

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. 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	TLM 1-15
Doc ID	1732287

Tops

Name	Top	Datum
Stone Corral	3096	254
Topeka	4028	-678
Heebner	4194	-844
Lansing	4240	-890
Muncie	4361	-1011
Stark	4440	-1090
B K/c	4508	-1158
Marmaton	4524	-1174
Pawnee	4610	-1260
Ft.Scott	4666	-1316
Cherokee	4687	-1337
Mississippi	4880	-1530

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
9/27/2023	36371

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	#1-5	TLM	Rawlins	Murfin	Oil	Development	Long String	David E
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				150	Miles	8.00	1,200.00
578D-L	Pump Charge - Long String				1	Job	1,700.00	1,700.00
290	D-Air				2	Gallon(s)	42.00	84.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00
281	Mud Flush				500	Gallon(s)	2.50	1,250.00T
403-5	5 1/2" Cement Basket				1	Each	350.00	350.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	300.00	300.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	400.00	400.00T
409-5	5 1/2" Turbolizer				7	Each	110.00	770.00T
325	Standard Cement				200	Sacks	16.00	3,200.00T
279	Bentonite Gel				4	Sack(s)	50.00	200.00T
283	Salt				1,100	Lb(s)	0.25	275.00T
292	Halad 322				100	Lb(s)	9.00	900.00T
276	Flocele				50	Lb(s)	4.00	200.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
583D	Drayage				1,534	Ton Miles	1.00	1,534.00
	Subtotal							12,813.00
	Sales Tax Rawlins County						7.50%	594.68
<p>710/43 20546.0115 Well Rite Cement Long String</p>								
We Appreciate Your Business!							Total	\$13,407.68



CHARGE TO: **CARMEN Schmitt**

ADDRESS

CITY, STATE, ZIP CODE

TICKET 36371

PAGE 1 OF 3

1. SERVICE LOCATIONS Hays	WELL/PROJECT NO. 1-5	LEASE TLM	COUNTY/PARISH Rawlins	STATE Ks	CITY	DATE 9-27-23	OWNER
2. Ness City	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR MURKIN	RIG NAME/NO.	SHIPPED VIA Cr	DELIVERED TO Location	ORDER NO.	
3.	WELL TYPE oil	WELL CATEGORY Development	JOB PURPOSE long string	WELL PERMIT NO.	WELL LOCATION		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M		
575		1			MILEAGE TRK III	150	mi	8 ⁰⁰	1200 ⁰⁰
578		1			Pump Charge - Long String	1	EA	1700 ⁰⁰	1700 ⁰⁰
290		1			D-Air	2	gal	42 ⁰⁰	84 ⁰⁰
221		1			Liquid Kel	2	gal	25 ⁰⁰	50 ⁰⁰
281		1			Mud Flush	500	gal	2 ⁵⁰	1250 ⁰⁰
403		1			Cement Basket	1	EA	350 ⁰⁰	350 ⁰⁰
406		1			LATCH DOWN Plug & Baffle	1	EA	300 ⁰⁰	300 ⁰⁰
407		1			INSERT FLOAT SHOE W/ Auto fill	1	EA	400 ⁰⁰	400 ⁰⁰
409		1			TURBOLIZER	7	EA	110 ⁰⁰	770 ⁰⁰

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.

X

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

REMIT PAYMENT TO:

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

SURVEY	AGREE	UNDECIDED	DISAGREE		
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				PAGE TOTAL P.1	6104 ⁰⁰
WE UNDERSTOOD AND MET YOUR NEEDS?				P.2	6709 ⁰⁰
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				TOTAL	12813 ⁰⁰
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				<i>Rawlins</i>	594 ⁶⁸
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL	13407 ⁶⁸
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 36371

CUSTOMER Carman Schmitt	WELL TLM 1-15	DATE 9-27-23	PAGE 2 OF 3
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PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	ACCOUNTING	TIME	DESCRIPTION	QTY	U/M	UNIT PRICE	AMOUNT
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325		2					STANDARD CEMENT	200	SX	16.00	3200.00
279		2					Bentonite Gel	4	SX	50.00	200.00
283		2					SALT	1100	lbs	25.00	27500.00
292		2					HARD - 322	100	lbs	9.00	900.00
276		2					Floticle	50	lbs	4.00	200.00

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	LOC	ACCT	DF	ACCOUNTING	TIME	DESCRIPTION	QTY	U/M	UNIT PRICE	AMOUNT
581		2					Cement	200	SX	2.90	580.00
583		2									

CONTINUATION TOTAL

6709.00

JOB LOG

SWIFT Services. Inc.

DATE
9-27-23

PAGE NO.

CUSTOMER
Carmen Schmitt

WELL NO.
1-15

LEASE
TLM

JOB TYPE
LONG STRING

TICKET NO.
36371

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							ON LOCATION
								csg- 5 1/2 x 14 + RTD - 4950 BAFFLE - 4874 TURBOLIZERS - 4, 5, 7, 9, 13, 15, 17 BASKET - 3
	1530							START RUNNING CSG
	1745							BREAK CIRC ON BITM
	2000	2	8			0		Plug Rat Hole - 20 sx
		6	12			400		Pump MUDFLUSH - 500 GAL
		6	20			400		Pump KCL SPACER
		5	44			400		Pump CMT - 180 SX @ 14 ⁸ PPG Drop Plug - WASH P&L
		7	0			400		START DISP
	2030		119			1200		LAND plug @ 1700 PSI RELEASE PSI - DRY
								JOB COMPLETE
								THANKS DAVID, SETH & MARK

Saman Sharifaie

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY: **Brito Oil Co., Inc.**
WELL #1-15

FIELD: **Wildcat**
LOCATION: **740° E SL & 1160° E WL**
SEC: **15 TWP 4S RGE 36W**
COUNTY: **Rawlins STATE Kansas**
CONTRACTOR: **Murfin Drilling #110**
SPUD: **09/18/23 COMP 09/27/23**

RTD: **4950' LTD 4951'**
MUD U/P: **3600' TYPE MUD Chemical**
DRAILINGS SAVED FROM: **3900' TO RTD**
SAMPLING TIME KEPT FROM: **3900' TO RTD**
SAMPLES EXAMINED FROM: **3900' TO RTD**

CONDUCTOR: **8-5/8" at 386'**
SURFACE: **5-1/2" at 4917'**
PRODUCTION: **1-1/2" at 4917'**

CASING: **5-1/2" at 4917'**
ELECTRICAL SURVEYS: **CND, DIL, MEL**

GEOLOGICAL SUPERVISION FROM: **3800'**
REFERENCE WELL: **Brito Oil - Hines Farm #1-9**

FORMATION: **Sample Tops** **E-log Tops** **Struct**

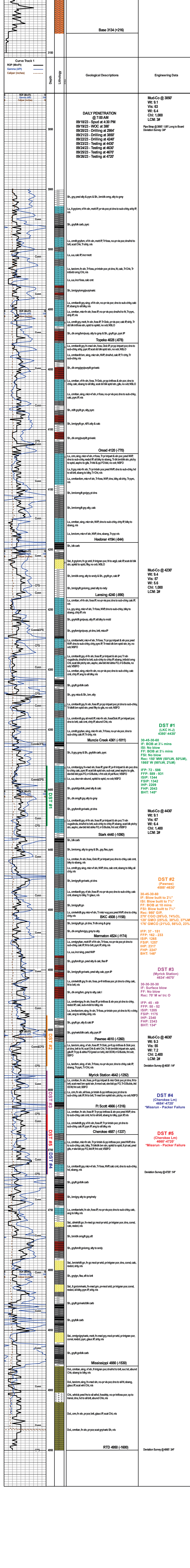
Anhydritic	3092 (-258)	3095 (-256)	+6
Topoka	4028 (-678)	4025 (-678)	-10
Heebner	4198 (-848)	4194 (-844)	-14
Amisburg	4241 (-891)	4240 (-890)	-11
Muncie Creek	4364 (-1014)	4361 (-1011)	-11
BKC	4508 (-1158)	4505 (-1155)	-18
Pawnee	4610 (-1260)	4610 (-1260)	-12
Cherokee	4684 (-1334)	4687 (-1337)	-16
Mississippi	4880 (-1530)	4880 (-1530)	-20

REMARKS: Due to fair shows of oil in multiple potential pay zones and positive DST results, it is recommended and agreed upon by all parties that production casing be set to further evaluate this well.

Respectfully Submitted,
Saman Sharifaie
Petroleum Geologist

API #15-153-21320

*Tops have been adjusted to electric logs



Engineering Data

Mud-Co @ 3850'
Wt: 9.1
Vis: 63
Chl: 6.4
LCM: 3#

Pipe Strap @ 3850': 188' Long to Board
Deviation Survey: 34F

DST #1 (LKC H-J)
4380'-4430'

30-45-30-60
IF: BOB at 3 1/4 mins
ISI: No blow
FF: BOB at 3 1/4 mins
FSI: No blow
Rec: 150' MW (50%W, 50%M),
1865' W (98%W, 2%M)

IFP: 72 - 586
FFP: 589 - 931
ISIP: 1344
FSIP: 1342
IHP: 2209
FHP: 2247
BHT: 145°

Mud-Co @ 4230'
Wt: 9.1
Vis: 57
Chl: 5.6
LCM: 2#

DST #2 (Pawnee)
4588'-4630'

30-45-30-60
IF: Blow built to 2 1/2"
ISI: Blow built to 7 1/2"
FF: BOB at 10 mins
FSI: Blow built to 7 1/4"
Rec: 980' GIP,
270' GGO (26%G, 74%O),
120' GGO (25%G, 38%O, 37%M),
178' GGO (21%G, 56%O, 23%M)

IFP: 37 - 151
FFP: 162 - 233
ISIP: 1265
FSIP: 1267
IHP: 2317
FHP: 2247
BHT: 146°

Mud-Co @ 4430'
Wt: 9.1
Vis: 67
Chl: 2.40
LCM: 1#

Deviation Survey @ 4630': 14F

DST #3 (Myrick Station)
4634'-4670'

30-30-30-30
IF: Surface blow
FF: No blow
Rec: 70' M w trc O

IFP: 45 - 49
FFP: 50 - 52
ISIP: 1205
FSIP: 1175
IHP: 2340
FHP: 2343
BHT: 134°

Mud-Co @ 4630'
Wt: 9.3
Vis: 55
Chl: 7.2
LCM: 2#

Deviation Survey @ 4630': 14F

DST #4 (Cherokee Lm)
4684'-4720'

*Missrun - Packer Failure

DST #5 (Cherokee Lm)
4660'-4720'

*Missrun - Packer Failure

Deviation Survey @ 4720': 14F

API #15-153-21320



DRILL STEM TEST REPORT

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

8100 E 22nd St N STE 600-R
Wichita, KS 67226

ATTN: Saman Sharifaie

TLM #1-15

15-4s-36w Rawlins KS

Start Date: 2023.09.23 @ 03:52:00

End Date: 2023.09.23 @ 11:40:51

Job Ticket #: 71556 DST #: 1

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

Printed: 2023.09.28 @ 10:58:10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71556 **DST#: 1**
Test Start: 2023.09.23 @ 03:52:00

GENERAL INFORMATION:

Formation: **LKC "H - J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:20:21
Time Test Ended: 11:40:51
Interval: **4380.00 ft (KB) To 4430.00 ft (KB) (TVD)**
Total Depth: 4430.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: James Winder
Unit No: 73
Reference Elevations: 3350.00 ft (KB)
3345.00 ft (CF)
KB to GR/CF: 5.00 ft

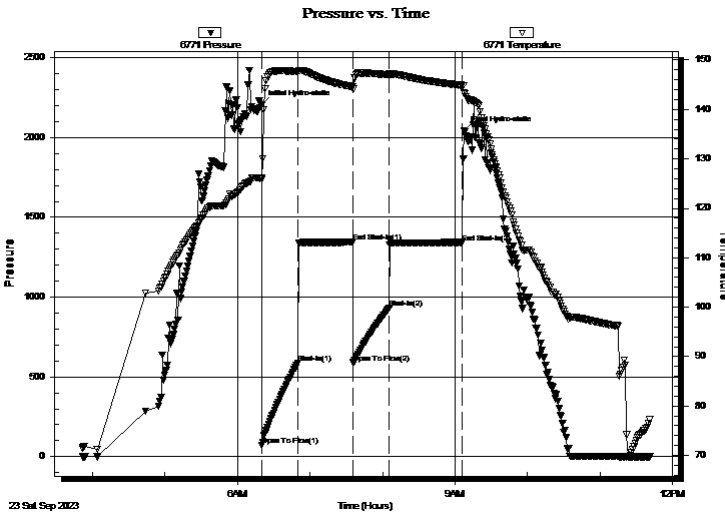
Serial #: 6771

Inside

Press@RunDepth: 930.80 psig @ 4381.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2023.09.23 End Date: 2023.09.23 Last Calib.: 2023.09.23
Start Time: 03:52:01 End Time: 11:40:51 Time On Btm: 2023.09.23 @ 06:20:06
Time Off Btm: 2023.09.23 @ 09:07:36

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 3 1/4 min., built to 81"
45 - IS: No blow back
30 - FF: Blow built to BOB at 3 1/4 min., built to 98"
60 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2208.69	126.24	Initial Hydro-static
1	72.32	125.85	Open To Flow (1)
30	586.16	147.63	Shut-In(1)
76	1344.05	144.57	End Shut-In(1)
76	589.01	144.12	Open To Flow (2)
106	930.80	147.01	Shut-In(2)
166	1342.29	144.89	End Shut-In(2)
168	2042.77	143.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1865.00	Water 98%w, 2%m	1.92
150.00	MW 50%m, 50%w	0.09

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.

15-4s-36w Rawlins KS

8100 E 22nd St N STE 600-R
Wichita, KS 67226

TLM #1-15

Job Ticket: 71556

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2023.09.23 @ 03:52:00

Tool Information

Drill Pipe:	Length: 4198.00 ft	Diameter: 0.80 inches	Volume: 2.61 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: 20000.00 lb
Drill Collar:	Length: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 3.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4380.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	83.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4348.00	
Shut In Tool	5.00			4353.00	
Hydraulic tool	5.00			4358.00	
Jars	5.00			4363.00	
EM Tool	4.00			4367.00	
Safety Joint	3.00			4370.00	
Packer	5.00			4375.00	33.00 Bottom Of Top Packer
Packer	5.00			4380.00	
Stubb	1.00			4381.00	
Recorder	0.00	6771	Inside	4381.00	
Recorder	0.00	8367	Outside	4381.00	
Perforations	10.00			4391.00	
Blank Spacing	33.00			4424.00	
Perforations	3.00			4427.00	
Bullnose	3.00			4430.00	50.00 Bottom Packers & Anchor

Total Tool Length: 83.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71556 **DST#: 1**
Test Start: 2023.09.23 @ 03:52:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	20000 ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1865.00	Water 98%w , 2%m	1.916
150.00	MW 50%m, 50%w	0.093

Total Length: 2015.00 ft Total Volume: 2.009 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .395 ohms @ 60 deg F Chlorides = 20,000 ppm

Serial #: 6771

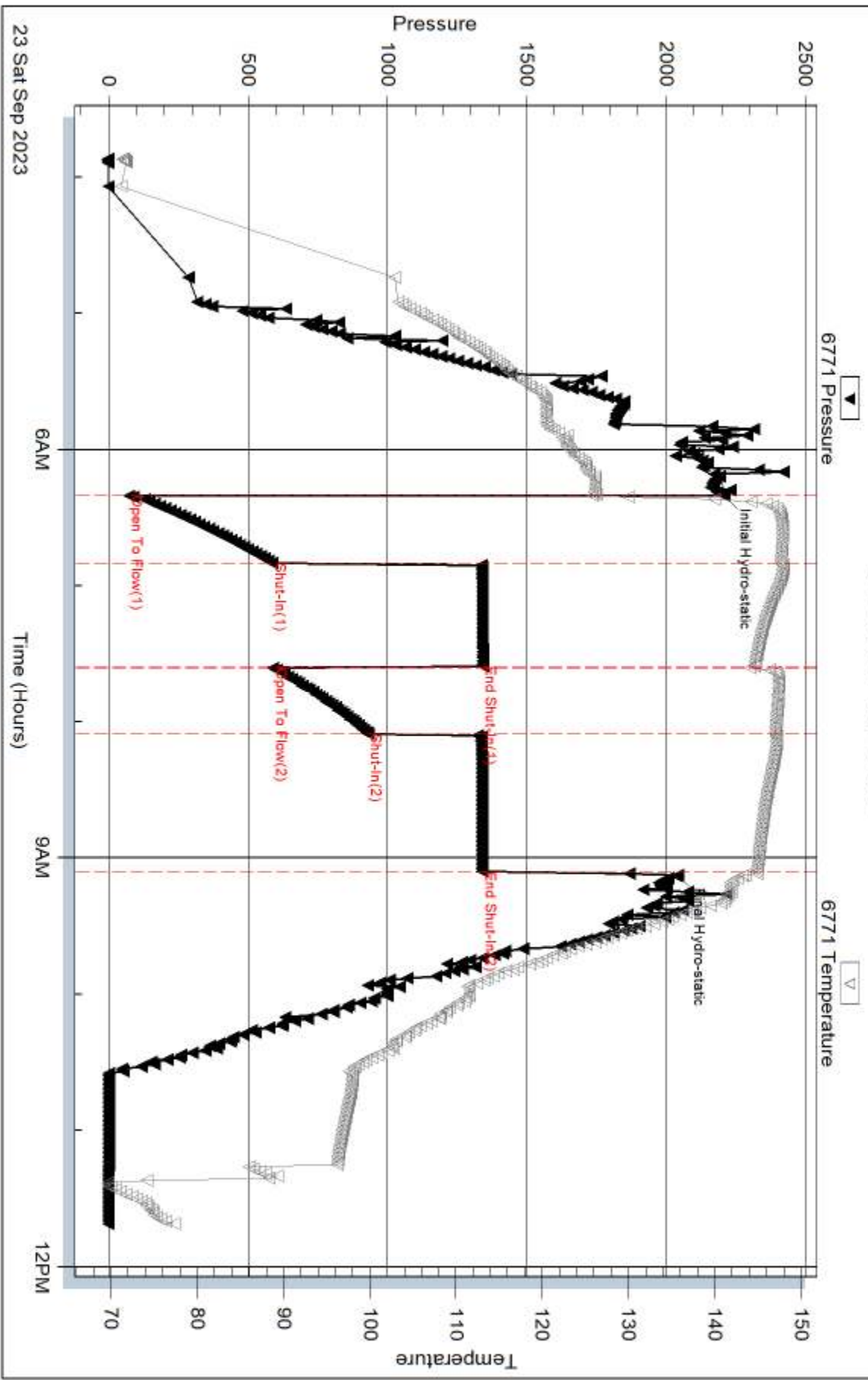
Inside

Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 71556

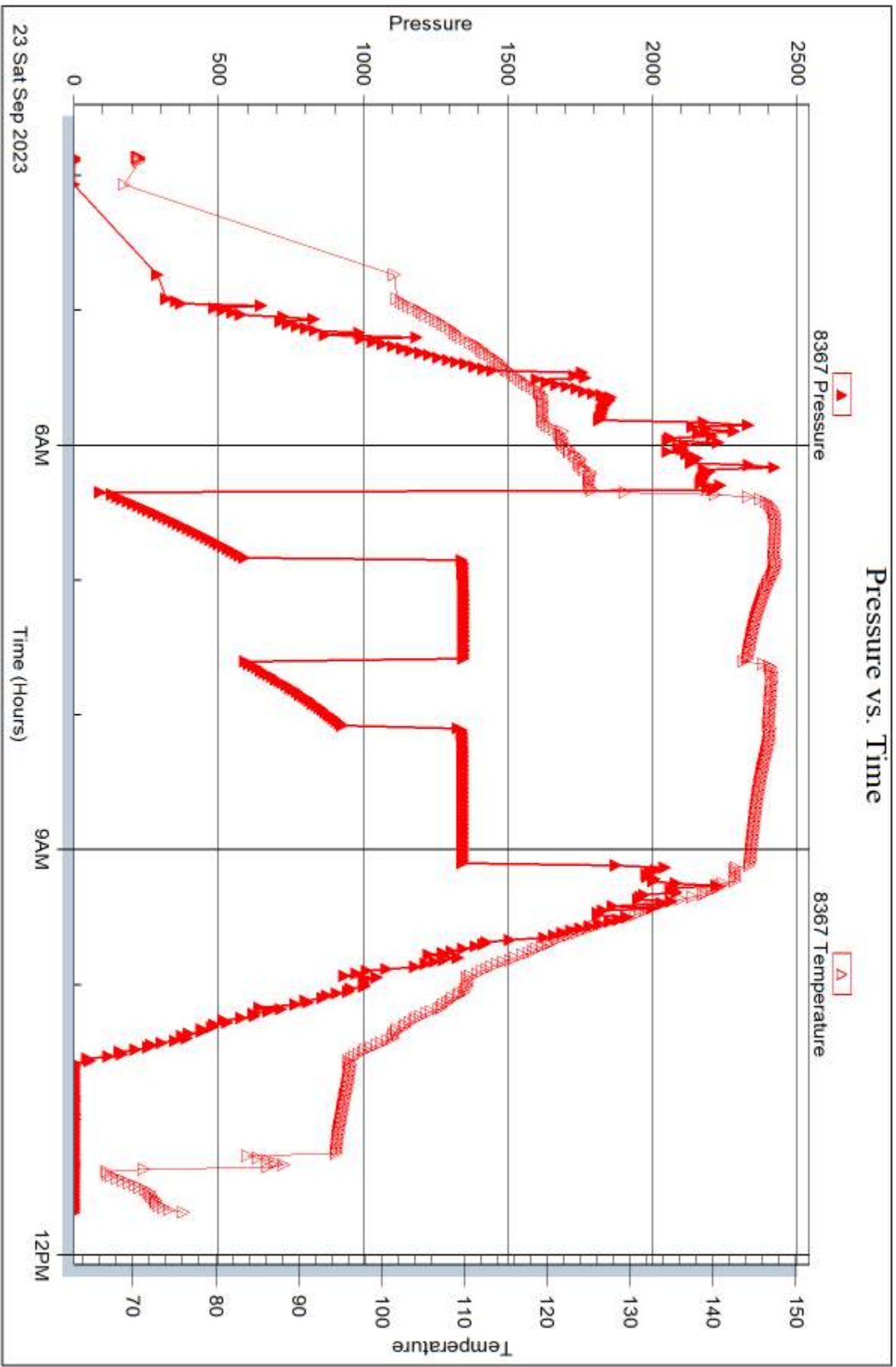
Printed: 2023.09.28 @ 10:58:11

Serial #: 8367

Outside Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 1





DRILL STEM TEST REPORT

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

8100 E 22nd St N STE 600-R
Wichita, KS 67226

ATTN: Saman Sharifaie

TLM #1-15

15-4s-36w Rawlins KS

Start Date: 2023.09.24 @ 08:32:00

End Date: 2023.09.24 @ 15:59:06

Job Ticket #: 71557 DST #: 2

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

Printed: 2023.09.28 @ 10:57:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71557 **DST#: 2**
Test Start: 2023.09.24 @ 08:32:00

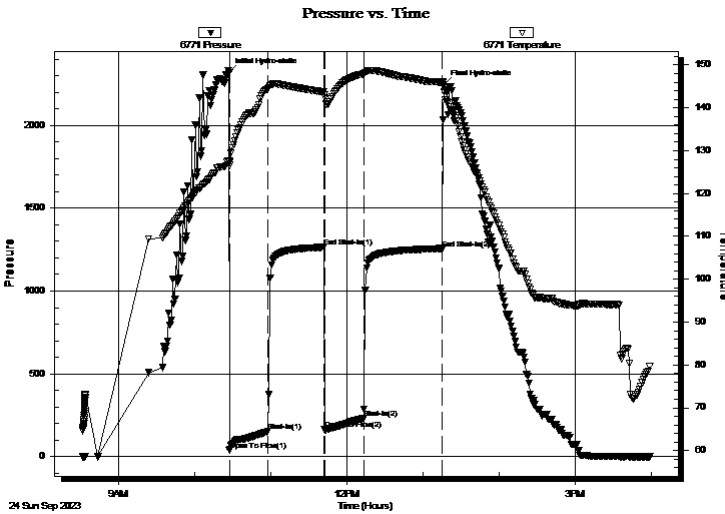
GENERAL INFORMATION:

Formation: **Pawnee**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 10:27:36 Tester: James Winder
Time Test Ended: 15:59:06 Unit No: 83
Interval: 4588.00 ft (KB) To 4630.00 ft (KB) (TVD) Reference Elevations: 3350.00 ft (KB)
Total Depth: 4630.00 ft (KB) (TVD) 3345.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6771 Inside
Press@RunDepth: 233.43 psig @ 4589.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2023.09.24 End Date: 2023.09.24 Last Calib.: 2023.09.24
Start Time: 08:32:01 End Time: 15:59:06 Time On Btm: 2023.09.24 @ 10:27:21
Time Off Btm: 2023.09.24 @ 13:16:51

TEST COMMENT: 30 - IF: Blow built to 2 1/2" (Found floor valve open slightly)
45 - IS: Blow back built to 7 1/2"
30 - FF: Blow built to BOB (11") at 10 min., built to 35"
60 - FS: Blow back built to 7 1/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2317.47	127.68	Initial Hydro-static
1	37.26	126.60	Open To Flow (1)
31	151.25	144.52	Shut-In(1)
75	1264.90	143.72	End Shut-In(1)
76	162.01	143.07	Open To Flow (2)
107	233.43	147.93	Shut-In(2)
169	1256.66	145.95	End Shut-In(2)
170	2247.47	143.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
176.00	GMCO 56%o, 23%m, 21%g	0.87
124.00	GMO 38%o, 37%m, 25%g	0.08
270.00	CGO 74%o, 26%g	0.17
0.00	GIP = 980'	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.

15-4s-36w Rawlins KS

8100 E 22nd St N STE 600-R
Wichita, KS 67226

TLM #1-15

Job Ticket: 71557

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2023.09.24 @ 08:32:00

Tool Information

Drill Pipe:	Length: 4387.00 ft	Diameter: 0.80 inches	Volume: 2.73 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: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 3.60 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4588.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4556.00	
Shut In Tool	5.00			4561.00	
Hydraulic tool	5.00			4566.00	
Jars	5.00			4571.00	
EM Tool	4.00			4575.00	
Safety Joint	3.00			4578.00	
Packer	5.00			4583.00	33.00 Bottom Of Top Packer
Packer	5.00			4588.00	
Stubb	1.00			4589.00	
Recorder	0.00	6771	Inside	4589.00	
Recorder	0.00	8367	Outside	4589.00	
Perforations	5.00			4594.00	
Blank Spacing	33.00			4627.00	
Bullnose	3.00			4630.00	42.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.

15-4s-36w Rawlins KS

8100 E 22nd St N STE 600-R
Wichita, KS 67226

TLM #1-15

Job Ticket: 71557

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2023.09.24 @ 08:32:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
176.00	GMCO 56%o, 23%m, 21%g	0.866
124.00	GMO 38%o, 37%m, 25%g	0.077
270.00	CGO 74%o, 26%g	0.168
0.00	GIP = 980'	0.000

Total Length: 570.00 ft

Total Volume: 1.111 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

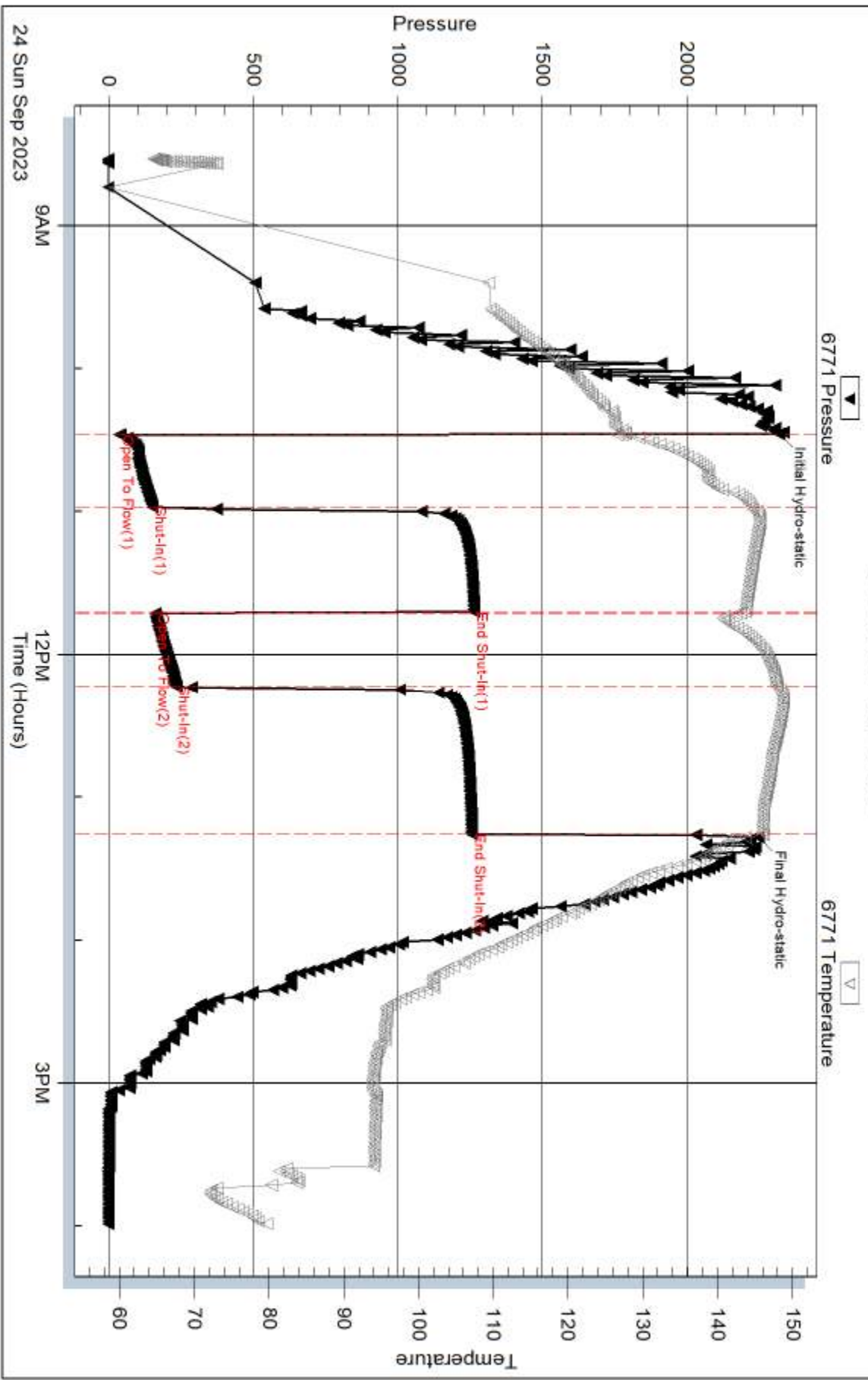
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 31.8 api @ 100 deg F Corrected Gravity = 27.8 api

Pressure vs. Time

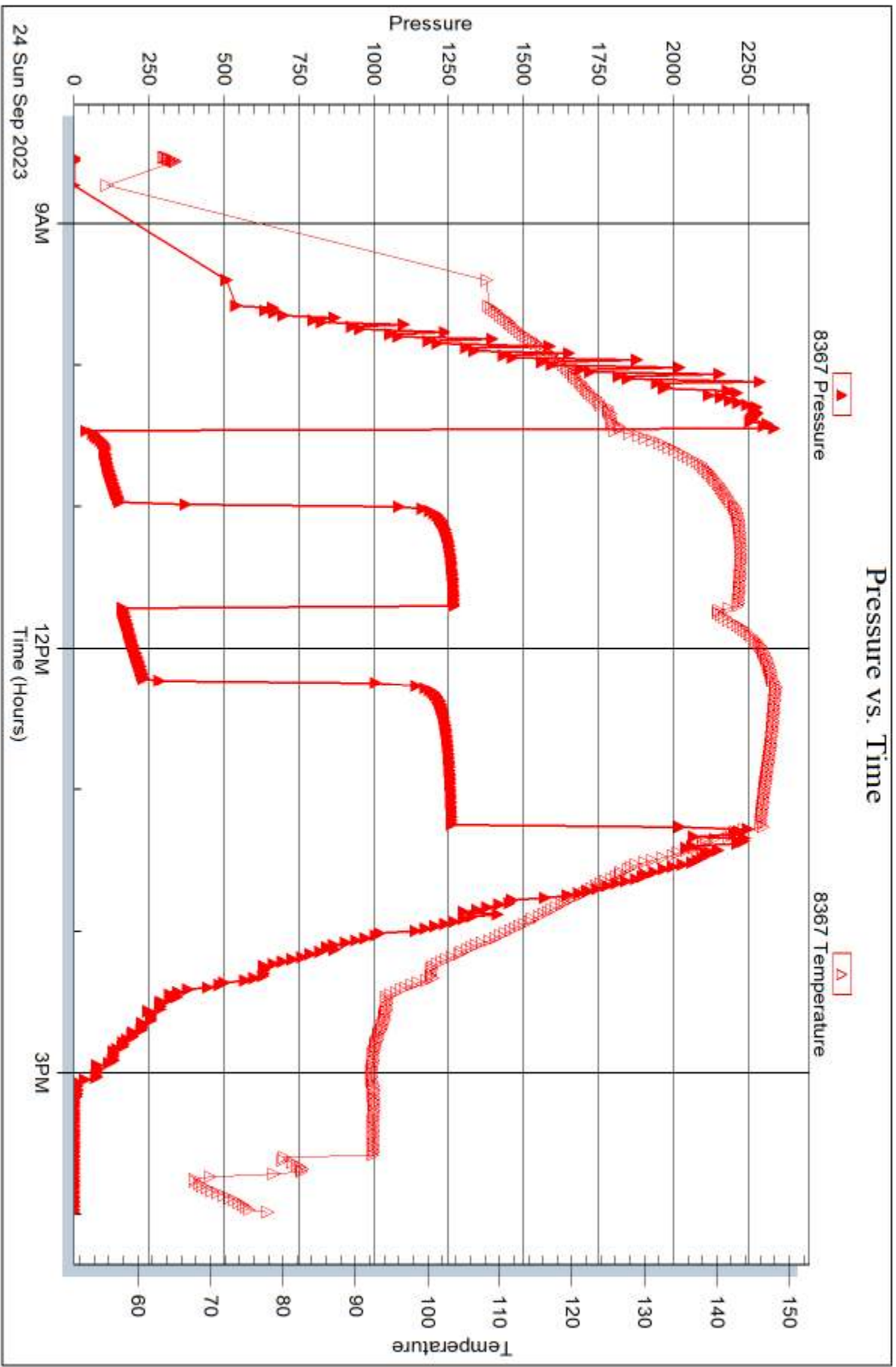


Serial #: 8367

Outside Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 2





DRILL STEM TEST REPORT

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

8100 E 22nd St N STE 600-R
Wichita, KS 67226

ATTN: Saman Sharifaie

TLM #1-15

15-4s-36w Rawlins KS

Start Date: 2023.09.25 @ 00:38:00

End Date: 2023.09.25 @ 06:53:21

Job Ticket #: 71558 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.09.28 @ 10:57:22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

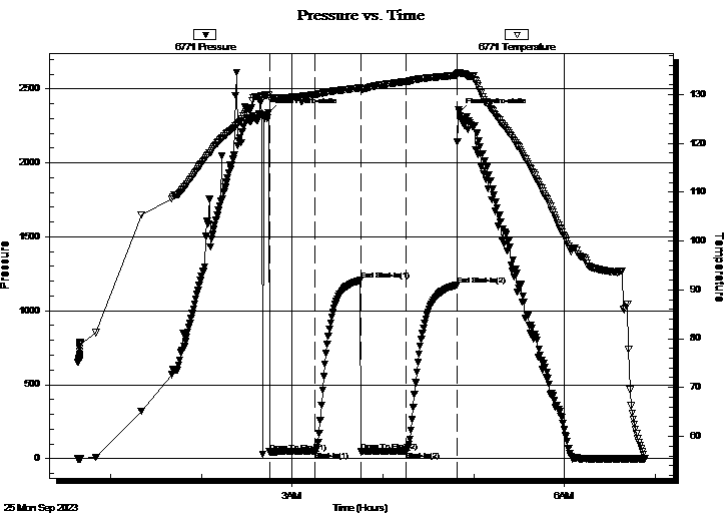
15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71558 **DST#: 3**
Test Start: 2023.09.25 @ 00:38:00

GENERAL INFORMATION:

Formation: **Myrick Station**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:44:51
Time Test Ended: 06:53:21
Interval: **4634.00 ft (KB) To 4670.00 ft (KB) (TVD)**
Total Depth: 4670.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 3350.00 ft (KB)
3345.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 83

Serial #: 6771 Inside
Press@RunDepth: 51.87 psig @ 4635.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2023.09.25 End Date: 2023.09.25 Last Calib.: 2023.09.25
Start Time: 00:38:01 End Time: 06:53:21 Time On Btm: 2023.09.25 @ 02:44:21
Time Off Btm: 2023.09.25 @ 04:50:21

TEST COMMENT: 30 - IF: 1/4" Blow at open, died back to weak surface blow
30 - IS: No blow
30 - FF: No blow
30 - FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2339.80	129.87	Initial Hydro-static
1	45.01	129.34	Open To Flow (1)
31	48.79	129.97	Shut-In(1)
61	1205.48	131.35	End Shut-In(1)
62	50.31	131.12	Open To Flow (2)
91	51.87	132.65	Shut-In(2)
125	1175.25	133.95	End Shut-In(2)
126	2342.50	134.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud w /trace oil 100%m	0.34

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.

15-4s-36w Rawlins KS

8100 E 22nd St N STE 600-R
Wichita, KS 67226

TLM #1-15

Job Ticket: 71558

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2023.09.25 @ 00:38:00

Tool Information

Drill Pipe:	Length: 4450.00 ft	Diameter: 0.80 inches	Volume: 2.77 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: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 3.64 bbl</u>	Tool Chased 9.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4634.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: loosing mud slowly when first opened - 5'
Reset tool - lost 2' again and then held

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4602.00	
Shut In Tool	5.00			4607.00	
Hydraulic tool	5.00			4612.00	
Jars	5.00			4617.00	
EM Tool	4.00			4621.00	
Safety Joint	3.00			4624.00	
Packer	5.00			4629.00	33.00 Bottom Of Top Packer
Packer	5.00			4634.00	
Stubb	1.00			4635.00	
Recorder	0.00	6771	Inside	4635.00	
Recorder	0.00	8367	Outside	4635.00	
Perforations	32.00			4667.00	
Bullnose	3.00			4670.00	36.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.

15-4s-36w Rawlins KS

8100 E 22nd St N STE 600-R
Wichita, KS 67226

TLM #1-15

Job Ticket: 71558

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2023.09.25 @ 00:38:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud w /trace oil 100%m	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6771

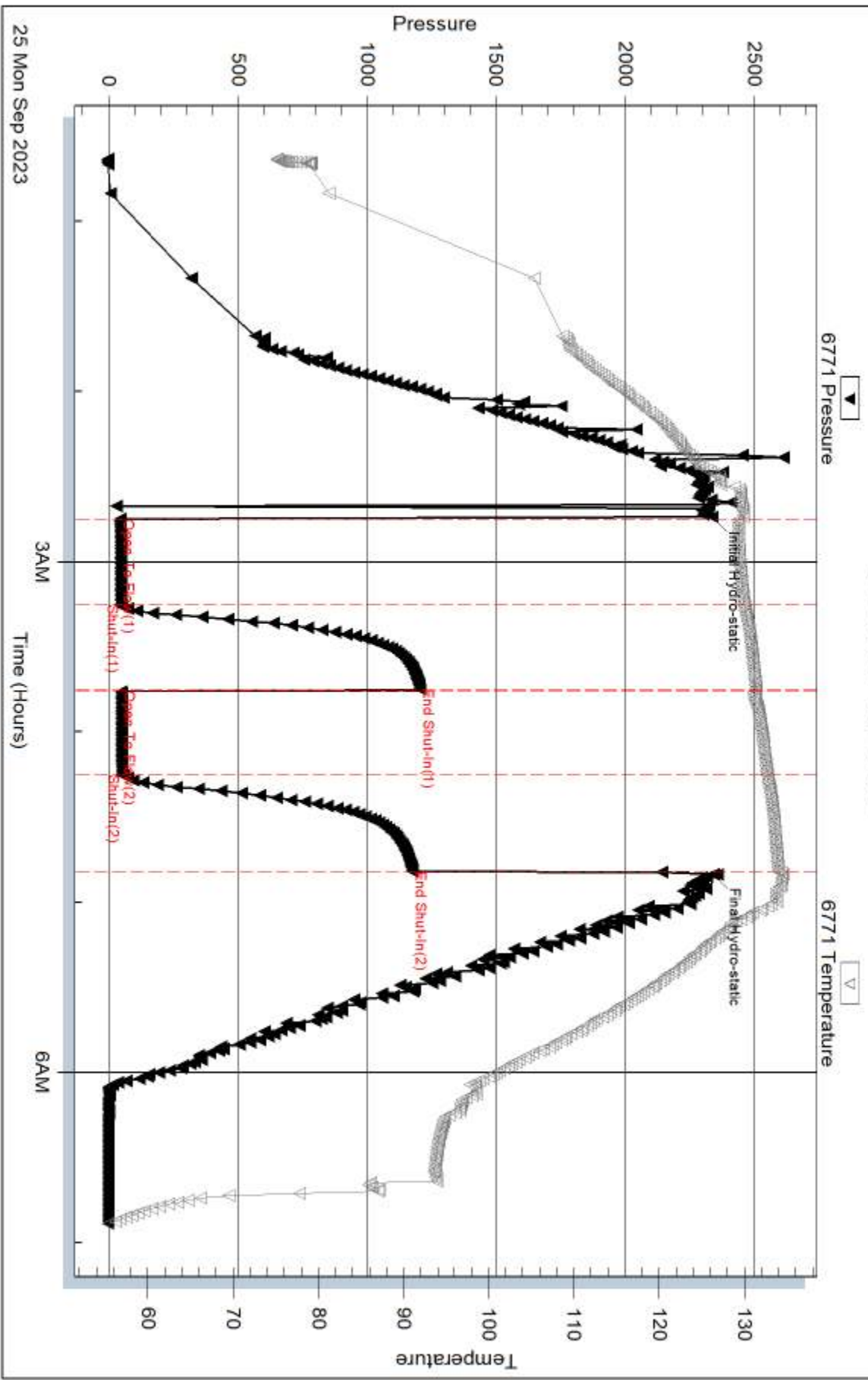
Inside

Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 3

Pressure vs. Time

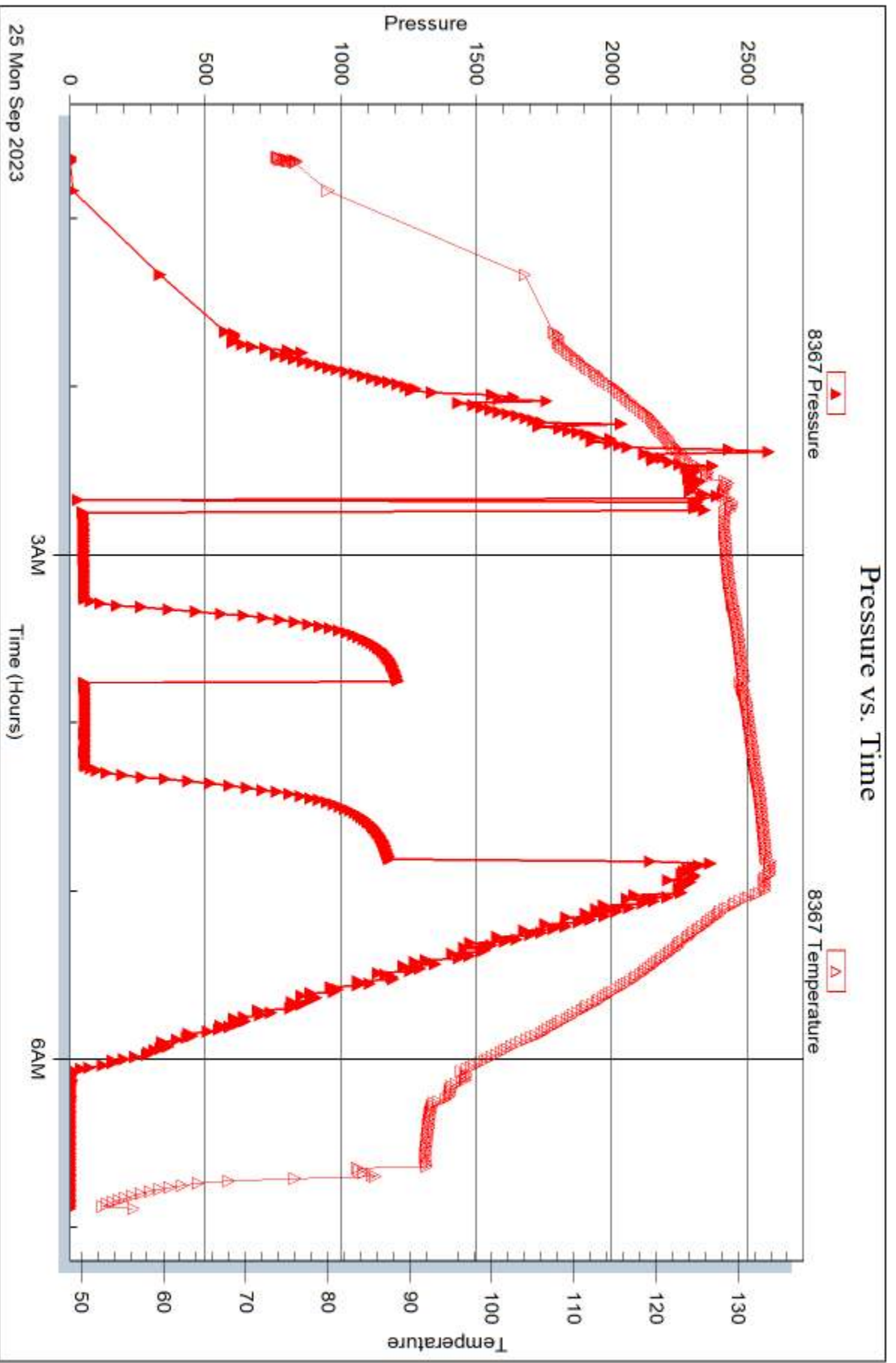


Serial #: 8367

Outside Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 71558

Printed: 2023.09.28 @ 10:57:23



DRILL STEM TEST REPORT

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

8100 E 22nd St N STE 600-R
Wichita, KS 67226

ATTN: Saman Sharifaie

TLM #1-15

15-4s-36w Rawlins KS

Start Date: 2023.09.25 @ 17:17:00

End Date: 2023.09.25 @ 22:45:36

Job Ticket #: 71559 DST #: 4

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

Printed: 2023.09.28 @ 10:56:43



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
 8100 E 22nd St N STE 600-R
 Wichita, KS 67226
 ATTN: Saman Sharifaie

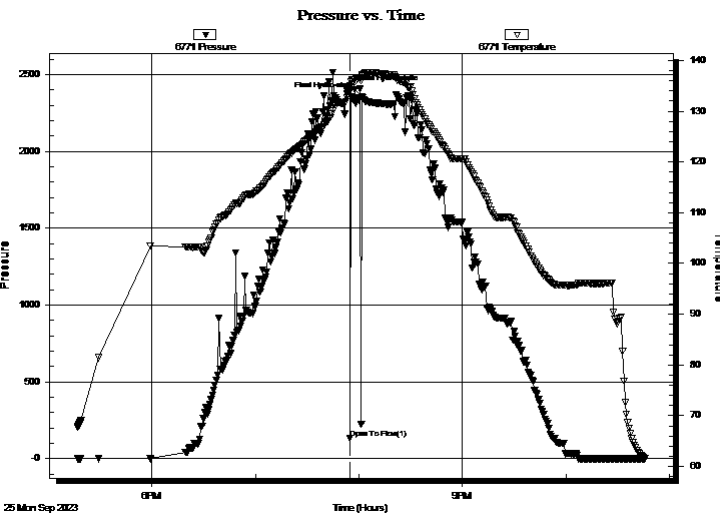
15-4s-36w Rawlins KS
TLM #1-15
 Job Ticket: 71559 **DST#: 4**
 Test Start: 2023.09.25 @ 17:17:00

GENERAL INFORMATION:

Formation: **Cherokee Lime**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:54:51
 Time Test Ended: 22:45:36
 Interval: **4684.00 ft (KB) To 4720.00 ft (KB) (TVD)**
 Total Depth: 4720.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 73
 Reference Elevations: 3350.00 ft (KB)
 3345.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6771 Inside
 Press@RunDepth: psig @ 4685.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2023.09.25 End Date: 2023.09.25 Last Calib.: 2023.09.25
 Start Time: 17:17:01 End Time: 22:45:36 Time On Btm: 2023.09.25 @ 19:54:36
 Time Off Btm: 2023.09.25 @ 20:01:51

TEST COMMENT: Loosing mud slowly @ open
 Tried to set 3 times loosing mud faster each time
 Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2402.01	134.21	Initial Hydro-static
1	132.53	133.95	Open To Flow (1)
8	2352.79	137.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
211.00	Mud w/oil spots 99%m, 1%o	0.89

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71559 **DST#: 4**
Test Start: 2023.09.25 @ 17:17:00

Tool Information

Drill Pipe:	Length: 4481.00 ft	Diameter: 0.80 inches	Volume: 2.79 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: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 3.66 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4684.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	69.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Change Over Sub	1.00			4652.00	
Shut In Tool	5.00			4657.00	
Hydraulic tool	5.00			4662.00	
Jars	5.00			4667.00	
EM Tool	4.00			4671.00	
Safety Joint	3.00			4674.00	
Packer	5.00			4679.00	33.00 Bottom Of Top Packer
Packer	5.00			4684.00	
Stubb	1.00			4685.00	
Recorder	0.00	6771	Inside	4685.00	
Recorder	0.00	8367	Outside	4685.00	
Perforations	32.00			4717.00	
Bullnose	3.00			4720.00	36.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.

15-4s-36w Rawlins KS

8100 E 22nd St N STE 600-R
Wichita, KS 67226

TLM #1-15

Job Ticket: 71559

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2023.09.25 @ 17:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
211.00	Mud w /oil spots 99%m, 1%o	0.887

Total Length: 211.00 ft Total Volume: 0.887 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

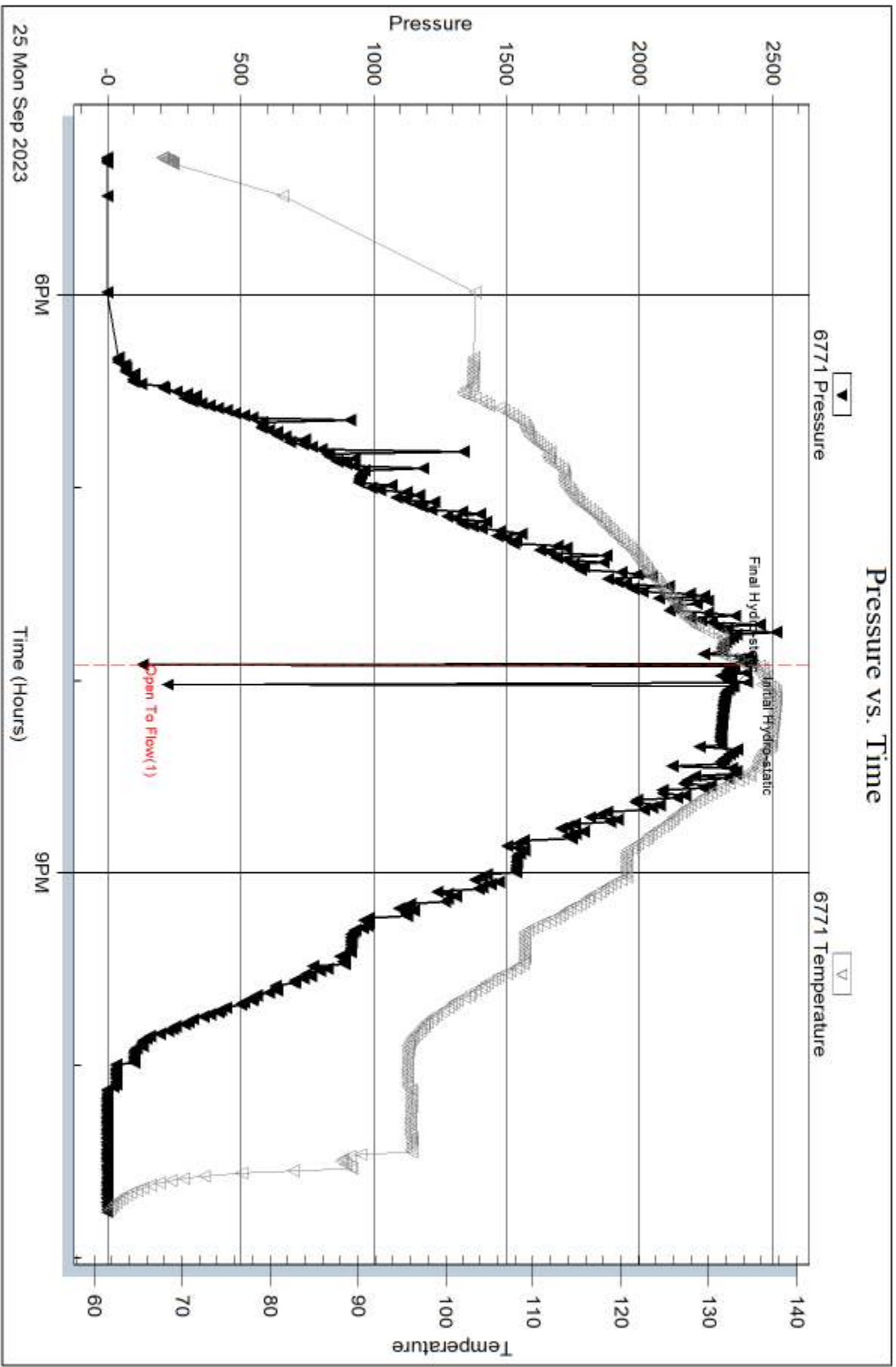
Serial #: 6771

Inside

Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 4

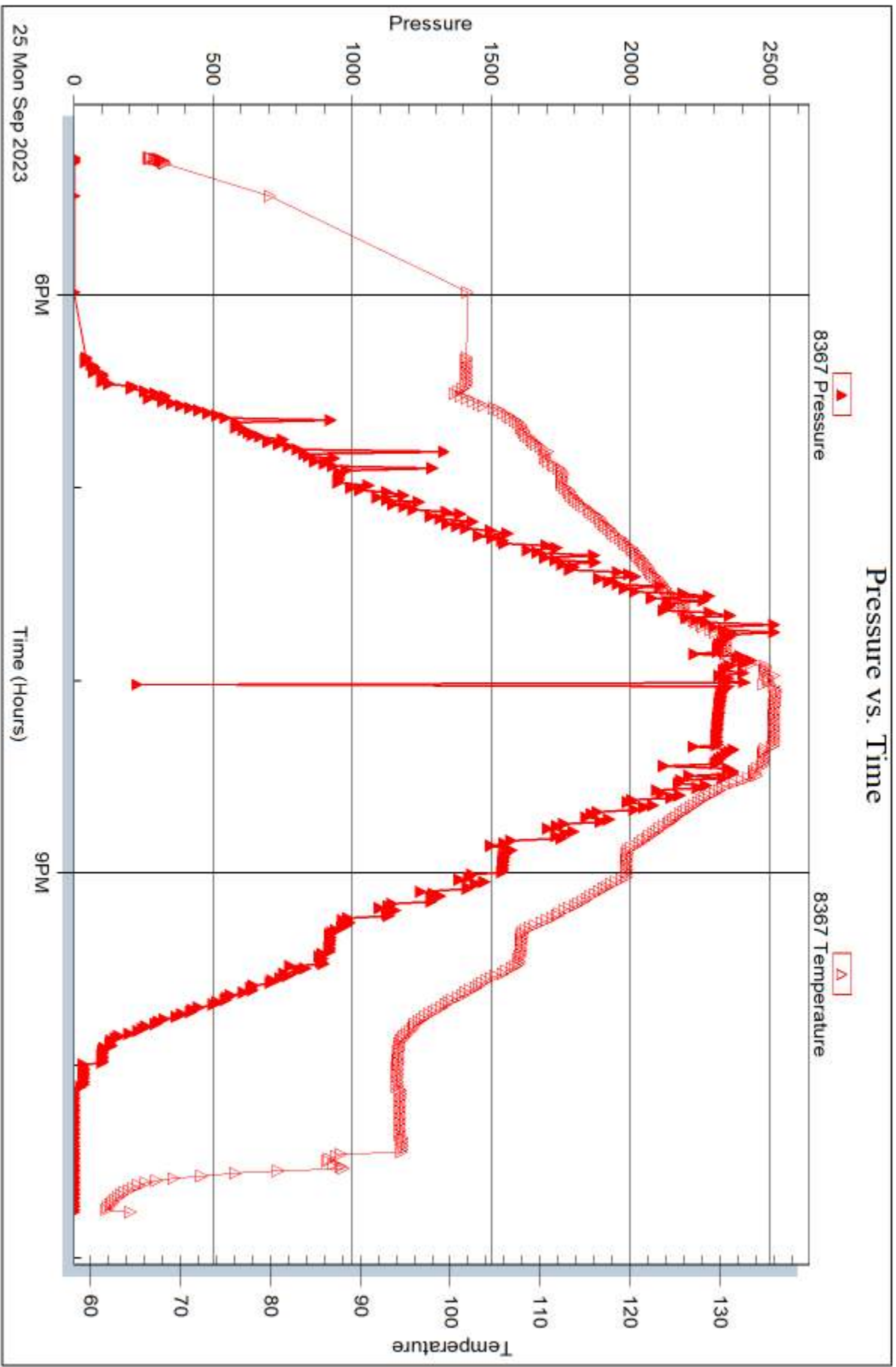


Serial #: 8367

Outside Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 71559

Printed: 2023.09.28 @ 10:56:44



DRILL STEM TEST REPORT

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

8100 E 22nd St N STE 600-R
Wichita, KS 67226

ATTN: Saman Sharifaie

TLM #1-15

15-4s-36w Rawlins KS

Start Date: 2023.09.25 @ 23:15:00

End Date: 2023.09.26 @ 04:30:21

Job Ticket #: 71560 DST #: 5

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

Printed: 2023.09.28 @ 10:56:12



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

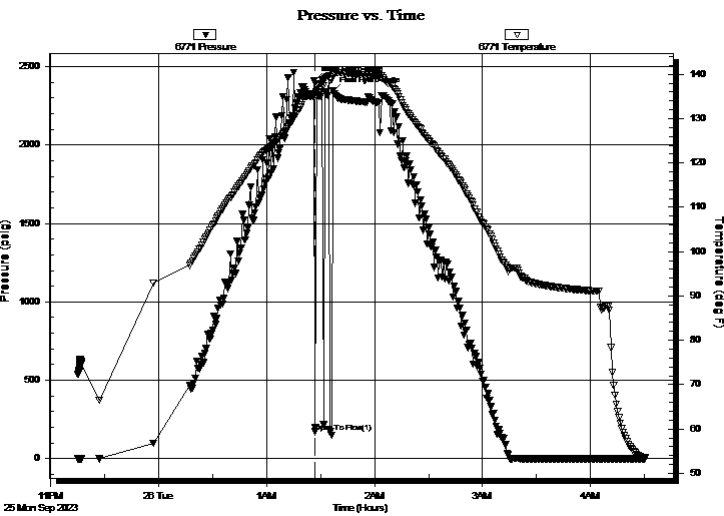
15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71560 **DST#: 5**
Test Start: 2023.09.25 @ 23:15:00

GENERAL INFORMATION:

Formation: **Cherokee Lime**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:26:51
Time Test Ended: 04:30:21
Interval: **4660.00 ft (KB) To 4720.00 ft (KB) (TVD)**
Total Depth: 4720.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 73
Reference Elevations: 3350.00 ft (KB)
3345.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 Inside
Press@RunDepth: psig @ 4661.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2023.09.25 End Date: 2023.09.26 Last Calib.: 2023.09.26
Start Time: 23:15:01 End Time: 04:30:21 Time On Btm: 2023.09.26 @ 01:26:36
Time Off Btm: 2023.09.26 @ 01:36:51

TEST COMMENT: Loosing mud @ open - tried to hold briefly w with more w eigh added close to holding on 3rd try then it let loose completely
Pulled tools



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2409.46	135.41	Initial Hydro-static
1	170.54	134.70	Open To Flow (1)
11	2343.93	140.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
176.00	Mud w /oil spots 93%m, 6%g, 1%o	0.87
63.00	Mud w /oil spots 94%m, 5%g, 1%o	0.04
45.00	Mud w /trace oil 100%m	0.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

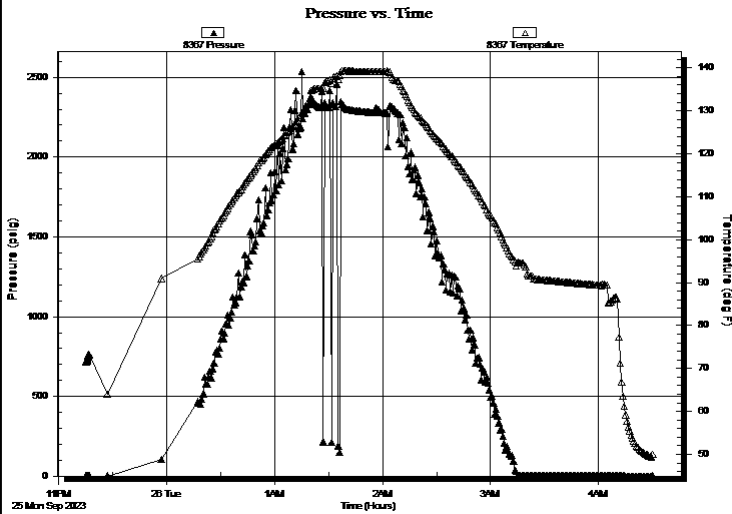
15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71560 **DST#: 5**
Test Start: 2023.09.25 @ 23:15:00

GENERAL INFORMATION:

Formation: **Cherokee Lime**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:26:51
Time Test Ended: 04:30:21
Interval: **4660.00 ft (KB) To 4720.00 ft (KB) (TVD)**
Total Depth: 4720.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 73
Reference Elevations: 3350.00 ft (KB)
3345.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8367 Outside
Press@RunDepth: psig @ 4661.00 ft (KB)
Start Date: 2023.09.25 End Date: 2023.09.26
Start Time: 23:15:01 End Time: 04:30:21
Capacity: 8000.00 psig
Last Calib.: 2023.09.26
Time On Btm:
Time Off Btm:

TEST COMMENT: Loosing mud @ open - tried to hold briefly w with more w eigh added close to holding on 3rd try then it let loose completly Pulled tools



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
176.00	Mud w/oil spots 93%m, 6%g, 1%o	0.87
63.00	Mud w/oil spots 94%m, 5%g, 1%o	0.04
45.00	Mud w/trace oil 100%m	0.03

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.
8100 E 22nd St N STE 600-R
Wichita, KS 67226
ATTN: Saman Sharifaie

15-4s-36w Rawlins KS
TLM #1-15
Job Ticket: 71560 **DST#: 5**
Test Start: 2023.09.25 @ 23:15:00

Tool Information

Drill Pipe:	Length: 4481.00 ft	Diameter: 0.80 inches	Volume: 2.79 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: 176.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume: 3.66 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4660.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	60.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4628.00	
Shut In Tool	5.00			4633.00	
Hydraulic tool	5.00			4638.00	
Jars	5.00			4643.00	
EM Tool	4.00			4647.00	
Safety Joint	3.00			4650.00	
Packer	5.00			4655.00	33.00 Bottom Of Top Packer
Packer	5.00			4660.00	
Stubb	1.00			4661.00	
Recorder	0.00	6771	Inside	4661.00	
Recorder	0.00	8367	Outside	4661.00	
Perforations	20.00			4681.00	
Blank Spacing	33.00			4714.00	
Perforations	3.00			4717.00	
Bullnose	3.00			4720.00	60.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.

15-4s-36w Rawlins KS

8100 E 22nd St N STE 600-R
Wichita, KS 67226

TLM #1-15

Job Ticket: 71560

DST#: 5

ATTN: Saman Sharifaie

Test Start: 2023.09.25 @ 23:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
176.00	Mud w /oil spots 93%m, 6%g, 1%o	0.866
63.00	Mud w /oil spots 94%m, 5%g, 1%o	0.039
45.00	Mud w /trace oil 100%m	0.028

Total Length: 284.00 ft Total Volume: 0.933 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

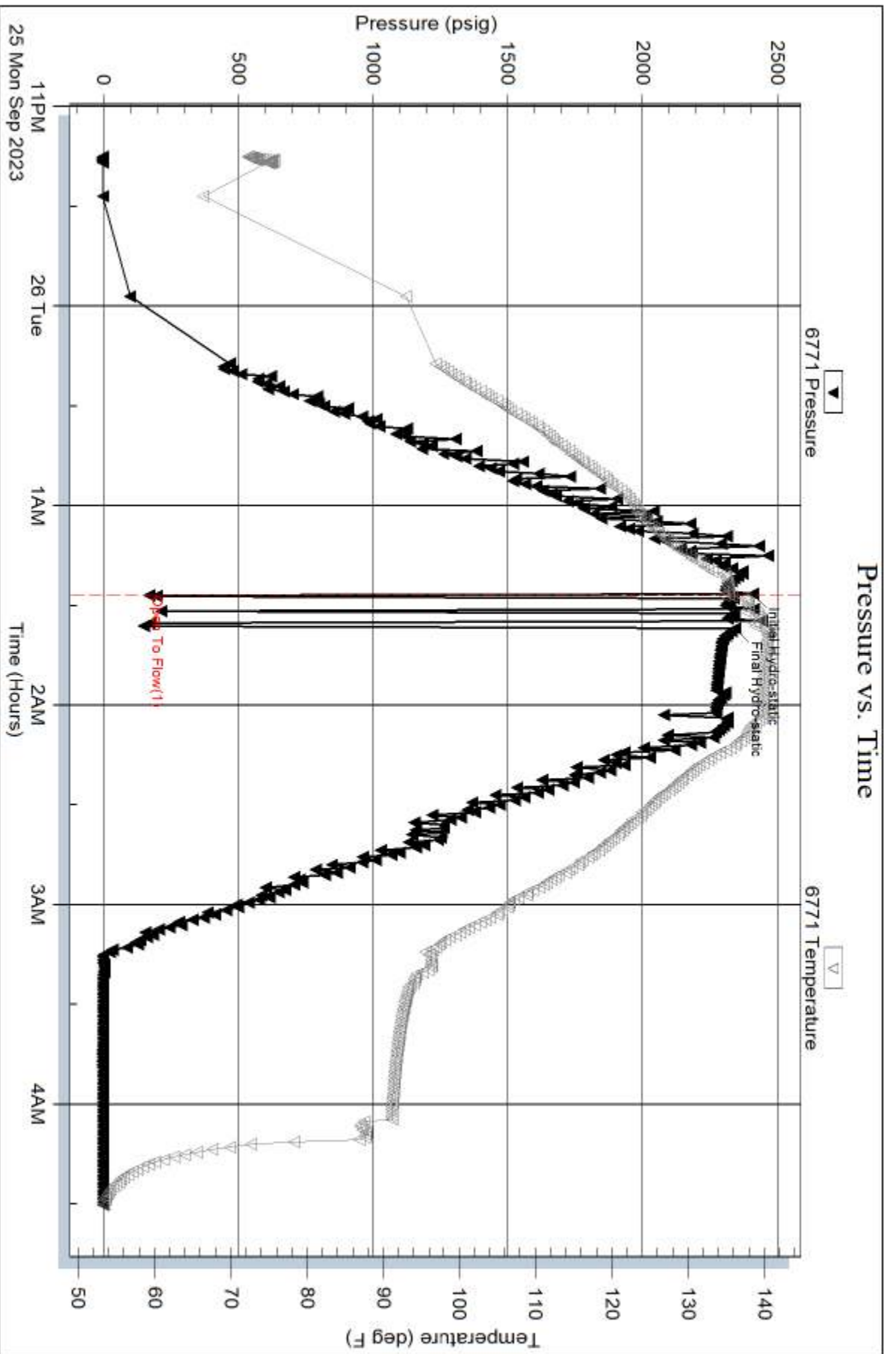
Serial #: 6771

Inside

Brito Oil Co., Inc.

TLM#1-15

DST Test Number: 5

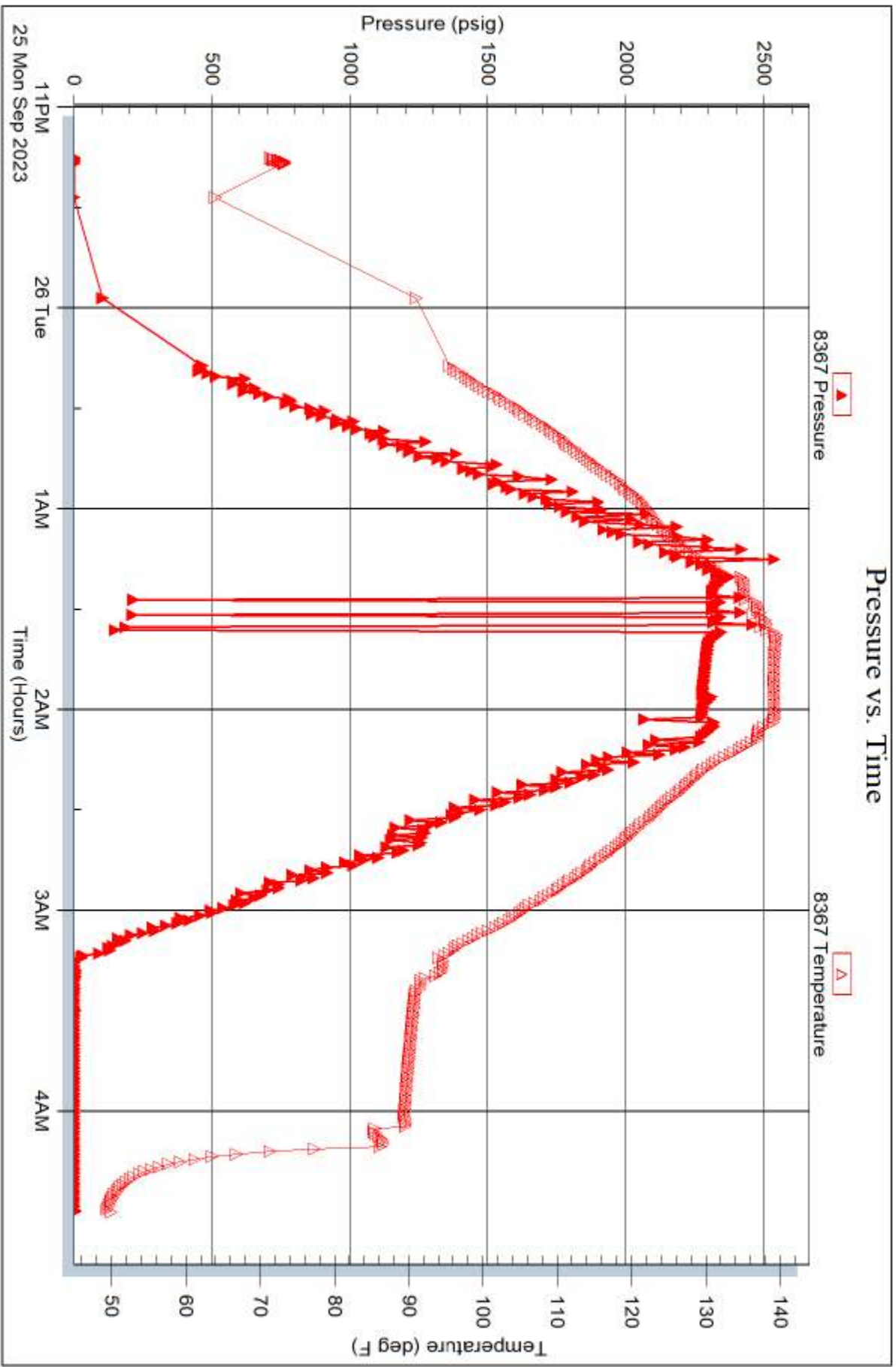


Serial #: 8367

Outside Brito Oil Co., Inc.

TLM#1-15

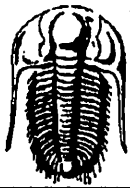
DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 71560

Printed: 2023.09.28 @ 10:56:12



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71556

23

Well Name & No. TLM #1-15 Test No. 1 Date 9-23-23
 Company Brito Oil Co. Inc Elevation 3350 KB 3345 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo Saman Sharifaie Rig Murfin #110
 Location: Sec. 15 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4380-4430 Zone Tested LKC "H-J"
 Anchor Length 50 Drill Pipe Run 4198 Mud Wt. 9.1
 Top Packer Depth 4375 Drill Collars Run 176 Vis 67
 Bottom Packer Depth 4380 Wt. Pipe Run - WL 6.4
 Total Depth 4430 Chlorides 1400 ppm System LCM 2
 Blow Description IF: Blow built to BOB (11") at 3/4 min. built to 81"
ISI: No blowback
FF: Blow built to BOB at 3/4 min., built to 98"
FST: No blow

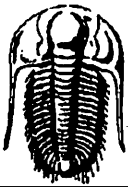
Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>MW</u>			<u>50</u>	<u>50</u>
<u>1865</u>	<u>Water</u>			<u>98</u>	<u>2</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2015 BHT 145 Gravity 1950 API RW -395 @ 60 °F Chlorides 20,000 ppm
 Initial Hydrostatic 2209 Test 1950 Ruined Shale Packer
 Initial Flow 72 to 586 Jars 300 Ruined Packer
 Initial Shut-In 1344 Circ Sub Hotel
 Final Flow 589 to 931 Hourly Standby EM Tool Successful 09:45 -175
 Final Shut-In 1342 Mileage 106 RT 185.50 Accessibility
 Final Hydrostatic 2043 Sampler Gas Sample
 T-On Location #15 12:45 Straddle Oversized Hole
 Initial Flow 30 T-Started 3:52 Shale Packer Sub Total -175
 Initial Shut-In 45 T-Open 6:20 Extra Packer Total 2260.50
 Final Flow 30 T-Pulled 9:06 Extra Recorder Tool Loaded @
 Final Shut-In 60 T-Out 11:35 Day Standby MP/DST Disc't

Comments _____

Approved By _____ Our Representative Jenna Winkler

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71557

Well Name & No. TLM #1-15 Test No. 2 Date 9-24-23
 Company Brito Oil Co. Inc Elevation 3350 KB 3345 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo Samen Shari faie Rig Murfin #110
 Location: Sec. 15 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4588-4630 Zone Tested Pawnee
 Anchor Length 42 Drill Pipe Run 4387 Mud Wt. 9.3
 Top Packer Depth 4583 Drill Collars Run 176 Vis 5.5
 Bottom Packer Depth 4588 Wt. Pipe Run - WL 7.2
 Total Depth 4630 Chlorides 2400 ppm System LCM 2
 Blow Description IF: Blow built to 2 1/2" (Found Floor valve open slightly)
IST: Blowback built to 7 1/2"
FF: Blow built to BOB (11") at 10 min., built to 35"
FSI: Blowback built to 7 1/4"

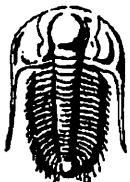
Rec	Feet of	%gas	%oil	%water	%mud
<u>270</u>	<u>CGO</u>	<u>26</u>	<u>74</u>		
<u>124</u>	<u>GMO</u>	<u>25</u>	<u>38</u>		<u>37</u>
<u>176</u>	<u>GMC0</u>	<u>21</u>	<u>56</u>		<u>23</u>
Rec	Feet of <u>GIP=980'</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 570 BHT 146 Gravity 27.8 API RW _____ @ _____ °F Chlorides _____ ppm
 Initial Hydrostatic 2317 Test 1950 Ruined Shale Packer _____
 Initial Flow 37 to 151 Jars 300 Ruined Packer _____
 Initial Shut-In 1265 Circ Sub _____ Hotel _____
 Final Flow 162 to 233 Hourly Standby _____ EM Tool Successful _____
 Final Shut-In 1257 Mileage 106 RT 185.50 Accessibility _____
 Final Hydrostatic 2247 Sampler _____ Gas Sample _____
 Initial Flow 30 T-On Location 6:45 Straddle _____ Oversized Hole _____
 Initial Shut-In 45 T-Started 8:32 Shale Packer _____ Sub Total 0
 Final Flow 30 T-Open 10:27 Extra Packer _____ Total 2435.50
 Final Shut-In 60 T-Pulled 13:15 Extra Recorder _____ Tool Loaded _____ @ _____
 T-Out 15:55 Day Standby _____ MP/DST Disc't _____

Comments _____

Approved By _____ Our Representative James Bink

TriLOBITE Testing Inc. shall not be liable for damage of any kind of 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. 71558

Well Name & No. TLM #1-15 Test No. 3 Date 9-25-23
 Company Brito Oil Co Inc Elevation 3350 KB 3345 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo Saman Sharifaie Rig Murfin #110
 Location: Sec. 15 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4634 - 4670 Zone Tested Myrick Station
 Anchor Length 36 Drill Pipe Run 4450 Mud Wt. 9.3
 Top Packer Depth 4629 Drill Collars Run 176 Vis 63
 Bottom Packer Depth 4634 Wt. Pipe Run - WL 8.0
 Total Depth 4670 Chlorides 2800 ppm System LCM 2
 Blow Description IF: 1/4" Blow at open, died back to weak surface blow
ISI: No blow
FF: No blow
FSI: No blow

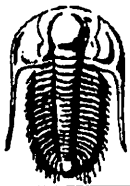
Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>Mud w/trace oil</u>	<u>trace</u>		<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 70 BHT 134 Gravity _____ API RW _____ @ _____ *F Chlorides _____ ppm
 Initial Hydrostatic 2340 Test 1950 Ruined Shale Packer _____
 Initial Flow 45 to 49 Jars 300 Ruined Packer _____
 Initial Shut-In 1205 Circ Sub _____ Hotel _____
 Final Flow 50 to 52 Hourly Standby _____ EM Tool Successful _____
 Final Shut-In 1175 Mileage 106 RT 185.50 Accessibility _____
 Final Hydrostatic 2343 Sampler _____ Gas Sample _____
 T- On Location 23:40 Straddle _____ Oversized Hole _____
 Initial Flow 30 T-Started 00:38 Shale Packer _____ Sub Total 0
 Initial Shut-In 30 T-Open _____ Extra Packer _____ Total 2435.50
 Final Flow 30 T-Pulled _____ Extra Recorder _____ Tool Loaded _____ @ _____
 Final Shut-In 30 T-Out 6:50 Day Standby _____ MP/DST Disc't _____

Comments loosing mud slowly when first opened - 5' - Reset tool - lost 2' again and then held

Approved By _____ Our Representative James Winder

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71559

Well Name & No. TLM #1-15 Test No. 4 Date 9-25-23
 Company Brito Oil Co Inc Elevation 3350 KB 3345 GL
 Address 8100 E 22nd STN STE 600-R Wichita, KS 67226
 Co. Rep / Geo Saman Sharifate Rig Murfin #110
 Location: Sec. 15 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4684-4720 Zone Tested Cherokee Lime
 Anchor Length 36 Drill Pipe Run 4481 Mud Wt. 9.3
 Top Packer Depth 4679 Drill Collars Run 176 Vis 63
 Bottom Packer Depth 4684 Wt. Pipe Run - WL 8.0
 Total Depth 4720 Chlorides 2800 ppm System LCM 2
 Blow Description slowly loosing mud @ open, tried 3 times
loosing mud faster each time
Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>211</u>	<u>mud w/oil spots</u>	<u>1</u>		<u>99</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

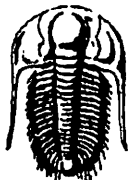
Rec Total 211 BHT 137 Gravity _____ API RW _____ @ _____ *F Chlorides _____ ppm

Initial Hydrostatic _____ Test 1500 Ruined Shale Packer _____
 Initial Flow _____ to _____ Jars 300 Ruined Packer _____
 Initial Shut-In _____ Circ Sub _____ Hotel _____
 Final Flow _____ to _____ Hourly Standby _____ EM Tool Successful -350
 Final Shut-In _____ Mileage 106RT 185.50 Accessibility _____
 Final Hydrostatic _____ Sampler _____ Gas Sample _____
 T- On Location 15:30 Straddle _____ Oversized Hole _____
 Initial Flow _____ T-Started 17:17 Shale Packer _____ Sub Total -350
 Initial Shut-In _____ T-Open 19:54 Extra Packer _____ Total 1645.50
 Final Flow _____ T-Pulled 20:01 Extra Recorder _____ Tool Loaded _____ @ _____
 Final Shut-In _____ T-Out 22:45 Day Standby _____ MP/DST Disc't _____

Comments _____

Approved By _____ Our Representative James Winkler

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 71560

Well Name & No. TLM #1-15 Test No. 5 Date 9-26-23
 Company Brito Oil Co Inc Elevation 3350 KB 3345 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo Saman Sharifaie Rig Murfin #110
 Location: Sec. 15 Twp 4s Rge 36w Co. Rawlins State KS

Interval Tested 4660 - 4720 Zone Tested Cherokee Lime
 Anchor Length 60 Drill Pipe Run 4481 Mud Wt. 9.3
 Top Packer Depth 4655 Drill Collars Run 176 Vis 63
 Bottom Packer Depth 4660 Wt. Pipe Run - WL 8.0
 Total Depth 4720 Chlorides 2800 ppm System LCM 2
 Blow Description Loosing mud @ open, tried to hold briefly with more weight added close to holding on 3rd try then let loose completely Pulled tools

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>Mud w/trace oil</u>	<u>trace</u>		<u>100</u>	
<u>63</u>	<u>Mud w/oil spots</u>	<u>5</u>	<u>1</u>	<u>94</u>	
<u>176</u>	<u>Mud w/oil spots</u>	<u>6</u>	<u>1</u>	<u>93</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 284 BHT 140 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 Initial Hydrostatic _____ Test 0 Ruined Shale Packer _____
 Initial Flow _____ to _____ Jars 300 Ruined Packer _____
 Initial Shut-In _____ Circ Sub _____ Hotel _____
 Final Flow _____ to _____ Hourly Standby _____ EM Tool Successful -350
 Final Shut-In _____ Mileage NA 185.50 Accessibility _____
 Final Hydrostatic _____ Sampler _____ Gas Sample _____
 T- On Location 23:00 Straddle _____ Oversized Hole _____
 Initial Flow _____ T-Started 23:15 Shale Packer _____ Sub Total 800
 Initial Shut-In _____ T-Open 1:26 Extra Packer _____ Total 2885.50
 Final Flow _____ T-Pulled 1:36 Extra Recorder _____ Tool Loaded 9/27 @ 8:55
 Final Shut-In _____ T-Out 4:20 Day Standby 1d 4.5h MP/DST Disc't _____

Comments _____

Approved By _____ Our Representative James Winder

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