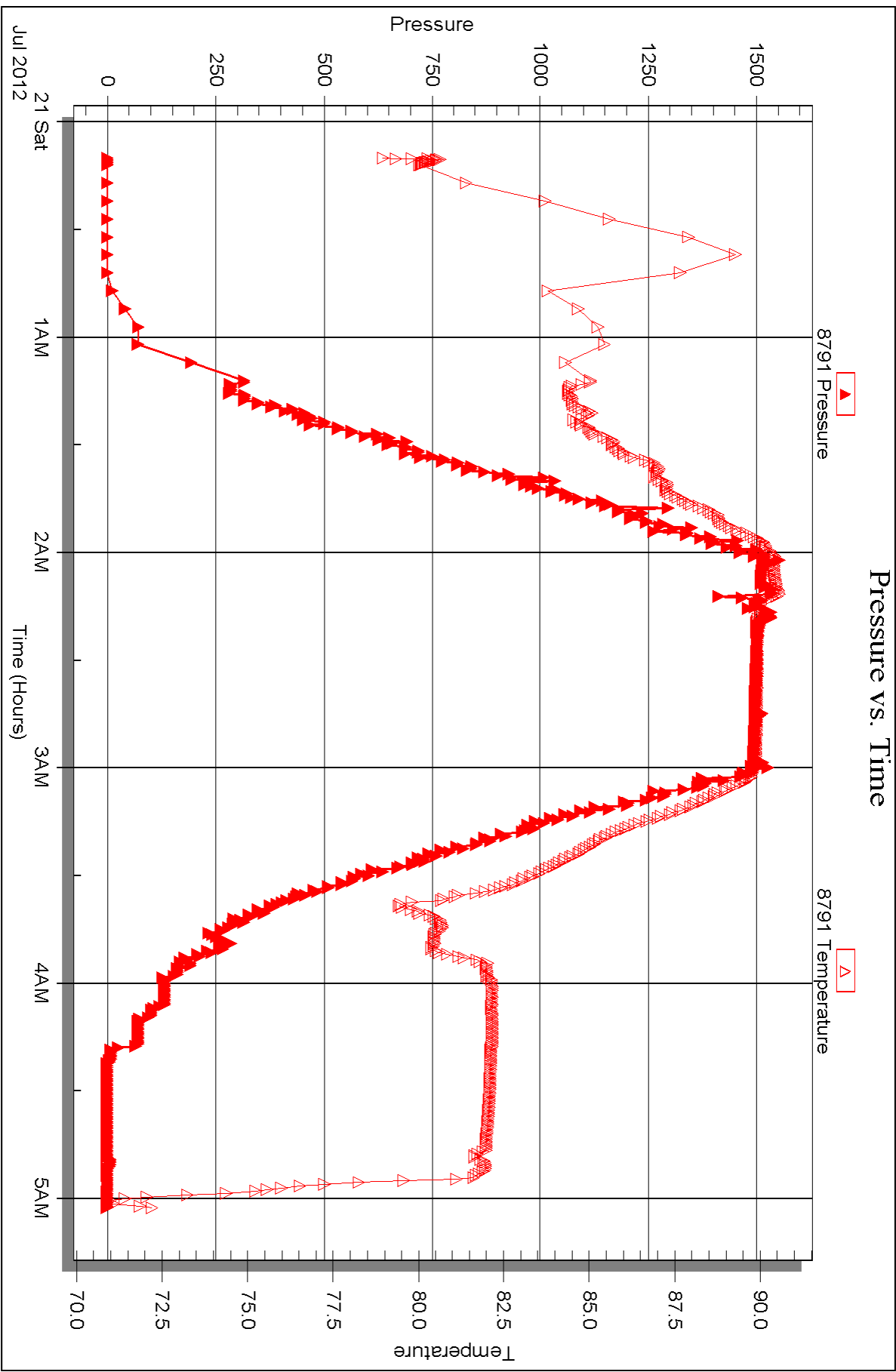
Serial #: 8791

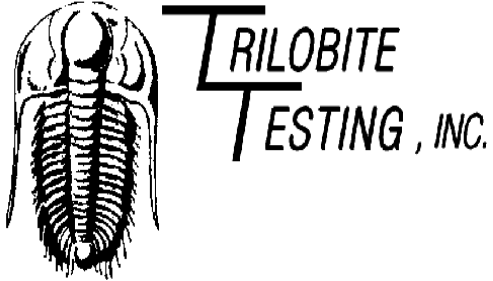
Inside

Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Barline Oil LLC.**

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

ATTN: Bill Ree

Ratliff Trust #1-16

16-2s-15w Smith,KS

Start Date: 2012.07.20 @ 05:30:00

End Date: 2012.07.20 @ 11:24:30

Job Ticket #: 47388 DST #: 5

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

Printed: 2012.07.26 @ 13:48:05

Barline Oil LLC.
16-2s-15w Smith,KS
Ratliff Trust #1-16
DST # 5
LKC-A
2012.07.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Barline Oil LLC.
7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207
ATTN: Bill Ree

16-2s-15w Smith,KS
Ratliff Trust #1-16
Job Ticket: 47388 **DST#: 5**
Test Start: 2012.07.20 @ 05:30:00

GENERAL INFORMATION:

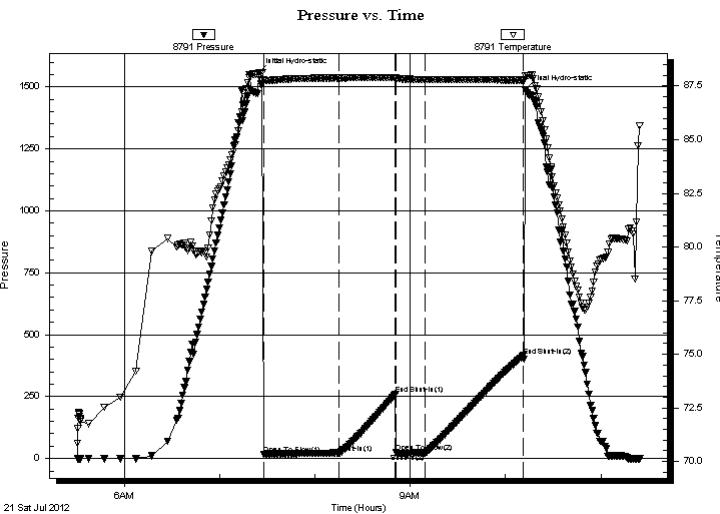
Formation: **LKC-A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:27:30
Time Test Ended: 11:24:30
Interval: **3046.00 ft (KB) To 3130.00 ft (KB) (TVD)**
Total Depth: 3130.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1995.00 ft (KB)
1990.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: Chuck Kreuzer Jr.
Unit No: 61

Serial #: 8791

Inside

Press @ RunDepth: 22.44 psig @ 3048.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.07.21 End Date: 2012.07.21 Last Calib.: 2012.07.20
Start Time: 05:30:05 End Time: 11:24:29 Time On Btm: 2012.07.21 @ 07:24:30
Time Off Btm: 2012.07.21 @ 10:12:30

TEST COMMENT: IF: Weak surface blow , Died in 15 mins
IS: No blow back over 60 mins.
FF: No blow
FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1559.17	88.10	Initial Hydro-static
3	18.22	87.78	Open To Flow (1)
51	22.92	87.88	Shut-In(1)
86	261.05	87.91	End Shut-In(1)
87	24.36	87.77	Open To Flow (2)
105	22.44	87.80	Shut-In(2)
167	414.80	87.77	End Shut-In(2)
168	1488.10	87.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	mud w ith oil specs	0.04

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

Ratliff Trust #1-16

Job Ticket: 47388

DST#: 5

ATTN: Bill Ree

Test Start: 2012.07.20 @ 05:30:00

Tool Information

Drill Pipe:	Length: 2905.00 ft	Diameter: 3.80 inches	Volume: 40.75 bbl	Tool Weight: 2600.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 35000.00 lb
			<u>Total Volume: 41.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3046.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	112.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3023.00	
Hydraulic tool	5.00			3028.00	
Jars	5.00			3033.00	
Safety Joint	3.00			3036.00	
Packer	5.00			3041.00	28.00 Bottom Of Top Packer
Packer	5.00			3046.00	
Stubb	1.00			3047.00	
Perforations	1.00			3048.00	
Recorder	0.00	8791	Inside	3048.00	
Recorder	0.00	8673	Outside	3048.00	
Change Over Sub	1.00			3049.00	
Drill Pipe	62.00			3111.00	
Change Over Sub	1.00			3112.00	
Perforations	15.00			3127.00	
Bullnose	3.00			3130.00	84.00 Bottom Packers & Anchor

Total Tool Length: 112.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Barline Oil LLC.
7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207
ATTN: Bill Ree

16-2s-15w Smith,KS
Ratliff Trust #1-16
Job Ticket: 47388 **DST#: 5**
Test Start: 2012.07.20 @ 05:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

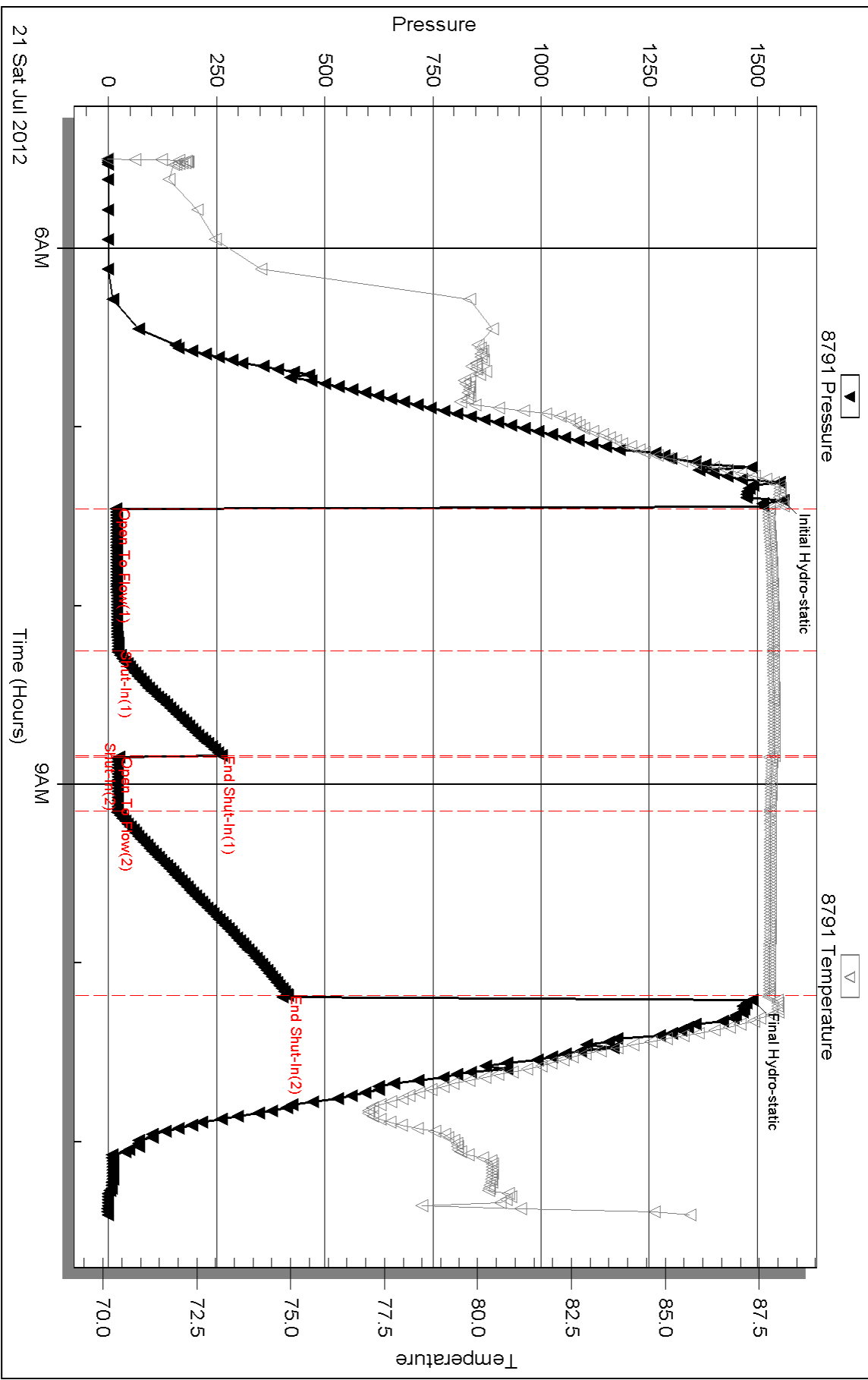
Recovery Information

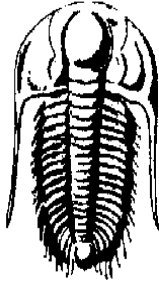
Recovery Table

Length ft	Description	Volume bbl
8.00	mud w ith oil specs	0.039

Total Length: 8.00 ft Total Volume: 0.039 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: **Barline Oil LLC.**

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

ATTN: Bill Ree

Ratliff Trust #1-16

16-2s-15w Smith,KS

Start Date: 2012.07.20 @ 20:00:00

End Date: 2012.07.21 @ 03:04:30

Job Ticket #: 47389 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.26 @ 13:47:12

Barline Oil LLC.
16-2s-15w Smith,KS
Ratliff Trust #1-16
DST # 6
LKC-C
2012.07.20



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Barline Oil LLC.

16-2s-15w Smith,KS

7804 E. Funston, STE. 209
2102 Dalton Witchita KS 67207

Ratliff Trust #1-16

Job Ticket: 47389

DST#: 6

ATTN: Bill Ree

Test Start: 2012.07.20 @ 20:00:00

Tool Information

Drill Pipe:	Length: 3027.00 ft	Diameter: 3.80 inches	Volume: 42.46 bbl	Tool Weight: 2600.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 36000.00 lb
			<u>Total Volume: 43.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3147.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	61.00 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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Shut In Tool	5.00			3124.00	
Hydraulic tool	5.00			3129.00	
Jars	5.00			3134.00	
Safety Joint	3.00			3137.00	
Packer	5.00			3142.00	28.00 Bottom Of Top Packer
Packer	5.00			3147.00	
Stubb	1.00			3148.00	
Recorder	0.00	8791	Inside	3148.00	
Recorder	0.00	8673	Outside	3148.00	
Perforations	29.00			3177.00	
Bullnose	3.00			3180.00	33.00 Bottom Packers & Anchor

Total Tool Length: 61.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Barline Oil LLC.
7804 E. Funston, STE. 209
2102 Dalton Wichita KS 67207
ATTN: Bill Ree

16-2s-15w Smith,KS
Ratliff Trust #1-16
Job Ticket: 47389 **DST#: 6**
Test Start: 2012.07.20 @ 20:00:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w iyh oil specs- Oil specs in tool	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8791

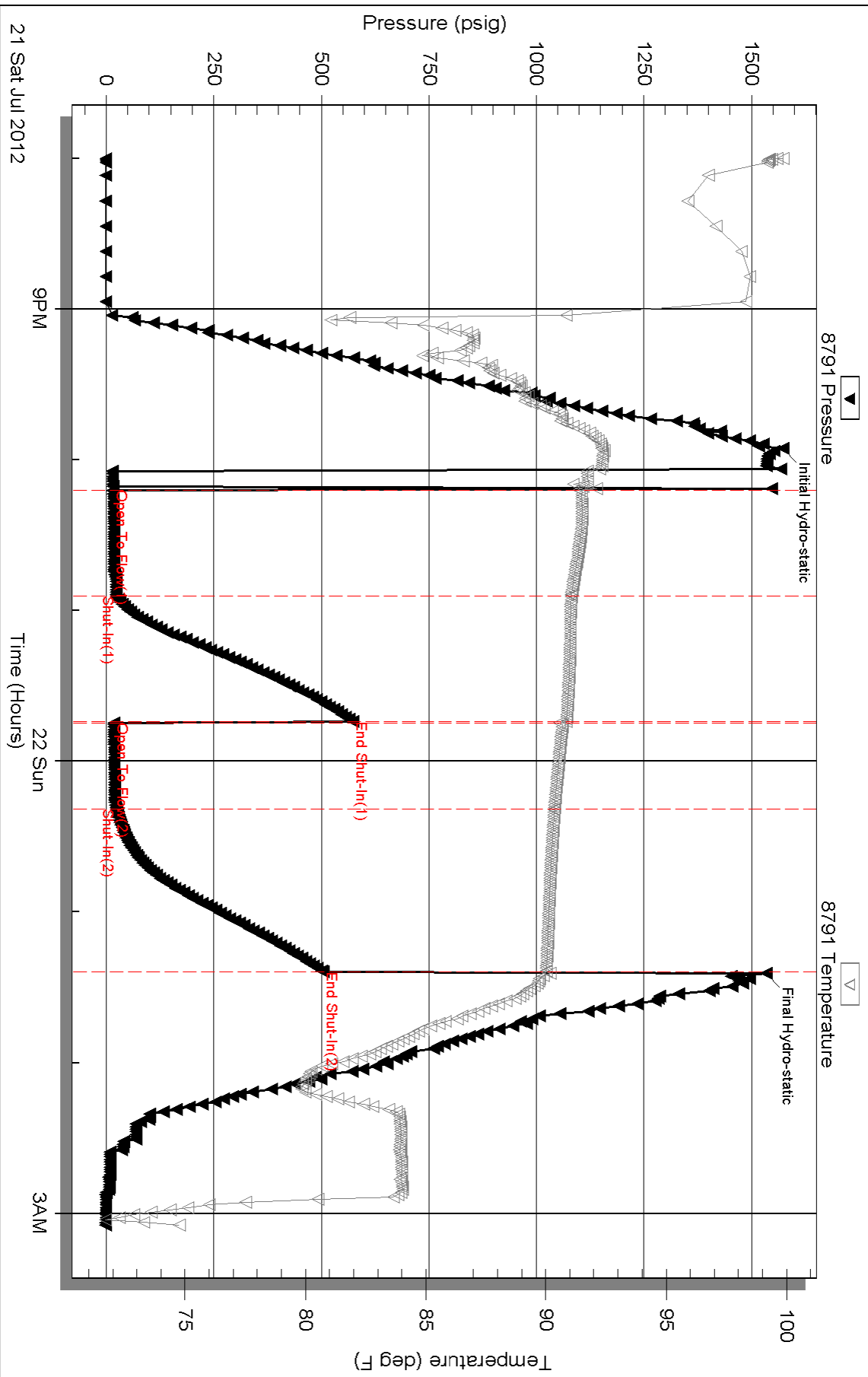
Inside

Barline Oil LLC.

Ratliff Trust #1-16

DST Test Number: 6

Pressure vs. Time

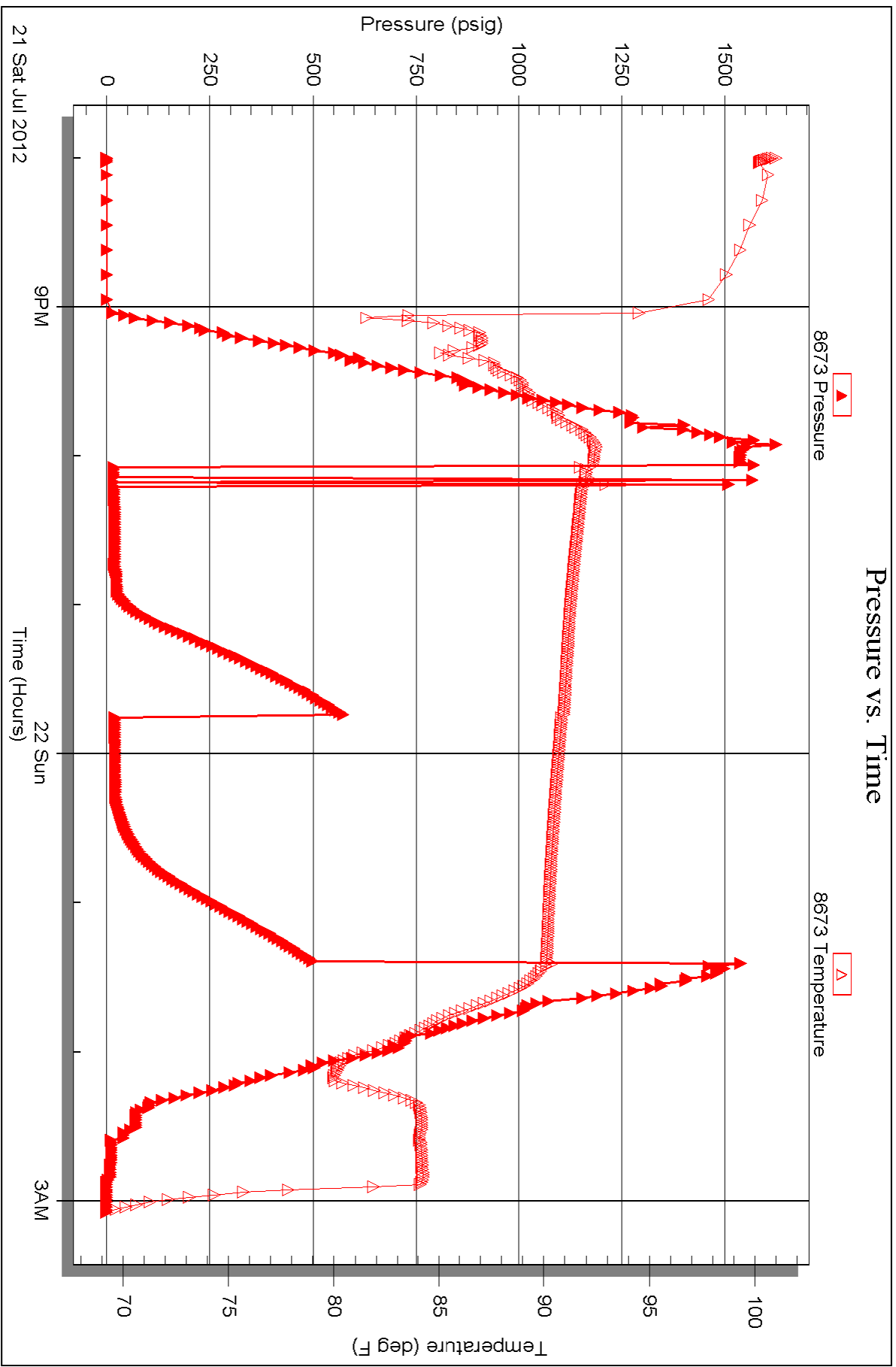


Serial #: 8673

Outside Barline Oil LLC.

Ratlift Trust #1-16

DST Test Number: 6



Triobite Testing, Inc

Ref. No: 47389

Printed: 2012.07.26 @ 13:47:15



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47384

Well Name & No. Ratliff Trust #1-16 Test No. 1 Date 7-19-02
 Company Barline Oil, LLC Elevation 1995 KB 1990 GL
 Address 7804 E. Funston, Ste 209 2103 Dalton Wichita KS 67207
 Co. Rep / Geo. Bill Ree Rig WV-#12
 Location: Sec. 16 Twp. 2S Rge. 15W Co. Smith State Ks

Interval Tested 2813 2844 Zone Tested Topeka
 Anchor Length 31 Drill Pipe Run 2687 Mud Wt. 8.9
 Top Packer Depth 2808 Drill Collars Run 122 Vis 52
 Bottom Packer Depth 2813 Wt. Pipe Run -0 WL 8.0
 Total Depth 2844 Chlorides 600 ppm System LCM 3#

Blow Description IF: Strong blow, Built to B.O.B. in 2 mins
ISI: No blow back
FF: Fair blow After 5mins built to 7in over 30mins.
FSI: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>Feet of MCW WCM with oil specs</u>		<u>20</u>	<u>80</u>	
<u>62</u>	<u>Feet of WCM</u>		<u>40</u>	<u>60</u>	
<u>340</u>	<u>Feet of MCW</u>		<u>70</u>	<u>30</u>	
<u>122</u>	<u>Feet of MCW</u>		<u>90</u>	<u>10</u>	

Rec Total 524 BHT 85.9 Gravity API RW .15 @ 70 °F Chlorides 42,000 ppm

(A) Initial Hydrostatic	<u>1394</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>3:00</u>
(B) First Initial Flow	<u>125</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>4:25</u>
(C) First Final Flow	<u>199</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>6:25</u>
(D) Initial Shut-In	<u>1075</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>9:08</u>
(E) Second Initial Flow	<u>925</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>11:28</u>
(F) Second Final Flow	<u>911</u>	<input checked="" type="checkbox"/> Mileage	<u>90x2=180x1.55= 279</u>	Comments	<u>They would be told to shut off hole at 3:00pm Not out till 4:30am</u>
(G) Final Shut-In	<u>1079</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1337</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>15</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>60</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Day Standby		Total	<u>1754</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1754</u>		

Approved By Bill Ree Our Representative Chuck [Signature]

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47385

Well Name & No. Ratliff Trust # 1-16 Test No. 2 Date 7-20-2012
 Company Barlin oil, LLC, Elevation 1995 KB 1990 GL
 Address 7804 E. Funston, Ste. 209 2103 Dalton Wichita Ks. 67207
 Co. Rep / Geo. Bill Ree Rig Wm #12
 Location: Sec. 16 Twp. 25 Rge. 15W Co. Smith State Ks.

Interval Tested 3048 3092 Zone Tested OKC to T&P
 Anchor Length 44 Drill Pipe Run 2907 Mud Wt. 8.9
 Top Packer Depth 3043 Drill Collars Run 122 Vis 55
 Bottom Packer Depth 3048 Wt. Pipe Run 0 WL 8.8
 Total Depth 3092 Chlorides 1000 ppm System LCM 3#

Blow Description IF: Weak blow, Died in 5 mins.

ISI: No blow back

FF: No blow

FST: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</u>			<u>100</u>	

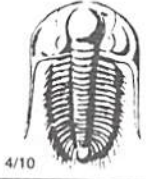
Rec Total 5 BHT 91 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1644</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>2:20</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>2:55</u>
(C) First Final Flow <u>17</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>5:05</u>
(D) Initial Shut-In <u>304</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>6:35</u>
(E) Second Initial Flow <u>18</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>8:25</u>
(F) Second Final Flow <u>18</u>	<input checked="" type="checkbox"/> Mileage <u>90x2 = 180x155</u> 279	Comments _____
(G) Final Shut-In <u>497</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1497</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>15</u>	<input type="checkbox"/> Day Standby	Total <u>1754</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1754</u>	

Approved By _____

Our Representative Chuck Meyer

TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47386

Well Name & No. Ratliff Trust #1-16 Test No. 3 Date 7-20-2012
 Company Barin oil, LLC. Elevation 1995 KB 1900 GL
 Address 2804 E. Funston, ste 209 2103 Dalton Wichita Ks 67207
 Co. Rep / Geo. Bill Ree Rig WW#12
 Location: Sec. 16 Twp. 2S Rge. 15W Co. Smith State Ks.

Interval Tested 3091 3130 Zone Tested LKc-A
 Anchor Length 39 Drill Pipe Run 2966 Mud Wt. 9.3
 Top Packer Depth 3086 Drill Collars Run 122 Vis 53
 Bottom Packer Depth 3091 Wt. Pipe Run 0 WL 8.8
 Total Depth 3130 Chlorides 1000 ppm System LCM 3#

Blow Description skd 15 ft. - still 6 ft. from bottom tool opened. couldn't get to bottom

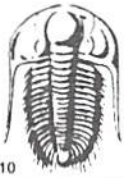
Rec	Feet of	%gas	%oil	%water	%mud
<u>310</u>	<u>mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic Test 950 T-On Location 14:55
 (B) First Initial Flow Jars 250 T-Started 15:05
 (C) First Final Flow Safety Joint 75 T-Open _____
 (D) Initial Shut-In Circ Sub _____ T-Pulled 17:00
 (E) Second Initial Flow Hourly Standby _____ T-Out 19:30
 (F) Second Final Flow Mileage 90x.2 = 180 x 1.55 = 279 Comments _____
 (G) Final Shut-In Sampler _____
 (H) Final Hydrostatic Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer 320 _____
 Initial Open _____ Extra Packer _____ Extra Copies _____
 Initial Shut-In _____ Extra Recorder _____ Sub Total 320
 Final Flow _____ Day Standby _____ Total 1874
 Final Shut-In _____ Accessibility _____ MP/DST Disc't _____
 Sub Total 1554

Approved By _____ Our Representative Chuck Koger

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47388

Well Name & No. Ratiff Trust #1-16 Test No. 5 Date 7-21-2012
 Company Barlin oil, LLC. Elevation 1995 KB 1900 GL
 Address 7804 E. Funston, Ste. 209 2103 Wichita KS. 67207
 Co. Rep / Geo. Bill Ree Rig WW#12
 Location: Sec. 16 Twp. 2S Rge. 15W Co. Smith State Ks.

Interval Tested 3046 3130 Zone Tested LKc-A
 Anchor Length 84 Drill Pipe Run 2905 Mud Wt. 9.8
 Top Packer Depth 3041 Drill Collars Run 122 Vis 53
 Bottom Packer Depth 3046 Wt. Pipe Run -0- WL 8.8
 Total Depth 3130 Chlorides 1000 ppm System LCM 3#

Blow Description IF: Weak surface blow, died in 15 mins.

ISI: No blow back over 60mins.

FF: No blow

Fsi: No blow back over 60mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>8</u>	<u>mud with oil specs</u>				

Rec Total 8 BHT 88 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1559</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>7-20-12 18:00</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>7-21-12 5:30</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>7:27</u>
(D) Initial Shut-In <u>261</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>10:05</u>
(E) Second Initial Flow <u>24</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:24</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage	Comments _____
(G) Final Shut-In <u>415</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1488</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>15</u>	<input type="checkbox"/> Day Standby	Total <u>1475</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1475</u>	

Approved By _____

Our Representative Chuck [Signature]

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47389

Well Name & No. Rattiff trust #116 Test No. 6 Date 7-21-2012
 Company Bertin oil, LLC. Elevation 1905 KB 1900 GL
 Address 7804 E. Funston, Ste 209 2103 Wichita
 Co. Rep / Geo. Bill Ree Rig WVA12
 Location: Sec. 16 Twp. 25 Rge. 15W Co. Smith State Ks.

Interval Tested 3147 3180 Zone Tested LRC-C
 Anchor Length 33 Drill Pipe Run 3027 Mud Wt. 9.3
 Top Packer Depth 3142 Drill Collars Run 122 Vis 53
 Bottom Packer Depth 3147 Wt. Pipe Run 0 WL 8.8
 Total Depth 3180 Chlorides 1000 ppm System LCM 3#

Blow Description IF: Weak blow, Dead in 1 min.

ISF: No blow back

FF: No blow

FSI: No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud with oil specs - oil specs in fool</u>				

Rec Total 10 BHT 90 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1572</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>18:30</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>20:00</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>22:12</u>
(D) Initial Shut-In <u>573</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1:15</u>
(E) Second Initial Flow <u>18</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>3:04</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage 279x2 558	Comments <u>was told at 4:AM</u>
(G) Final Shut-In <u>504</u>	<input type="checkbox"/> Sampler	<u>on 24 th at 10:00 AM</u>
(H) Final Hydrostatic <u>1534</u>	<input type="checkbox"/> Straddle	<u>Load tools 9:00</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input checked="" type="checkbox"/> Ruined Packer 320
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total 800+320
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby 1d 25h	Total 3153
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total 2033	

Approved By _____

Our Representative Chuck Hagan

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.