



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co. Inc**

1223 N. Rock Rd
Bldg I, STE 100,
Wichita, KS 67206

ATTN: Robert Hendrix

Polifka #1-31

31-12S-26W Gove,Co

Start Date: 2017.10.21 @ 13:17:00

End Date: 2017.10.21 @ 20:10:20

Job Ticket #: 63161 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.10.25 @ 17:04:48



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Co. Inc

31-12S-26W Gove,Co

1223 N. Rock Rd
Bldg I, STE 100,
Wichita, KS 67206
ATTN: Robert Hendrix

Polifka #1-31

Job Ticket: 63161

DST#: 1

Test Start: 2017.10.21 @ 13:17:00

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:16:30

Time Test Ended: 20:10:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

Interval: 3912.00 ft (KB) To 3932.00 ft (KB) (TVD)

Reference Elevations: 2637.00 ft (KB)

Total Depth: 3932.00 ft (KB) (TVD)

2627.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8959

Inside

Press@RunDepth: 32.87 psig @ 3913.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.10.21

End Date:

2017.10.21

Last Calib.:

2017.10.21

Start Time: 13:17:01

End Time:

20:10:20

Time On Btm:

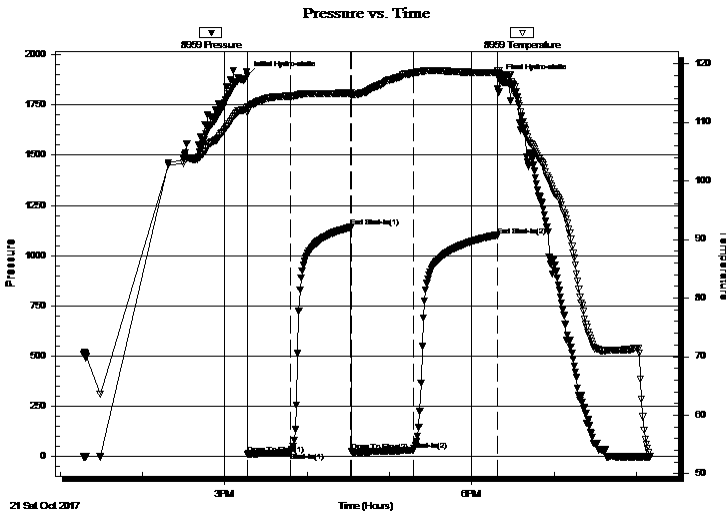
2017.10.21 @ 15:16:20

Time Off Btm:

2017.10.21 @ 18:20:09

TEST COMMENT: 30-IF-Weak blow built to 4"
45-ISI-Weak blow back @ 40 mins
45-FF-Weak blow built to 4 1/2"
60-FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.87	112.57	Initial Hydro-static
1	13.43	111.56	Open To Flow (1)
32	21.24	114.40	Shut-In(1)
76	1141.38	115.00	End Shut-In(1)
76	26.70	114.59	Open To Flow (2)
121	32.87	118.41	Shut-In(2)
183	1099.76	118.46	End Shut-In(2)
184	1881.49	118.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	GHOCM 10%G, 30%O, 60%M	0.35
39.00	CGO 20% G, 80%O	0.55

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co. Inc

31-12S-26W Gove, Co

1223 N. Rock Rd
Bldg I, STE 100,
Wichita, KS 67206
ATTN: Robert Hendrix

Polifka #1-31

Job Ticket: 63161

DST#: 1

Test Start: 2017.10.21 @ 13:17:00

Tool Information

Drill Pipe:	Length: 3909.00 ft	Diameter: 3.80 inches	Volume: 54.83 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 54.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3912.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 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			3897.00	
hydraulic tool	5.00			3902.00	
Packer	5.00			3907.00	20.00 Bottom Of Top Packer
Packer	5.00			3912.00	
stubb	1.00			3913.00	
Recorder	0.00	8959	Inside	3913.00	
Recorder	0.00	8734	Outside	3913.00	
Perforations	14.00			3927.00	
Bullnose	5.00			3932.00	20.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co. Inc

31-12S-26W Gove, Co

1223 N. Rock Rd
Bldg I, STE 100,
Wichita, KS 67206
ATTN: Robert Hendrix

Polifka #1-31

Job Ticket: 63161

DST#: 1

Test Start: 2017.10.21 @ 13:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24.3 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
25.00	GHOCM 10%G, 30%O, 60%M	0.351
39.00	CGO 20% G, 80%O	0.547

Total Length: 64.00 ft Total Volume: 0.898 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

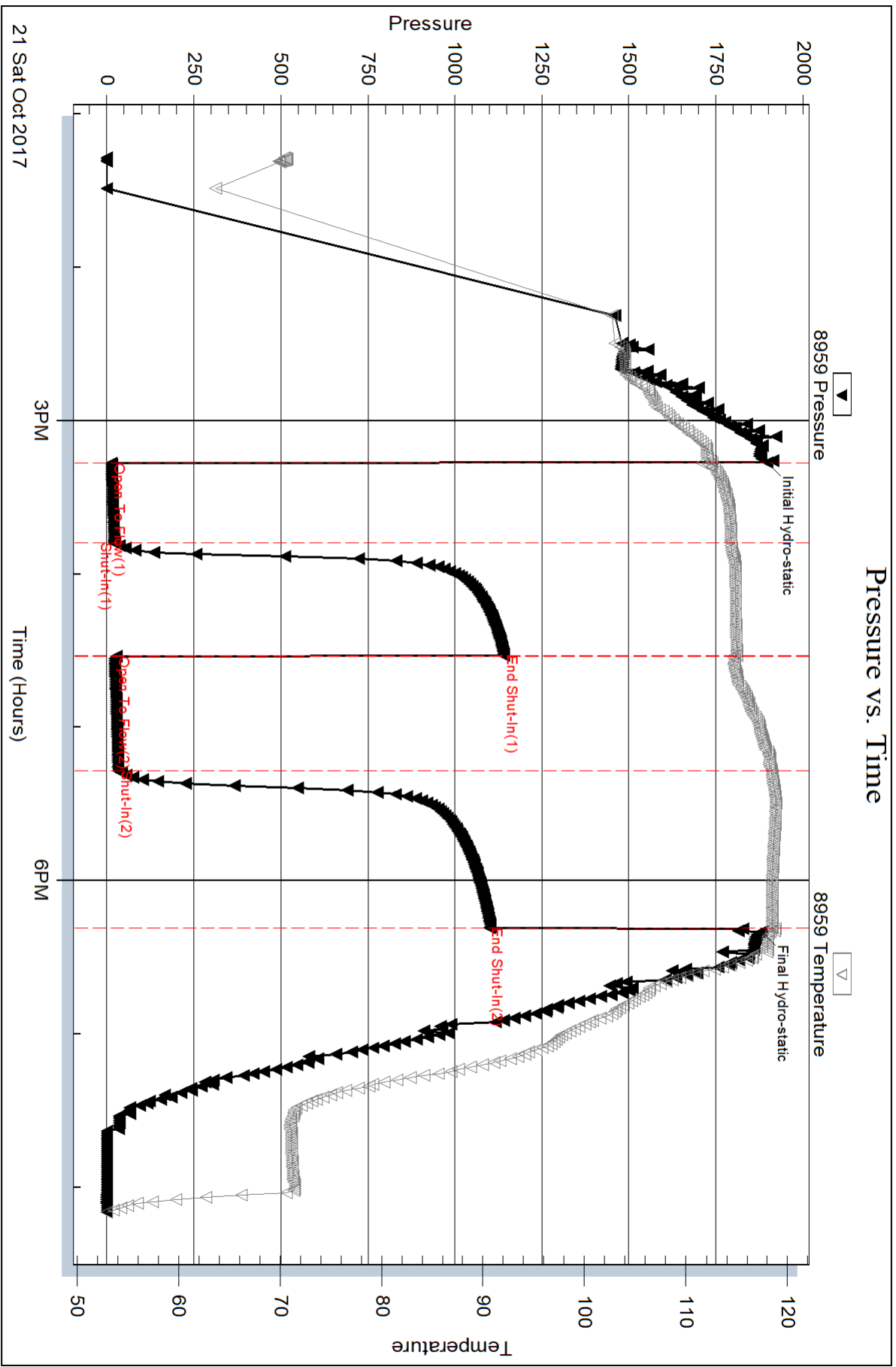
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 23.5 @ 52 degs

Gravity corrected to 24.3 @ 60 degs

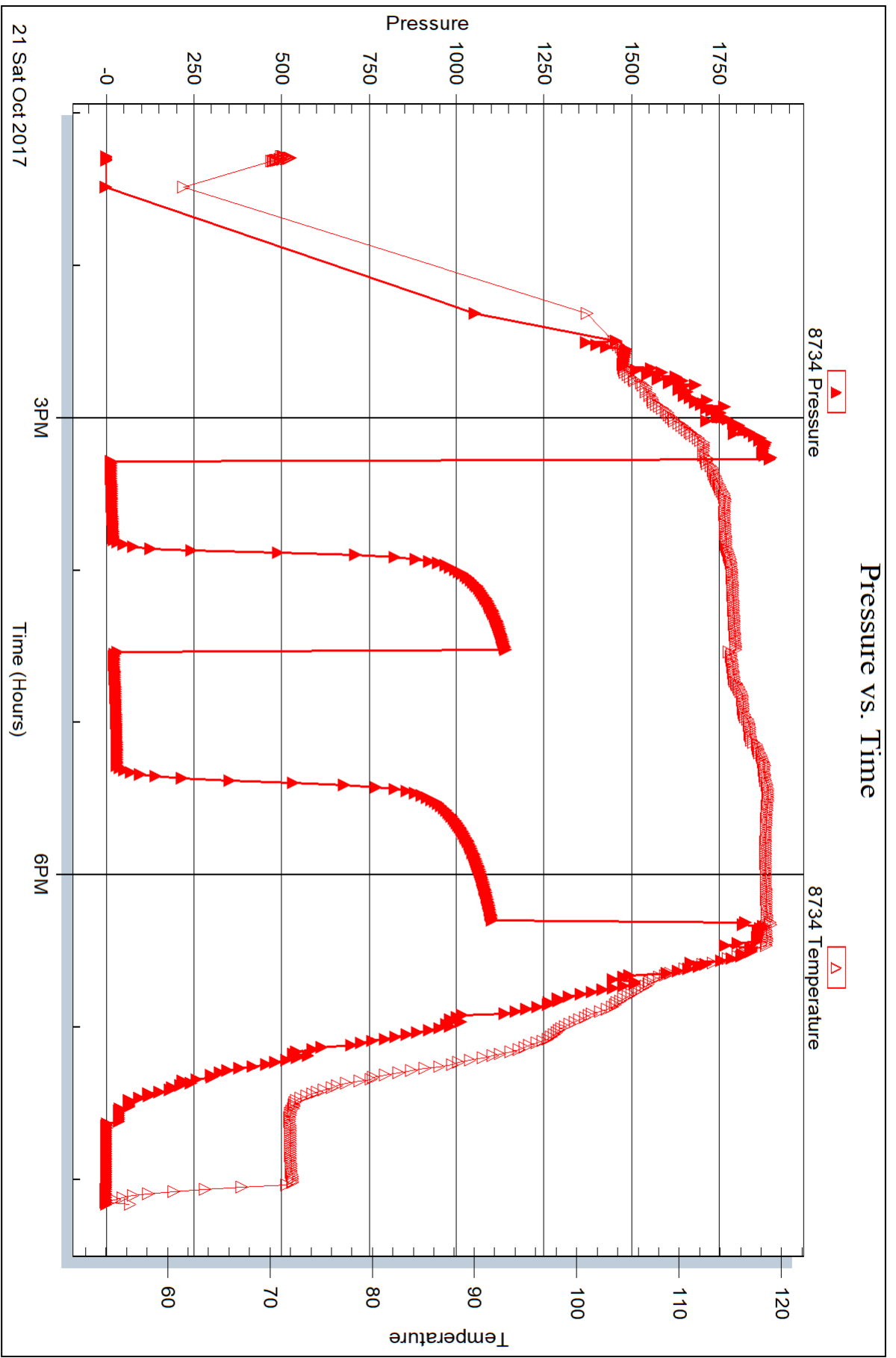


Serial #: 8734

Outside Brito Oil Co. Inc

Poitka #1-31

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63161

Printed: 2017.10.25 @ 17:04:49



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co. Inc**

1223 N. Rock Rd
Bldg I, STE 100,
Wichita, KS 67206

ATTN: Robert Hendrix

Polifka #1-31

31-12S-26W Gove,Co

Start Date: 2017.10.22 @ 15:22:00

End Date: 2017.10.22 @ 23:15:09

Job Ticket #: 63162 DST #: 2

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

Printed: 2017.10.25 @ 17:01:31

Brito Oil Co. Inc
31-12S-26W Gove,Co
Polifka #1-31
DST # 2
LKC " 1 "
2017.10.22



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Co. Inc
 1223 N. Rock Rd
 Bldg I, STE 100,
 Wichita, KS 67206
 ATTN: Robert Hendrix

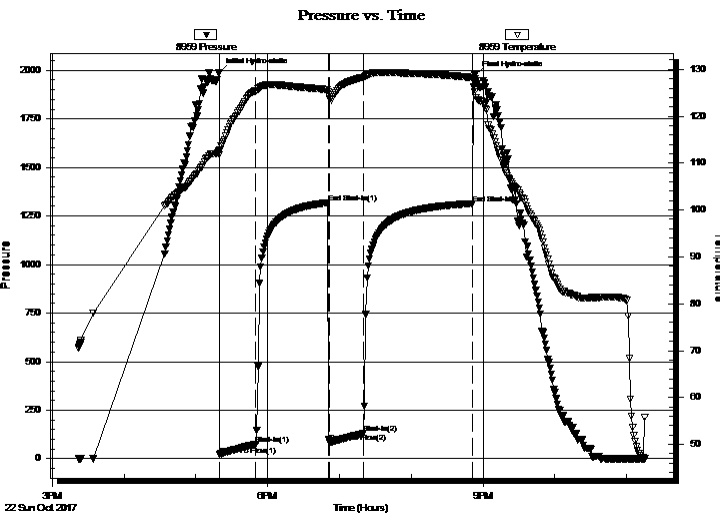
31-12S-26W Gove, Co
Polifka #1-31
 Job Ticket: 63162 **DST#: 2**
 Test Start: 2017.10.22 @ 15:22:00

GENERAL INFORMATION:

Formation: **LKC " I "**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 17:19:30 Tester: Martine Salinas
 Time Test Ended: 23:15:09 Unit No: 82
 Interval: **4059.00 ft (KB) To 4090.00 ft (KB) (TVD)** Reference Elevations: 2637.00 ft (KB)
 Total Depth: 4090.00 ft (KB) (TVD) 2627.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 10.00 ft

Serial #: 8959 Inside
 Press@RunDepth: 130.34 psig @ 4060.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.10.22 End Date: 2017.10.22 Last Calib.: 2017.10.22
 Start Time: 15:22:01 End Time: 23:15:10 Time On Btm: 2017.10.22 @ 17:19:20
 Time Off Btm: 2017.10.22 @ 20:53:09

TEST COMMENT: 30-IF- BOB @ 9 mins
 60-ISI- Blow back built to 4 1/4"
 30-FF- BOB @ 21 1/2 mins
 90-FSI- Blow back built to 3 1/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1989.31	112.55	Initial Hydro-static
1	20.56	111.81	Open To Flow (1)
31	75.39	125.38	Shut-In(1)
91	1318.88	125.67	End Shut-In(1)
93	82.60	124.08	Open To Flow (2)
121	130.34	128.30	Shut-In(2)
212	1314.56	128.25	End Shut-In(2)
214	1975.10	125.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	GHOCM 15%G, 25%O, 60%M	0.28
477.00	CGO 22%G, 78%O	6.69
0.00	271' GIP	0.00

* 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 Co. Inc

31-12S-26W Gove, Co

1223 N. Rock Rd
Bldg I, STE 100,
Wichita, KS 67206
ATTN: Robert Hendrix

Polifka #1-31

Job Ticket: 63162

DST#: 2

Test Start: 2017.10.22 @ 15:22:00

Tool Information

Drill Pipe:	Length: 4068.00 ft	Diameter: 3.80 inches	Volume: 57.06 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.06 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4059.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	51.00 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			4044.00	
hydraulic tool	5.00			4049.00	
Packer	5.00			4054.00	20.00 Bottom Of Top Packer
Packer	5.00			4059.00	
stubb	1.00			4060.00	
Recorder	0.00	8959	Inside	4060.00	
Recorder	0.00	8734	Outside	4060.00	
Perforations	25.00			4085.00	
Bullnose	5.00			4090.00	31.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



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1223 N. Rock Rd
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Wichita, KS 67206
ATTN: Robert Hendrix

Polifka #1-31

Job Ticket: 63162

DST#: 2

Test Start: 2017.10.22 @ 15:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	GHOCM 15%G, 25%O, 60%M	0.281
477.00	CGO 22%G, 78%O	6.691
0.00	271' GIP	0.000

Total Length: 497.00 ft Total Volume: 6.972 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 23.8 @ 48 degs

Gravity corrected to 25 @ 60 degs

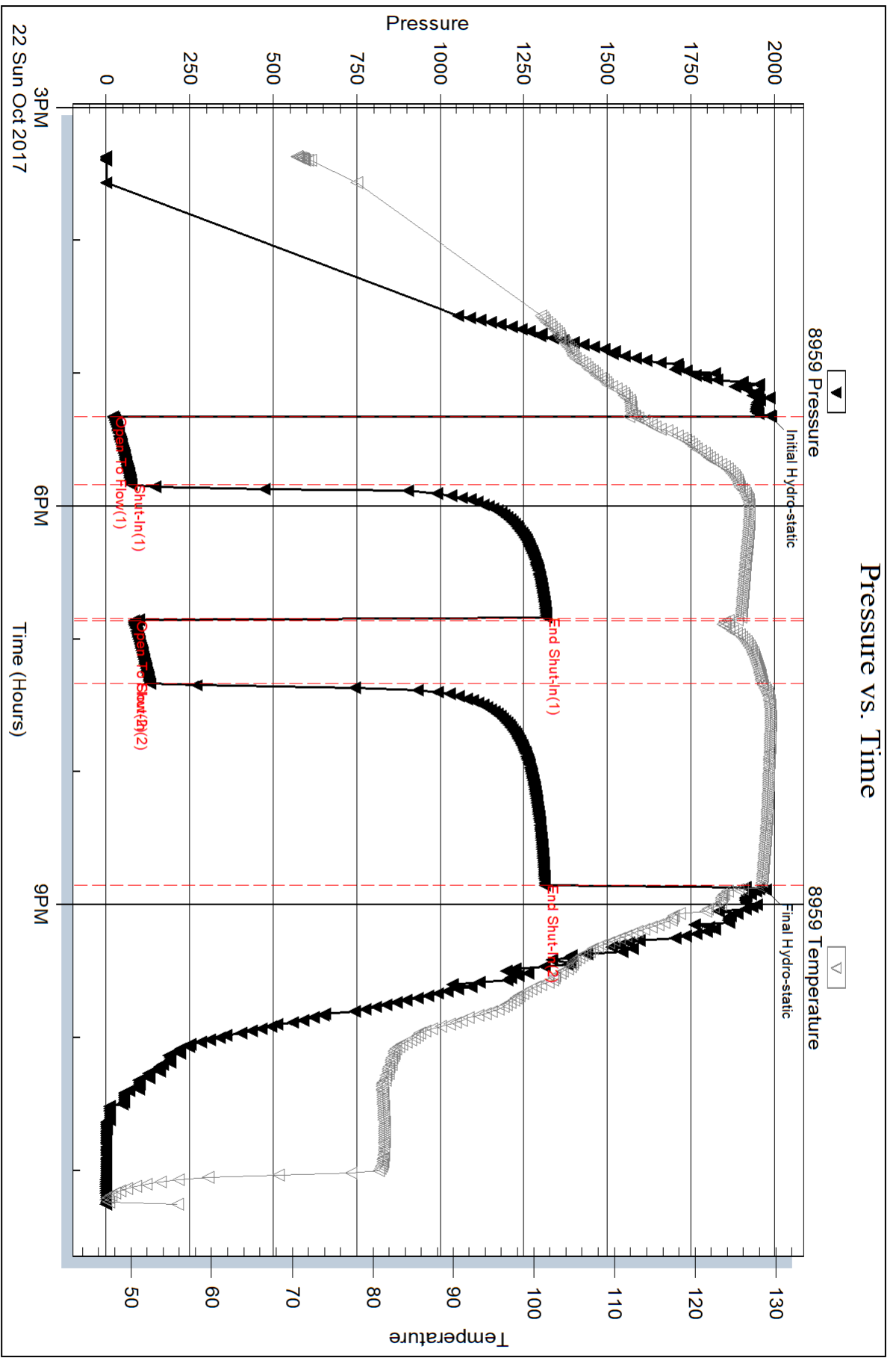
Serial #: 8959

Inside

Brito Oil Co. Inc

Poitfka #1-31

DST Test Number: 2

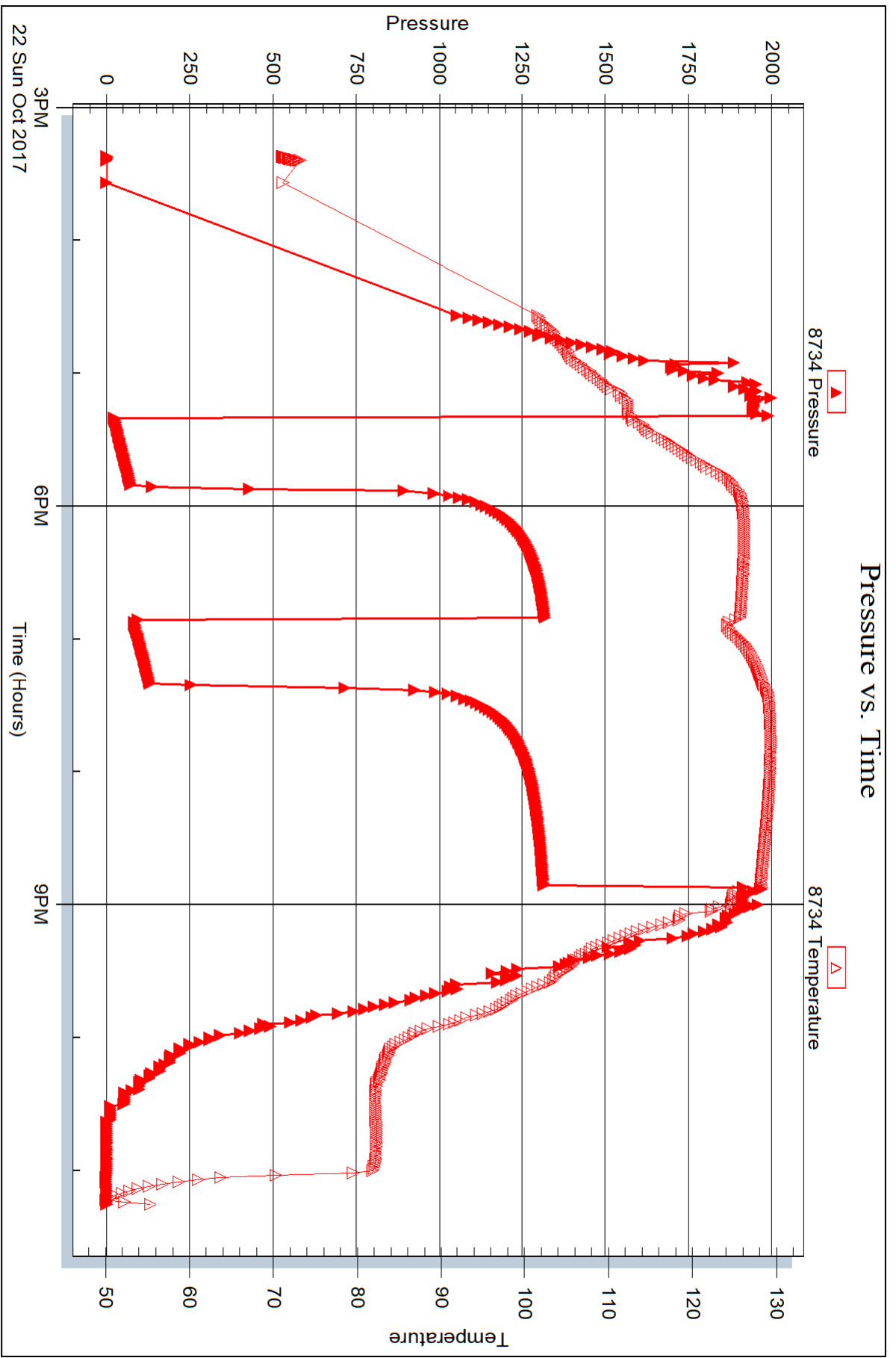


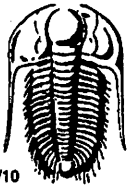
Serial #: 8734

Outside Brito Oil Co. Inc

Poitfka #1-31

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63161

Well Name & No. Polifka ~~11111~~ H 1-31 Test No. 1 Date 10-21-17
 Company Brito Oil Co. Inc. Elevation 2637 KB 2627 GL
 Address 1223 N. Rock Rd, BLDG 1, STE 100 Wichita, KS 67206
 Co. Rep / Geo. Robert Hendrix Rig Southwind #8
 Location: Sec. 31 Twp. 12 Rge. 26 Co. Gove State KS

Interval Tested 3912 - 3932 Zone Tested LKC "B"
 Anchor Length 20 Drill Pipe Run 3909 Mud Wt. 9.1
 Top Packer Depth 3907 Drill Collars Run — Vis 55
 Bottom Packer Depth 3912 Wt. Pipe Run — WL 7.2
 Total Depth 3932 Chlorides 2260 ppm System LCM 2#

Blow Description IF: S. blow built to 4"
ISI: S. blow back dead @ 40 mins.
FF: S. blow built to 4 1/2"
FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>25</u>	<u>G HOCM</u>	<u>10</u>	<u>30</u>	<u>60</u>	
<u>39</u>	<u>C G O</u>	<u>20</u>	<u>80</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

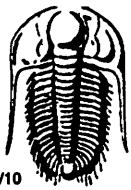
Rec Total 64 BHT 118 Gravity 24.3 API RW @ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1897 Test 1050 T-On Location 12:38
 (B) First Initial Flow 13 Jars _____ T-Started 13:17
 (C) First Final Flow 21 Safety Joint _____ T-Open 15:16
 (D) Initial Shut-In 1141 Circ Sub _____ T-Pulled 18:16
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 20:10
 (F) Second Final Flow 33 Mileage 118 RT 88.50 Comments _____
 (G) Final Shut-In 1100 Sampler _____
 (H) Final Hydrostatic 1881 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1138.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1138.50

Initial Open 30
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 60

Approved By [Signature] 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.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63162

Well Name & No. Polifka # 1-31 Test No. 2 Date 10-22-17
 Company Brito Oil Co Inc Elevation 2637 KB 2627 GL
 Address 1223 N. Rock Rd, BLDG 1, STE 160, Wichita, KS 67206
 Co. Rep / Geo. Robert Hendrix Rig Southwind # 8
 Location: Sec. 31 Twp. 12 Rge. 26 Co. Gove State KS

Interval Tested 4059-4090 Zone Tested LKC I
 Anchor Length 31' Drill Pipe Run 4068 Mud Wt. 9.1
 Top Packer Depth 4054 Drill Collars Run — Vis SS
 Bottom Packer Depth 4059 Wt. Pipe Run — WL 8.0
 Total Depth 4090 Chlorides 3300 ppm System LCM 2#

Blow Description IF - S. blow built to B.O.B. (12 inches) @ 9 mins
IST - Blow back built to 4 1/4"
FF - S. blow built to B.O.B. (12 inches) @ 21 1/2 mins
FBI - Blow back built to 3 1/4"

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>G HOCM</u>	<u>15</u>	<u>25</u>	<u>60</u>	
<u>477</u>	<u>CGO</u>				
<u>0</u>	<u>271' GIP</u>				

Rec Total 497 BHT 125 Gravity 25 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1989 Test 1050 T-On Location 14:55
 (B) First Initial Flow 21 Jars — T-Started 15:22
 (C) First Final Flow 75 Safety Joint — T-Open 17:20
 (D) Initial Shut-In 1319 Circ Sub — T-Pulled 20:50
 (E) Second Initial Flow 83 Hourly Standby — T-Out 23:16
 (F) Second Final Flow 130 Mileage 118 RTX 2 177 Comments Tools loaded @
 (G) Final Shut-In 1315 Sampler — 15:18 10-24-17
 (H) Final Hydrostatic 1975 Straddle —
 Ruined Shale Packer —
 Shale Packer —
 Ruined Packer —
 Extra Packer —
 Extra Copies —
 Extra Recorder —
 Day Standby 1.5d 3h Sub Total 800
 Accessibility — Total 2027
 Sub Total 1227 MP/DST Disc't —

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 90

Approved By [Signature] Our Representative [Signature]

Tribolite 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.