

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 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. 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)</i> <i>(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	Carmen Schmitt, Inc.
Well Name	POLIFKA 'A' 1-31
Doc ID	1373460

All Electric Logs Run

Dual Induction
Comp Porosity
Micro
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	POLIFKA 'A' 1-31
Doc ID	1373460

Tops

Name	Top	Datum
Anhydrite	2162	475
Topeka	3627	-992
Heebner Shale	3849	-1212
Lansing	3886	-1249
Stark Shale	4108	-1474
BKC	4155	-1518
Pawnee	4307	-1670
Cherokee Shale	4397	-1760
Mississippi	4464	-1827



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
10/25/2017	30856

BILL TO
Carmen Schmitt, Inc. P. O. Box 47 915 Harrison Great Bend, KS 67530-0047

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-31	Polifka A	Gove	Southwind Drillin...	Oil	Development	Long String	David E.
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				50	Miles	5.00	250.00
579D	Pump Charge - Two-Stage & Top To Bottom LongString				1	Job	1,700.00	1,700.00
290	D-Air				7	Gallon(s)	42.00	294.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00
281	Mud Flush				500	Gallon(s)	1.25	625.00T
402-5	5 1/2" Centralizer				10	Each	60.00	600.00T
403-5	5 1/2" Cement Basket				3	Each	250.00	750.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
330	Swift Multi-Density Standard (MIDCON II)				470	Sacks	15.75	7,402.50T
325	Standard Cement				150	Sacks	12.25	1,837.50T
284	Calseal				7	Sack(s)	30.00	210.00T
283	Salt				800	Lb(s)	0.20	160.00T
285	CFR-1				100	Lb(s)	4.50	450.00T
276	Flocele				150	Lb(s)	2.25	337.50T
581W	Service Charge Cement				620	Sacks	1.50	930.00T
583W	Drayage				1,500	Ton Miles	0.75	1,125.00T
	Subtotal							17,246.50
	Sales Tax Gove County						8.50%	1,295.95

7/10/43
19262.0131
Well Rite
Swift Long String

We Appreciate Your Business!

Total

\$18,542.45



TICKET 30856

CHARGE TO: *Carman Schmitt*
ADDRESS

CITY, STATE, ZIP CODE

PAGE 1 OF 2

SERVICE LOCATIONS
1. *Hays Ks* WELL PROJECT NO. *1-31* LEASE *Polita* COUNTY/PARISH *Gove* STATE *Ks* CITY *Location* DATE *10-25-17* TOWNER
2. *Ness City Ks* CONTRACTOR *Sourwind Drilling* RIG NAME/NO. *Rig # 8* SHIPPED *W/* DELIVERED TO
3. WELL TYPE *Oil* WELL CATEGORY *development* JOB PURPOSE *long string* WELL PERMIT NO.
4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	CITY	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
<i>575</i>		<i>1</i>			<i>50</i>	<i>mi</i>			<i>5.00</i>	<i>250.00</i>
<i>579</i>		<i>1</i>		<i>Pump Charge. Top to Bottom</i>	<i>1</i>	<i>EA</i>			<i>1700.00</i>	<i>1700.00</i>
<i>290</i>		<i>1</i>		<i>A. Arr.</i>	<i>7</i>	<i>Gal</i>			<i>42.00</i>	<i>294.00</i>
<i>221</i>		<i>1</i>		<i>Liquid Kel</i>	<i>2</i>	<i>Gal</i>			<i>25.00</i>	<i>50.00</i>
<i>281</i>		<i>1</i>		<i>Mudflush</i>	<i>500</i>	<i>Gal</i>			<i>1.25</i>	<i>625.00</i>
<i>402</i>		<i>1</i>		<i>Centracrter</i>	<i>10</i>	<i>EA</i>	<i>5 1/2</i>		<i>60.00</i>	<i>600.00</i>
<i>403</i>		<i>1</i>		<i>Cement Basket</i>	<i>3</i>	<i>EA</i>			<i>250.00</i>	<i>750.00</i>
<i>406</i>		<i>1</i>		<i>Latch Down plug & Baffle</i>	<i>1</i>	<i>EA</i>			<i>225.00</i>	<i>225.00</i>
<i>407</i>		<i>1</i>		<i>Insert Flort shoe of Auto Fill</i>	<i>1</i>	<i>EA</i>			<i>300.00</i>	<i>300.00</i>
<i>409</i>		<i>1</i>		<i>Rotating Head Centre</i>	<i>1</i>	<i>EA</i>			<i>200.00</i>	<i>200.00</i>

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.
MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED _____ TIME SIGNED _____
 A.M. P.M.

SWIFT OPERATOR *David Edgeron* APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

SWIFT OPERATOR *David Edgeron* APPROVAL

REMIT PAYMENT TO: *SWIFT SERVICES, INC.*
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
WE UNDERSTOOD AND MET YOUR NEEDS?
OUR SERVICE WAS PERFORMED WITHOUT DELAY?
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?
ARE YOU SATISFIED WITH OUR SERVICE?
 YES NO CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL *47994.00*
TOTAL *12452.50*
TOTAL *17846.50*
TOTAL *1295.95*
TOTAL *18342.45*

Thank You!



PO Box 466
Ness City, KS 67560
OH: 785-798-2300

TICKET CONTINUATION

TICKET No. 30856

DATE 10-25-17 PAGE 2 OF 2

CUSTOMER Carman Schmitt WEEL Polilka 1-31

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	QTY	U/M	QTY	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT								
330		2			Swift Multi Density	470	SKL			1575	7402.50
325		2			Standard Cement	150	SKL			1225	1837.50
284		2			Calseal	7	SKL			30.00	210.00
283		2			Salt	800	lbs			20	160.00
285		2			CFR-1	100	lbs			4.50	450.00
276		2			Flocel	150	lbs			2.25	337.50
S87					Service Charge						930.00
S83					MILEAGE CHARGE						1125.00
						CUBIC FEET	620	SKL			
						TON MILES	1500				

CONTINUATION TOTAL 18452.50

JOB LOG

SWIFT Services, Inc.

DATE 10-25-17 PAGE NO.

CUSTOMER Carman Schmitt WELL NO. 1-31 LEASE Polifka JOB TYPE T20 long string TICKET NO. 30856

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	8:00							On location
								Csg. 5 1/2 x 14 e 4533.57 RTD - 4550 LTD - 4550 Centralizers - 3, 5, 7, 10, 11, 13, 14, 15, 52, 100 Baskets - 9, 56, 102 Shoe Jr - 42.36 e 4491.21
	1350	2.5	14			0		Start running Csg break circ on Bottom
	1355	2.5	11			0		plug rat hole - 30 sks smd
	1400	6	12				300	plug mouse hole - 20 sks smd pump mud flush - 500 gal
		6	20				300	pump KCL spacer
		6.5	0				300	start CMT - 420 sks smd
		6.5	230				100	switch to 150 sks EA-2
	1500	5	265				0	END CMT
								Drop plug / wash p & l
	1505	6.5	0				0	Start Disp
	1525	4.5	109.5				1200	land plug - lift - 1200 psi land - 1800 psi Release psi - Dry
								& Circulated 50 sks CMT
								Thanks David, Zach, Shane & Kirby



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

Brito Oil Co. Inc
31-12S-26W Gove,Co
Polifka #1-31
DST # 1
LKC "B"
2017.10.21



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:

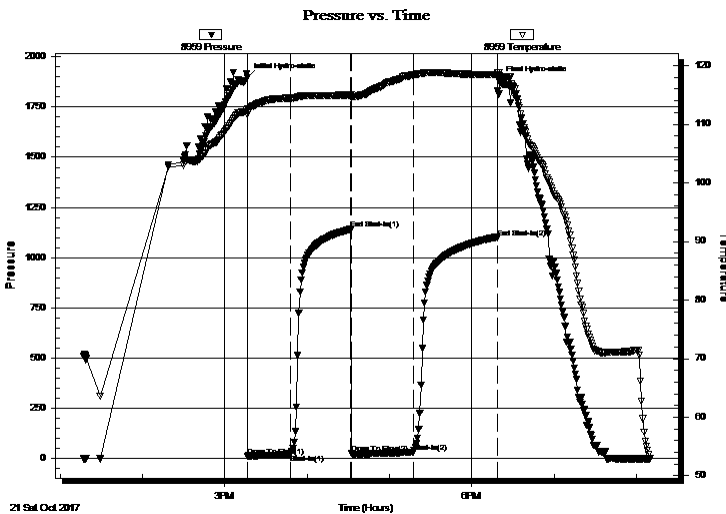
20:10:20

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



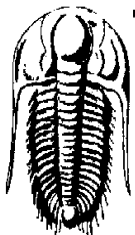
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1896.87	112.57	Initial Hydro-static
1	13.43	111.56	Open to Flow (1)
32	21.24	114.40	Shut-In(1)
76	1141.38	115.00	End Shut-In(1)
76	26.70	114.59	Open To Flow (2)
121	32.87	118.41	Shut-In(2)
183	1099.76	118.46	End Shut-In(2)
184	1881.49	118.27	Final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

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 #: 8734 Outside

Press@RunDepth: 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:

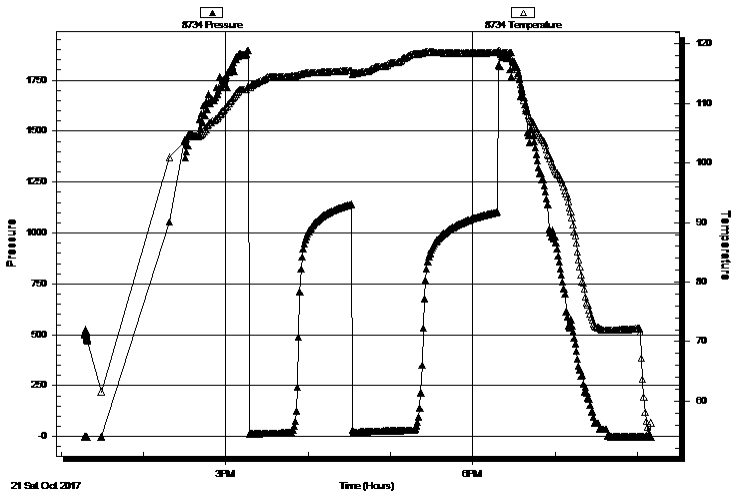
20:10:20

Time On Btm:

Time Off Btm:

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 vs. Time



PRESSURE SUMMARY

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

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
TESTING, INC.**

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

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.19 in³

Resistivity: ohm.m

Salinity: 2200.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

24.3 deg API

Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
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 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

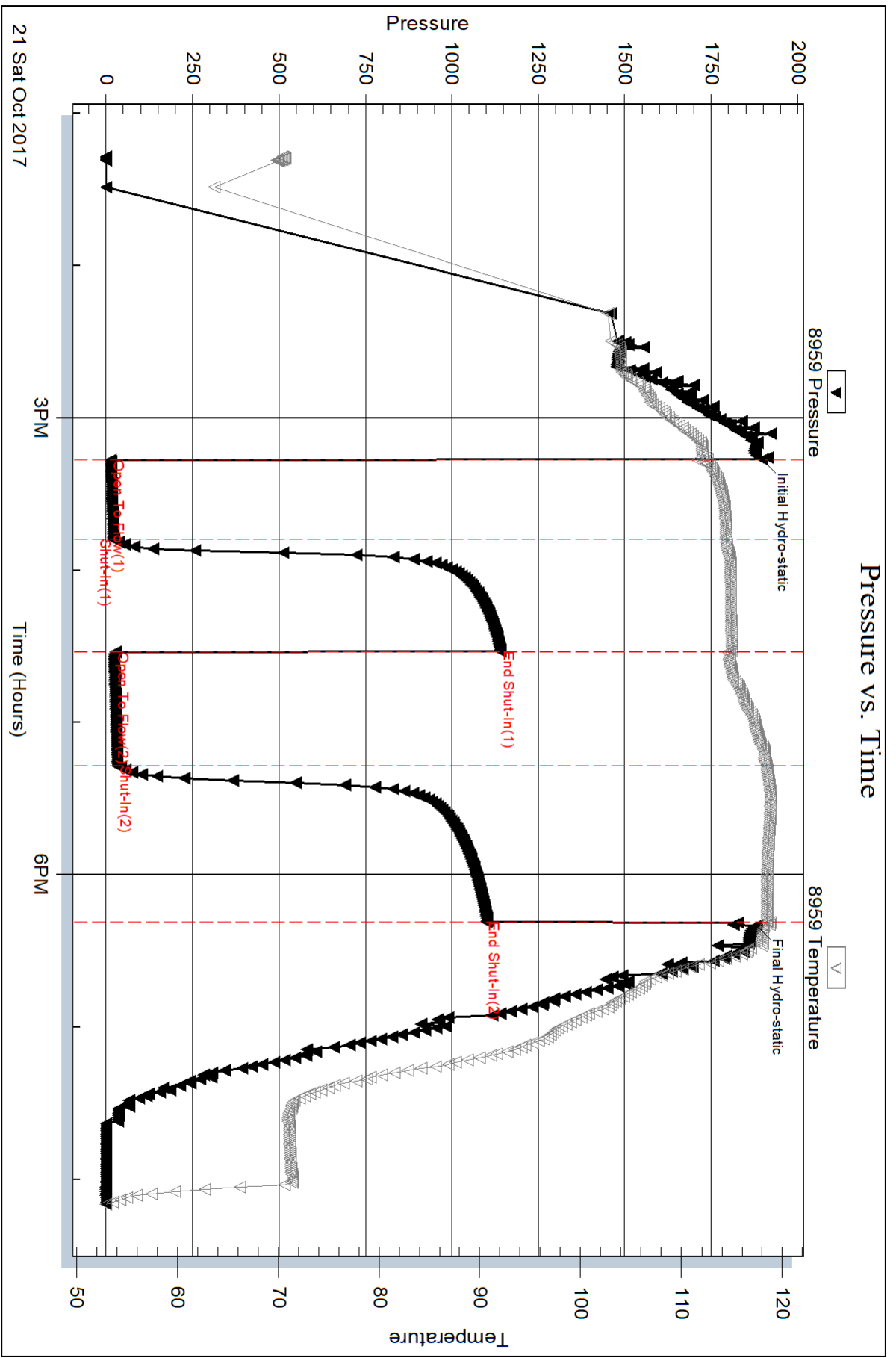
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 23.5 @ 52 degs

Gravity corrected to 24.3 @ 60 degs



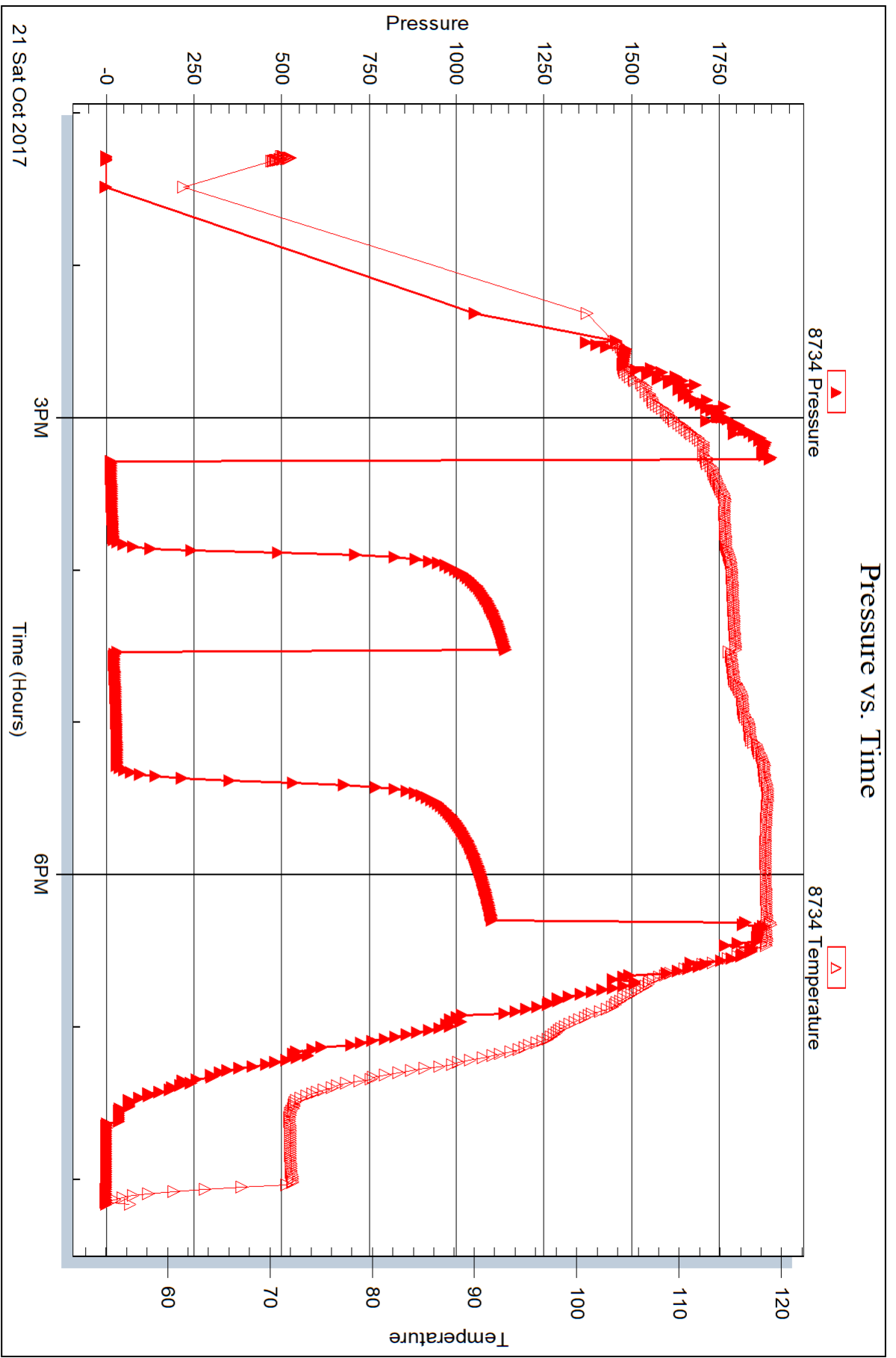
21 Sat Oct 2017

Serial #: 8734

Outside Brito Oil Co. Inc

Poitka #1-31

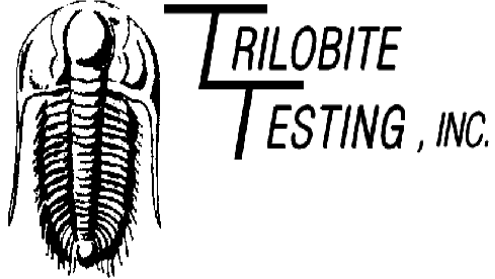
DST Test Number: 1



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)

Time Tool Opened: 17:19:30

Time Test Ended: 23:15:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: 4059.00 ft (KB) To 4090.00 ft (KB) (TVD)

Total Depth: 4090.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2637.00 ft (KB)

2627.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8959

Inside

Press@RunDepth: 130.34 psig @ 4060.00 ft (KB)

Start Date: 2017.10.22

End Date:

2017.10.22

Start Time: 15:22:01

End Time:

23:15:10

Capacity: 8000.00 psig

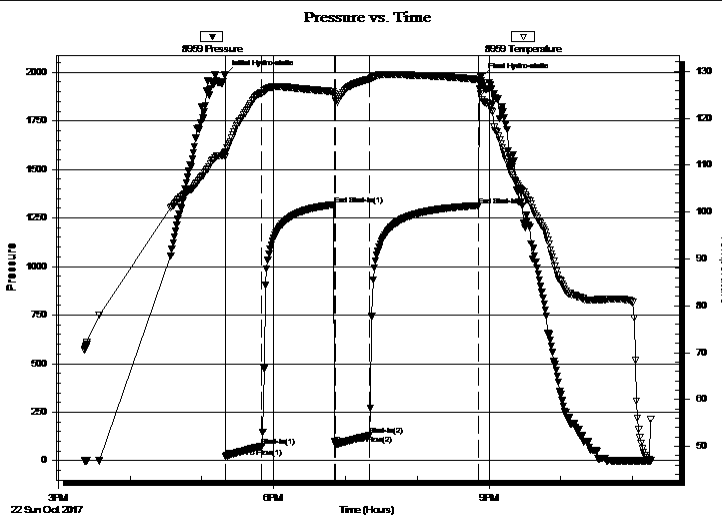
Last Calib.: 2017.10.22

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

Gas Rates

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

* Recovery from multiple tests



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: 63162

DST#: 2

Test Start: 2017.10.22 @ 15:22:00

GENERAL INFORMATION:

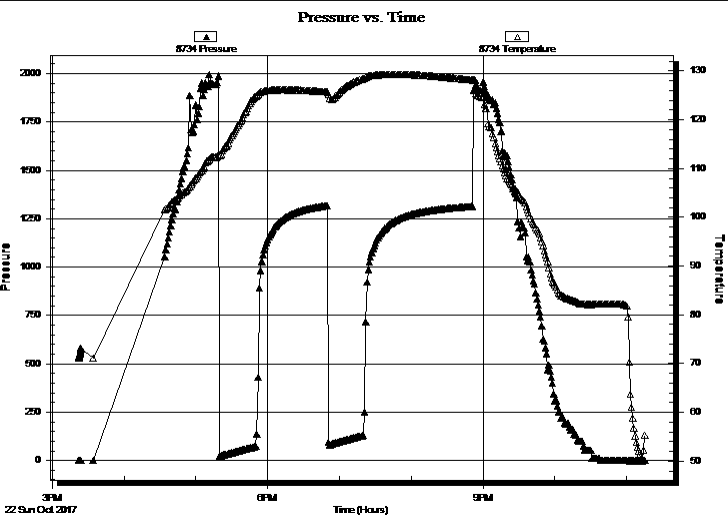
Formation: LKC " I "		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock:	ft (KB)	Tester: Martine Salinas
Time Tool Opened: 17:19:30		Unit No: 82
Time Test Ended: 23:15:09		
Interval: 4059.00 ft (KB) To 4090.00 ft (KB) (TVD)		Reference Elevations: 2637.00 ft (KB)
Total Depth: 4090.00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

Serial #: 8734

Outside

Press@RunDepth:	psig @ 4060.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2017.10.22	End Date:	2017.10.22
Start Time:	15:22:01	End Time:	23:15:10
		Time On Btm:	
		Time Off Btm:	

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

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

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 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				



**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: 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

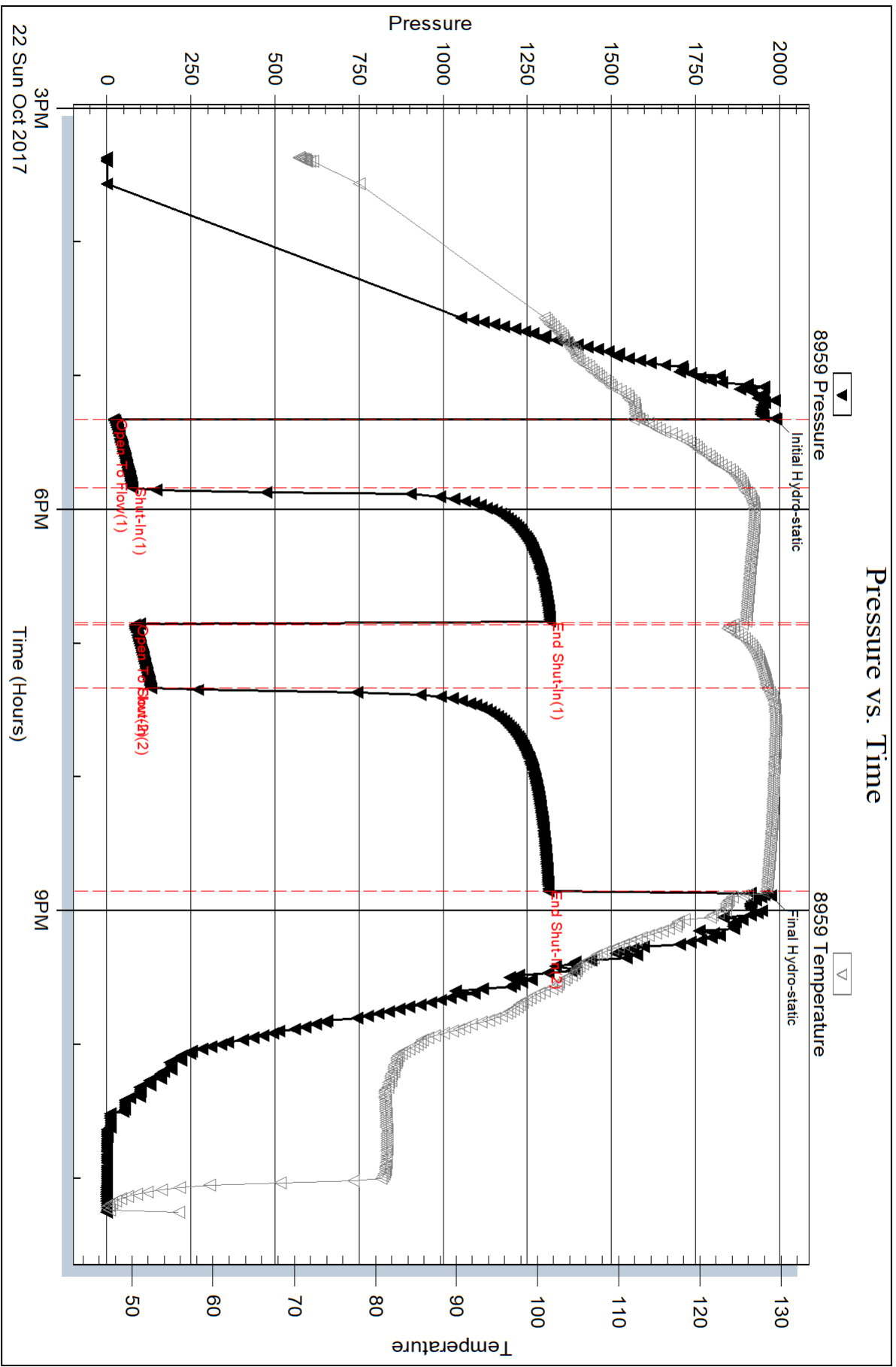
Serial #: 8959

Inside

Brito Oil Co. Inc

Poitfka #1-31

DST Test Number: 2

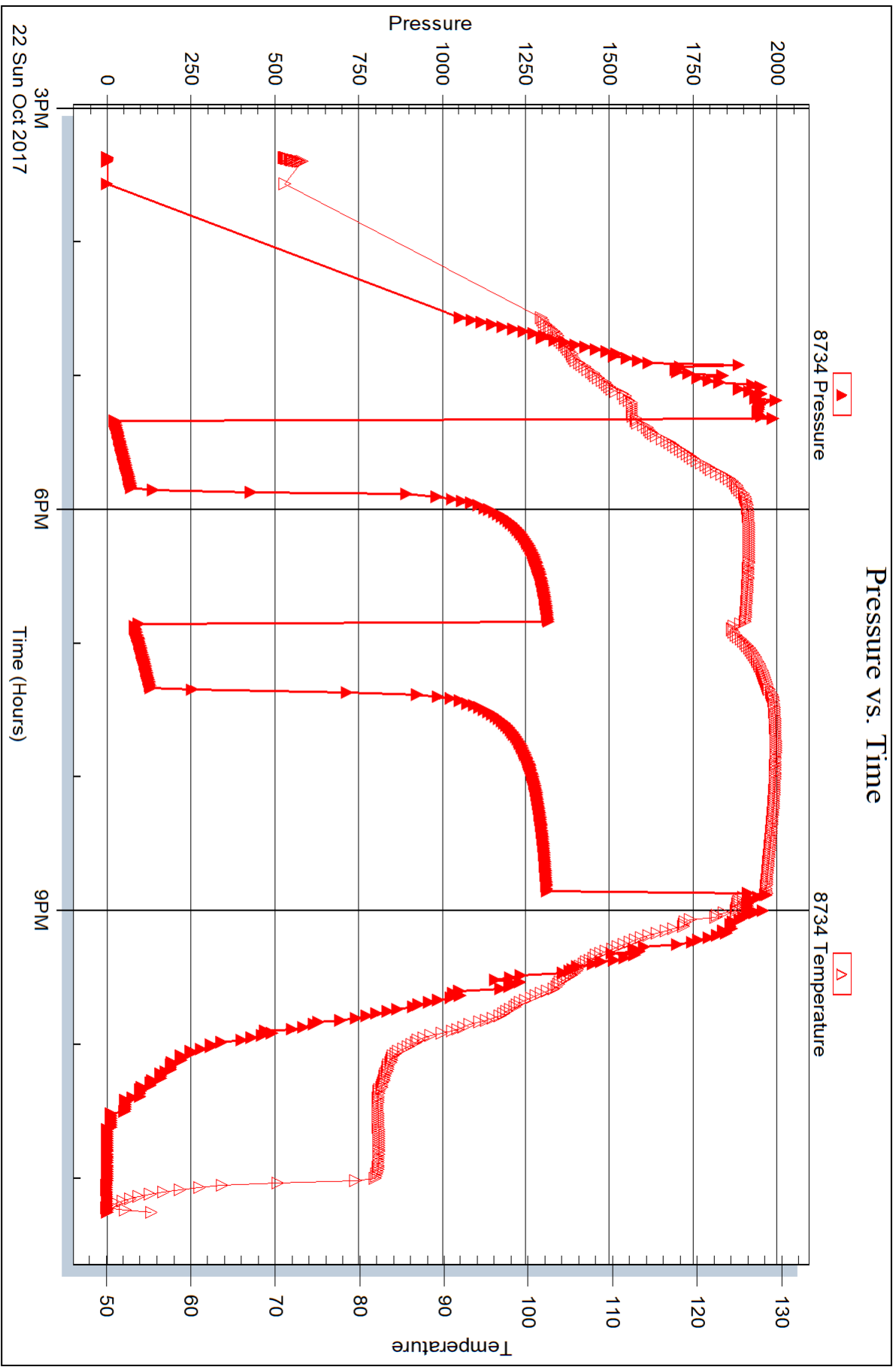


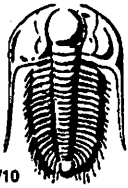
Serial #: 8734

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~~ H1-31 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

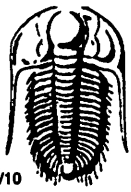
Rec Total 64 BHT 118 Gravity 24.3 API RW @ °F Chlorides _____ ppm

(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 — Sub Total 800
 Day Standby 1.5d 3h Total 2027
 Accessibility — MP/DST Disc't —
 Sub Total 1227

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.