



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206

ATTN: Saman Sharifaie

Carpenter "A" #1-23

23 -7S.-37W Sherman,KS

Start Date: 2017.06.17 @ 18:28:00

End Date: 2017.06.18 @ 03:03:19

Job Ticket #: 64176 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:26:16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N Rock RD
 BLDG I STE 100
 Wichita, KS 67206
 ATTN: Saman Sharifaie

23 -7S.-37W Sherman,KS

Carpenter "A" #1-23

Job Ticket: 64176

DST#: 1

Test Start: 2017.06.17 @ 18:28:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:20

Time Test Ended: 03:03:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: 4210.00 ft (KB) To 4280.00 ft (KB) (TVD)

Reference Elevations: 3397.00 ft (KB)

Total Depth: 4280.00 ft (KB) (TVD)

3392.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8322 Inside

Press@RunDepth: 653.81 psig @ 4211.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.17

End Date:

2017.06.18

Last Calib.:

2017.06.18

Start Time:

18:28:01

End Time:

03:03:19

Time On Btm:

2017.06.17 @ 21:09:00

Time Off Btm:

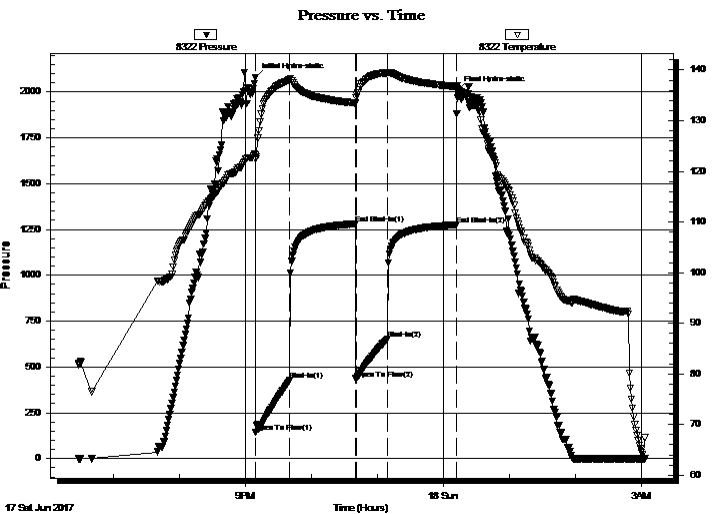
2017.06.18 @ 00:12:39

TEST COMMENT: 30-IF- BOB at 4 mins 40 secs

60-ISI-No blow

30-FF-BOB at 6 mins

60-FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.95	123.16	Initial Hydro-static
1	144.60	122.46	Open To Flow (1)
32	426.81	138.17	Shut-In(1)
91	1281.32	133.46	End Shut-In(1)
92	434.84	134.59	Open To Flow (2)
121	653.81	139.42	Shut-In(2)
183	1275.96	136.69	End Shut-In(2)
184	2006.12	136.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	HWCM 38%W, 62%M	0.15
553.00	MSW 2%M, 98%W	6.69
676.00	MCW 21%M, 79%W	9.48
0.00	Oil spots in tool	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64176

DST#: 1

Test Start: 2017.06.17 @ 18:28:00

Tool Information

Drill Pipe:	Length: 4057.00 ft	Diameter: 3.80 inches	Volume: 56.91 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 147.00 ft	Diameter: 2.25 inches	Volume: 0.72 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 57.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4210.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 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			4187.00	
Hydraulic tool	5.00			4192.00	
Jars	5.00			4197.00	
Safety Joint	3.00			4200.00	
Packer	5.00			4205.00	28.00 Bottom Of Top Packer
Packer	5.00			4210.00	
Stubb	1.00			4211.00	
Recorder	0.00	8322	Inside	4211.00	
Recorder	0.00	8734	Outside	4211.00	
Perforations	31.00			4242.00	
Change Over Sub	1.00			4243.00	
Drill Pipe	31.00			4274.00	
Change Over Sub	1.00			4275.00	
Bullnose	5.00			4280.00	70.00 Bottom Packers & Anchor

Total Tool Length: 98.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64176

DST#: 1

Test Start: 2017.06.17 @ 18:28:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 59.00 sec/qt
Water Loss: 7.13 in³
Resistivity: ohm.m
Salinity: 2400.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 82500 ppm

Recovery Information

Recovery Table

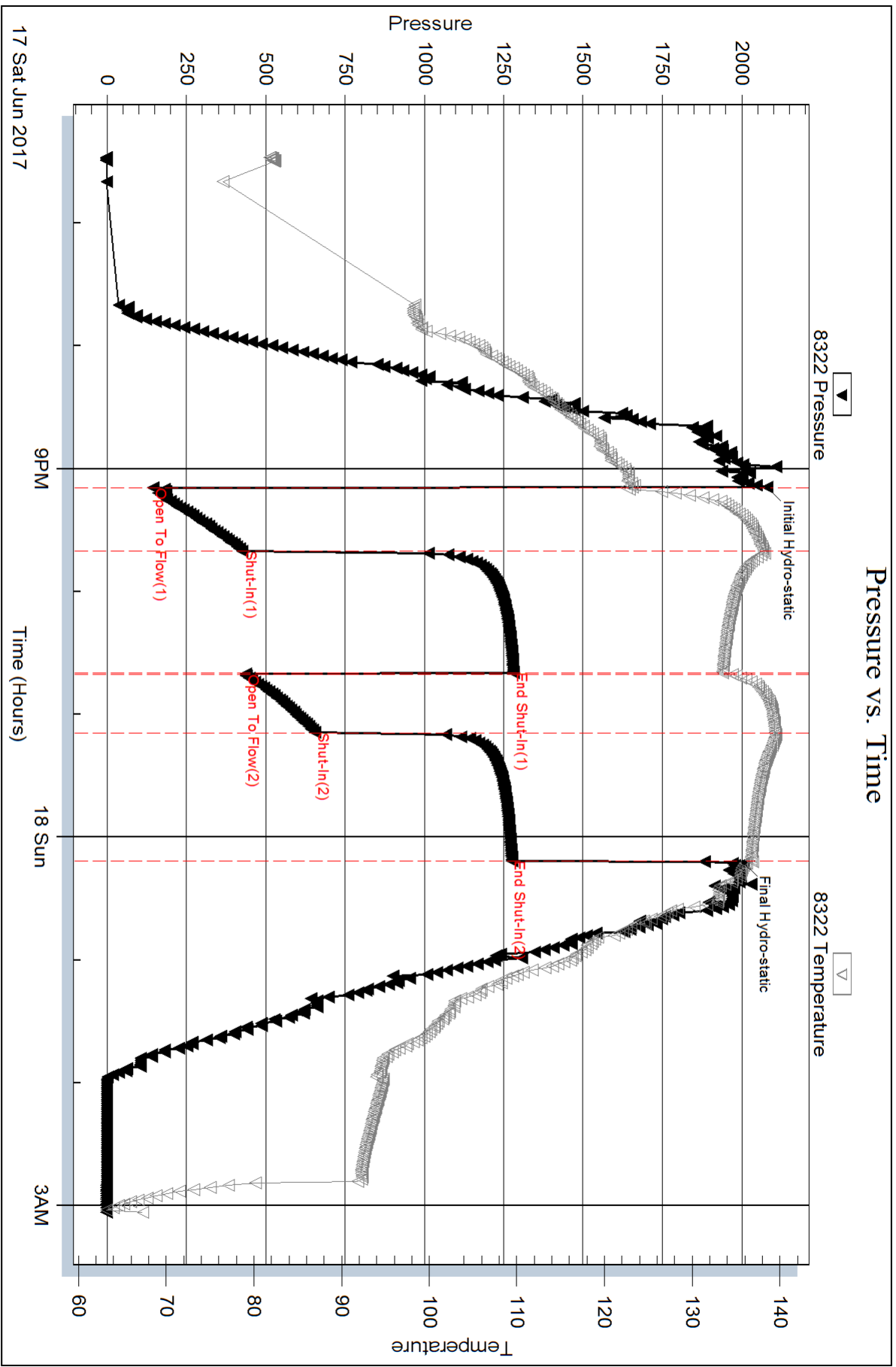
Length ft	Description	Volume bbl
30.00	HWCM 38%W, 62%M	0.148
553.00	MSW 2%M, 98%W	6.691
676.00	MCW 21%M, 79%W	9.483
0.00	Oil spots in tool	0.000

Total Length: 1259.00 ft Total Volume: 16.322 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=.113@ 63 degs

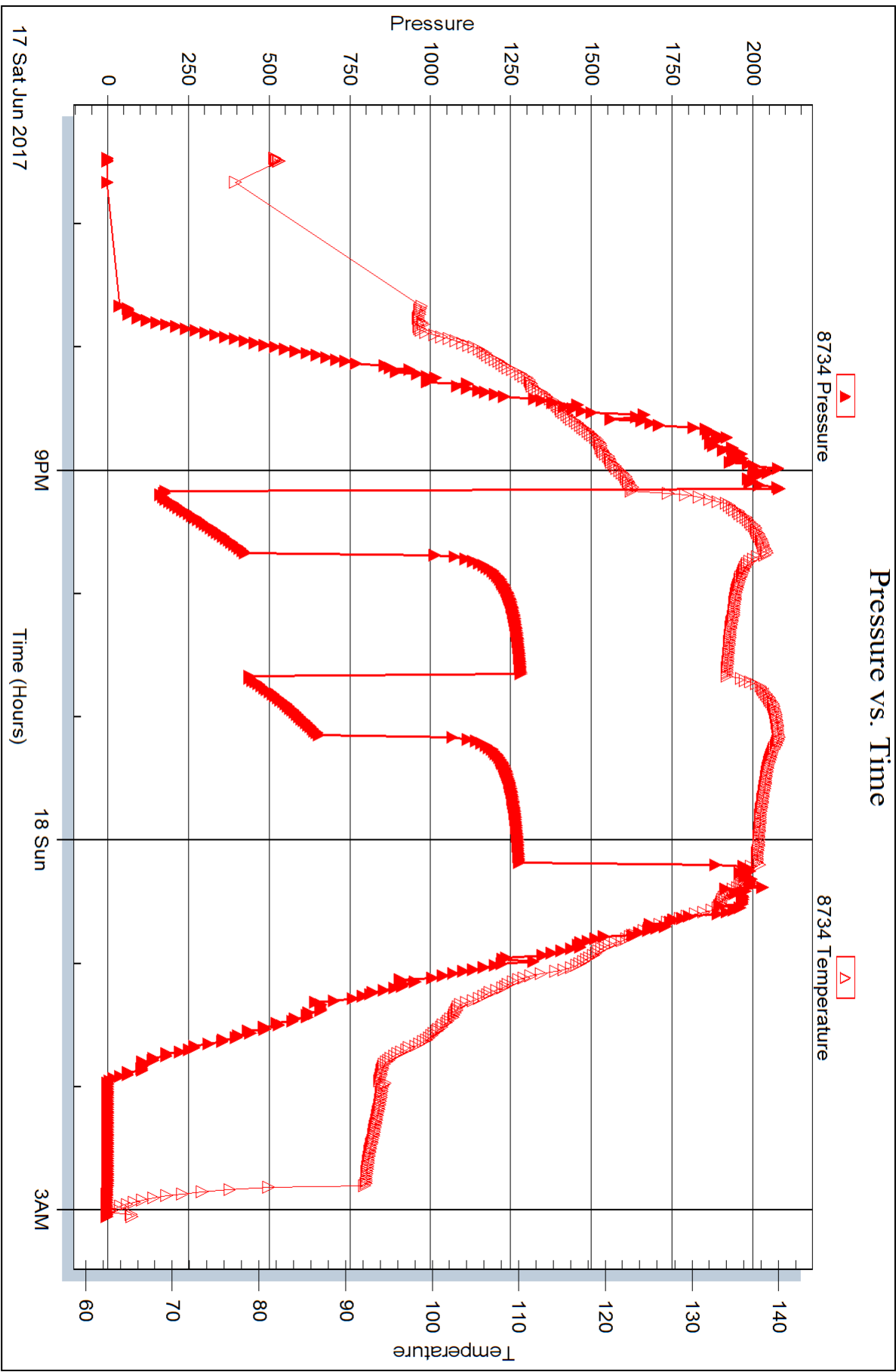


Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206

ATTN: Saman Sharifaie

Carpenter "A" #1-23

23 -7S.-37W Sherman,KS

Start Date: 2017.06.19 @ 13:05:01

End Date: 2017.06.19 @ 17:51:30

Job Ticket #: 64177 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:25:50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64177

DST#: 2

Test Start: 2017.06.19 @ 13:05:01

Tool Information

Drill Pipe:	Length: 4182.00 ft	Diameter: 3.80 inches	Volume: 58.66 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose:	73000.00 lb
			<u>Total Volume: 59.67 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4390.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	4506.00 ft				
Interval between Packers:	116.00 ft				
Tool Length:	195.00 ft				
Number of Packers:	3	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			4367.00	
Hydraulic tool	5.00			4372.00	
Jars	5.00			4377.00	
Safety Joint	3.00			4380.00	
Packer	5.00			4385.00	28.00 Bottom Of Top Packer
Packer	5.00			4390.00	
Packer - Shale	0.00			4390.00	
Stubb	1.00			4391.00	
Recorder	0.00	8322	Inside	4391.00	
Recorder	0.00	8734	Outside	4391.00	
Perforations	15.00			4406.00	
Change Over Sub	1.00			4407.00	
Blank Spacing	94.00			4501.00	
Change Over Sub	1.00			4502.00	
Perforations	3.00			4505.00	
Blank Off Sub	1.00			4506.00	116.00 Tool Interval
Packer	0.00			4506.00	
Blank Spacing	4.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	6752		4511.00	
Perforations	8.00			4519.00	
Change Over Sub	1.00			4520.00	
Drill Pipe	31.00			4551.00	
Change Over Sub	1.00			4552.00	
Bullnose	5.00			4557.00	51.00 Bottom Packers & Anchor

Total Tool Length: 195.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64177

DST#: 2

Test Start: 2017.06.19 @ 13:05:01

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.50 in³

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
443.00	Mud	4.347

Total Length: 443.00 ft Total Volume: 4.347 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

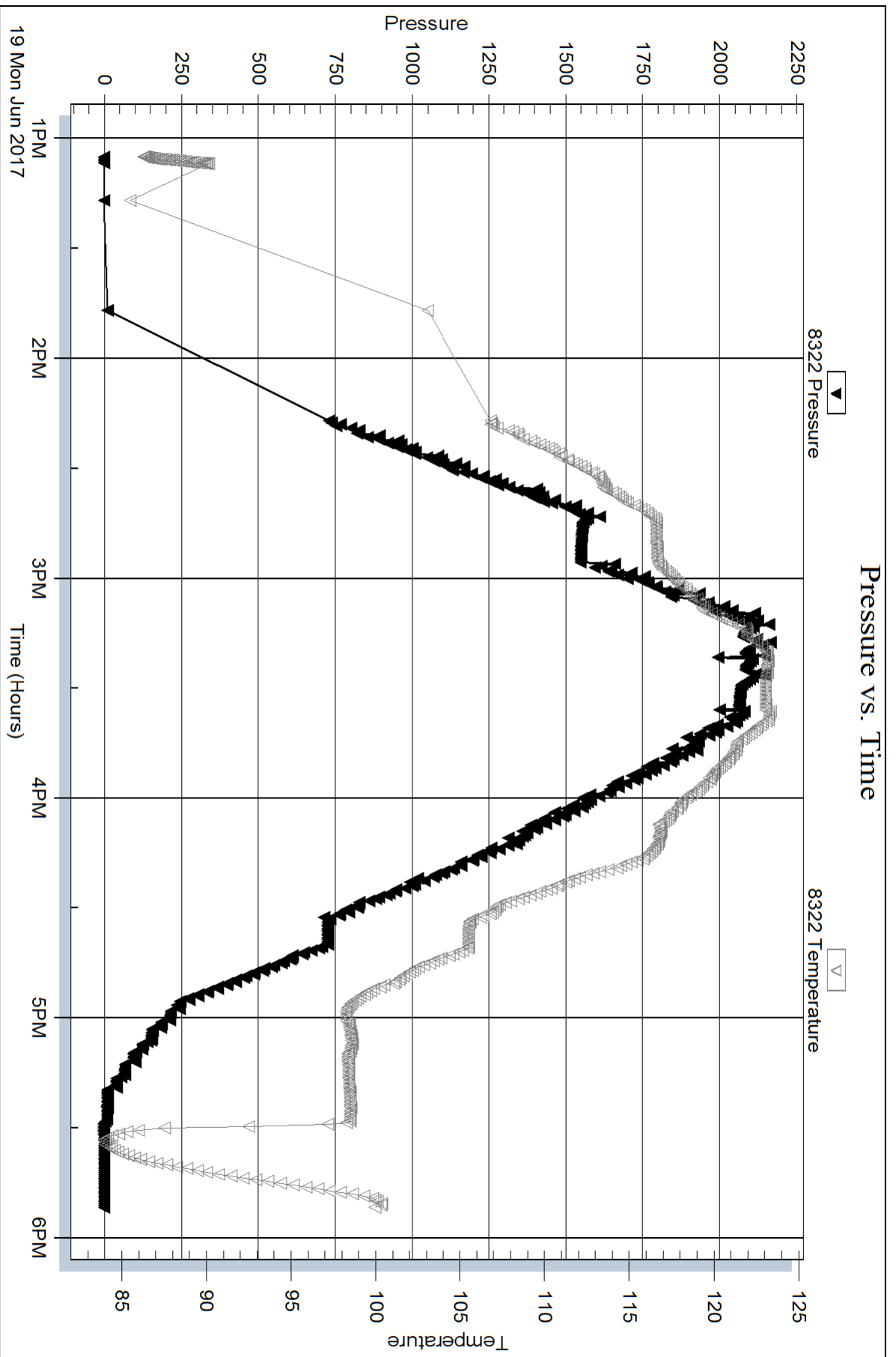
Serial #: 8322

Inside

Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 2



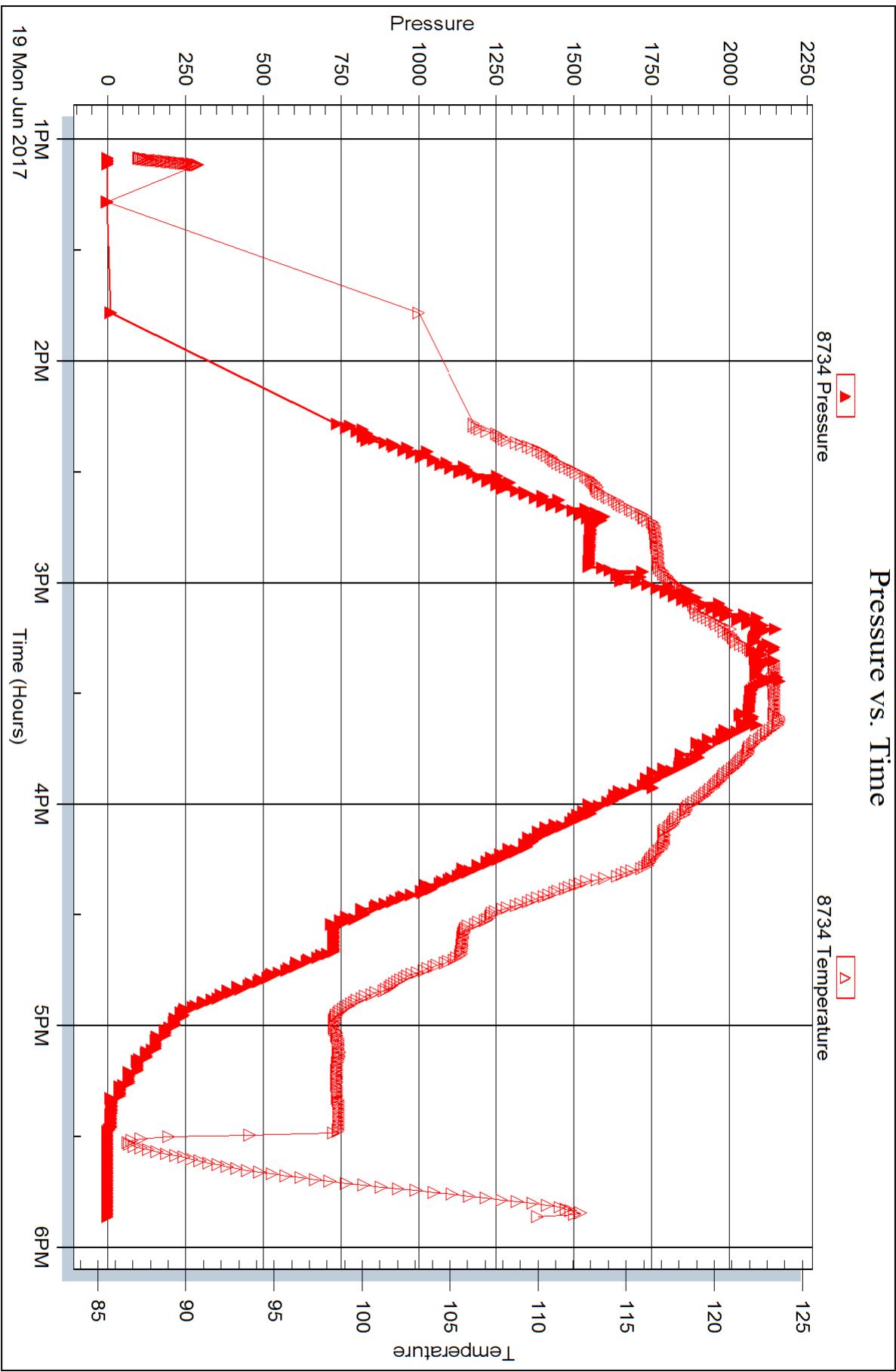
Serial #: 8734

Outside

Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206

ATTN: Saman Sharifaie

Carpenter "A" #1-23

23 -7S.-37W Sherman,KS

Start Date: 2017.06.19 @ 18:35:00

End Date: 2017.06.19 @ 23:42:50

Job Ticket #: 64178 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:25:25



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

23 -7S.-37W Sherman,KS

Carpenter "A" #1-23

Job Ticket: 64178

DST#: 3

Test Start: 2017.06.19 @ 18:35:00

GENERAL INFORMATION:

Formation: **LKC 'I - J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 23:42:50

Test Type: Conventional Straddle (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4430.00 ft (KB) To 4510.00 ft (KB) (TVD)

Total Depth: 4588.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3397.00 ft (KB)

3392.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8734 Outside

Press@RunDepth: psig @ 4431.00 ft (KB)

Start Date: 2017.06.19

End Date: 2017.06.19

Start Time: 18:35:01

End Time: 23:42:40

Capacity: 8000.00 psig

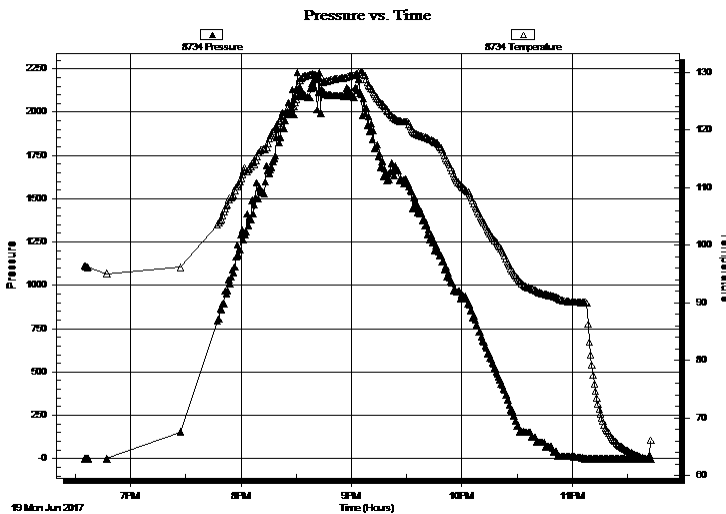
Last Calib.: 2017.06.19

Time On Btm:

Time Off Btm:

TEST COMMENT: Packer failure, picked up and tried to re-seat lost fluid
Mis-run pull tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
405.00		3.81

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64178

DST#: 3

Test Start: 2017.06.19 @ 18:35:00

Tool Information

Drill Pipe:	Length: 4212.00 ft	Diameter: 3.80 inches	Volume: 59.08 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 60.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4430.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4506.00 ft			
Interval between Packers:	76.00 ft			
Tool Length:	186.00 ft			
Number of Packers:	3	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			4407.00	
Hydraulic tool	5.00			4412.00	
Jars	5.00			4417.00	
Safety Joint	3.00			4420.00	
Packer	5.00			4425.00	28.00 Bottom Of Top Packer
Packer	5.00			4430.00	
Packer - Shale	0.00			4430.00	
Stubb	1.00			4431.00	
Recorder	0.00	8322	Inside	4431.00	
Recorder	0.00	8734	Outside	4431.00	
Perforations	9.00			4440.00	
Change Over Sub	1.00			4441.00	
Blank Spacing	62.00			4503.00	
Change Over Sub	1.00			4504.00	
Perforations	1.00			4505.00	
Blank Off Sub	1.00			4506.00	76.00 Tool Interval
Packer	0.00			4506.00	
Blank Spacing	4.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	6752		4511.00	
Perforations	8.00			4519.00	
Change Over Sub	1.00			4520.00	
Drill Pipe	62.00			4582.00	
Change Over Sub	1.00			4583.00	
Bullnose	5.00			4588.00	82.00 Bottom Packers & Anchor

Total Tool Length: 186.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64178

DST#: 3

Test Start: 2017.06.19 @ 18:35:00

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.50 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
405.00		3.814

Total Length: 405.00 ft

Total Volume: 4.342 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

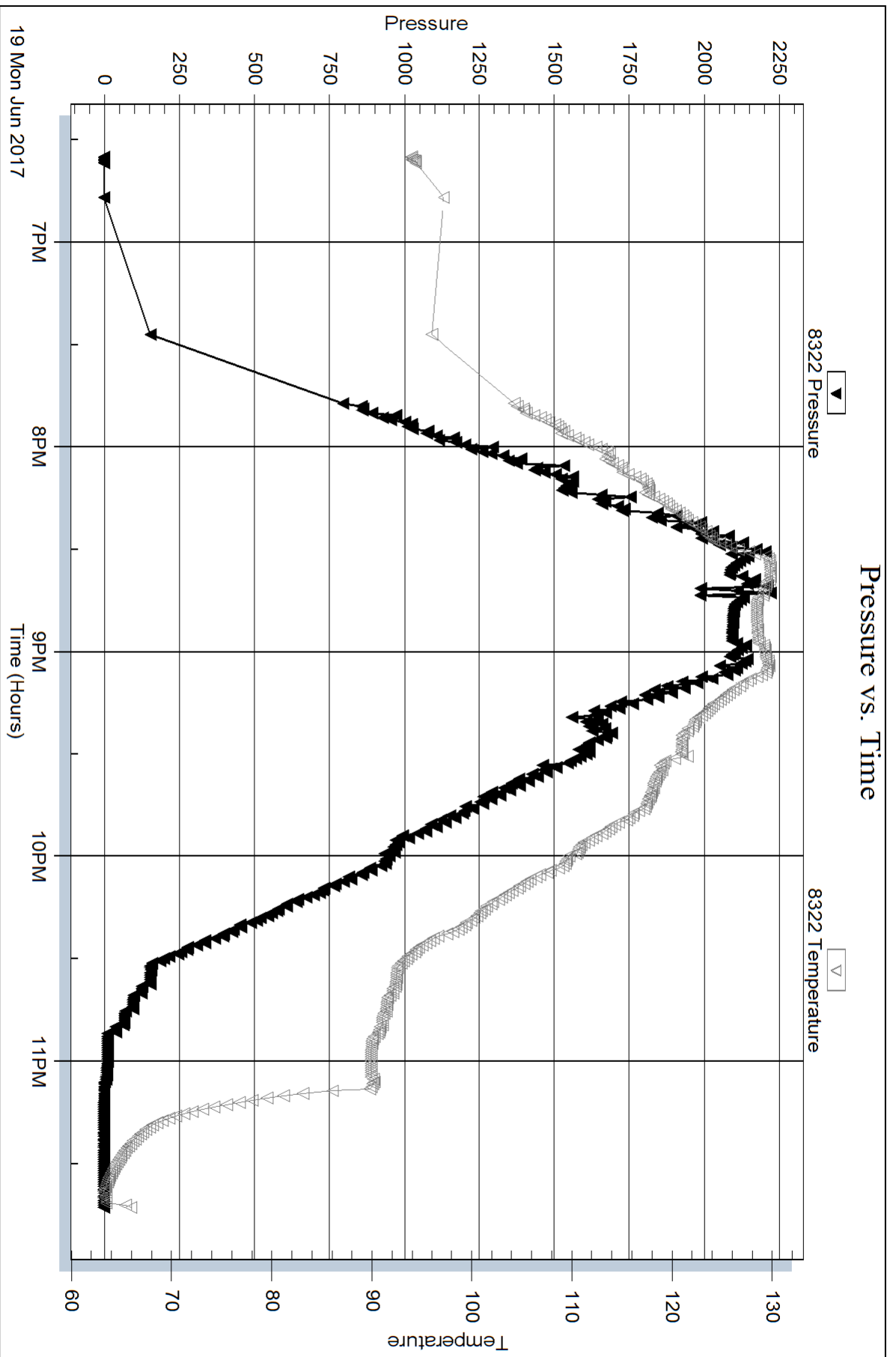
Serial #: 8322

Inside

Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 64178

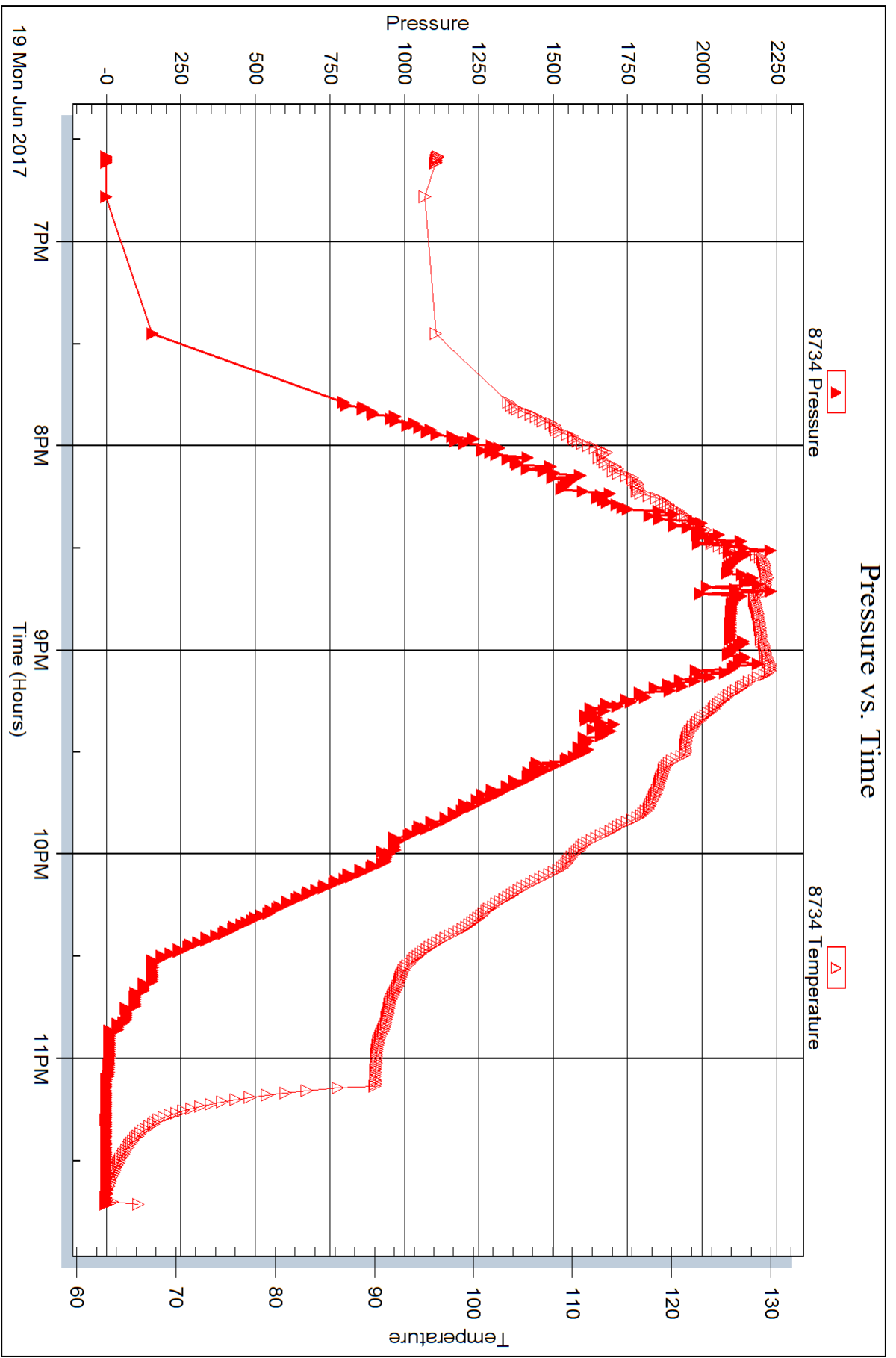
Printed: 2017.06.26 @ 09:25:26

Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206

ATTN: Saman Sharifaie

Carpenter "A" #1-23

23 -7S.-37W Sherman,KS

Start Date: 2017.06.20 @ 10:57:00

End Date: 2017.06.20 @ 15:40:30

Job Ticket #: 64179 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:25:01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

23 -7S.-37W Sherman,KS
Carpenter "A" #1-23
Job Ticket: 64179 **DST#: 4**
Test Start: 2017.06.20 @ 10:57:00

GENERAL INFORMATION:

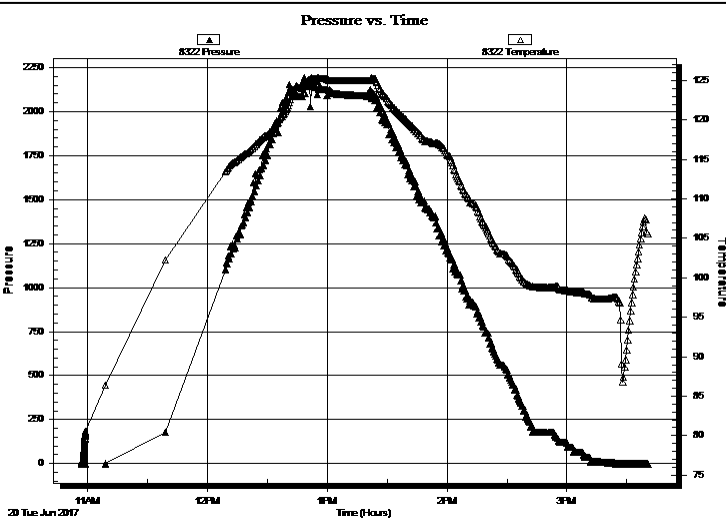
Formation:	Altamont				
Deviated:	No	Whipstock:	ft (KB)	Test Type:	Conventional Bottom Hole (Reset)
Time Tool Opened:				Tester:	Martine Salinas
Time Test Ended:	15:40:30			Unit No:	82
Interval:	4551.00 ft (KB) To 4640.00 ft (KB) (TVD)			Reference Elevations:	3397.00 ft (KB)
Total Depth:	4640.00 ft (KB) (TVD)				3392.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Fair	KB to GR/CF:	5.00 ft

Serial #: 8322

Inside

Press@RunDepth:	psig @	4552.00 ft (KB)	Capacity:	8000.00 psig	
Start Date:	2017.06.20	End Date:	2017.06.20	Last Calib.:	2017.06.20
Start Time:	10:57:01	End Time:	15:40:30	Time On Btm:	
				Time Off Btm:	

TEST COMMENT: Packer failure, picked up and tried to re-seat twice and lost fluid mis-run, pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
288.00	100% M	2.17

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64179

DST#: 4

Test Start: 2017.06.20 @ 10:57:00

Tool Information

Drill Pipe:	Length: 4336.00 ft	Diameter: 3.80 inches	Volume: 60.82 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4551.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	117.00 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			4528.00	
Hydraulic tool	5.00			4533.00	
Jars	5.00			4538.00	
Safety Joint	3.00			4541.00	
Packer	5.00			4546.00	28.00 Bottom Of Top Packer
Packer	5.00			4551.00	
Stubb	1.00			4552.00	
Recorder	0.00	8322	Inside	4552.00	
Recorder	0.00	8734	Outside	4552.00	
Perforations	19.00			4571.00	
Change Over Sub	1.00			4572.00	
Drill Pipe	62.00			4634.00	
Change Over Sub	1.00			4635.00	
Bullnose	5.00			4640.00	89.00 Bottom Packers & Anchor

Total Tool Length: 117.00



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FLUID SUMMARY

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64179

DST#: 4

Test Start: 2017.06.20 @ 10:57:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
288.00	100% M	2.172

Total Length: 288.00 ft Total Volume: 2.172 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

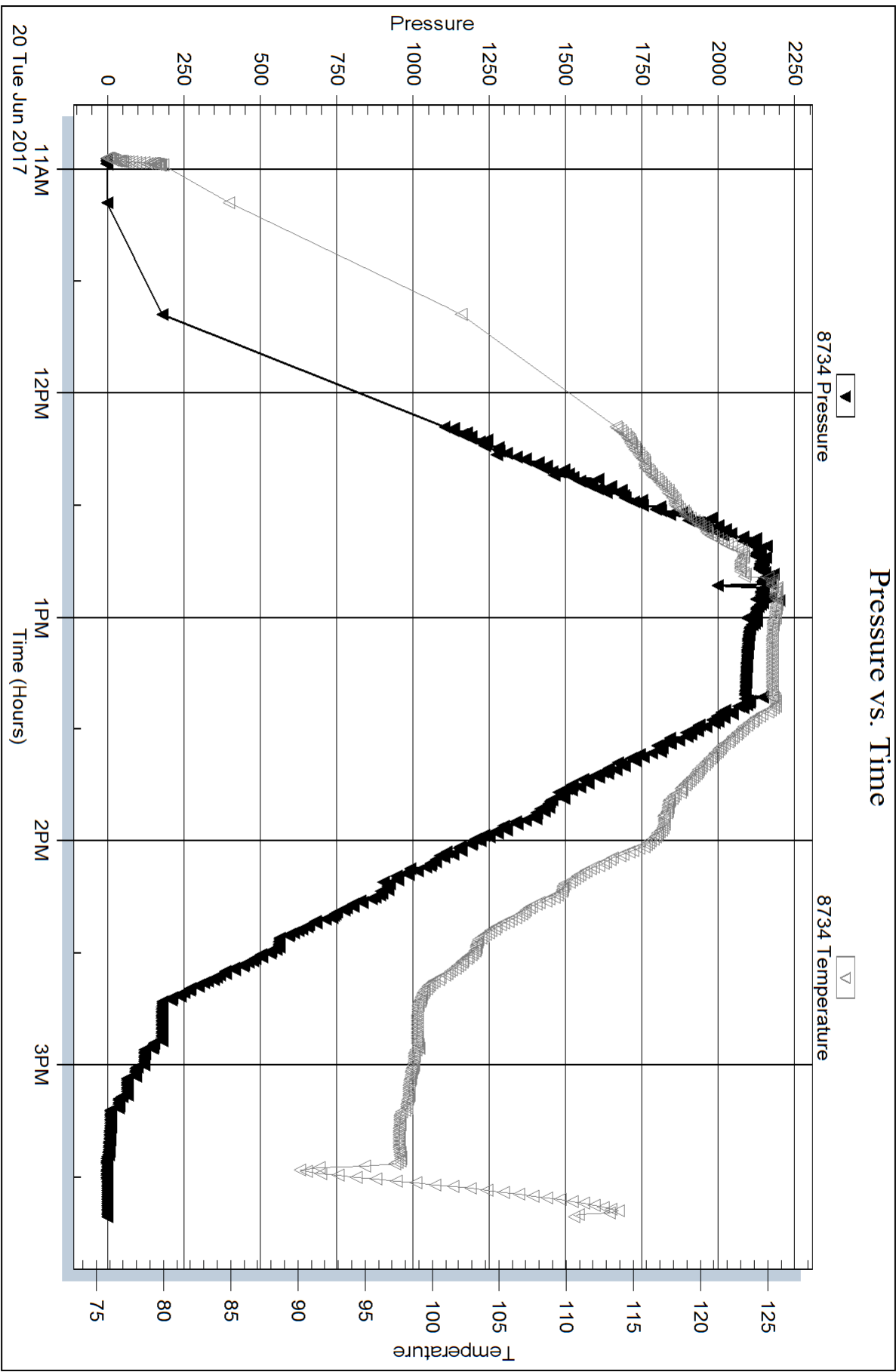
Recovery Comments:

Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 4



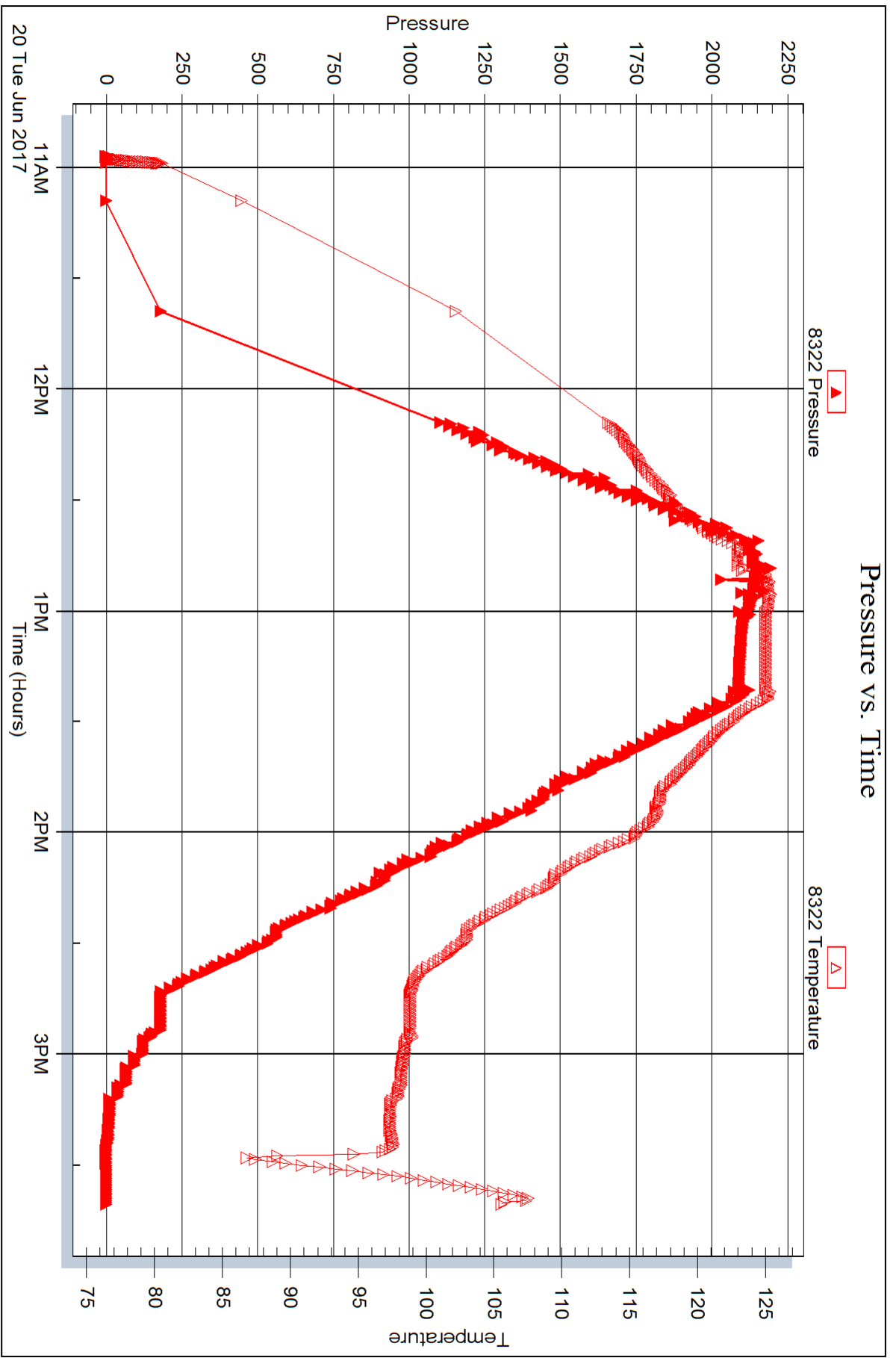
Serial #: 8322

Inside

Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206

ATTN: Saman Sharifaie

Carpenter "A" #1-23

23 -7S.-37W Sherman,KS

Start Date: 2017.06.20 @ 16:44:00

End Date: 2017.06.20 @ 22:18:30

Job Ticket #: 64180 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:24:27



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N Rock RD
 BLDG I STE 100
 Wichita, KS 67206
 ATTN: Saman Sharifaie

23 -7S.-37W Sherman,KS

Carpenter "A" #1-23

Job Ticket: 64180 **DST#: 5**

Test Start: 2017.06.20 @ 16:44:00

GENERAL INFORMATION:

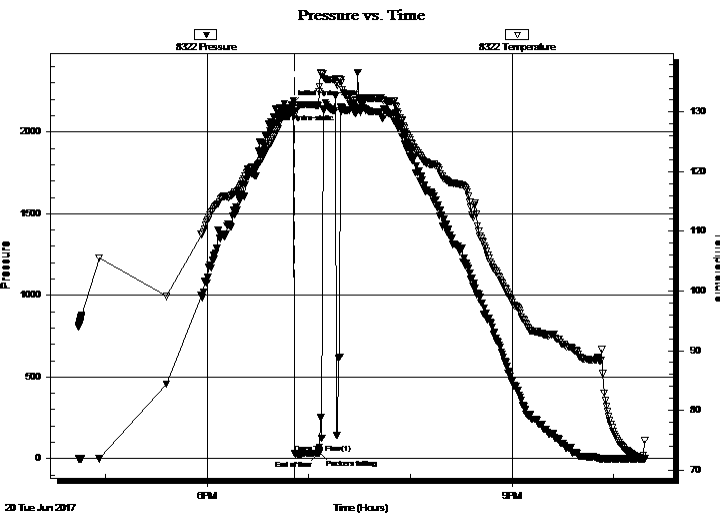
Formation: **Altamont**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:51:30
 Time Test Ended: 22:18:30
 Interval: **4560.00 ft (KB) To 4640.00 ft (KB) (TVD)**
 Total Depth: 4640.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Martine Salinas
 Unit No: 82
 Reference Elevations: 3397.00 ft (KB)
 3392.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8322

Inside

Press@RunDepth: psig @ 4561.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.20 End Date: 2017.06.20 Last Calib.: 2017.06.20
 Start Time: 16:44:01 End Time: 22:18:30 Time On Btm: 2017.06.20 @ 18:49:50
 Time Off Btm: 2017.06.20 @ 19:18:50

TEST COMMENT: 30-IF Weak blow built to 3/4" at 15 mins & lost fluid, picked up and re-seated ,lost fluid, packer failure mis-run, pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.86	129.93	Initial Hydro-static
2	32.15	129.48	Open To Flow (1)
16	31.40	131.11	End of flow
17	36.07	133.37	Packers failing
29	2156.35	135.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
493.00	100%M	5.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

23 -7S.-37W Sherman,KS

Carpenter "A" #1-23

Job Ticket: 64180 **DST#: 5**

Test Start: 2017.06.20 @ 16:44:00

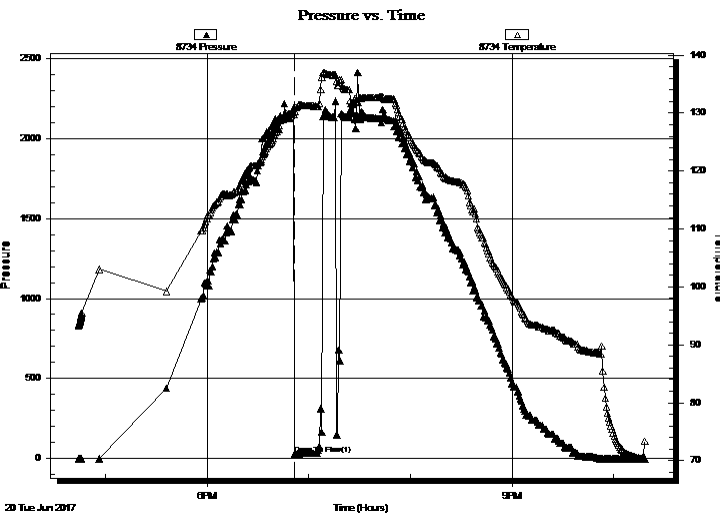
GENERAL INFORMATION:

Formation: **Altamont**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:51:30
 Tester: Martine Salinas
 Time Test Ended: 22:18:30
 Unit No: 82
 Interval: **4560.00 ft (KB) To 4640.00 ft (KB) (TVD)**
 Reference Elevations: 3397.00 ft (KB)
 Total Depth: 4640.00 ft (KB) (TVD)
 3392.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8734 Outside

Press@RunDepth: psig @ 4561.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.20 End Date: 2017.06.20 Last Calib.: 2017.06.20
 Start Time: 16:44:01 End Time: 22:18:30 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF Weak blow built to 3/4" at 15 mins & lost fluid, picked up and re-seated ,lost fluid, packer failure mis-run, pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	28.37	129.76	Open To Flow (1)

Recovery

Length (ft)	Description	Volume (bbl)
493.00	100%M	5.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64180

DST#: 5

Test Start: 2017.06.20 @ 16:44:00

Tool Information

Drill Pipe:	Length: 4336.00 ft	Diameter: 3.80 inches	Volume: 60.82 bbl	Tool Weight:	2700.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose:	83000.00 lb
			<u>Total Volume: 61.83 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4560.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	80.00 ft				
Tool Length:	113.00 ft				
Number of Packers:	3	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			4532.00	
Hydraulic tool	5.00			4537.00	
Jars	5.00			4542.00	
Safety Joint	3.00			4545.00	
Packer	5.00			4550.00	33.00 Bottom Of Top Packer
Packer	5.00			4555.00	80.00 Tool Interval
Packer	5.00			4560.00	
Stubb	1.00			4561.00	
Recorder	0.00	8322	Inside	4561.00	
Recorder	0.00	8734	Outside	4561.00	
Perforations	10.00			4571.00	
Change Over Sub	1.00			4572.00	
Drill Pipe	62.00			4634.00	
Change Over Sub	1.00			4635.00	
Bullnose	5.00			4640.00	1000112.00 Bottom Packers & Anchor

Total Tool Length: 113.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64180 **DST#: 5**

Test Start: 2017.06.20 @ 16:44:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 7.17 in³
Resistivity: ohm.m
Salinity: 5000.00 ppm
Filter Cake: 1.00 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

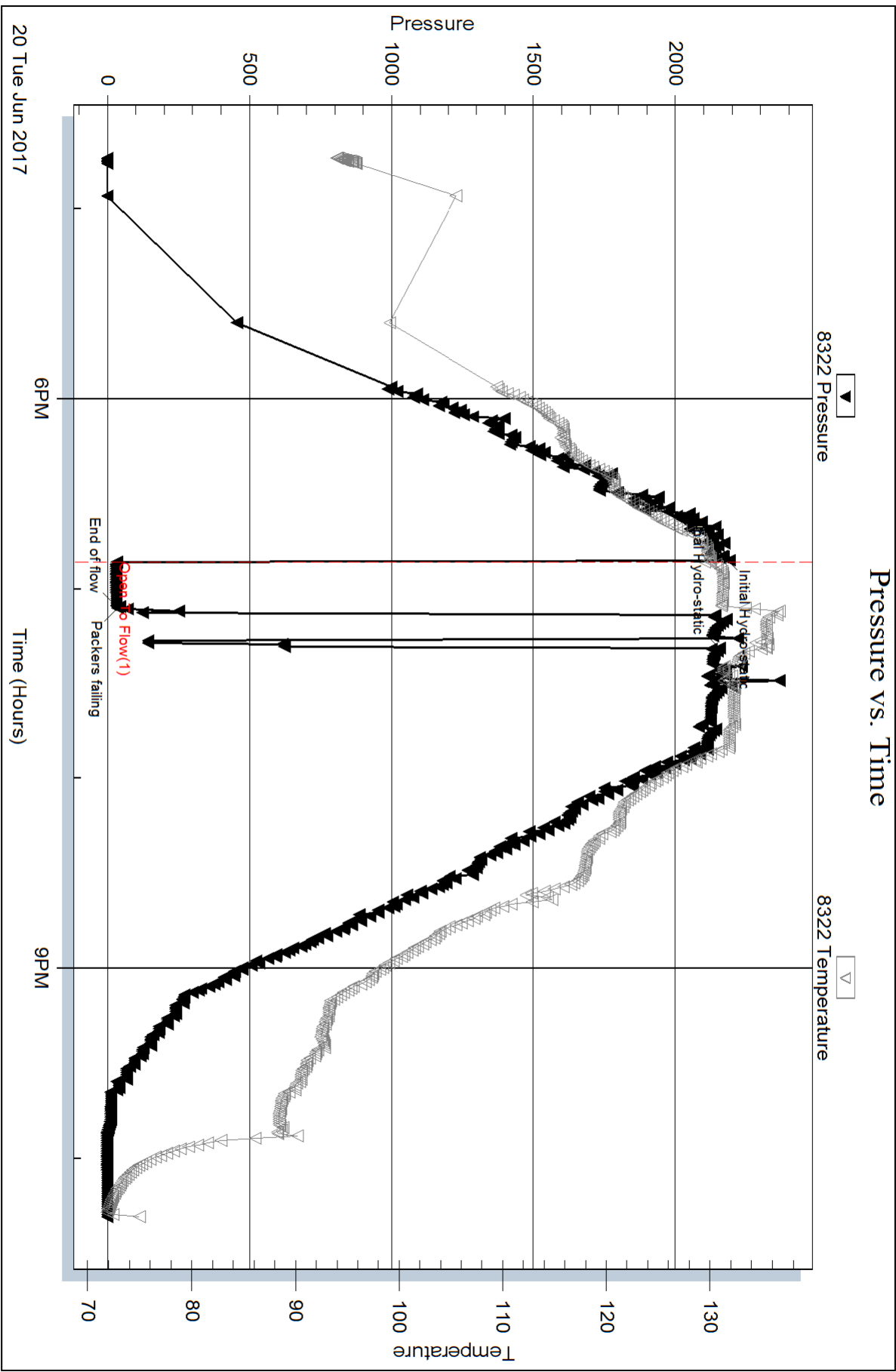
Length ft	Description	Volume bbl
493.00	100%M	5.048

Total Length: 493.00 ft Total Volume: 5.048 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

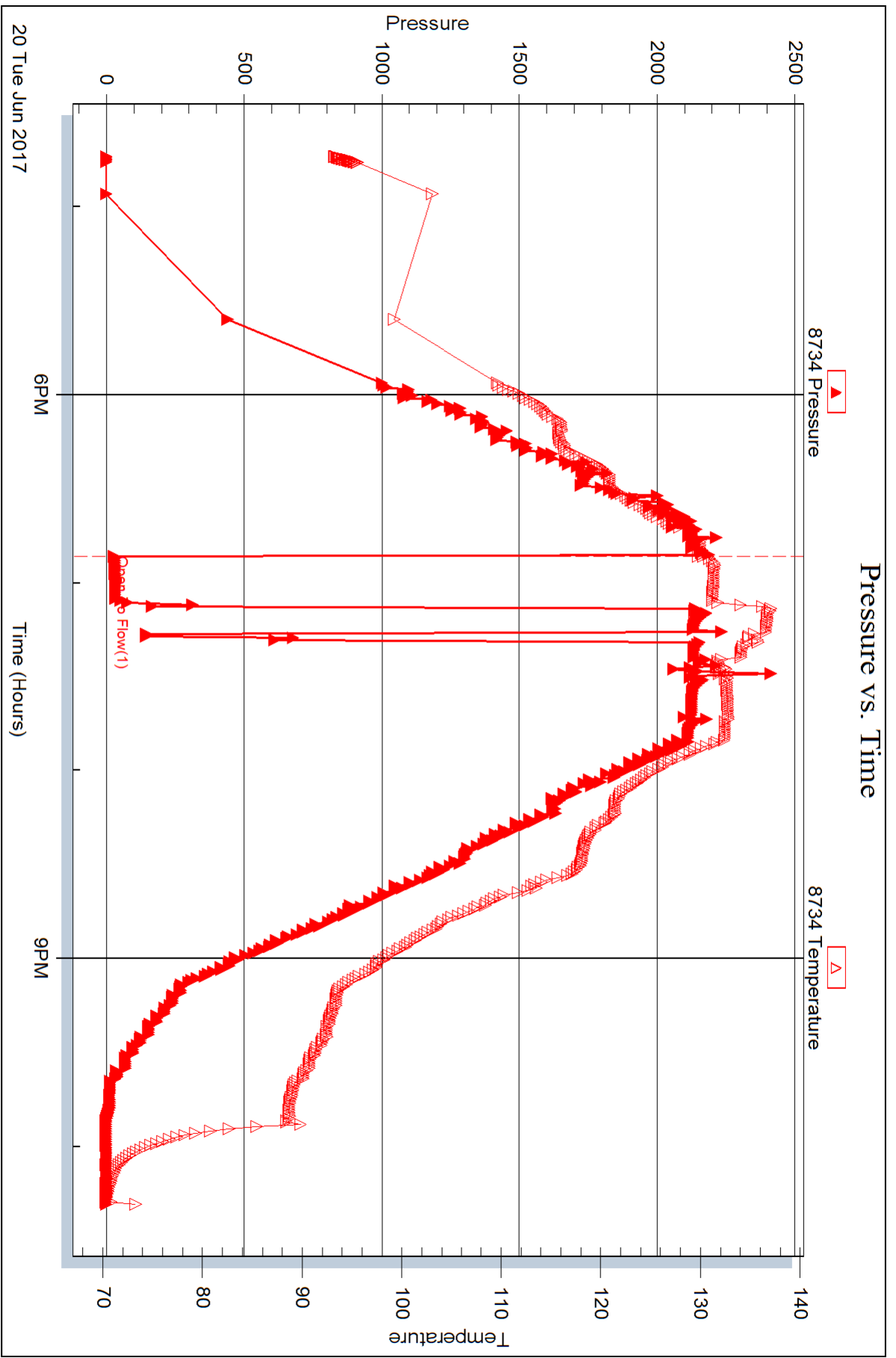


Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 64180

Printed: 2017.06.26 @ 09:24:30



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206

ATTN: Saman Sharifaie

Carpenter "A" #1-23

23 -7S.-37W Sherman,KS

Start Date: 2017.06.21 @ 17:19:00

End Date: 2017.06.22 @ 01:55:00

Job Ticket #: 64181 DST #: 6

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:24:04

Brito Oil Company Inc
23 -7S.-37W Sherman,KS
Carpenter "A" #1-23
DST # 6
Cherokee Ls
2017.06.21



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

23 -7S.-37W Sherman,KS

Carpenter "A" #1-23

Job Ticket: 64181 **DST#: 6**

Test Start: 2017.06.21 @ 17:19:00

GENERAL INFORMATION:

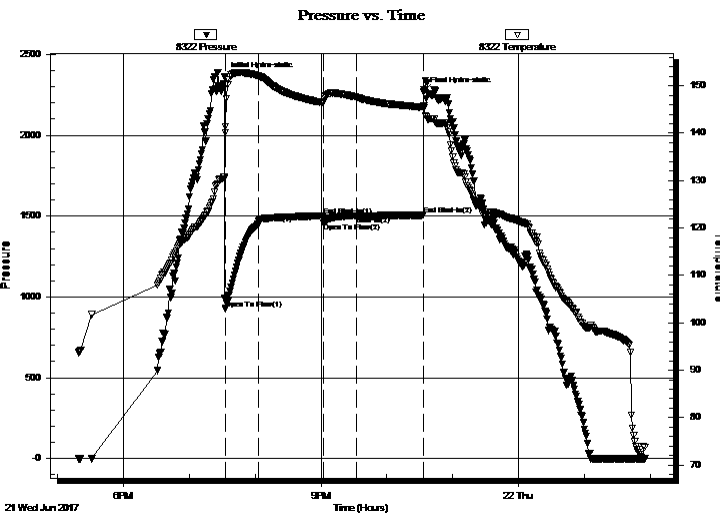
Formation: **Cherokee Ls**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 19:32:50
 Tester: Martine Salinas
 Time Test Ended: 01:55:00
 Unit No: 82
 Interval: **4736.00 ft (KB) To 4800.00 ft (KB) (TVD)**
 Reference Elevations: 3397.00 ft (KB)
 Total Depth: 4280.00 ft (KB) (TVD)
 3392.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8322

Inside

Press@RunDepth: 1501.31 psig @ 4737.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.21 End Date: 2017.06.22 Last Calib.: 2017.06.22
 Start Time: 17:19:01 End Time: 01:55:00 Time On Btm: 2017.06.21 @ 19:31:40
 Time Off Btm: 2017.06.21 @ 22:33:39

TEST COMMENT: 30-IF-BOB at 1 min
 60-ISI-No blow
 30-FF-BOB at 6 1/2 mins & died back to 9" at shut in
 60-FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2362.37	130.40	Initial Hydro-static
2	926.87	140.06	Open To Flow (1)
31	1449.56	152.03	Shut-In(1)
91	1500.44	146.42	End Shut-In(1)
91	1459.30	146.48	Open To Flow (2)
121	1501.31	147.56	Shut-In(2)
182	1505.43	145.48	End Shut-In(2)
182	2269.14	145.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2586.00	MSW 3%M, 97%W	34.41
471.00	MCW 33%M, 67%W	6.61

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64181

DST#: 6

Test Start: 2017.06.21 @ 17:19:00

Tool Information

Drill Pipe:	Length: 4523.00 ft	Diameter: 3.80 inches	Volume: 63.45 bbl	Tool Weight: 2700.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 64.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4736.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	97.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4708.00	
Hydraulic tool	5.00			4713.00	
Jars	5.00			4718.00	
Safety Joint	3.00			4721.00	
Packer	5.00			4726.00	33.00 Bottom Of Top Packer
Packer	5.00			4731.00	64.00 Tool Interval
Packer	5.00			4736.00	
Stubb	1.00			4737.00	
Recorder	0.00	8322	Inside	4737.00	
Recorder	0.00	8734	Outside	4737.00	
Perforations	25.00			4762.00	
Change Over Sub	1.00			4763.00	
Drill Pipe	31.00			4794.00	
Change Over Sub	1.00			4795.00	
Bullnose	5.00			4800.00	1000096.00 Bottom Packers & Anchor

Total Tool Length: 97.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64181 **DST#: 6**

Test Start: 2017.06.21 @ 17:19:00

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:

81000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2586.00	MSW 3%M, 97%W	34.407
471.00	MCW 33%M, 67%W	6.607

Total Length: 3057.00 ft Total Volume: 41.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

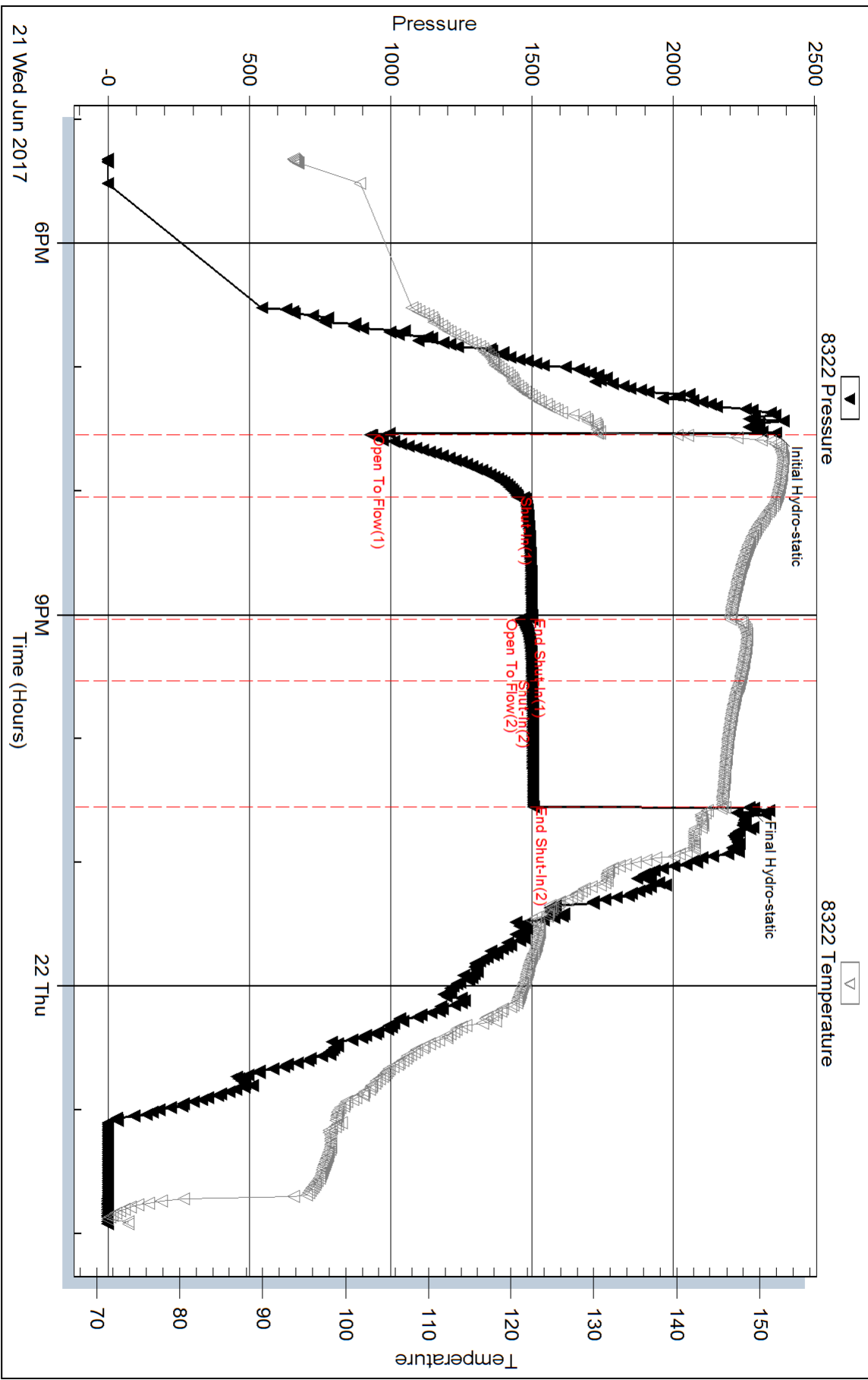
Laboratory Name:

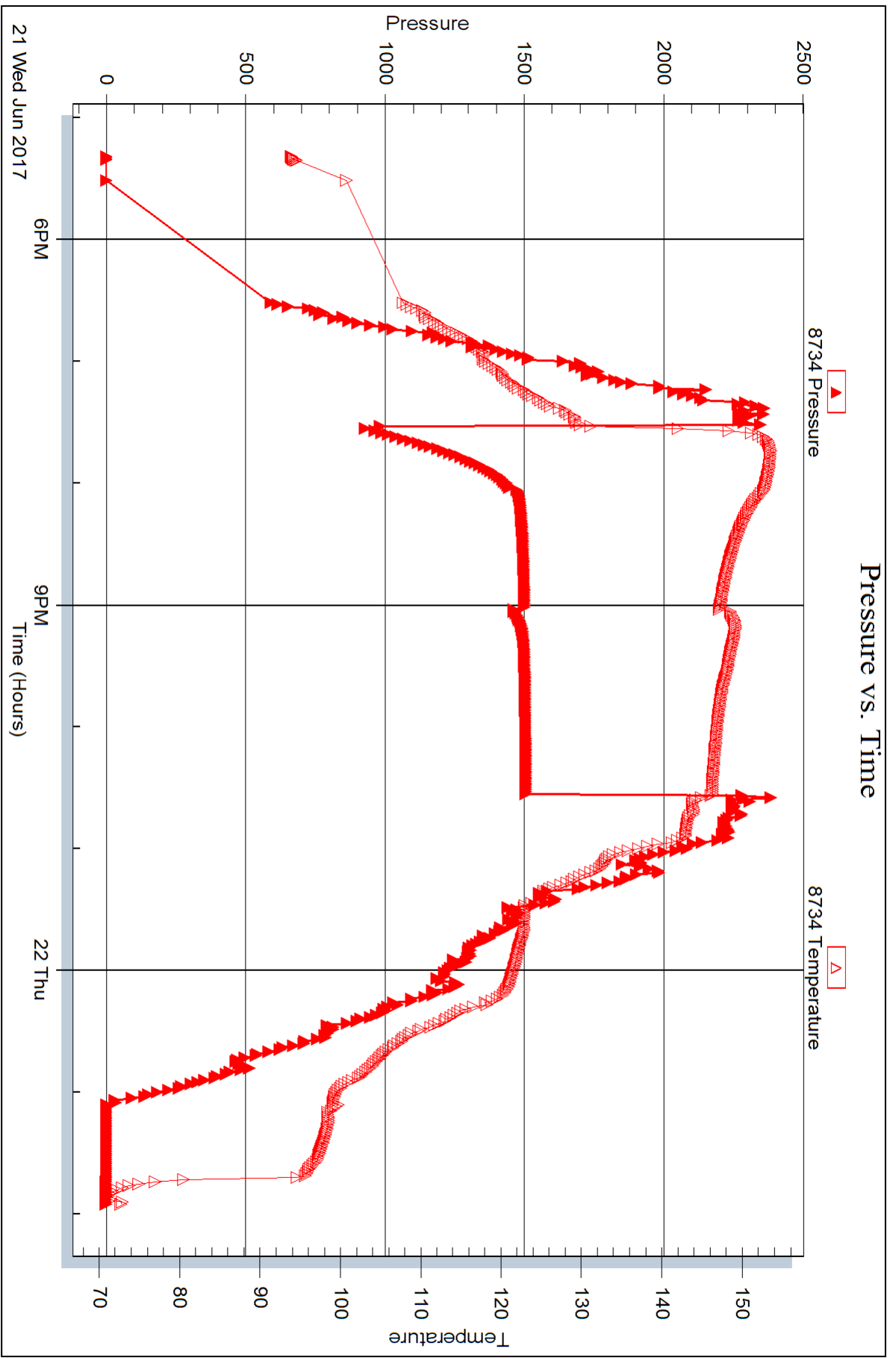
Laboratory Location:

Recovery Comments: Shut in tool plugged with cuttings

RW= .104@ 71.5 degs

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206

ATTN: Saman Sharifaie

Carpenter "A" #1-23

23 -7S.-37W Sherman,KS

Start Date: 2017.06.23 @ 09:28:00

End Date: 2017.06.23 @ 15:25:00

Job Ticket #: 64182 DST #: 7

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:23:31



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

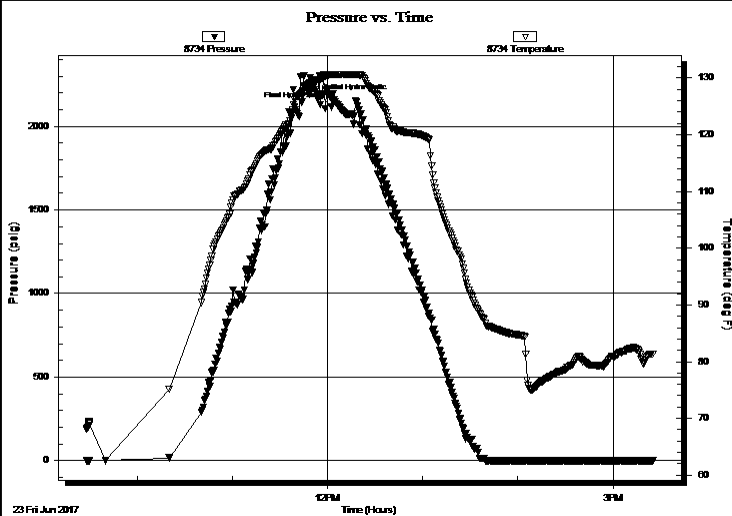
23 -7S.-37W Sherman,KS
Carpenter "A" #1-23
Job Ticket: 64182 **DST#: 7**
Test Start: 2017.06.23 @ 09:28:00

GENERAL INFORMATION:

Formation: **LKC " J "**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Reset)
Time Tool Opened: 11:55:00 Tester: Jim Svaty
Time Test Ended: 15:25:00 Unit No: 82
Interval: 4370.00 ft (KB) To 4455.00 ft (KB) (TVD) Reference Elevations: 3397.00 ft (KB)
Total Depth: 5012.00 ft (KB) (TVD) 3392.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
Press@RunDepth: psig @ 4382.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2017.06.23 End Date: 2017.06.23 Last Calib.: 2017.06.23
Start Time: 09:28:01 End Time: 15:25:10 Time On Btm: 2017.06.23 @ 11:53:50
Time Off Btm: 2017.06.23 @ 12:02:30

TEST COMMENT: Packer Failure-----Miss-Run



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2163.16	129.67	Initial Hydro-static
9	2116.00	130.59	Final Hydro-static

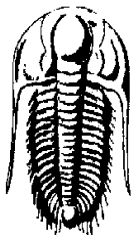
Recovery

Length (ft)	Description	Volume (bbl)
250.00	Mud 100%	1.64

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 1223 N Rock RD
 BLDG I STE 100
 Wichita, KS 67206
 ATTN: Saman Sharifaie

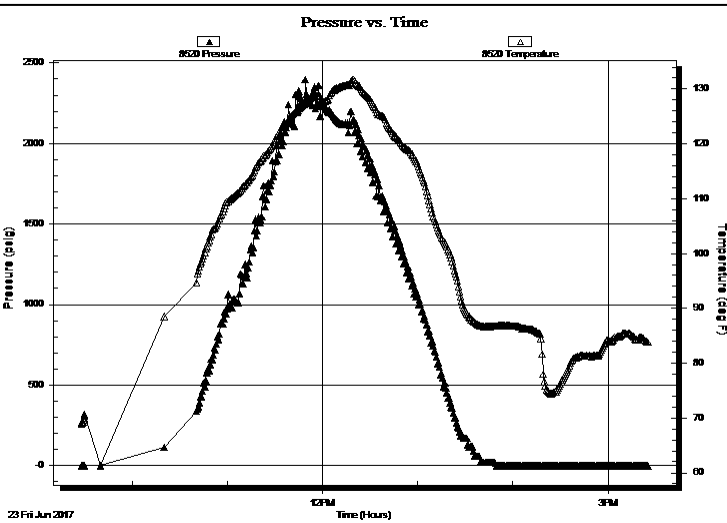
23 -7S.-37W Sherman,KS
Carpenter "A" #1-23
 Job Ticket: 64182 **DST#: 7**
 Test Start: 2017.06.23 @ 09:28:00

GENERAL INFORMATION:

Formation: **LKC " J "**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:55:00
 Time Test Ended: 15:25:00
Interval: 4370.00 ft (KB) To 4455.00 ft (KB) (TVD)
 Total Depth: 5012.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Jim Svaty
 Unit No: 82
 Reference Elevations: 3397.00 ft (KB)
 3392.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8520 Below (Straddle)
 Press@RunDepth: psig @ 4457.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.23 End Date: 2017.06.23 Last Calib.: 2017.06.23
 Start Time: 09:28:01 End Time: 15:25:10 Time On Btm:
 Time Off Btm:

TEST COMMENT: Packer Failure-----Miss-Run



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
250.00	Mud 100%	1.64

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64182

DST#: 7

Test Start: 2017.06.23 @ 09:28:00

Tool Information

Drill Pipe:	Length: 4147.00 ft	Diameter: 3.80 inches	Volume: 58.17 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4370.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	4455.00 ft			
Interval between Packers:	85.00 ft			
Tool Length:	670.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4347.00	
Hydraulic tool	5.00			4352.00	
Jars	5.00			4357.00	
Safety Joint	3.00			4360.00	
Packer	5.00			4365.00	28.00 Bottom Of Top Packer
Packer	5.00			4370.00	
Stubb	1.00			4371.00	
Perforations	10.00			4381.00	
Change Over Sub	1.00			4382.00	
Recorder	0.00	8322	Inside	4382.00	
Recorder	0.00	8734	Outside	4382.00	
Blank Spacing	62.00			4444.00	
Change Over Sub	1.00			4445.00	
Perforations	6.00			4451.00	
Blank Off Sub	1.00			4452.00	
Stubb	3.00			4455.00	85.00 Tool Interval
Packer	2.00			4457.00	
Recorder	0.00	8520	Below	4457.00	
Perforations	18.00			4475.00	
Change Over Sub	1.00			4476.00	
Blank Spacing	530.00			5006.00	
Change Over Sub	1.00			5007.00	
Bullnose	5.00			5012.00	557.00 Bottom Packers & Anchor
Total Tool Length:	670.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

1223 N Rock RD
BLDG I STE 100
Wichita, KS 67206
ATTN: Saman Sharifaie

Carpenter "A" #1-23

Job Ticket: 64182 **DST#: 7**

Test Start: 2017.06.23 @ 09:28:00

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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

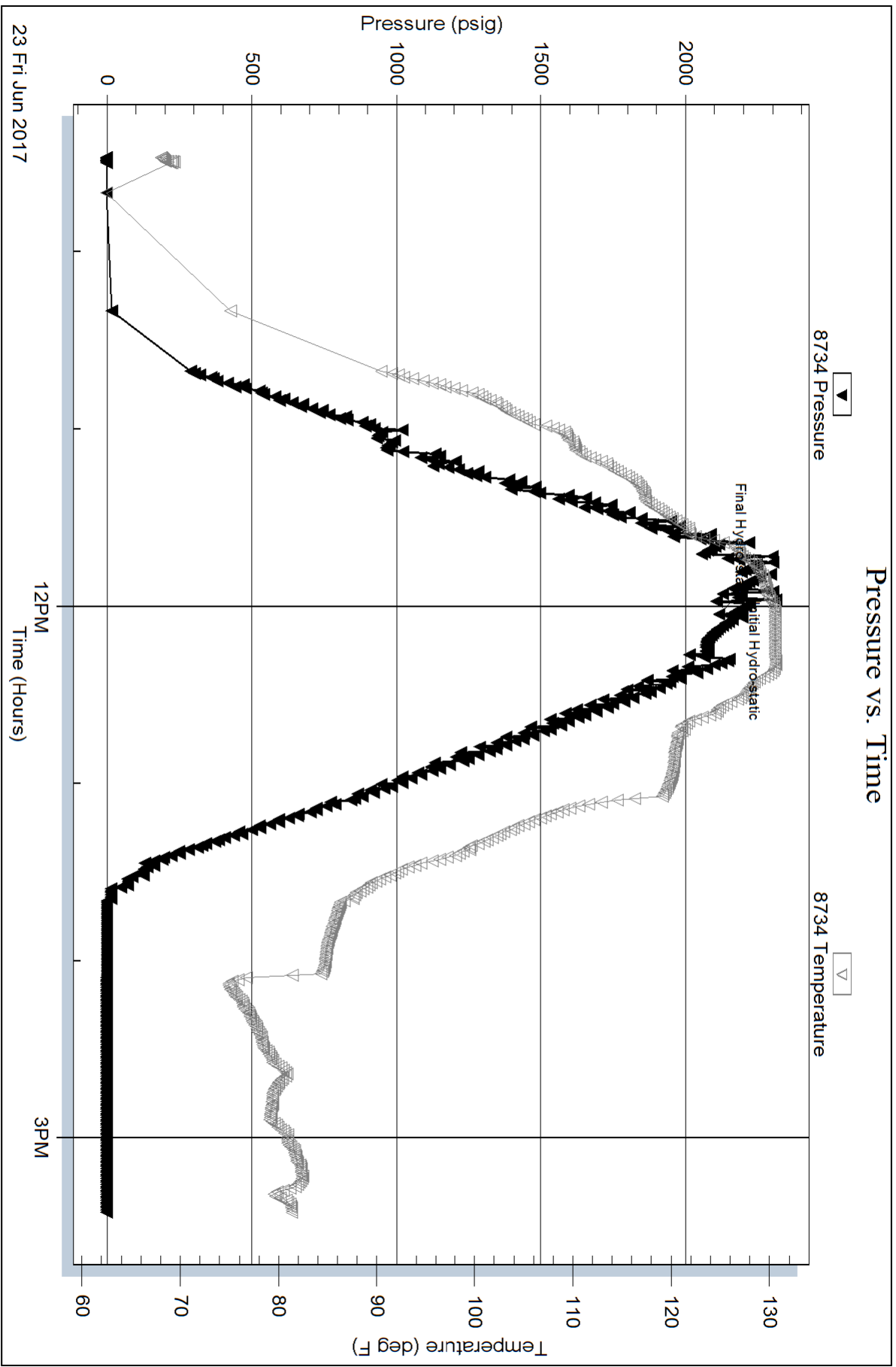
Length ft	Description	Volume bbl
250.00	Mud 100%	1.639

Total Length: 250.00 ft Total Volume: 1.639 bbl

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

Laboratory Name: Laboratory Location:

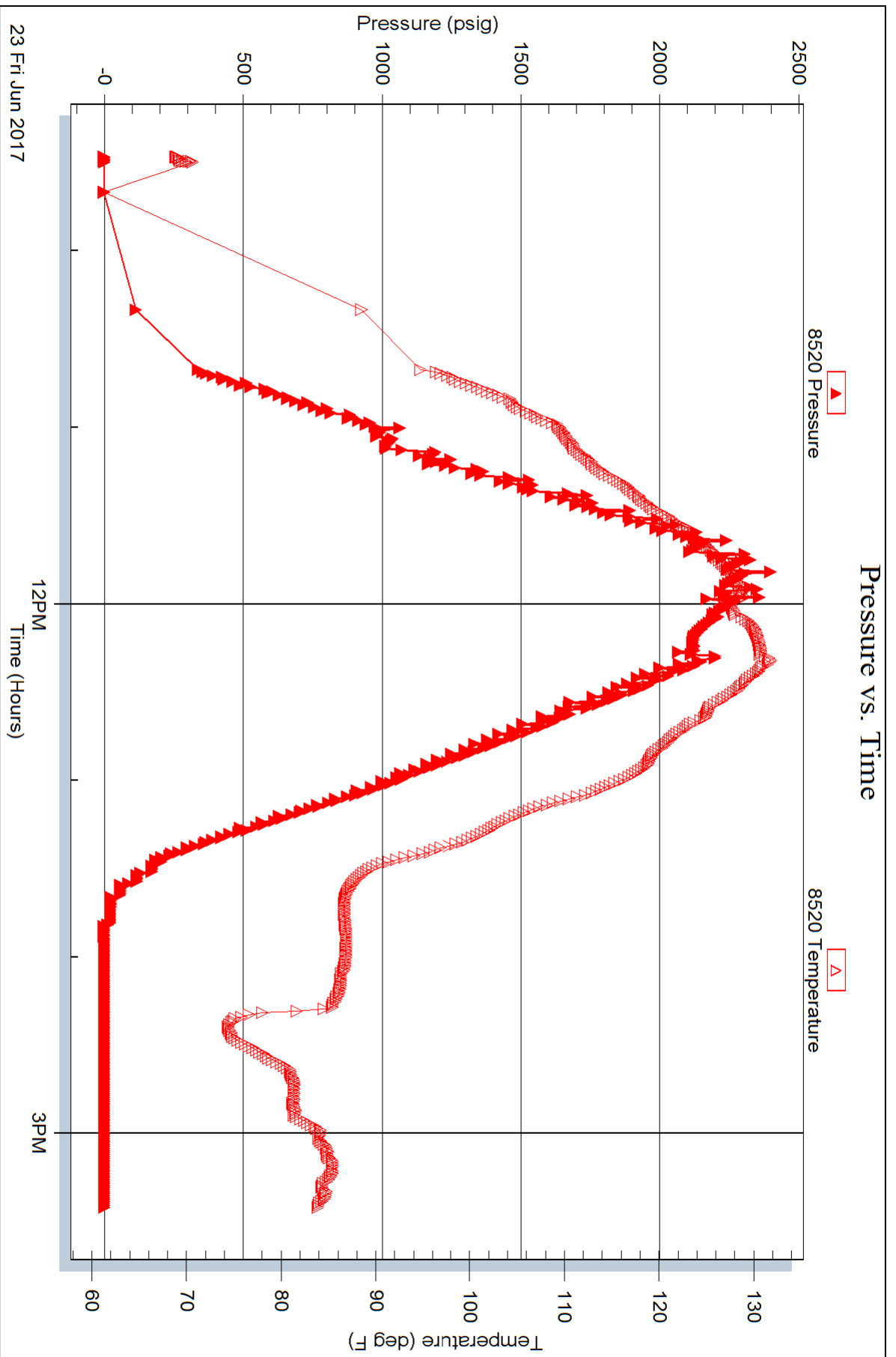
Recovery Comments:

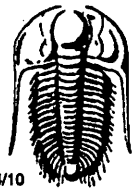


23 Fri Jun 2017

12PM
Time (Hours)

3PM





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64176

Well Name & No. Carpenter "A" #1-23 Test No. 1 Date 6-17-17
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL
 Address 1223 N. Rock Rd, Bldg 1 Ste 100, Wichita, KS 67206
 Co. Rep / Geo. Saman Sharifaie Rig Murfin #3
 Location: Sec. 23 Twp. 7S Rge. 37W Co. Sherman State KS

Interval Tested 4210 - 4280 Zone Tested Tacanto - LKC "A"
 Anchor Length 70' Drill Pipe Run 4057 Mud Wt. 8.9
 Top Packer Depth 4205 Drill Collars Run 147 Vis 59
 Bottom Packer Depth 4210 Wt. Pipe Run _____ WL 7.2
 Total Depth 4280 Chlorides 2400 ppm System LCM 2H

Blow Description IF: S. blow built to B.O.B. (12 Inches) @ 4:40
ISI: No blow
FF: S. blow built to B.O.B (12 Inches) @ 6 mins
FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>HWCM</u>		<u>38</u>	<u>62</u>	
<u>553</u>	<u>MSMV</u>		<u>98</u>	<u>2</u>	
<u>676</u>	<u>MCW</u>		<u>71</u>	<u>21</u>	
<u>0</u>	<u>Oil spots in hwl</u>				

Rec Total 1259 BHT 136 Gravity _____ API RW 0.113 @ 63 °F Chlorides 82,500 ppm

(A) Initial Hydrostatic 2080 Test 1150 T-On Location 17:30 6-17-17
 (B) First Initial Flow 145 Jars 250 T-Started 18:28
 (C) First Final Flow 427 Safety Joint 75 T-Open 21:10
 (D) Initial Shut-In 1281 Circ Sub _____ T-Pulled 00:10
 (E) Second Initial Flow 435 Hourly Standby _____ T-Out 03:04 6-18-17
 (F) Second Final Flow 654 Mileage 161RT 120.75
 (G) Final Shut-In 1276 Sampler _____
 (H) Final Hydrostatic 2006 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

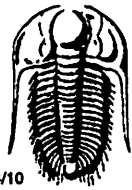
Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Sub Total 1595.75

MP/DST Disc't _____

Approved By _____ Our Representative [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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64177

Well Name & No. Carpenter "A" #1-23 Test No. 2 Date 6-19-17
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL
 Address 1223 N. Rock RD, BLDG 1 STE 100, Wichita, KS 67206
 Co. Rep / Geo. Saman Sharifaic Rig Murfin #3
 Location: Sec. 23 Twp. 7S Rge. 37W Co. Sherman State KS

Interval Tested 4390-4510 Zone Tested LKC "H-5"
 Anchor Length 120' 78' T. pipe Drill Pipe Run 4182 Mud Wt. 9.2
 Top Packer Depth 4385 - 4390 (Shale) Drill Collars Run 265 Vis 46
 Bottom Packer Depth 4510 Wt. Pipe Run — WL 9.6
 Total Depth 4588 Chlorides 6,000 ppm System LCM 1#

Blow Description IF - Packer failure, picked up & tried to re seat twice & lost fluid
ISF - Mis run, pull tool
~~IF -~~
~~ISF -~~

Rec	Feet of	%gas	%oil	%water	%mud
<u>443</u>	<u>WSM</u>		<u>3</u>	<u>97</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 443 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

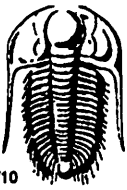
- (A) Initial Hydrostatic _____
 - (B) First Initial Flow _____
 - (C) First Final Flow _____
 - (D) Initial Shut-In _____
 - (E) Second Initial Flow _____
 - (F) Second Final Flow _____
 - (G) Final Shut-In _____
 - (H) Final Hydrostatic _____
- Initial Open _____
 Initial Shut-In _____
 Final Flow _____
 Final Shut-In _____

- Test 950
 - Jars 250
 - Safety Joint 75
 - Circ Sub _____
 - Hourly Standby _____
 - Mileage 161 Rt 120.75
 - Sampler _____
 - Straddle 600
 - Shale Packer _____
 - Extra Packer _____
 - Extra Recorder _____
 - Day Standby _____
 - Accessibility _____
- Sub Total 1995.75

- T-On Location 11:30
- T-Started 13:05
- T-Open 15:19
- T-Pulled 15:30
- T-Out 17:52
- Comments _____
- Ruined Shale Packer _____
- Ruined Packer _____
- Extra Copies _____
- Sub Total 0
- Total 1995.75
- MP/DST Disc't _____

Approved By _____ Our Representative [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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64178

Well Name & No. Carpenter "A" #1-23 Test No. 3 Date 6-19-17
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL
 Address 1723 N Rock Rd, Bldg 1 Ste 100, Wichita, KS 67206
 Co. Rep / Geo. Saman Sharifaie Rig Muffin #3
 Location: Sec. 23 Twp. 7S. Rge. 37W. Co. Sherman State KS

Interval Tested 4430 - 4510 Zone Tested LKC "I-5"
 Anchor Length 80' 78' T. pipe Drill Pipe Run 4270 Mud Wt. 9.2
 Top Packer Depth 4425 - 4430 (shale) Drill Collars Run 205 Vis 46
 Bottom Packer Depth 4510 Wt. Pipe Run - WL 9.6
 Total Depth 4588 Chlorides 6000 ppm System LCM 1#

Blow Description IF. Packer failure, picked up & tried to re-seat last fluid
IS. Mis-run, pull tool
~~IF.~~
~~FSI.~~

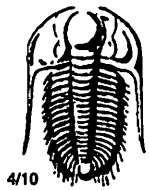
Rec	Feet of	%gas	%oil	%water	%mud
<u>405</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 405 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____ Test 950 T-On Location 17:52
 (B) First Initial Flow _____ Jars 250 T-Started 18:35
 (C) First Final Flow _____ Safety Joint 75 T-Open 20:41
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 20:46
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 23:43
 (F) Second Final Flow _____ Mileage 161 RT Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Initial Open _____ Extra Packer _____ Extra Copies _____
 Initial Shut-In _____ Extra Recorder _____ Sub Total 0
 Final Flow _____ Day Standby _____ Total 1875
 Final Shut-In _____ Accessibility _____ MP/DST Disc't _____
 Sub Total 1875

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64179

Well Name & No. Carpenter "A" #1-23 Test No. 4 Date 6-20-17
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL
 Address 1223 N. Rock Rd, BLDG 1 STE 100, Wichita, KS 67206
 Co. Rep / Geo. Samir Sharifaie Rig Murfin #3
 Location: Sec. 23 Twp. 7S Rge. 37W Co. Sherman State KS

Interval Tested 4551-4640 Zone Tested Altament
 Anchor Length 89' Drill Pipe Run ~~458~~ 458 Mud Wt. 8.7
 Top Packer Depth 4546 Drill Collars Run 205 Vis 49
 Bottom Packer Depth 4551 Wt. Pipe Run — WL —
 Total Depth 4640 Chlorides — ppm System LCM

Blow Description ISF - Packer failure, Picked up & tried to re-seat twice lost fluid
ISF - mis-run, pull tool
FF -
ESD -

Rec	Feet of	%gas	%oil	%water	%mud
<u>288</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 288 BHT _____ Gravity _____ API RW: _____ @ _____ °F Chlorides _____ ppm

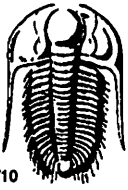
(A) Initial Hydrostatic _____ Test 950 T-On Location 10:31
 (B) First Initial Flow _____ Jars 250 T-Started 10:57
 (C) First Final Flow _____ Safety Joint 75 T-Open 12:49
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 12:55
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 15:41
 (F) Second Final Flow _____ Mileage 161 RT 120.75
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____
 _____ Shale Packer _____
 _____ Extra Packer _____
 _____ Extra Recorder _____
 _____ Day Standby _____
 _____ Accessibility _____
 Sub Total 1395.75

Comments _____

 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1395.75
 MP/DST Disc't _____

Approved By _____ Our Representative Mark Salter

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64180

Well Name & No. Carpenter "A" #1-23 Test No. 5 Date 6-20-17
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL
 Address 1223 N Rock Rd, Bldg 1 STE 100, Wichita, KS 67206
 Co. Rep / Geo. Samen Sherifae Rig Murfin #3
 Location: Sec. 23 Twp. 7S. Rge. 37W. Co. Sherman State KS

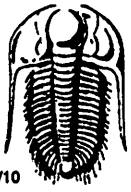
Interval Tested 4560 - 4640 Zone Tested Altament
 Anchor Length 80' Drill Pipe Run 4336 Mud Wt. 8.7
 Top Packer Depth 4550 - 4555 (shale) Drill Collars Run 205 Vis 49
 Bottom Packer Depth 4560 (shale) Wt. Pipe Run --- WL 7.2
 Total Depth 4640 Chlorides 5000 ppm System LCM 2#
 Blow Description IF - S. blow built to 3/4" @ 15 min & lost fluid picked up and re-seated
IF - lost fluid, packer failure, mis-run, pull tool
~~IF~~
~~FF~~
 FSI

Rec	Feet of	%gas	%oil	%water	%mud
<u>493</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 493 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____ Test 950 T-On Location 15:41
 (B) First Initial Flow _____ Jars 250 T-Started 16:44
 (C) First Final Flow _____ Safety Joint 75 T-Open 18:51
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 19:20
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 22:18
 (F) Second Final Flow _____ Mileage 161 Rt 120.75 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic _____ Straddle _____ Ruined Shale Packer 350
 Ruined Packer _____
 Extra Copies _____
 Initial Open _____ Extra Packer (Shale) Sub Total 350
 Initial Shut-In _____ Extra Recorder _____ Total 2245.75
 Final Flow _____ Day Standby _____ MP/DST Disc't _____
 Final Shut-In _____ Accessibility _____
 Sub Total 1895.75

Approved By _____ Our Representative Mark Johnson
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64181

Well Name & No. Carpenter "A" #1-23 Test No. 6 Date 6-21-17
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL
 Address 1223 N. Rock Rd, BLDG 1 STE 100, Wichita, KS 67206
 Co. Rep / Geo. Saman Sharifae Rig Murbin #3
 Location: Sec. 23 Twp. 7S. Rge. 37W. Co. Sherman State KS

Interval Tested 4736 - 4800 Zone Tested Cherokee LS
 Anchor Length 64' Drill Pipe Run 4523 Mud Wt. 9.0
 Top Packer Depth 4726 - 4731 (shale) Drill Collars Run 205 Vis 51
 Bottom Packer Depth 4736 (shale) Wt. Pipe Run — WL 8.0
 Total Depth 4800 Chlorides 5200 ppm System LCM 3H
 Blow Description IF - S. blow built to B.O.B @ 12 inches @ 1 min
ISI - No blow
FF - S. blow built to B.O.B (12 inches) @ 6 1/2 mins & died back to 9" @ shut in
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2586</u>	<u>MSW</u>		<u>97</u>	<u>3</u>	
<u>471</u>	<u>MCW</u>		<u>67</u>	<u>33</u>	
<u>0</u>	<u>Shut in tool plugged with</u>				
	<u>Cuttings</u>				

Rec Total 3057 BHT 146 Gravity — API RW 104 @ 71.5 °F Chlorides 81,000 ppm

(A) Initial Hydrostatic 2362 Test 1150 T-On Location 16:25
 (B) First Initial Flow 927 Jars 250 T-Started 17:19
 (C) First Final Flow 1450 Safety Joint 75 T-Open 19:32
 (D) Initial Shut-In 1500 Circ Sub — T-Pulled 22:32
 (E) Second Initial Flow 1459 Hourly Standby — T-Out 01:56
 (F) Second Final Flow 1501 Mileage 161RT 120.75
 (G) Final Shut-In 1505 Sampler —
 (H) Final Hydrostatic 2269 Straddle —
 Shale Packer 500
 Extra Packer Shale
 Extra Recorder —
 Day Standby —
 Accessibility —

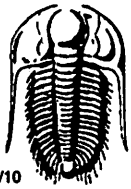
Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Sub Total 2095.75

Comments —
 Ruined Shale Packer —
 Ruined Packer —
 Extra Copies —
 Sub Total 0
 Total 2095.75
 MP/DST Disc't —

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64182

Well Name & No. Carpenter A 1-23 Test No. 7 Date 6-23-17
 Company Bravo Oil Co. Inc Elevation 3397 KB 3392 GL
 Address 1223 N. Rock Rd Bldg. 1 Ste 100 Wichita KS 67206
 Co. Rep / Geo. Saman Sharifae J Rig Murfin 3
 Location: Sec. 23 Twp. 7^s Rge. 37^w Co. Sherman State KS

Interval Tested 4370-4455 Zone Tested LKC "J"
 Anchor Length 85 Drill Pipe Run 4147 Mud Wt. 9.1
 Top Packer Depth 4370 Drill Collars Run 205 Vis 58
 Bottom Packer Depth 4455 Wt. Pipe Run 0 WL 9.6
 Total Depth 5012 Log TD Chlorides 6000 ppm System LCM 2

Blow Description _____

packer failure

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>250</u>	Feet of <u>MUD</u>				
Rec _____	Feet of _____				
Rec _____	Feet of _____				
Rec _____	Feet of _____				

Rec Total 250 BHT 120 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2163 Test 1050 T-On Location 6:30
 (B) First Initial Flow _____ Jars 250 T-Started 9:28
 (C) First Final Flow _____ Safety Joint 75 T-Open 11:55
 (D) Initial Shut-In _____ Circ Sub _____ T-Pulled 12:00
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 015:25
 (F) Second Final Flow _____ Mileage 120.75 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2116 Straddle 600 Ruined Shale Packer _____
 Shale Packer x3 750 Ruined Packer _____
 Initial Open _____ Extra Packer _____ Extra Copies _____
 Initial Shut-In _____ Extra Recorder _____ Sub Total 0
 Final Flow _____ Day Standby _____ Total 2845.75
 Final Shut-In _____ Accessibility _____ MP/DST Disc't _____
 Sub Total 2845.75

Approved By _____ Our Representative [Signature]
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