



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324

ATTN: Robert Hendrix

Wylie #1-31

31-12S-26W Gove,KS

Start Date: 2019.04.12 @ 14:46:00

End Date: 2019.04.13 @ 00:04:00

Job Ticket #: 65112 DST #: 1

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

Printed: 2019.04.16 @ 09:26:53



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Company Inc
 8100 E 22nd ST N
 Bldg 600, Suite R
 Wichita KS 67226+2324
 ATTN: Robert Hendrix

31-12S-26W Gove,KS
Wylie #1-31
 Job Ticket: 65112 **DST#: 1**
 Test Start: 2019.04.12 @ 14:46:00

GENERAL INFORMATION:

Formation: **LKC 'B'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:04:30
 Time Test Ended: 00:04:00
 Interval: **3920.00 ft (KB) To 3939.00 ft (KB) (TVD)**
 Total Depth: 3939.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2640.00 ft (KB)
 2630.00 ft (CF)
 KB to GR/CF: 10.00 ft

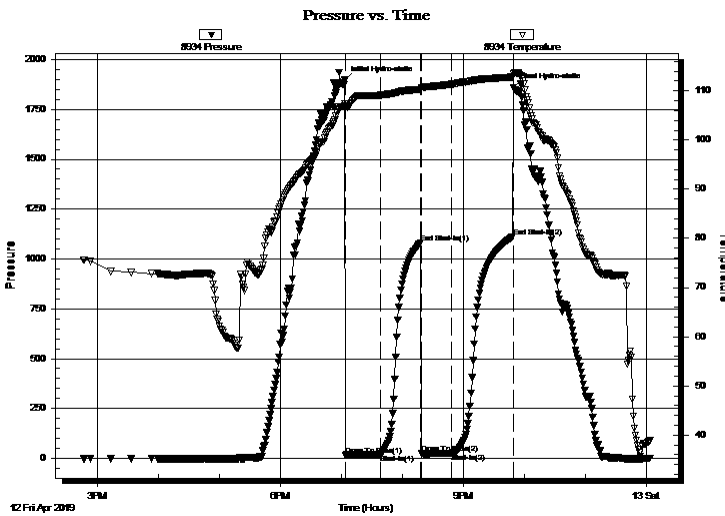
Serial #: 8934

Inside

Press@RunDepth: 26.58 psig @ 3921.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.12 End Date: 2019.04.13 Last Calib.: 2019.04.13
 Start Time: 14:46:15 End Time: 00:04:00 Time On Btm: 2019.04.12 @ 19:03:30
 Time Off Btm: 2019.04.12 @ 21:49:45

TEST COMMENT: 30-IF-Weak; Built to 3"
 45-ISI-No Return
 30-FF-Weak; Built to 2"
 60-FSI-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.40	107.05	Initial Hydro-static
1	17.34	106.91	Open To Flow (1)
35	20.79	109.08	Shut-In(1)
75	1081.67	110.32	End Shut-In(1)
76	23.64	110.61	Open To Flow (2)
105	26.58	111.34	Shut-In(2)
166	1111.32	112.82	End Shut-In(2)
167	1859.47	113.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SMCO 5%M 95%O	0.64

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65112

DST#: 1

Test Start: 2019.04.12 @ 14:46:00

Tool Information

Drill Pipe:	Length: 3908.00 ft	Diameter: 3.82 inches	Volume: 55.40 bbl	Tool Weight: 2000.00 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: 61000.00 lb
			<u>Total Volume: 55.40 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3920.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3892.00	
Shut In Tool	5.00			3897.00	
Hydraulic tool	5.00			3902.00	
EM Tool	5.00			3907.00	
Safety Joint	3.00			3910.00	
Packer	5.00			3915.00	29.00 Bottom Of Top Packer
Packer	5.00			3920.00	
Stubb	1.00			3921.00	
Recorder	0.00	8934	Inside	3921.00	
Recorder	0.00	8352	Outside	3921.00	
Perforations	15.00			3936.00	
Bullnose	3.00			3939.00	19.00 Bottom Packers & Anchor

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65112

DST#: 1

Test Start: 2019.04.12 @ 14:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

24 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SMCO 5%M 95%O	0.638

Total Length: 45.00 ft Total Volume: 0.638 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

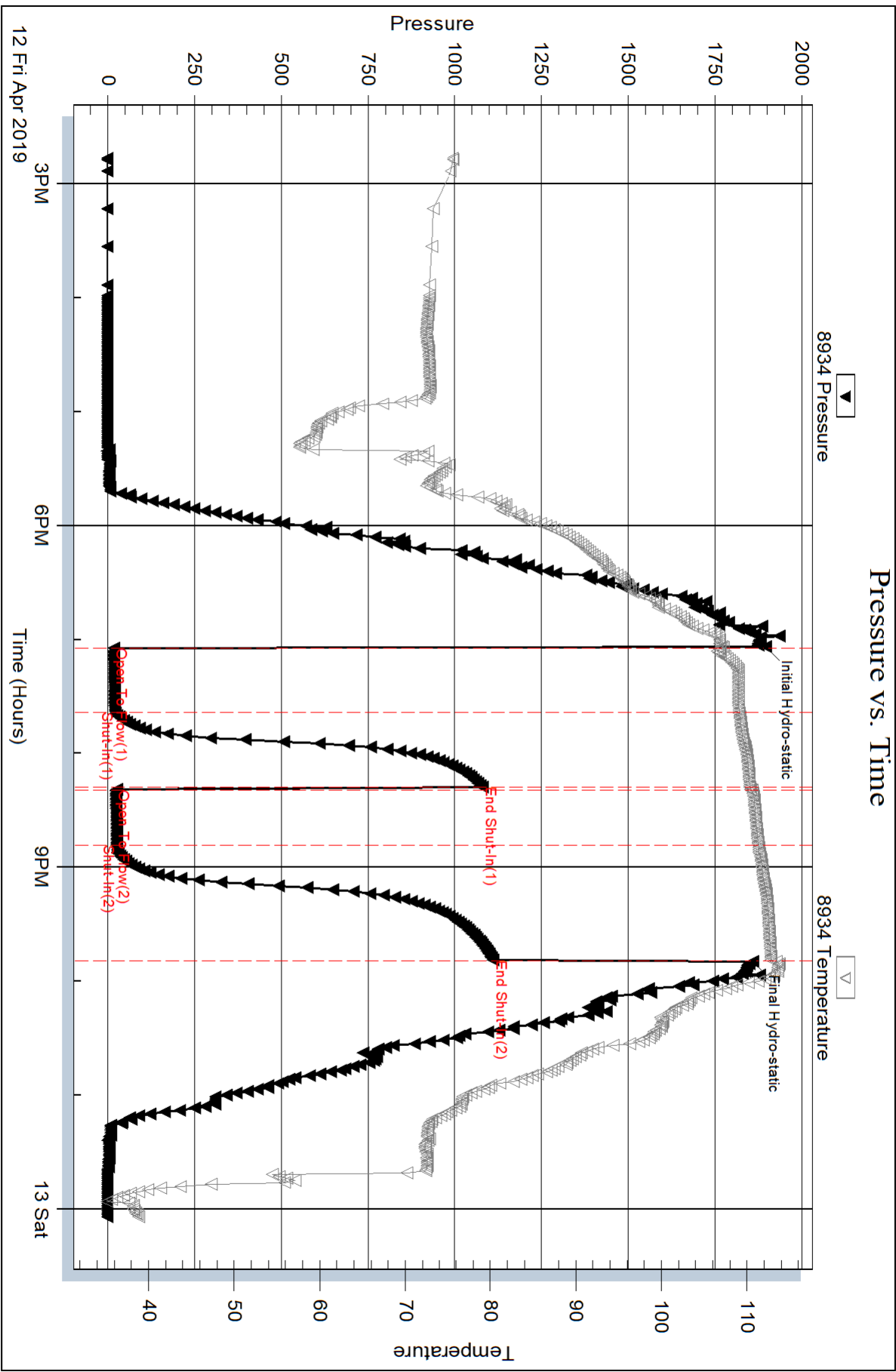
Serial #: 8934

Inside

Brito Oil Company Inc

Wylie #1-31

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65112

Printed: 2019.04.16 @ 09:26:54

Serial #: 8352

Outside Brito Oil Company Inc

Wylie #1-31

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65112

Printed: 2019.04.16 @ 09:26:54



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324

ATTN: Robert Hendrix

Wylie #1-31

31-12S-26W Gove,KS

Start Date: 2019.04.13 @ 14:30:00

End Date: 2019.04.13 @ 22:43:15

Job Ticket #: 65113 DST #: 2

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

Printed: 2019.04.16 @ 08:22:39



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Brito Oil Company Inc
8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

31-12S-26W Gove,KS

Wylie #1-31

Job Ticket: 65113

DST#: 2

Test Start: 2019.04.13 @ 14:30:00

GENERAL INFORMATION:

Formation: **LKC 'I'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:44:15
 Time Test Ended: 22:43:15
 Interval: **4062.00 ft (KB) To 4095.00 ft (KB) (TVD)**
 Total Depth: 4095.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2640.00 ft (KB)
 2630.00 ft (CF)
 KB to GR/CF: 10.00 ft

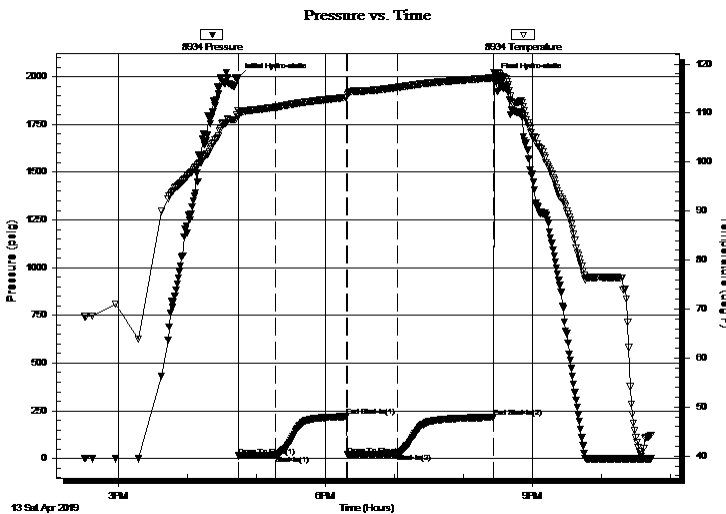
Serial #: 8934

Inside

Press@RunDepth: 25.32 psig @ 4063.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.04.13 End Date: 2019.04.13 Last Calib.: 2019.04.13
 Start Time: 14:30:15 End Time: 22:43:15 Time On Btm: 2019.04.13 @ 16:44:00
 Time Off Btm: 2019.04.13 @ 20:26:30

TEST COMMENT: 30-IF-Weak; Built to 3 1/4"
 60-ISI-No Return
 45-FF-Weak; Built to 3"
 90-FF-No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1997.39	110.58	Initial Hydro-static
1	14.32	109.30	Open To Flow (1)
33	17.99	111.18	Shut-In(1)
94	219.77	113.19	End Shut-In(1)
95	18.95	113.74	Open To Flow (2)
139	25.32	115.22	Shut-In(2)
222	215.83	117.18	End Shut-In(2)
223	1995.13	118.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	FO 97%O 3%M	0.50

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65113

DST#: 2

Test Start: 2019.04.13 @ 14:30:00

Tool Information

Drill Pipe:	Length: 4065.00 ft	Diameter: 3.82 inches	Volume: 57.62 bbl	Tool Weight: 2000.00 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: 61000.00 lb
			<u>Total Volume: 57.62 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4062.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4034.00	
Shut In Tool	5.00			4039.00	
Hydraulic tool	5.00			4044.00	
EM Tool	5.00			4049.00	
Safety Joint	3.00			4052.00	
Packer	5.00			4057.00	29.00 Bottom Of Top Packer
Packer	5.00			4062.00	
Stubb	1.00			4063.00	
Recorder	0.00	8934	Inside	4063.00	
Recorder	0.00	8352	Outside	4063.00	
Perforations	29.00			4092.00	
Bullnose	3.00			4095.00	33.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Company Inc

31-12S-26W Gove,KS

8100 E 22nd ST N
Bldg 600, Suite R
Wichita KS 67226+2324
ATTN: Robert Hendrix

Wylie #1-31

Job Ticket: 65113

DST#: 2

Test Start: 2019.04.13 @ 14:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	FO 97%O 3%M	0.496

Total Length: 35.00 ft Total Volume: 0.496 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

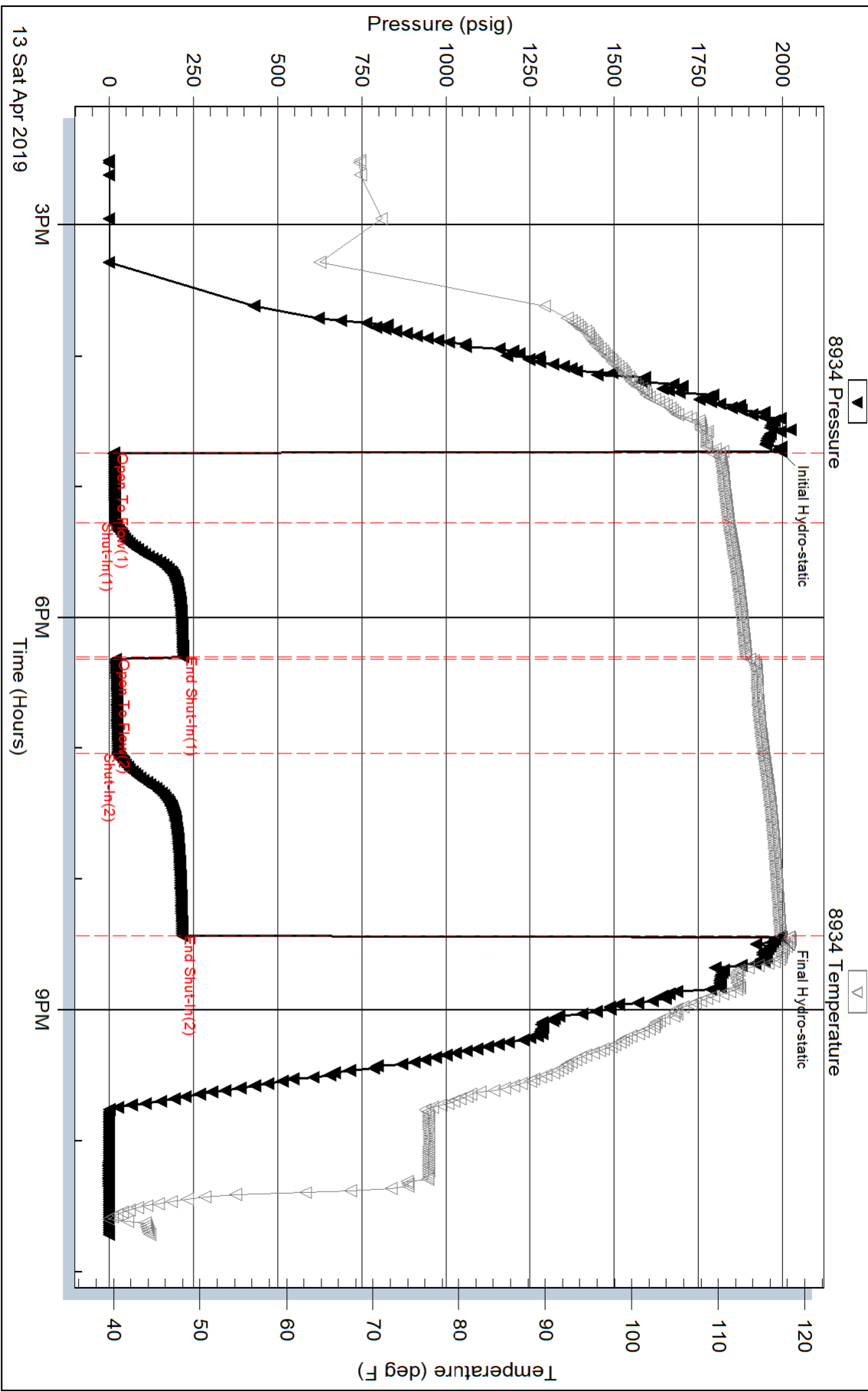
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

Pressure vs. Time

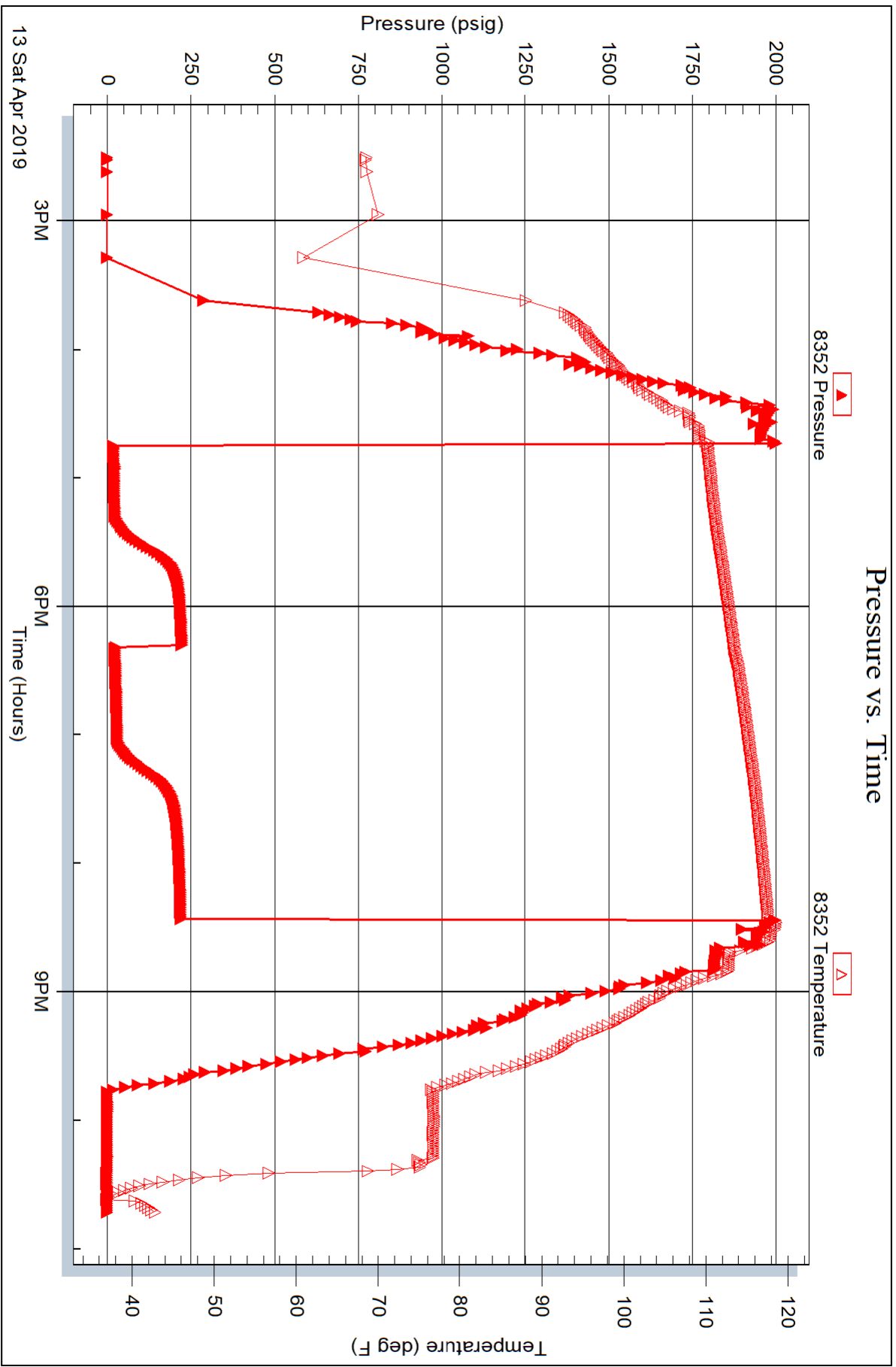


Serial #: 8352

Outside Brito Oil Company Inc

Wylie #1-31

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65112

Well Name & No. Wylie #1-31 Test No. 1 Date 04/12/2019
 Company Brito Oil Company Inc Elevation 2640 KB 2630 GL
 Address 8100 E 22nd St R0 Bldg 600, Suite R Wichita, KS 67261-324
 Co. Rep / Geo. Robert Hendrix Rig Southwind #8
 Location: Sec. 31 Twp 12s Rge. 26w Co. Done State Ks

Interval Tested 3920' - 3939' Zone Tested LHC 'B'
 Anchor Length 19' Drill Pipe Run 3908' Mud Wt. 8.8
 Top Packer Depth 3915' Drill Collars Run - Vis 54
 Bottom Packer Depth 3920' Wt. Pipe Run - WL 6.4
 Total Depth 3939' Chlorides 1200 ppm System LCM 2#

Blow Description 77-Weak Blow; Built to 3"
78- No Return
77-Weak; Built to 2"
78- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>45'</u>	<u>FO</u>	<u>95</u>		<u>.5</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

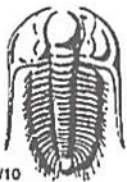
Rec Total 45' BHT 1120 Gravity 24° API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1896 Test 1200 T-On Location 14:19
 (B) First Initial Flow 17 Jars - T-Started 14:46
 (C) First Final Flow 20 Safety Joint - T-Open 19:04
 (D) Initial Shut-In 1081 Circ Sub - T-Pulled 21:50
 (E) Second Initial Flow 23 Hourly Standby 1 .75h 75 T-Out 00:02 04/13/2019
 (F) Second Final Flow 26 Mileage 14027 140 Comments -
 (G) Final Shut-In 1111 Sampler -
 (H) Final Hydrostatic 1859 Straddle - EM Tool 350
 Ruined Shale Packer -
 Ruined Packer -
 Extra Packer -
 Extra Recorder -
 Extra Copies -
 Day Standby -
 Accessibility -
 Sub Total 1415 Total 1765

Initial Open 30
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 60
 Approved By _____ Our Representative Granger J. Stead Thanks!
 Sub Total 1415 MP/DST Disc't -

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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65113

Well Name & No. Wylie #1-31 Test No. 2 Date 04/13/2019
 Company Brito Oil Company Inc Elevation 2640 KB 2630 GL
 Address 8100 E 22nd St N Bldg 600 Suite R Wichita KS 67226+2324
 Co. Rep / Geo. Robert Hendrix Rig Southernwind #8
 Location: Sec. 31 Twp 24 Rge. 26w Co. Nowe State KS

Interval Tested 4062' - 4095' Zone Tested LKC 'D'
 Anchor Length 33' Drill Pipe Run 4065' Mud Wt. 9.1
 Top Packer Depth 4057' Drill Collars Run - Vis 58
 Bottom Packer Depth 4062' Wt. Pipe Run - WL 6.0
 Total Depth 4095' Chlorides 2600 ppm System LCM 2#

Blow Description 67- Weak; Built to 3 1/4"
68- No Return
77- Weak Built to 3"
78- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>FO</u>	<u>97</u>		<u>3</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 35 BHT 117° Gravity 26° API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 1997 Test 1300 T-On Location 14:10
 (B) First Initial Flow 14 Jars - T-Started 14:30
 (C) First Final Flow 17 Safety Joint - T-Open 16:40
 (D) Initial Shut-In 219 Circ Sub - T-Pulled 20:25
 (E) Second Initial Flow 18 Hourly Standby - T-Out 22:40
 (F) Second Final Flow 25 Mileage 140 RT x 2 140+140 Comments loaded @ 16:00
 (G) Final Shut-In 215 Sampler - had to wait on loggers
 (H) Final Hydrostatic 1995 Straddle - for an hr 04/15/2019
 EM Tool 350

Initial Open 30 Shale Packer - Ruined Shale Packer -
 Initial Shut-In 60 Extra Packer - Ruined Packer -
 Final Flow 45 Extra Recorder - Extra Copies -
 Final Shut-In 90 Day Standby 4 hrs 1.5d 5.25h Sub Total 350+800
 Accessibility - Total 2730
 Sub Total 1580 MP/DST Disc't -

Approved By _____ Our Representative Spencer J. Frank

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.