

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

Confidentiality Requested

Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Brito Oil Company, Inc.
Well Name	EGELAND 1-14
Doc ID	1400941

Tops

Name	Top	Datum
B/Anhydrite	3069	363
Heebner	4235	-803
Lansing	4286	-854
Muncie Crk	4417	-985
Stark	4494	-1062
BKC	4549	-1117
Marmaton	4561	-1129
Pawnee	4688	-1256
Ft Scott	4746	-1314
Cherokee	4780	-1348
Mississippi	4984	-1552





## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock Rd  
Bldg I Ste 100  
Wichita, KS 67206

ATTN: Robert Hendrix

### **Egeland #1-14**

#### **14-7S.-37W Sherman,KS**

Start Date: 2018.02.10 @ 03:47:00

End Date: 2018.02.10 @ 11:08:00

Job Ticket #: 63422                      DST #: 1

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

Printed: 2018.02.16 @ 09:55:11



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63422

**DST#: 1**

Test Start: 2018.02.10 @ 03:47:00

## GENERAL INFORMATION:

Formation: **LKC "E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:19:20

Time Test Ended: 11:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

**Interval: 4350.00 ft (KB) To 4388.00 ft (KB) (TVD)**

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4388.00 ft (KB) (TVD)

3427.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8959**

**Inside**

Press@RunDepth: 651.43 psig @ 4351.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.10

End Date:

2018.02.10

Last Calib.: 2018.02.10

Start Time: 03:47:01

End Time:

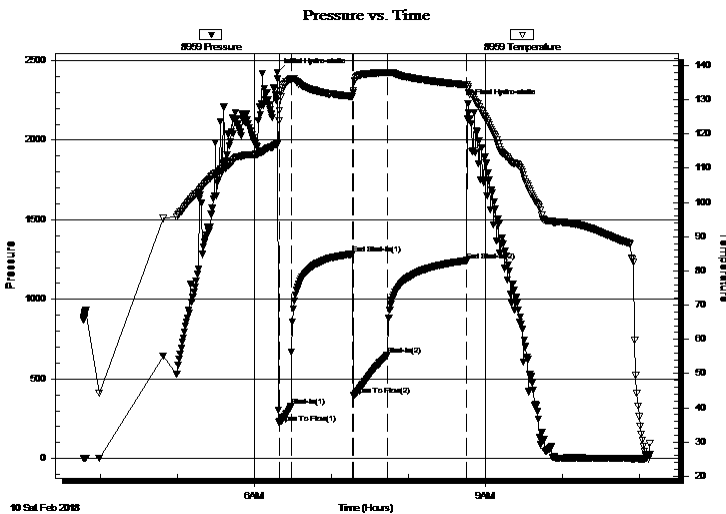
11:08:00

Time On Btm: 2018.02.10 @ 06:18:10

Time Off Btm: 2018.02.10 @ 08:46:30

**TEST COMMENT:** 10-IF-Good blow built to 41 1/2"  
45-ISI-Decreased to 34"  
30-FF-Good.blow built to 74"  
60-FSI-Decreased to 57 1/2"

## PRESSURE SUMMARY



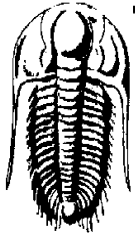
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2425.34	117.20	Initial Hydro-static
2	223.81	123.87	Open To Flow (1)
11	327.58	136.12	Shut-In(1)
59	1284.19	130.91	End Shut-In(1)
59	398.36	132.09	Open To Flow (2)
86	651.43	137.92	Shut-In(2)
148	1243.85	134.37	End Shut-In(2)
149	2228.84	133.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1071.00	MSW 3%M, 97%W	13.08
252.00	HMCW 30%M, 70%W	3.53
0.00	Heavy oil spots in tool	0.00

## 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: Robert Hendrix

**14-7S.-37W Sherman,KS**

**Egeland #1-14**

Job Ticket: 63422

**DST#: 1**

Test Start: 2018.02.10 @ 03:47:00

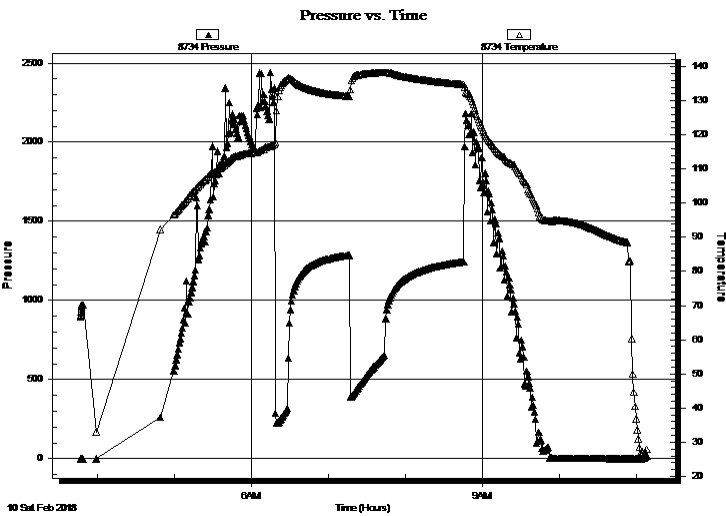
### GENERAL INFORMATION:

Formation: **LKC "E"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 06:19:20 Tester: Martine Salinas  
 Time Test Ended: 11:08:00 Unit No: 82  
 Interval: **4350.00 ft (KB) To 4388.00 ft (KB) (TVD)** Reference Elevations: 3432.00 ft (KB)  
 Total Depth: 4388.00 ft (KB) (TVD) 3427.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: psig @ 4351.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2018.02.10	End Date: 2018.02.10
Start Time: 03:47:01	End Time: 11:08:10
	Last Calib.: 2018.02.10
	Time On Btm:
	Time Off Btm:

**TEST COMMENT:** 10-IF-Good blow built to 41 1/2"  
 45-ISI-Decreased to 34"  
 30-FF-Good.blow built to 74"  
 60-FSI-Decreased to 57 1/2"



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
1071.00	MSW 3%M, 97%W	13.08
252.00	HMCW 30%M, 70%W	3.53
0.00	Heavy 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

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63422

**DST#: 1**

Test Start: 2018.02.10 @ 03:47:00

## Tool Information

Drill Pipe:	Length: 4118.00 ft	Diameter: 3.80 inches	Volume: 57.76 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: 213.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 58.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4350.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 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			4327.00	
Hydraulic tool	5.00			4332.00	
Jars	5.00			4337.00	
Safety Joint	3.00			4340.00	
Packer	5.00			4345.00	28.00 Bottom Of Top Packer
Packer	5.00			4350.00	
Stubb	1.00			4351.00	
Recorder	0.00	8959	Inside	4351.00	
Recorder	0.00	8734	Outside	4351.00	
Perforations	32.00			4383.00	
Bullnose	5.00			4388.00	38.00 Bottom Packers & Anchor

**Total Tool Length: 66.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63422

**DST#: 1**

Test Start: 2018.02.10 @ 03:47:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 6.35 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3500.00 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
1071.00	MSW 3%M, 97%W	13.083
252.00	HMCW 30%M, 70%W	3.535
0.00	Heavy oil spots in tool	0.000

Total Length: 1323.00 ft      Total Volume: 16.618 bbl

Num Fluid Samples: 0

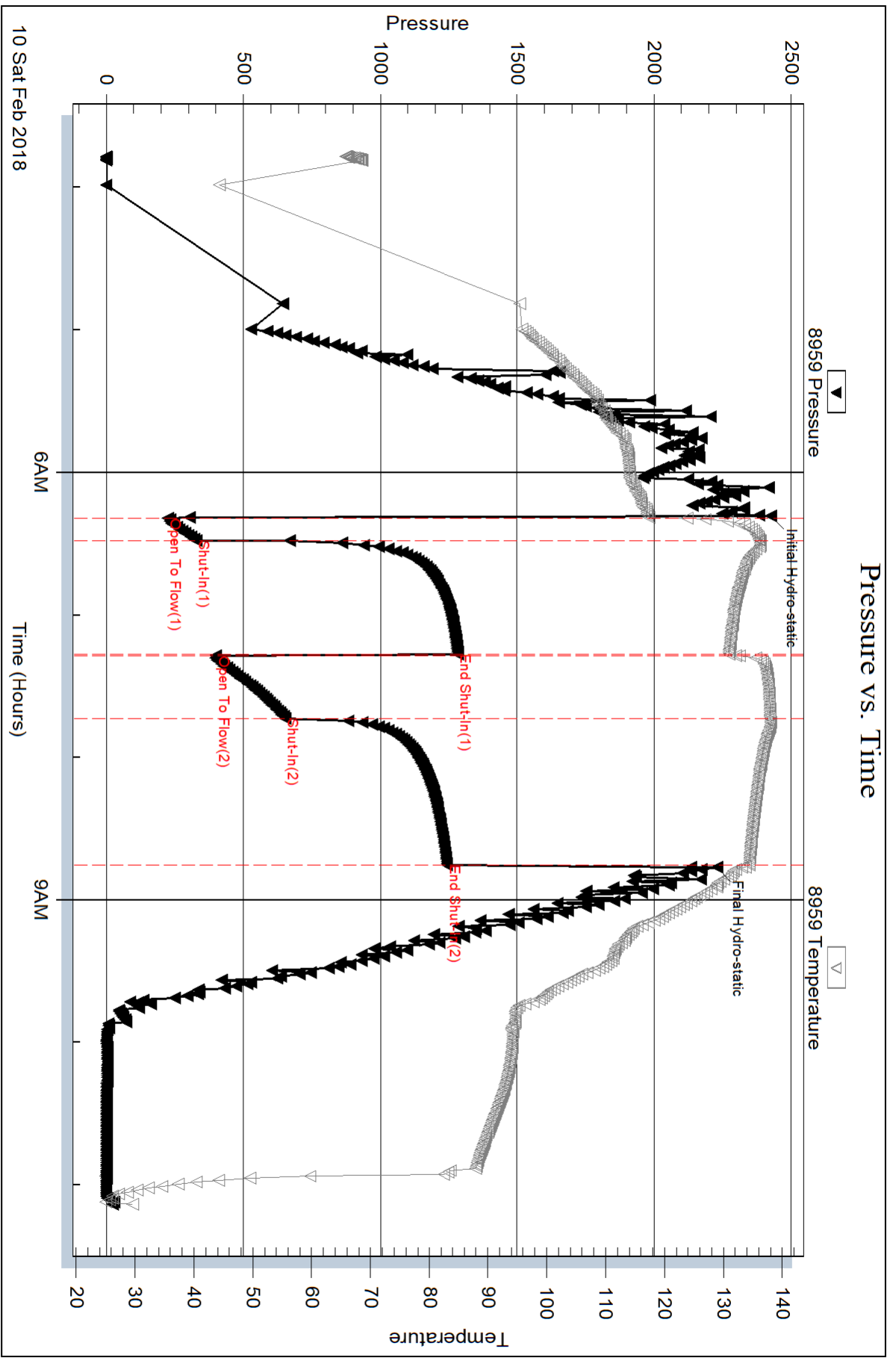
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= 7.14 @ 8.5 degs= 27,000PPM

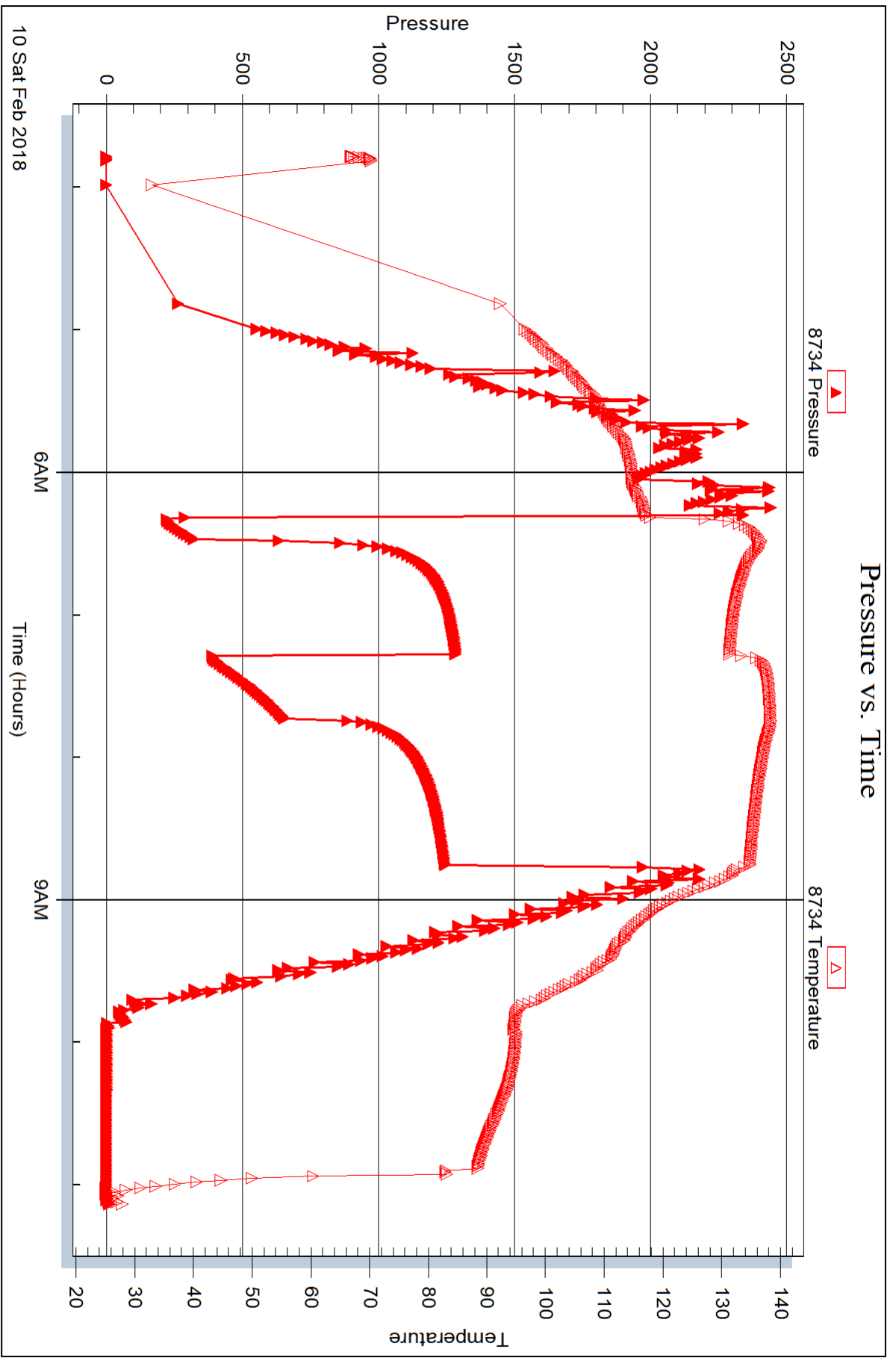


Serial #: 8734

Outside Brito Oil Company Inc

Egeland #1-14

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63422

Printed: 2018.02.16 @ 09:55:12



## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock Rd  
Bldg I Ste 100  
Wichita, KS 67206

ATTN: Robert Hendrix

### **Egeland #1-14**

#### **14-7S.-37W Sherman,KS**

Start Date: 2018.02.11 @ 05:23:00

End Date: 2018.02.11 @ 12:27:20

Job Ticket #: 64323                      DST #: 2

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

Printed: 2018.02.16 @ 09:54:39



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 64323

**DST#: 2**

Test Start: 2018.02.11 @ 05:23:00

## GENERAL INFORMATION:

Formation: **LKC I - J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:23:00

Time Test Ended: 12:27:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

**Interval: 4442.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

3427.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8959**

**Inside**

Press@RunDepth: 37.02 psig @ 4443.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.11

End Date:

2018.02.11

Last Calib.: 2018.02.11

Start Time: 05:23:01

End Time:

12:27:20

Time On Btm: 2018.02.11 @ 08:22:10

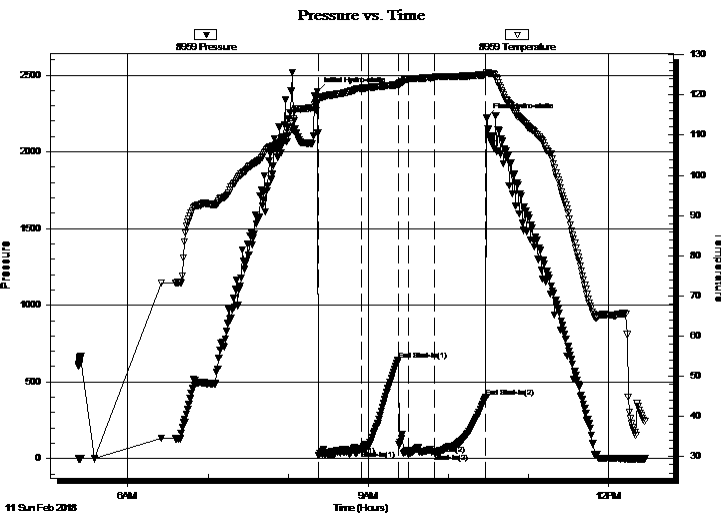
Time Off Btm: 2018.02.11 @ 10:29:00

**TEST COMMENT:** 30-IF-Surface blow built to 3/4"

30-ISI-No blow

30-FF-No blow

30-FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2393.68	118.70	Initial Hydro-static
1	22.30	118.88	Open To Flow (1)
33	56.92	121.63	Shut-In(1)
61	642.14	122.53	End Shut-In(1)
68	31.31	123.92	Open To Flow (2)
88	37.02	124.35	Shut-In(2)
126	402.17	125.02	End Shut-In(2)
127	2219.76	125.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.02

\* 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

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 64323

**DST#: 2**

Test Start: 2018.02.11 @ 05:23:00

## Tool Information

Drill Pipe:	Length: 4243.00 ft	Diameter: 3.80 inches	Volume: 59.52 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: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 60.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4442.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	58.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Head joint was loose

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

Shut In Tool	5.00			4419.00	
Hydraulic tool	5.00			4424.00	
Jars	5.00			4429.00	
Safety Joint	3.00			4432.00	
Packer	5.00			4437.00	28.00 Bottom Of Top Packer
Packer	5.00			4442.00	
Stubb	1.00			4443.00	
Recorder	0.00	8959	Inside	4443.00	
Recorder	0.00	8734	Outside	4443.00	
Perforations	18.00			4461.00	
Change Over Sub	1.00			4462.00	
Drill Pipe	32.00			4494.00	
Change Over Sub	1.00			4495.00	
Bullnose	5.00			4500.00	58.00 Bottom Packers & Anchor

**Total Tool Length: 86.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 64323

**DST#: 2**

Test Start: 2018.02.11 @ 05:23:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.15 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 3800.00 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
5.00	100% Mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

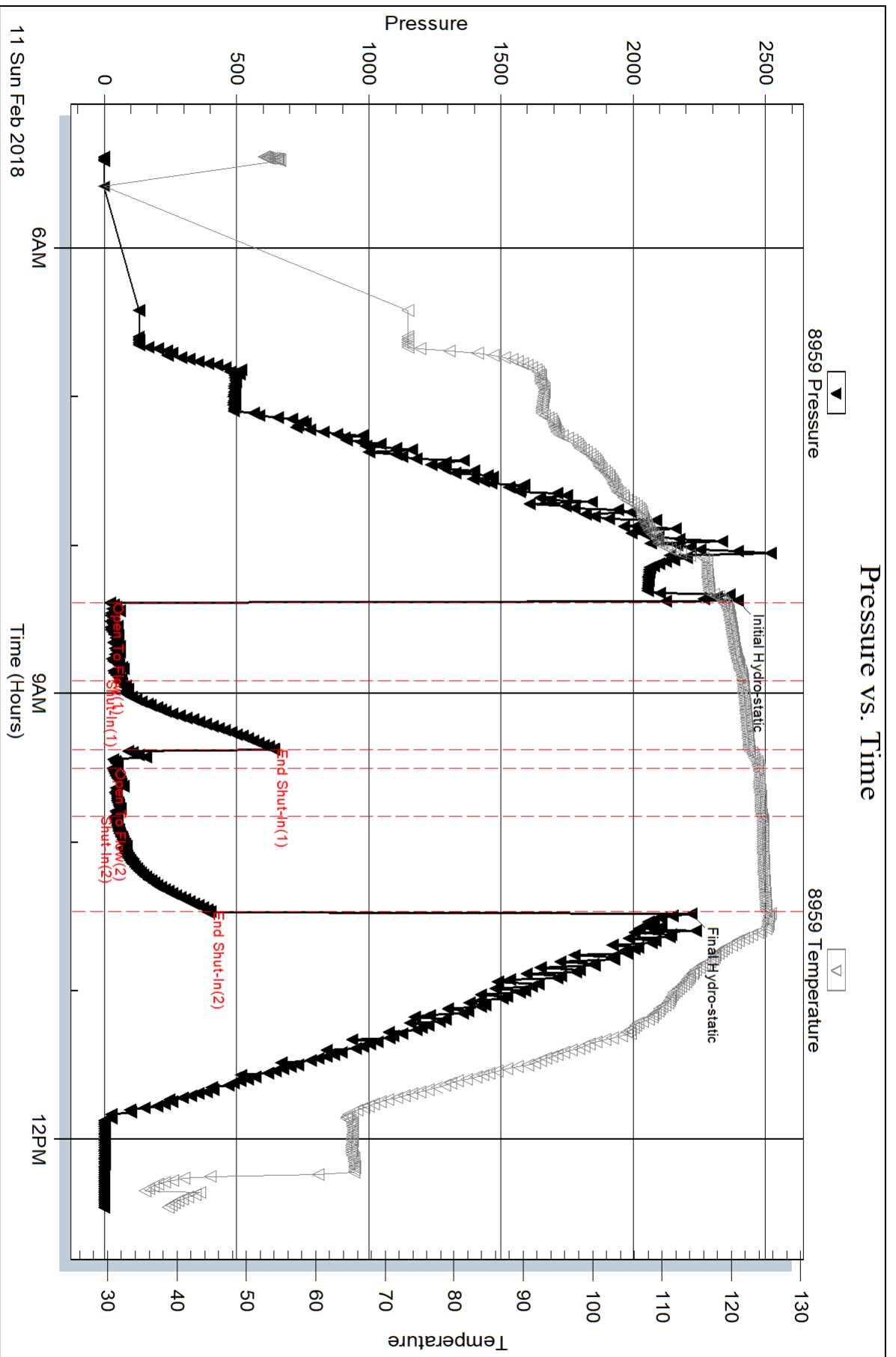
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



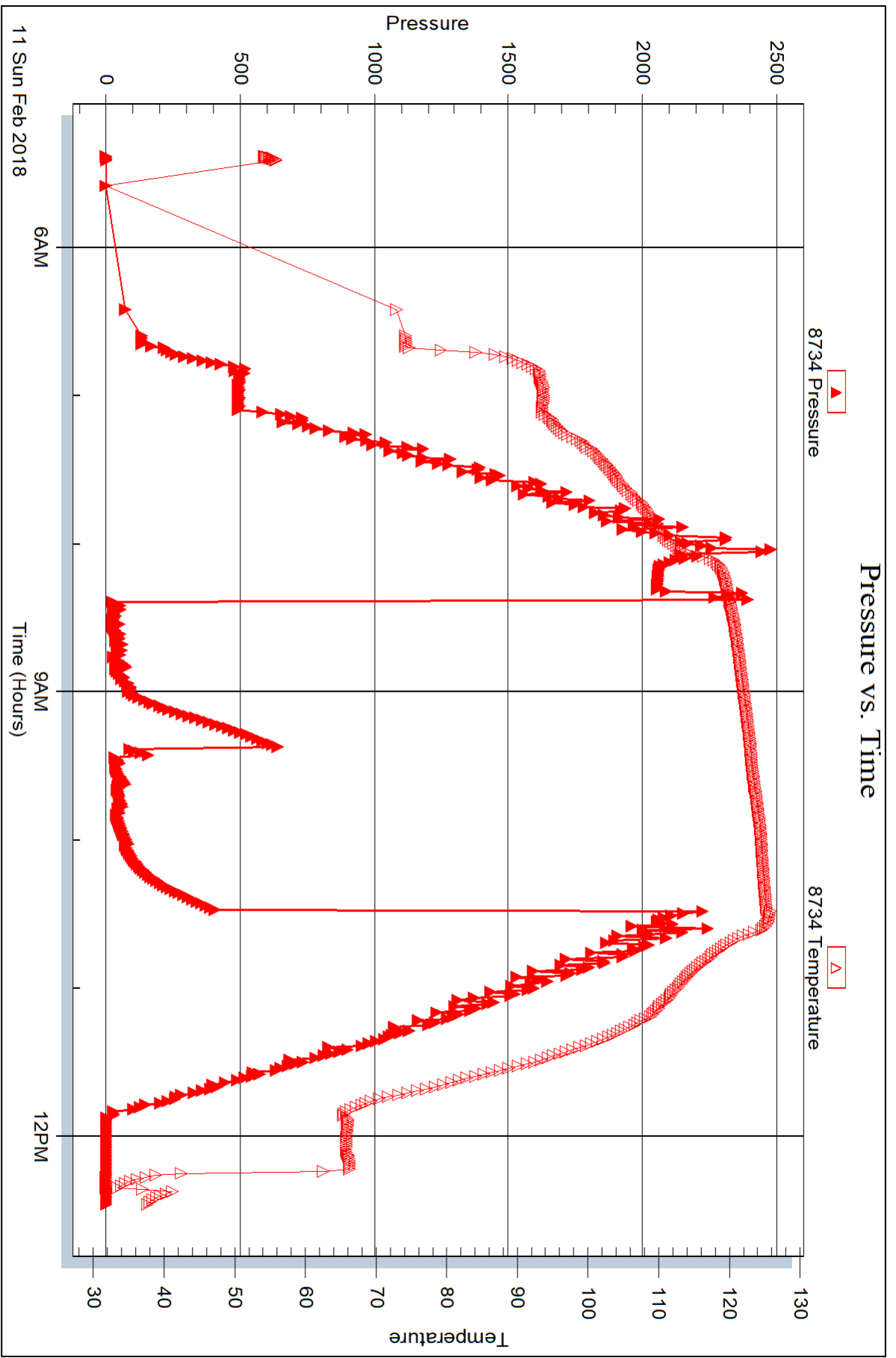


Serial #: 8734

Outside Brito Oil Company Inc

Egeland #1-14

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: Robert Hendrix

### **Egeland #1-14**

#### **14-7S.-37W Sherman,KS**

Start Date: 2018.02.12 @ 05:11:00

End Date: 2018.02.12 @ 10:40:00

Job Ticket #: 63424                      DST #: 3

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

Printed: 2018.02.16 @ 09:51:26







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63424

**DST#: 3**

Test Start: 2018.02.12 @ 05:11:00

## Tool Information

Drill Pipe:	Length: 4369.00 ft	Diameter: 3.80 inches	Volume: 61.29 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: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 62.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4574.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	80.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Attempted to seat packers twice  
Mis run, Pull tool

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4551.00	
Hydraulic tool	5.00			4556.00	
Jars	5.00			4561.00	
Safety Joint	3.00			4564.00	
Packer	5.00			4569.00	28.00 Bottom Of Top Packer
Packer	5.00			4574.00	
Stubb	1.00			4575.00	
Recorder	0.00	8959	Inside	4575.00	
Recorder	0.00	8734	Outside	4575.00	
Perforations	12.00			4587.00	
Change Over Sub	1.00			4588.00	
Drill Pipe	32.00			4620.00	
Change Over Sub	1.00			4621.00	
Bullnose	5.00			4626.00	52.00 Bottom Packers & Anchor

**Total Tool Length: 80.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63424

**DST#: 3**

Test Start: 2018.02.12 @ 05:11:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 63.00 sec/qt

Water Loss: 8.74 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4400.00 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
595.00	100% Mud	6.670

Total Length: 595.00 ft      Total Volume: 6.670 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

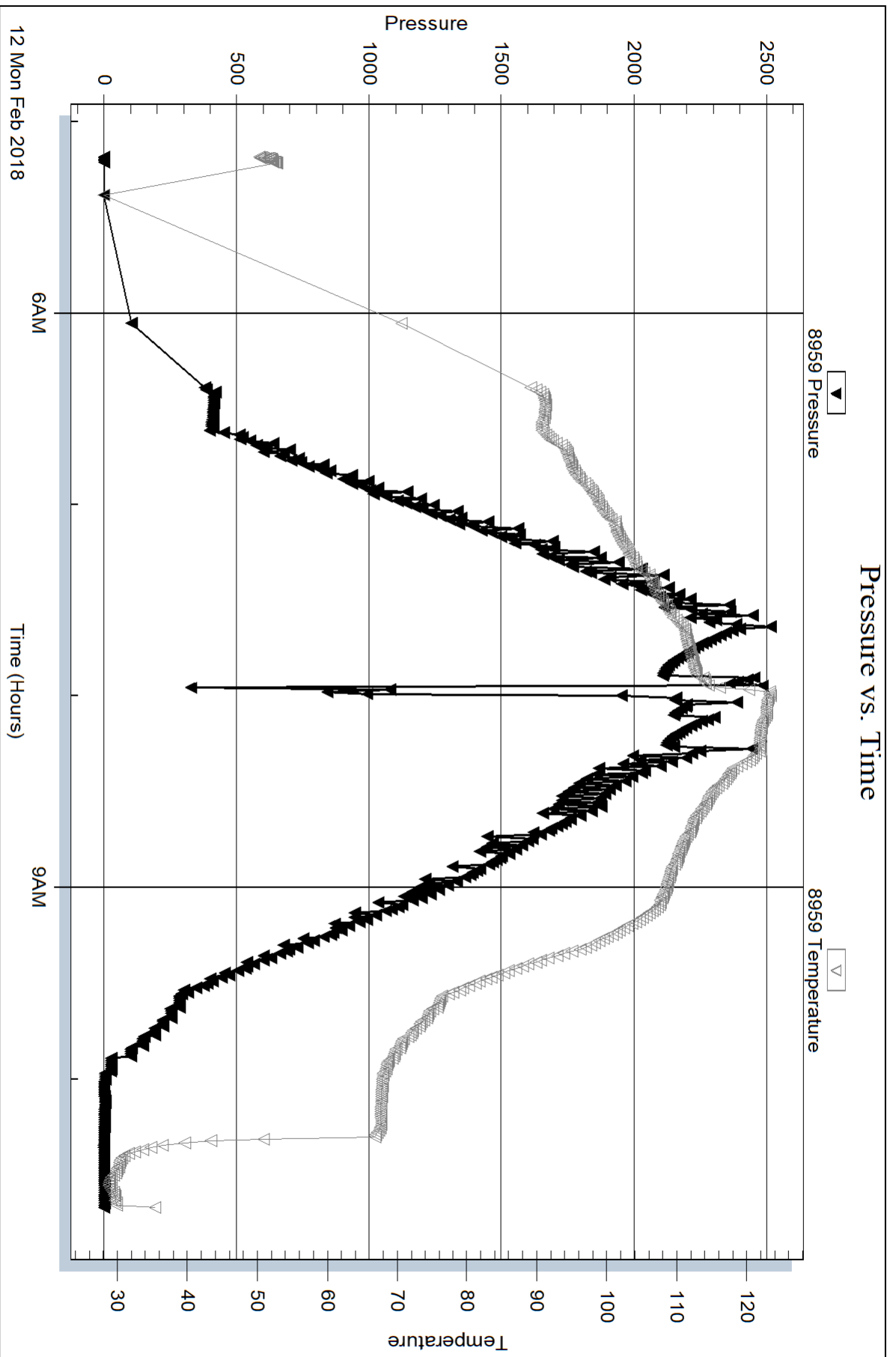
Serial #: 8959

Inside

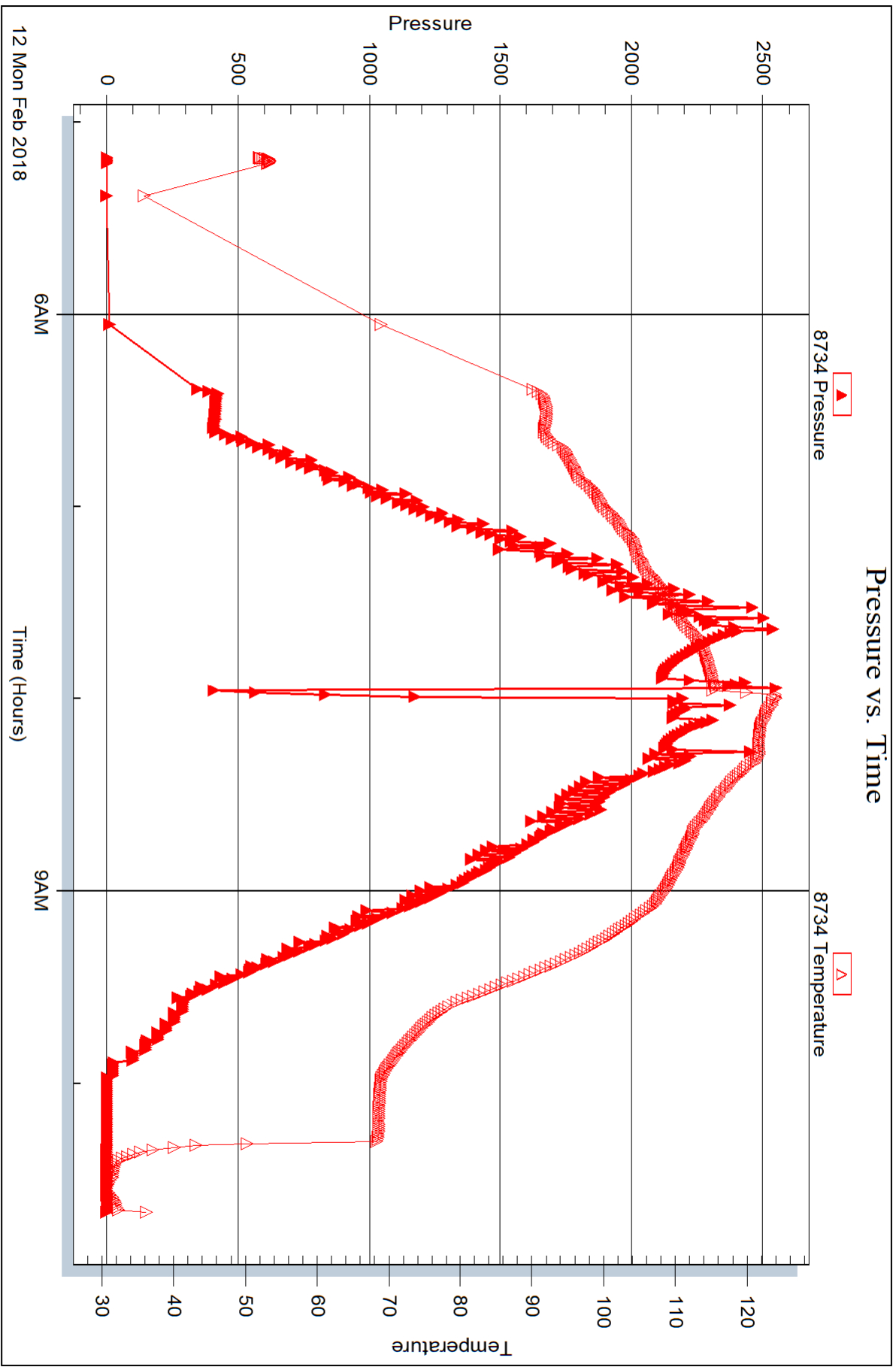
Brito Oil Company Inc

Egeland #1-14

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: Robert Hendrix

### **Egeland #1-14**

#### **14-7S.-37W Sherman,KS**

Start Date: 2018.02.12 @ 10:53:00

End Date: 2018.02.12 @ 17:23:09

Job Ticket #: 63425                      DST #: 4

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

Printed: 2018.02.16 @ 09:50:55



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63425

**DST#: 4**

Test Start: 2018.02.12 @ 10:53:00

## GENERAL INFORMATION:

Formation: **Altamont A - B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:03:20

Time Test Ended: 17:23:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

**Interval: 4549.00 ft (KB) To 4626.00 ft (KB) (TVD)**

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4626.00 ft (KB) (TVD)

3427.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8959**

**Inside**

Press@RunDepth: 63.23 psig @ 4550.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.12

End Date:

2018.02.12

Last Calib.:

2018.02.12

Start Time: 10:53:01

End Time:

17:23:10

Time On Btm:

2018.02.12 @ 13:02:20

Time Off Btm:

2018.02.12 @ 15:06:20

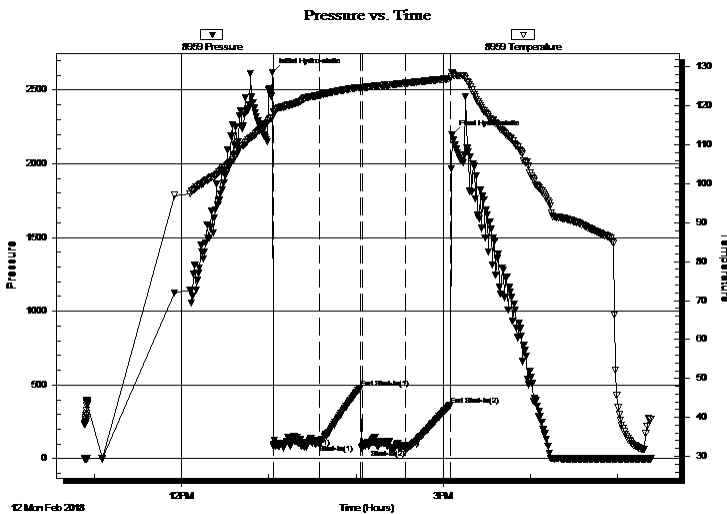
**TEST COMMENT:** 30-IF-Surface blow built to 1 1/2"

30-ISI-No blow

30-FF-No blow

30-FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2618.68	116.97	Initial Hydro-static
1	80.12	118.47	Open To Flow (1)
33	97.25	122.75	Shut-In(1)
61	480.45	124.80	End Shut-In(1)
62	69.15	124.73	Open To Flow (2)
92	63.23	125.84	Shut-In(2)
123	361.36	127.01	End Shut-In(2)
124	2198.38	128.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
68.00	100% Mud	0.33

## 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

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63425

**DST#: 4**

Test Start: 2018.02.12 @ 10:53:00

## Tool Information

Drill Pipe:	Length: 4369.00 ft	Diameter: 3.80 inches	Volume: 61.29 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: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 62.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	4549.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	77.00 ft			
Tool Length:	105.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Pulled tight coming off bottom

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

Shut In Tool	5.00			4526.00	
Hydraulic tool	5.00			4531.00	
Jars	5.00			4536.00	
Safety Joint	3.00			4539.00	
Packer	5.00			4544.00	28.00 Bottom Of Top Packer
Packer	5.00			4549.00	
Packer - Shale	0.00			4549.00	
Stubb	1.00			4550.00	
Recorder	0.00	8959	Inside	4550.00	
Recorder	0.00	8734	Outside	4550.00	
Perforations	37.00			4587.00	
Change Over Sub	1.00			4588.00	
Drill Pipe	32.00			4620.00	
Change Over Sub	1.00			4621.00	
Bullnose	5.00			4626.00	77.00 Bottom Packers & Anchor

**Total Tool Length: 105.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63425

**DST#: 4**

Test Start: 2018.02.12 @ 10:53:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 63.00 sec/qt

Water Loss: 8.76 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4400.00 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
68.00	100% Mud	0.334

Total Length: 68.00 ft      Total Volume: 0.334 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

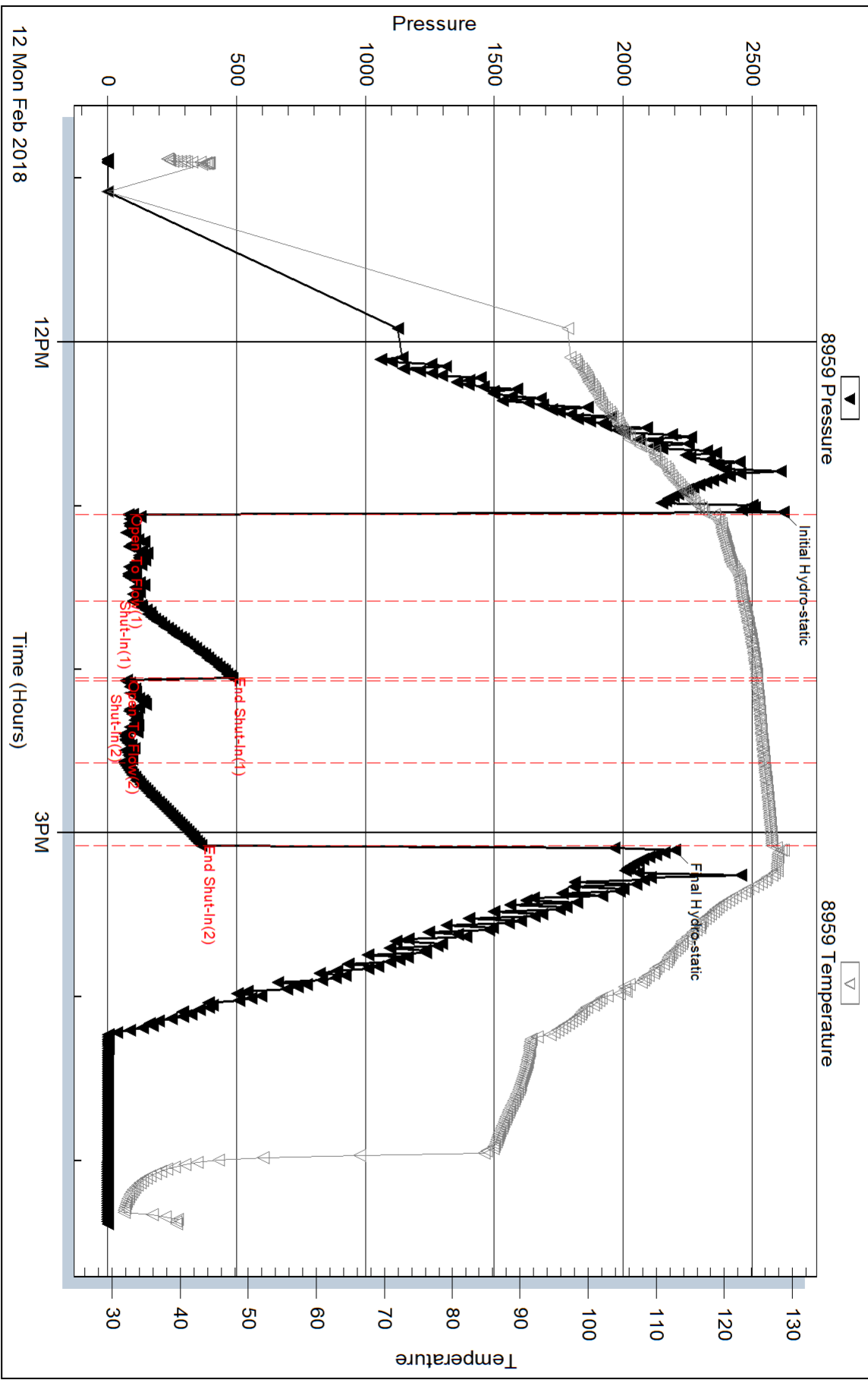
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

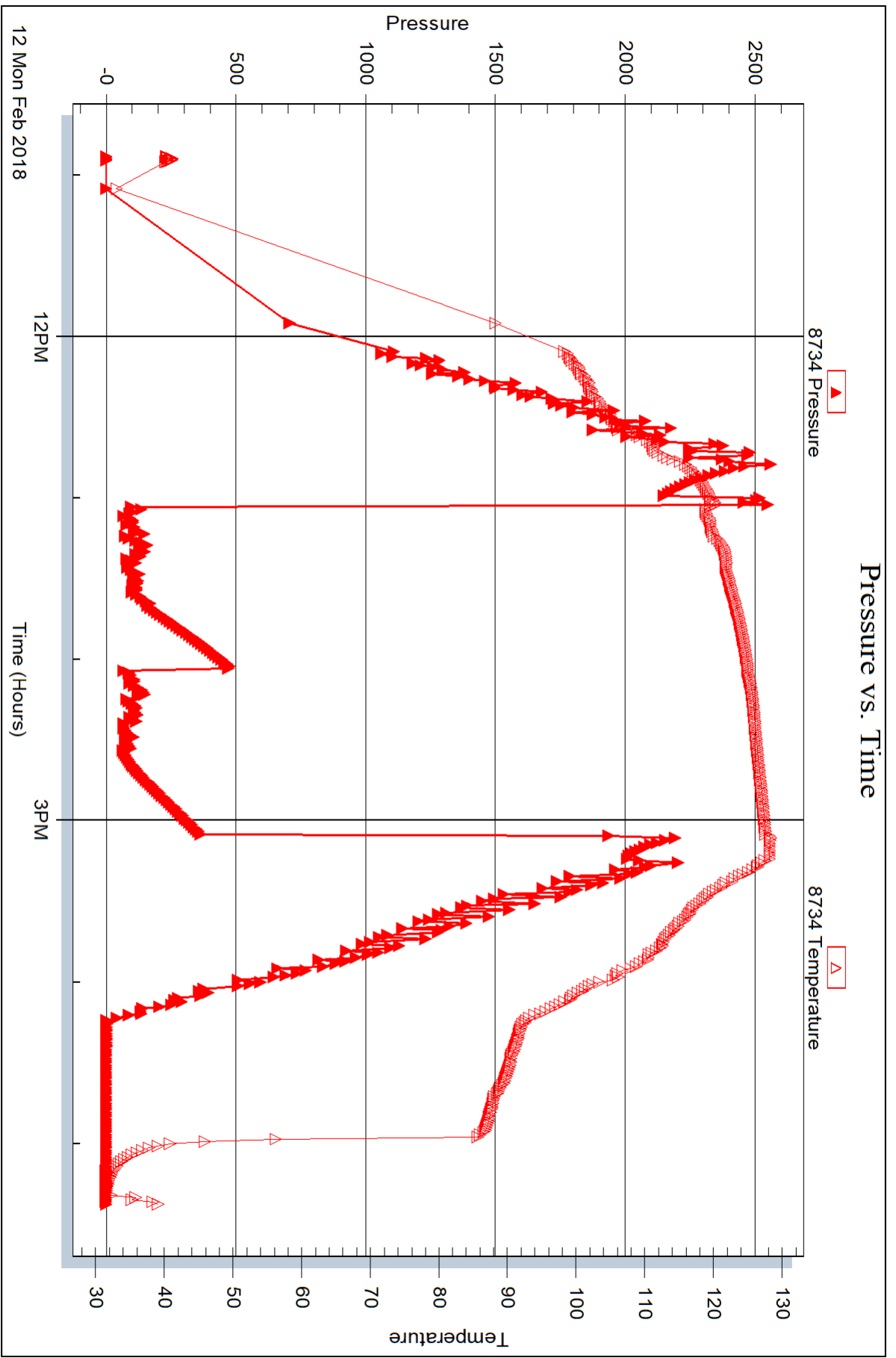


Serial #: 8734

Outside Brito Oil Company Inc

Egeland #1-14

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 63425

Printed: 2018.02.16 @ 09:50:56





## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock Rd  
Bldg I Ste 100  
Wichita, KS 67206

ATTN: Robert Hendrix

### **Egeland #1-14**

#### **14-7S.-37W Sherman,KS**

Start Date: 2018.02.13 @ 01:31:00

End Date: 2018.02.13 @ 08:14:20

Job Ticket #: 63151                      DST #: 5

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

Printed: 2018.02.16 @ 09:50:30



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63151

**DST#: 5**

Test Start: 2018.02.13 @ 01:31:00

## GENERAL INFORMATION:

Formation: **Altamont "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:51:10

Time Test Ended: 08:14:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

**Interval: 4599.00 ft (KB) To 4650.00 ft (KB) (TVD)**

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4650.00 ft (KB) (TVD)

3427.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8959**

**Inside**

Press@RunDepth: 22.96 psig @ 4600.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.13

End Date:

2018.02.13

Last Calib.:

2018.02.13

Start Time: 01:31:01

End Time:

08:14:20

Time On Btm:

2018.02.13 @ 03:50:50

Time Off Btm:

2018.02.13 @ 05:58:09

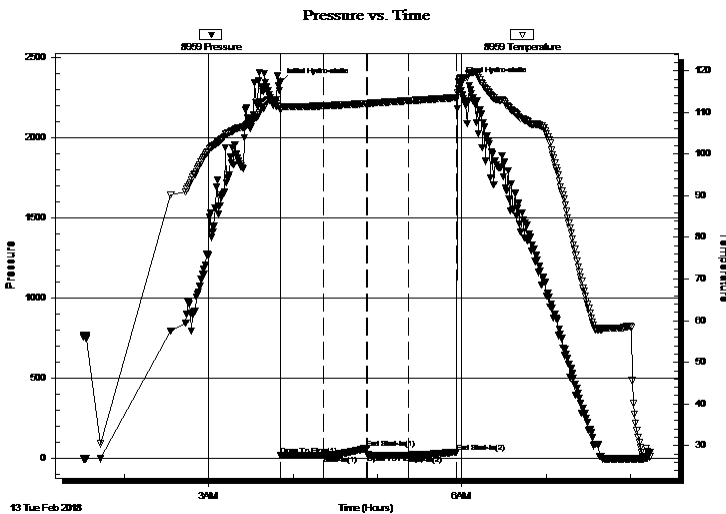
TEST COMMENT: 30-IF-Surface blow built to 1 1/4"

30-ISI-No blow

30-FF-No blow

30-FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2345.52	111.35	Initial Hydro-static
1	20.44	110.66	Open To Flow (1)
31	21.33	111.59	Shut-In(1)
62	64.50	112.11	End Shut-In(1)
62	25.18	112.09	Open To Flow (2)
92	22.96	112.81	Shut-In(2)
126	40.33	113.56	End Shut-In(2)
128	2348.24	117.79	Final Hydro-static

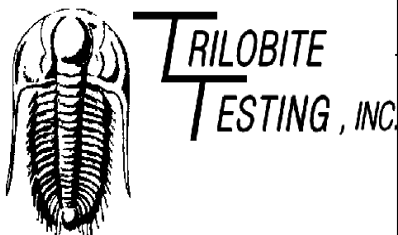
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM 5%O, 95%M	0.02

\* Recovery from multiple tests

## Gas Rates

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



# DRILL STEM TEST REPORT

Brito Oil Company Inc

14-7S.-37W Sherman,KS

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

Egeland #1-14  
Job Ticket: 63151 DST#: 5  
Test Start: 2018.02.13 @ 01:31:00

### GENERAL INFORMATION:

Formation: **Altamont "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:51:10

Time Test Ended: 08:14:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: **4599.00 ft (KB) To 4650.00 ft (KB) (TVD)**

Total Depth: 4650.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3432.00 ft (KB)

3427.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8734**

Outside

Press@RunDepth: psig @ 4600.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.13

End Date:

2018.02.13

Last Calib.:

2018.02.13

Start Time: 01:31:01

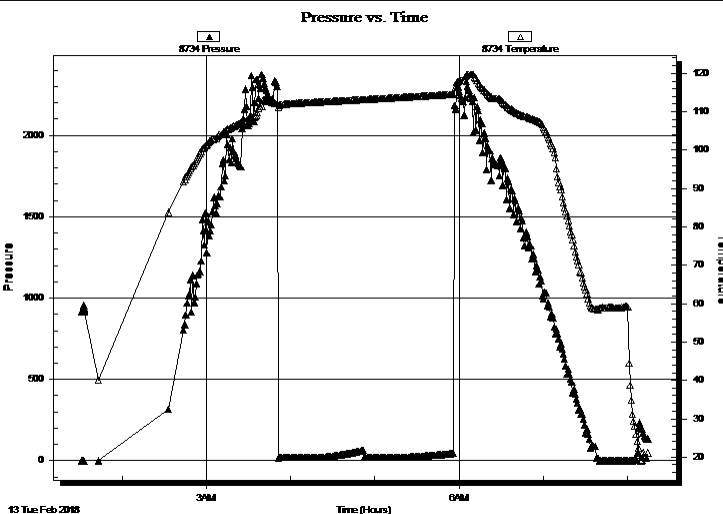
End Time:

08:14:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IF-Surface blow built to 1 1/4"  
30-ISI-No blow  
30-FF-No blow  
30-FSI-No blow



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM 5%O, 95%M	0.02

### 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

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63151

**DST#: 5**

Test Start: 2018.02.13 @ 01:31:00

## Tool Information

Drill Pipe:	Length: 4371.00 ft	Diameter: 3.80 inches	Volume: 61.31 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: 213.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: 68000.00 lb
			<u>Total Volume: 62.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4599.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	79.00 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			4576.00	
Hydraulic tool	5.00			4581.00	
Jars	5.00			4586.00	
Safety Joint	3.00			4589.00	
Packer	5.00			4594.00	28.00 Bottom Of Top Packer
Packer	5.00			4599.00	
Stubb	1.00			4600.00	
Recorder	0.00	8959	Inside	4600.00	
Recorder	0.00	8734	Outside	4600.00	
Perforations	11.00			4611.00	
Change Over Sub	1.00			4612.00	
Drill Pipe	32.00			4644.00	
Change Over Sub	1.00			4645.00	
Bullnose	5.00			4650.00	51.00 Bottom Packers & Anchor

**Total Tool Length: 79.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63151

**DST#: 5**

Test Start: 2018.02.13 @ 01:31:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.78 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 4400.00 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
5.00	OSM 5%O, 95%M	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:

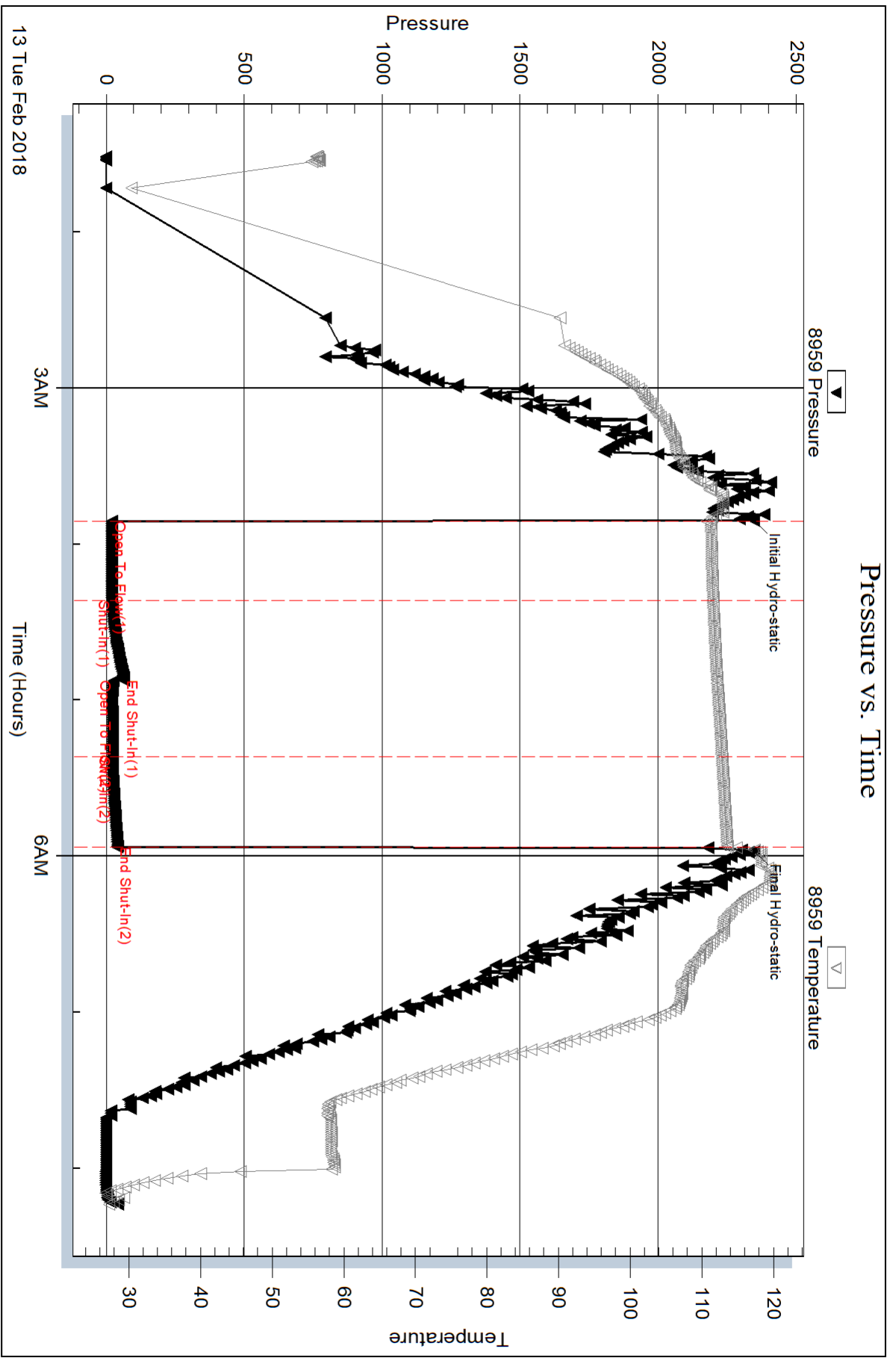
Serial #: 8959

Inside

Brito Oil Company Inc

Egeland #1-14

DST Test Number: 5

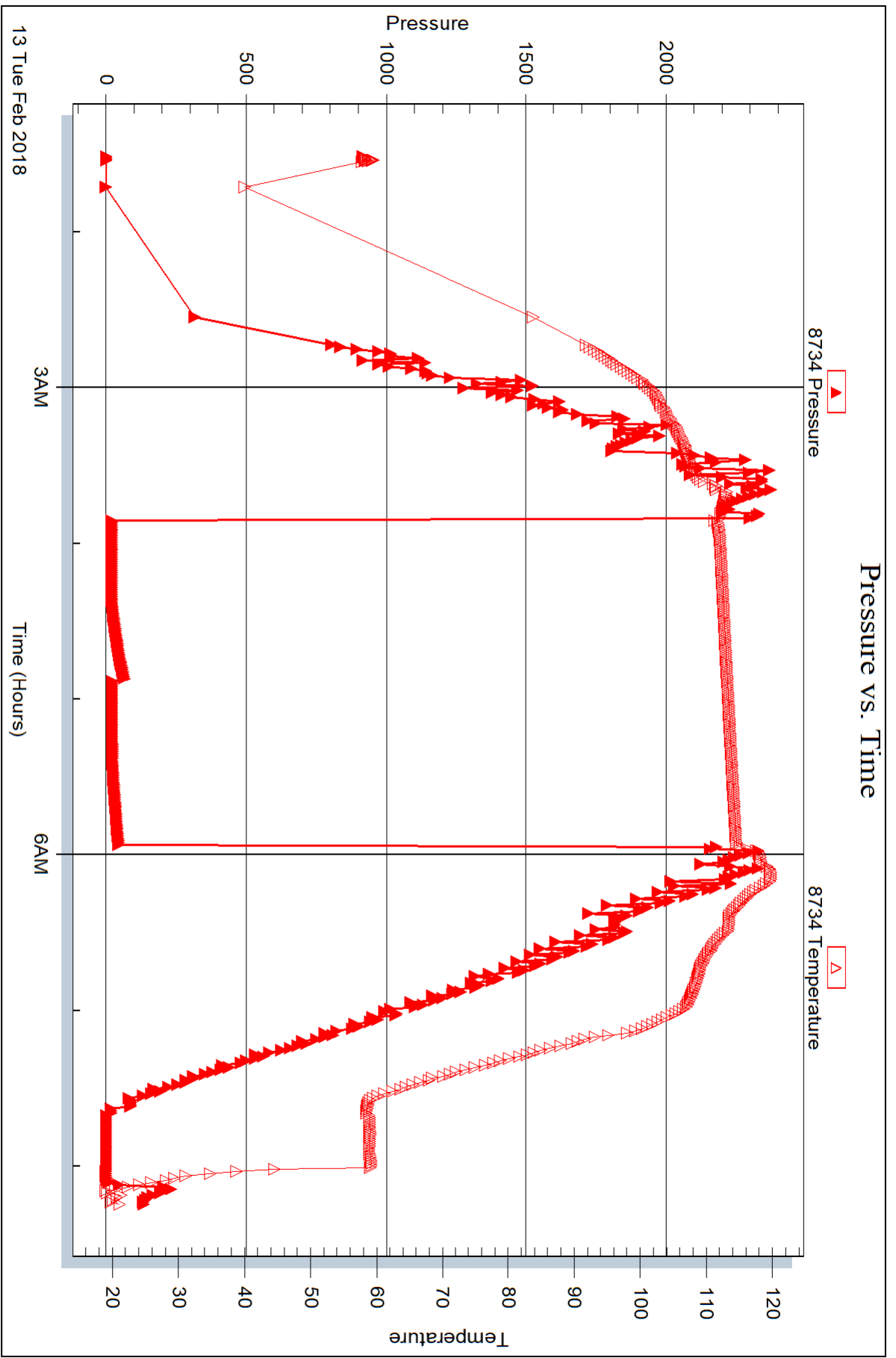


Serial #: 8734

Outside Brito Oil Company Inc

Egeland #1-14

DST Test Number: 5





## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock Rd  
Bldg I Ste 100  
Wichita, KS 67206

ATTN: Robert Hendrix

### **Egeland #1-14**

#### **14-7S.-37W Sherman,KS**

Start Date: 2018.02.14 @ 05:44:00

End Date: 2018.02.14 @ 13:59:30

Job Ticket #: 63152                      DST #: 6

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

Printed: 2018.02.16 @ 09:49:54

Brito Oil Company Inc

14-7S.-37W Sherman,KS

Egeland #1-14

DST # 6

Cherokee Lime

2018.02.14





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63152

**DST#: 6**

Test Start: 2018.02.14 @ 05:44:00

## GENERAL INFORMATION:

Formation: **Cherokee Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:19:20

Time Test Ended: 13:59:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

**Interval: 4763.00 ft (KB) To 4847.00 ft (KB) (TVD)**

Reference Elevations: 3432.00 ft (KB)

Total Depth: 4847.00 ft (KB) (TVD)

3427.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8959**

**Inside**

Press@RunDepth: 132.72 psig @ 4764.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.14

End Date:

2018.02.14

Last Calib.: 2018.02.14

Start Time: 05:44:01

End Time:

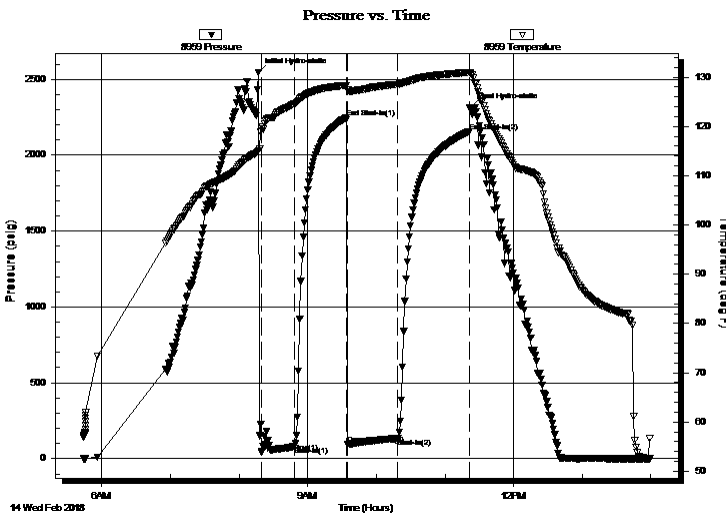
13:59:30

Time On Btm: 2018.02.14 @ 08:17:00

Time Off Btm: 2018.02.14 @ 11:21:50

**TEST COMMENT:** 30-IF-Weakblow built to 9 1/2"  
45-ISI-Surface blow back @ 3 1/2 mins built to 3/4"  
45-FF-Weak blow built to 9 1/4"  
60-FSI-Surface blow back @ 4 mins built to 1 1/2"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2544.92	115.02	Initial Hydro-static
3	43.39	119.47	Open To Flow (1)
32	80.18	124.60	Shut-In(1)
77	2248.37	128.36	End Shut-In(1)
78	95.93	127.53	Open To Flow (2)
122	132.72	128.56	Shut-In(2)
184	2154.84	130.98	End Shut-In(2)
185	2309.77	130.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	GOCM 12%G, 15%O, 73%M	0.32
299.00	CGO 29%, 71%O	2.29
0.00	10' GIP	0.00

## 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: Robert Hendrix

**14-7S-.37W Sherman,KS**

**Egeland #1-14**

Job Ticket: 63152

**DST#: 6**

Test Start: 2018.02.14 @ 05:44:00

## GENERAL INFORMATION:

Formation: **Cherokee Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:19:20

Time Test Ended: 13:59:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: **4763.00 ft (KB) To 4847.00 ft (KB) (TVD)**

Total Depth: 4847.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3432.00 ft (KB)

3427.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: psig @ 4764.00 ft (KB)

Start Date: 2018.02.14

End Date: 2018.02.14

Capacity: 8000.00 psig

Last Calib.: 2018.02.14

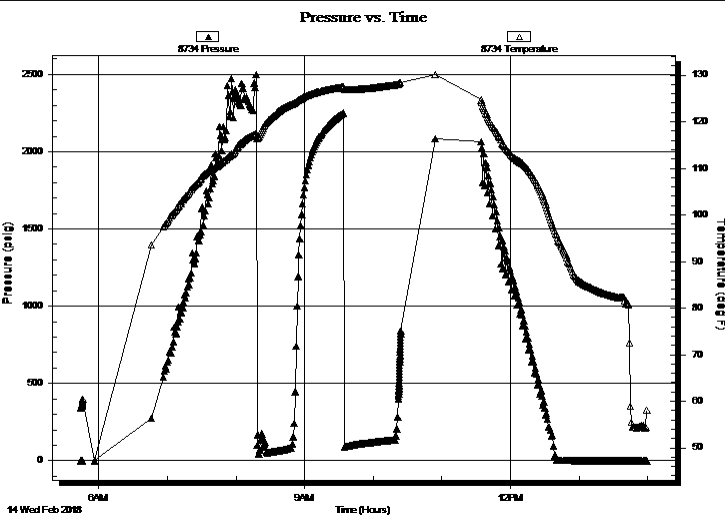
Start Time: 05:44:01

End Time: 13:59:32

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IF-Weakblow built to 9 1/2"  
 45-ISI-Surface blow back @ 3 1/2 mins built to 3/4"  
 45-FF-Weak blow built to 9 1/4"  
 60-FSI-Surface blow back @ 4 mins built to 1 1/2"



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	GOCM 12%G, 15%O, 73%M	0.32
299.00	CGO 29%, 71%O	2.29
0.00	10' 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 Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63152

**DST#: 6**

Test Start: 2018.02.14 @ 05:44:00

## Tool Information

Drill Pipe:	Length: 4465.00 ft	Diameter: 3.80 inches	Volume: 62.63 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: 274.00 ft	Diameter: 2.25 inches	Volume: 1.35 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 63.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4763.00 ft			Final 65000.00 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			4740.00	
Hydraulic tool	5.00			4745.00	
Jars	5.00			4750.00	
Safety Joint	3.00			4753.00	
Packer	5.00			4758.00	28.00 Bottom Of Top Packer
Packer	5.00			4763.00	
Stubb	1.00			4764.00	
Recorder	0.00	8959	Inside	4764.00	
Recorder	0.00	8734	Outside	4764.00	
Perforations	12.00			4776.00	
Change Over Sub	1.00			4777.00	
Drill Pipe	64.00			4841.00	
Change Over Sub	1.00			4842.00	
Bullnose	5.00			4847.00	84.00 Bottom Packers & Anchor

**Total Tool Length: 112.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**14-7S.-37W Sherman,KS**

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

**Egeland #1-14**

Job Ticket: 63152

**DST#: 6**

Test Start: 2018.02.14 @ 05:44:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GOCM 12%G, 15%O, 73%M	0.320
299.00	CGO 29%, 71%O	2.290
0.00	10' GIP	0.000

Total Length: 364.00 ft      Total Volume: 2.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 23.8 @ 60 degs

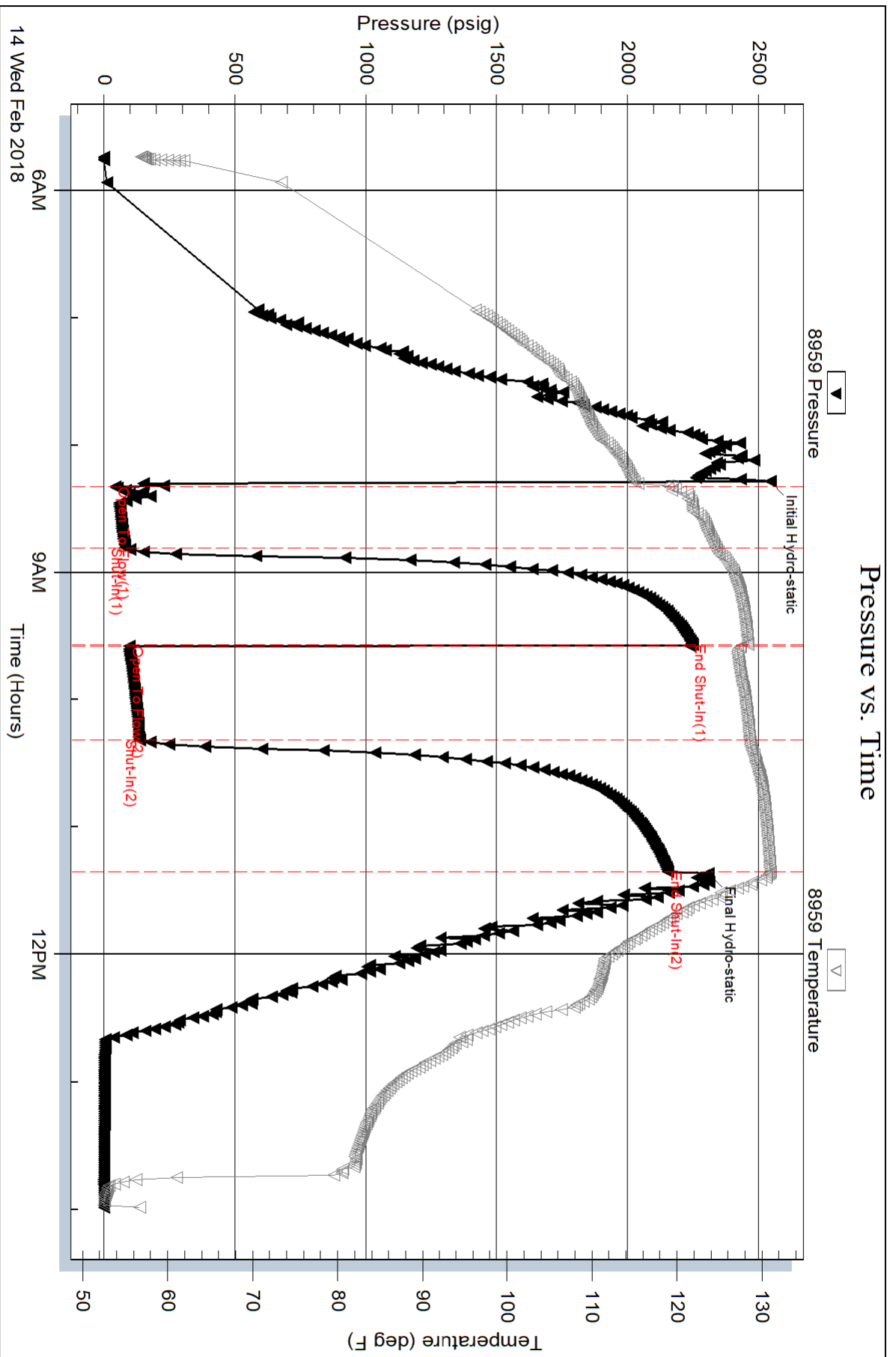
Serial #: 8959

Inside

Brito Oil Company Inc

Egeland #1-14

DST Test Number: 6

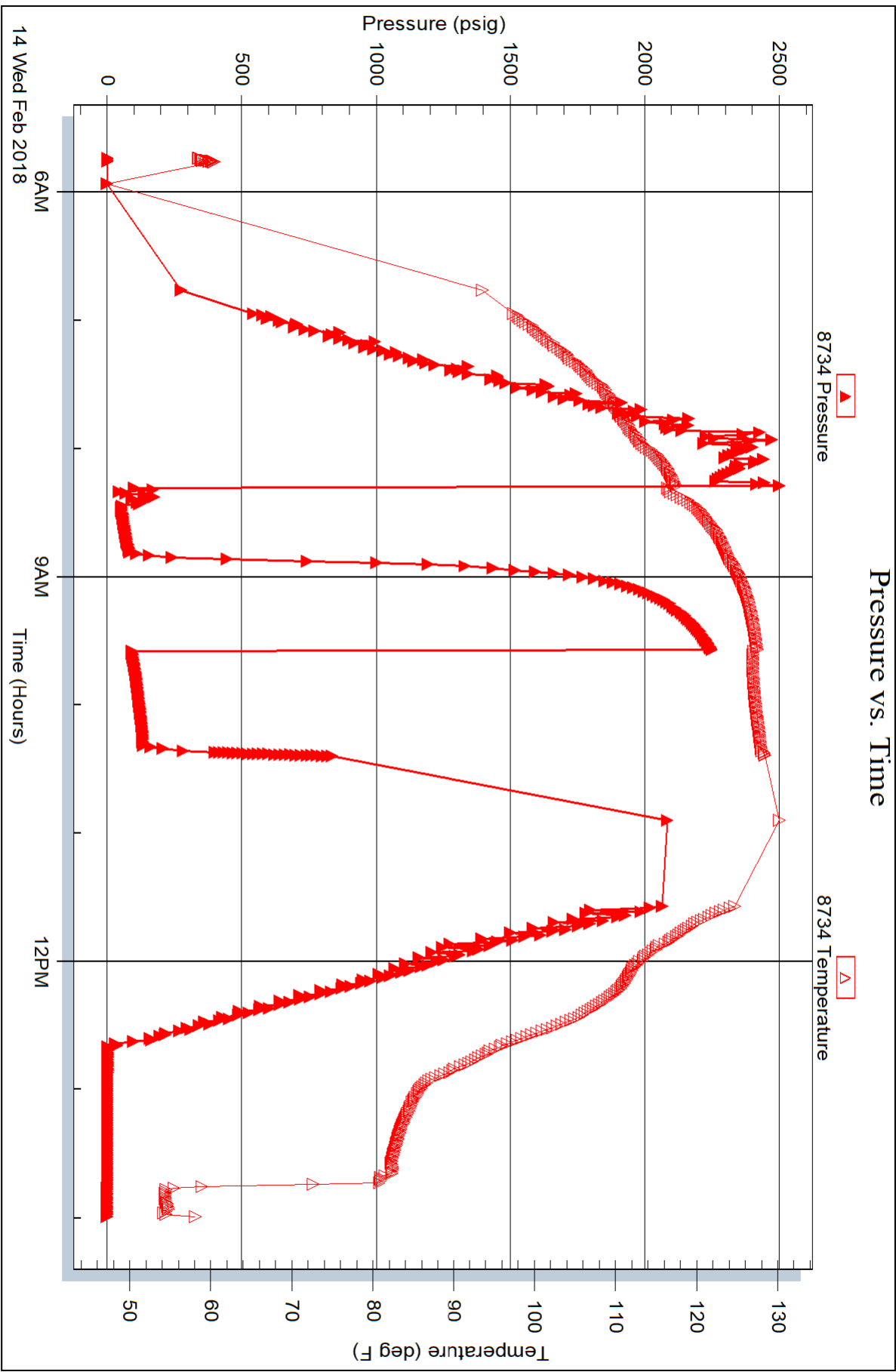


Serial #: 8734

Outside Brito Oil Company Inc

Egeland #1-14

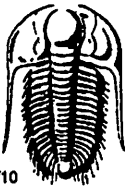
DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 63152

Printed: 2018.02.16 @ 09:49:55



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 63422

Well Name & No. Egeland # 1-14 Test No. 1 Date 02-10-18  
 Company Brito Oil Company Inc. Elevation 3432 KB 3427 GL  
 Address 1223 N. Rock RD BLDG I, STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Robert Hendrix Rig Murcin #7  
 Location: Sec. 14 Twp. 7s. Rge. 37W. Co. Sherman State KS

Interval Tested 4350-4388 Zone Tested LKC "E"  
 Anchor Length 38' Drill Pipe Run 4118 Mud Wt. 9.3  
 Top Packer Depth 4345 Drill Collars Run 213 Vis 59  
 Bottom Packer Depth 4350 Wt. Pipe Run — WL 6.4  
 Total Depth 4388 Chlorides 3500 ppm System LCM 4#

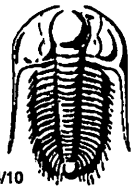
Blow Description IF. Strong S. blow built to 41 1/2"  
ISI. Decreased to 34"  
FF. Strong S. blow built to 74"  
FST. Decreased to 57 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>1071</u>	<u>MSW</u>		<u>97</u>	<u>3</u>	
<u>252</u>	<u>HMCW</u>		<u>70</u>	<u>30</u>	
<u>0</u>	<u>Heavy Oil spots in tool</u>				

Rec Total 1323 BHT 133 Gravity \_\_\_\_\_ API RW 7.14 @ 8.5 °F Chlorides 27,000 ppm

(A) Initial Hydrostatic 2425  Test ON bank @ 01:15 <sup>1150</sup> T-On Location 00:35  
 (B) First Initial Flow 224  Jars 250 T-Started 03:47  
 (C) First Final Flow 328  Safety Joint 75 T-Open 06:19  
 (D) Initial Shut-In 1284  Circ Sub \_\_\_\_\_ T-Pulled 08:44  
 (E) Second Initial Flow 398  Hourly Standby .5h 40 T-Out 11:10  
 (F) Second Final Flow 651  Mileage 147 RT <sup>147</sup> Comments \_\_\_\_\_  
 (G) Final Shut-In 1244  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2229  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 10  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 45  Day Standby \_\_\_\_\_ Total 1662  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60 Sub Total 1662

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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 63423

Well Name & No. Egeland #1-14 Test No. 2 Date 2-11-18  
 Company Brith Oil Company Inc. Elevation 3432 KB 3427 GL  
 Address 1223 N. Rock Rd, BLDG I, STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Robert Hendrix Rig Murkin #7  
 Location: Sec. 14 Twp. 7S. Rge. 37W. Co. Sherman State KS

Interval Tested 4442-4500 Zone Tested LKC I + J  
 Anchor Length 58 Drill Pipe Run 4243 Mud Wt. 9.3  
 Top Packer Depth 4439 Drill Collars Run 184 Vis 50  
 Bottom Packer Depth 4442 Wt. Pipe Run — WL 7.2  
 Total Depth 4500 Chlorides 3800 ppm System LCM 4#

Blow Description IF. S. blow built to 3/4"  
ISI. No blow  
FF. No blow  
FSI. No blow

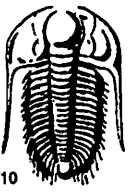
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 126 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2394  Test ON Bank @ 10:20:20 T-On Location 04:20  
 (B) First Initial Flow 22  Jars 250 1150 T-Started 05:23  
 (C) First Final Flow 57  Safety Joint 75 T-Open 08:23  
 (D) Initial Shut-In 642  Circ Sub \_\_\_\_\_ T-Pulled 10:23  
 (E) Second Initial Flow 31  Hourly Standby \_\_\_\_\_ T-Out 12:27  
 (F) Second Final Flow 37  Mileage 147 RT <sup>147</sup> Comments Head Joint was loose  
 (G) Final Shut-In 402  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2220  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 30  Day Standby \_\_\_\_\_ Total 1612  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 30 Sub Total 1612

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.





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 63424

Well Name & No. Egeland #1-14 Test No. 3 Date 2-12-18  
 Company Brito Oil Company Inc Elevation 3432 KB 3427 GL  
 Address 1223 N. Rock RD, BLDG I, STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Robert Hendrix Rig Murfin #7  
 Location: Sec. 14 Twp. 7S. Rge. 37W. Co. Sherman State KS

Interval Tested 4574-4626 Zone Tested Altamont A+B  
 Anchor Length 52' Drill Pipe Run 4369 Mud Wt. 9.3  
 Top Packer Depth ~~4569~~ 4569 Drill Collars Run 184 Vis 63  
 Bottom Packer Depth 4574 Wt. Pipe Run --- WL 8.8  
 Total Depth 4626 Chlorides 4400 ppm System LCM 4#

Blow Description ~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~  
~~\_\_\_\_\_~~

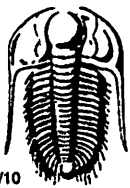
Rec	Feet of	%gas	%oil	%water	%mud
<u>595</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test GN Bank @ 05:00<sup>950</sup> T-On Location 04:40  
 (B) First Initial Flow \_\_\_\_\_  Jars \_\_\_\_\_ T-Started 05:11  
 (C) First Final Flow \_\_\_\_\_  Safety Joint \_\_\_\_\_ T-Open 07:37  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 07:50  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 10:40  
 (F) Second Final Flow \_\_\_\_\_  Mileage 147.05<sup>147</sup> Comments Attempted to seat packer twice, Mis Run, Pull too!  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  Ruined Packer Top Packer<sup>320</sup>  
 Initial Open \_\_\_\_\_  Shale Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In \_\_\_\_\_  Extra Packer \_\_\_\_\_ Sub Total 320  
 Final Flow \_\_\_\_\_  Extra Recorder \_\_\_\_\_ Total 1097+320  
 Final Shut-In \_\_\_\_\_  Day Standby \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1097  Accessibility \_\_\_\_\_

Approved By R. D. Kelly 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. 63425

Well Name & No. Egeland # 1-14 Test No. 4 Date 2-12-18  
 Company Brito Oil Company Inc Elevation 3432 KB 3427 GL  
 Address 1223 N. Rock Rd, Bldg. I, Ste 100, Wichita, KS 67206  
 Co. Rep / Geo. Robert Hendrix Rig Mucfia # 7  
 Location: Sec. 14 Twp. 7S. Rge. 32W. Co. Sherman State KS

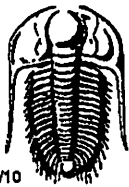
Interval Tested 4549-4626 Zone Tested Altament A+B  
 Anchor Length 77' Drill Pipe Run 4369 Mud Wt. 9.3  
 Top Packer Depth 4544 Drill Collars Run 184 Vis 63  
 Bottom Packer Depth 4549 (Shale) Wt. Pipe Run — WL 8.8  
 Total Depth 4626 Chlorides 4400 ppm System LCM 4#  
 Blow Description IF - S. blow built to 1 1/2"  
ISF - No blow  
FF - No blow  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>68</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 68 BHT 129 Gravity 1150 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2619  Test 1150 T-On Location 10:53  
 (B) First Initial Flow 80  Jars — T-Started 10:53  
 (C) First Final Flow 97  Safety Joint — T-Open 13:03  
 (D) Initial Shut-In 480  Circ Sub — T-Pulled 15:03  
 (E) Second Initial Flow 69  Hourly Standby — T-Out 17:24  
 (F) Second Final Flow 63  Mileage 147 RT Comments Pulled tight coming off bottom  
 (G) Final Shut-In 361  Sampler —  
 (H) Final Hydrostatic 2198  Straddle —  Ruined Shale Packer (Bottom) 350  
 Ruined Packer —  
 Extra Copies —  
 Initial Open 30  Extra Packer — Sub Total 350  
 Initial Shut-In 30  Extra Recorder — Total 1750  
 Final Flow 30  Day Standby — MP/DST Disc't —  
 Final Shut-In 30  Accessibility —  
 Sub Total 1400

Approved By Rh S. King 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. 63151

Well Name & No. Egeland #1-14 Test No. 5 Date 02-13-17  
 Company Brito Oil Company Inc Elevation 3432 KB 3427 GL  
 Address 1223 N. Rock Rd, BLDG I, STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Robert Hendrix Rig Murfin #7  
 Location: Sec. 14 Twp. 7.S. Rge. 37W. Co. Sherman State KS

Interval Tested 4599-4650 Zone Tested Altament "C"  
 Anchor Length 51' Drill Pipe Run 4371 Mud Wt. 9.1  
 Top Packer Depth 4594 Drill Collars Run 213 Vis 51  
 Bottom Packer Depth 4599 Wt. Pipe Run — WL 8.8.  
 Total Depth 4650 Chlorides 4400 ppm System LCM 4#  
 Blow Description IE - S. blow built to 1 1/4"  
IST - No blow  
FF - No blow.  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OSM</u>	<u>5</u>	<u>95</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 5 BHT 118 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2346  Test ON Bank @ 01:30 <sup>1150</sup>  
 (B) First Initial Flow 20  Jars \_\_\_\_\_  
 (C) First Final Flow 21  Safety Joint \_\_\_\_\_  
 (D) Initial Shut-In 65  Circ Sub \_\_\_\_\_  
 (E) Second Initial Flow 25  Hourly Standby \_\_\_\_\_  
 (F) Second Final Flow 23  Mileage 147 RT <sup>147</sup>  
 (G) Final Shut-In 40  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2348  Straddle \_\_\_\_\_

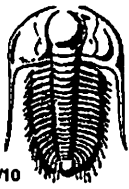
Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_  
 Final Shut-In 30  Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Sub Total 1297

T-On Location 00:45  
 T-Started 01:31  
 T-Open 03:52  
 T-Pulled 05:52  
 T-Out 08:15  
 Comments \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Sub Total 0  
 Total 1297  
 MP/DST Disc't \_\_\_\_\_

Approved By Richard D. Whiff

Our Representative apete Jalinas



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 63152

Well Name & No. Egeland #1-14 Test No. 6 Date 02-14-18  
 Company Brito Oil Company Inc Elevation 3432 KB 3427 GL  
 Address 1223 N. Rock RD, BLDG I, STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Robert Hendrix Rig Murfin #7  
 Location: Sec. 14 Twp. 7.S. Rge. 37W. Co. Sherman State K5

Interval Tested 4763-4847 Zone Tested Cherokee Lime  
 Anchor Length 84' Drill Pipe Run 4465 Mud Wt. 9.7  
 Top Packer Depth 4758 Drill Collars Run 274 Vis 53  
 Bottom Packer Depth 4763 Wt. Pipe Run --- WL 6.4  
 Total Depth 4847 Chlorides 4000 ppm System LCM 4#

Blow Description IF. S. blow built to 9 1/2"  
ISI. S. blow back @ 3 1/2 mins built to 3/4"  
FF. S. blow built to 9 1/4"  
FST. S. blow @ 4 mins built to 1 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>65'</u>	<u>GOCM</u>	<u>12</u>	<u>15</u>	<u>73</u>	
<u>299'</u>	<u>CGO</u>	<u>29</u>	<u>71</u>		
<u>0</u>	<u>10' GIP</u>	<u>100</u>			

Rec Total 364 BHT 131 Gravity 23.8 API RW @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 2545  Test ON Bank @ 05:45<sup>1150</sup> T-On Location 05:30  
 (B) First Initial Flow 43  Jars --- T-Started 05:44  
 (C) First Final Flow 80  Safety Joint --- T-Open 08:18  
 (D) Initial Shut-In 2248  Circ Sub --- T-Pulled 11:18  
 (E) Second Initial Flow 96  Hourly Standby --- T-Out 14:00  
 (F) Second Final Flow 133  Mileage 147 RT <sup>147+147</sup> Comments Loaded tools @  
 (G) Final Shut-In 2155  Sampler --- 16:00 2-15-18  
 (H) Final Hydrostatic 2310  Straddle ---  
 Ruined Shale Packer ---  
 Ruined Packer ---  
 Extra Copies ---

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 60  
 Sub Total 0  
 Total 1444  
 MP/DST Disc't ---  
 Sub Total 1444

Approved By Robert D. Hendrix

Our Representative [Signature]





PRESSURE PUMPING LLC  
PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

100619953

TICKET NUMBER 55043  
LOCATION Oalley KS  
FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT  
CEMENT

Invoice # 82476

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
2-15-18	3254	Egeland 1-14	14	7 S	37 W	Shaw	
CUSTOMER <u>Br. to Oil Company</u>			Brewster US				
MAILING ADDRESS <u>1223 N. Rock Road Building E100</u>			USCERY				
CITY <u>Wichita</u>			STATE <u>KS</u>				
STATE <u>KS</u>			ZIP CODE <u>67206</u>				
TRUCK #		DRIVER		TRUCK #		DRIVER	
<u>753</u>		<u>Meith C</u>					
<u>772/7127</u>		<u>Seth O</u>					
<u>703</u>							

JOB TYPE PTA HOLE SIZE 7 7/8" HOLE DEPTH 5050' CASING SIZE & WEIGHT \_\_\_\_\_  
CASING DEPTH \_\_\_\_\_ DRILL PIPE 4.5" TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 13.8 SLURRY VOL 1.4 WATER gain/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meetings and Review on Marlin drilling Rig #7 Plug as ordered  
1st plug 5050 @ 3050'  
2nd plug 1005 @ 2100'  
3rd plug 5050 @ 375' 255 5 x 10/40 4 1/2 gal 1/4 #16  
4th plug 1050 @ 40' w/d & plug  
RH 305x  
MH 155x

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0452	1	PUMP CHARGE	2300.00	2300.00
CE0002	40	MILEAGE	7.15	286.00
CE0710	11.09 Tons	Ton mileage delivery	1.75	776.30
CC5829	15668 255 5x	Lite weight blend II	110.00	4080.00
CE6075	64 #	Coll. Blaine / Flisecel	3.00	192.00
CE8228	1	8 5/8" wooden plug	165.00	165.00
			Subtotal	7799.30
			less 30% discount	2339.79
			Subtotal	5459.51
			SALES TAX	271.76
			ESTIMATED TOTAL	5731.27

AUTHORIZATION Kelly Wilson TITLE Pusher DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

**TREATMENT REPORT**



**HURRICANE SERVICES INC**

<b>Customer:</b> Brito Oil Co. Inc	<b>Date:</b> 2/6/2018	<b>Ticket No.:</b> 100874
<b>Field Rep:</b> Kelly Wilson		
<b>Address:</b>		
<b>City, State:</b>		
<b>County, Zip:</b>		

<b>Field Order No.:</b> 100874	<b>Open Hole:</b>	
<b>Well Name:</b> Egeland # 1-14	<b>Casing Depth:</b> 344'	
<b>Location:</b> brewster	<b>Casing Size:</b> 8 5/8 23 LB	
<b>Formation:</b>	<b>Tubing Depth:</b>	
<b>Type of Service:</b> Surface	<b>Tubing Size:</b>	
<b>Well Type:</b> Oil	<b>Liner Depth:</b>	
<b>Age of Well:</b> New	<b>Liner Size:</b>	
<b>Packer Type:</b>	<b>Liner Top:</b>	
<b>Packer Depth:</b>	<b>Liner Bottom:</b>	
<b>Treatment Via:</b> Casing	<b>Total Depth:</b> 345'	

	Perf Depths (ft)	Perfs
<b>Total Perfs</b>		<b>0</b>

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
6:30 PM					Called Out			
9:30 PM					On Location W/Trucks			
					Hold Safety Meeting Spot & Set Up Trucks			
					TD= 345' TP=344' SJ= 25'			
1:30 AM					Start Casing			
3:10 AM					Casing On Bottom			
3:20 AM					Hook Up To Casing & Break Circulation W/Rig			
3:40 AM	5.5		150.0		Start Pumping H2O			15.00
	5.5		175.0		Start Mix & Pump 270 Sacks Common 2% Gel 3% CC			67.80
	5.5		150.0		Start Displacement H2O			20.50
			150.0		Shut Down			
4:05 AM			125.0		Close Vavle On Casing			
					Good Circulation Thru Job			
					Circulate 15 Sacks To Pit			
					Wash Up & Rack Up Trucks			
					Off Location			
					Thank You Please Call Again			
					Todd Brad Cody Zach			
<b>TOTAL:</b>						-	-	103.30

**SUMMARY**

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
5.5	5.5	175.0	150.0

**PRODUCTS USED**

270 Sacks Common 2% Gel 3% Calcium Chloride

Treater: Todd Seba

Customer: Kelly Wilson