

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	HINES FARMS 1-9
Doc ID	1621410

Tops

Name	Top	Datum
Anhydrite	2994	250
Topeka	3862	-668
Heebner	4024	-830
Lansing	4070	-876
Muncie Creek	4194	-1000
Stark	4270	-1076
BKC	4320	-1126
Marmaton	4356	-1162
Pawnee	4442	-1248
Fort Scott	4496	-1302
Cherokee	4515	-1321
Mississippi	4704	-1510

SWIFT



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



Invoice

DATE	INVOICE #
2/10/2022	35767

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	#1-9	Hines Farm	Rawlins	WW Drilling	Oil	Development	Top/Btm Longstr...	David E

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	120	Miles	6.00	720.00
579D	Pump Charge - Two-Stage & Top To Bottom LongString	1	Job	2,050.00	2,050.00
290	D-Air	5	Gallon(s)	42.00	210.00T
221	Liquid KCL (Clayfix)	2	Gallon(s)	25.00	50.00T
281	Mud Flush	500	Gallon(s)	1.50	750.00T
402-5	5 1/2" Centralizer	9	Each	75.00	675.00T
403-5	5 1/2" Cement Basket	3	Each	275.00	825.00T
406-5	5 1/2" Latch Down Plug & Baffle	1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill	1	Each	325.00	325.00T
330	Swift Multi-Density Standard (MIDCON II)	470	Sacks	18.00	8,460.00T
276	Flocele	100	Lb(s)	3.00	300.00T
581D	Service Charge Cement	470	Sacks	2.00	940.00
583D	Drayage	2,815	Ton Miles	1.00	2,815.00
	Subtotal				18,370.00
	Sales Tax Rawlins County			7.50%	888.38

7/10/43
19985, 0109
Well Rte
Cement Long String

We Appreciate Your Business!	Total	\$19,258.38
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CHARGE TO: **Carmen Schmitt**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 35767

PAGE 1 OF

SERVICE LOCATIONS
 1. **Hays Ks**
 2. **Ness City Ks**
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. **1-9**
 LEASE **Hines Farm**
 COUNTY/PARISH **Zawilins**
 STATE **KS**
 CITY

TICKET TYPE
 SERVICE
 SALES

CONTRACTOR **JWM Drilling**
 RIG NAME/NO. **Rig # 110**
 SHIPPED VIA **ST**
 DELIVERED TO **Location**

WELL TYPE **oil**
 WELL CATEGORY **development**
 JOB PURPOSE **TOP TO BOTTOM LOOK STRIKE**
 WELL PERMIT NO.

WELL LOCATION

DATE **2/10/22**
 ORDER NO.
 OWNER

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC	ACCT	DF	DESCRIPTION	QTY.		UNIT		AMOUNT
						UM	UM	UM	UM	
875					MILEAGE TAX # 111	120	mi	6	00	720 00
579					Pump Charge- TOP TO BOTTOM	1	EA	2050	00	2050 00
290					D-AIR	5	EA	42	00	210 00
221					Liquid Gel	2	EA	25	00	50 00
281					MUDFLUSH	500	EA	1	50	750 00
402					Centralizer	9	EA	5/EA		75 00
403					Cement Saker	3	EA			275 00
406					LATCH DOWN RIG & BATTERY	1	EA			250 00
402					INSERT FLOOR SHOE AUTO FILL	1	EA			325 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.

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

SWIFT OPERATOR **DAVID ECKERTON** APPROVAL _____

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL **5855 00**
12515 00
18370 00

TOTAL **19958 38**

Watkins **888 138**

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE

2/10/22

PAGE NO.

CUSTOMER

CARMEN SCHMITT

WELL NO.

1-9

LEASE

HINGS FARM

JOB TYPE

TOP TO BTM L.S

TICKET NO.

35767

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	530							ON LOCATION
								5 1/2 x 14#
								RTD - 4850
								SET @ 4808.50
								CENTRALIZERS - 4, 6, 8, 10, 1, 13, 15, 17, 19
								BASKETS - 3, 46, 67
	630							START CSG
	845							BREAK CIRC ON BTM
	945	2.5	0			0		plug RAY HOLE - 30 SX
		5.5	12			300		pump MUDFUSH - 500 GAC
		5.5	20			350		PUMP KCL SPACER
	1000	7	0			500		START CMT - 320 SX @ 11.2 PPG
		5.5	177			300		RAISE WGT TO 14.5 PPG FOR 120 SX
	1040	5.5	205			300		END CMT
								Drop plug - WASH P/L
	1045	6.5				300		START DISP
		6.5	80			850		CIRC CMT
	1000	6.5	117 117			1200		LAND plug @ 1700 psi
								Release Psi - Dmy
								Circ 60 SX CMT TO PIT
								JOB COMPLETE
								THANKS
								DAVID, SETH & ISAAC

Saman Sharifaie

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

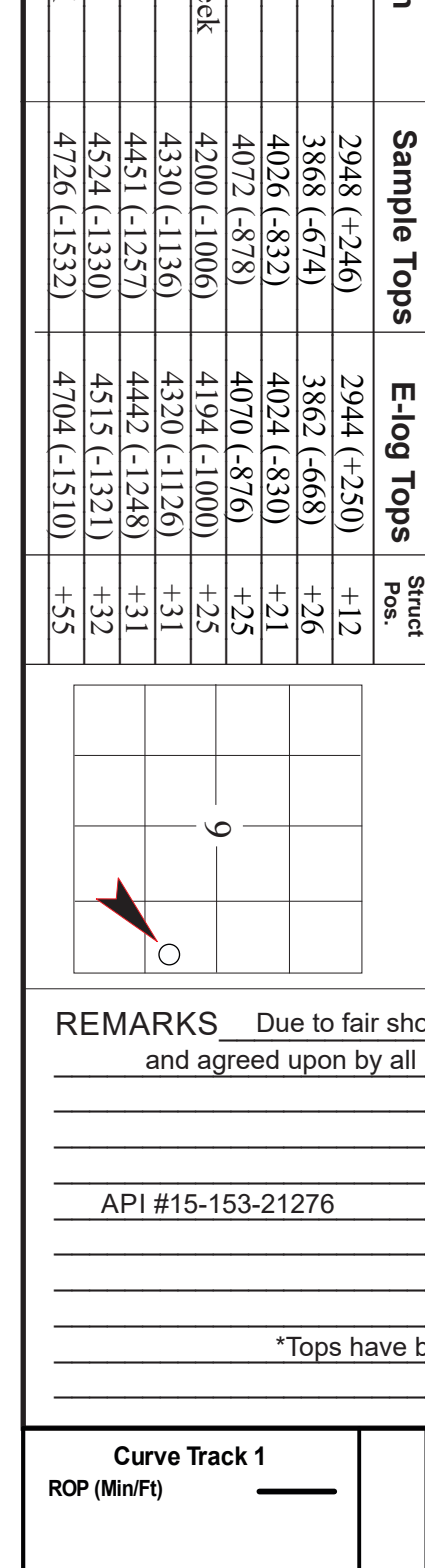
COMPANY: **Hines Farm #1-9**
LEASE: **Hines Farm #1-9**
WELL: **Wildcat**

LOCATION: **1880 FSL & 380' FEL**
SEC: **9** TWP: **4S** RGE: **36W**
COUNTY: **Rawlins** STATE: **Kansas**
CONTRACTOR: **Murfi Drilling #110**
SPUD: **01/31/22** COOP: **02/10/22**
RTD: **4/50'** LTD: **4848'**
MUD UP: **3.5/50'** TYPE MUD: **Chemical**

SAMPLES SAVED FROM: **3800'** TO RTD
DRILLING TIME KEPT FROM: **3800'** TO RTD
SAMPLES EXAMINED FROM: **3800'** TO RTD
GEOLOGICAL SUPERVISION FROM: **3500'**

REFERENCE WELL: **MDICI - Johnson E #1-10**
Casing: **8.5-8.75" at 364'**
Production: **1-1.27" at 4808'**
Electrical Surveys: **CND, DIL, MEL**
Mudlog: **Mudlog**

Formation	Sample Tops	E-log Tops	Struct
Anhydrite	2948 (-246)	2944 (-250)	+12
Topeka	3868 (-674)	3862 (-668)	+26
Heebner	4026 (-832)	4024 (-830)	+21
Muncie	4072 (-878)	4070 (-876)	+25
Multicut Creek	4200 (-1006)	4194 (-1000)	+25
BKC	4330 (-1136)	4320 (-1126)	+31
Pawnee	4451 (-1257)	4442 (-1248)	+31
Cherokee	4524 (-1330)	4515 (-1321)	+32
Mississippian	4726 (-1532)	4704 (-1510)	+55



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 #15-153-21276
*Tops have been adjusted to electric logs

Depth (feet)	Geological Descriptions	Engineering Data
2950 - 3000	Anhydrite 2944 (+250) Base 2984 (+210)	
3750 - 3800	DAILY PENETRATION @ 7:00 AM 01/31/22 - Spudded at 4:00 PM 02/01/22 - WOC at 364' 02/02/22 - Drilling at 375' 02/03/22 - Drilling at 354' 02/04/22 - Drilling at 399' 02/05/22 - Testing at 414' 02/06/22 - Drilling at 422' 02/07/22 - Drilling at 440' 02/08/22 - Drilling at 450' 02/09/22 - Drilling at 471'	Pipe Strap @ 3750': 1.30' Long to Board Deviation Survey; 14°
3800 - 3850	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
3850 - 3900	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
3900 - 3950	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
3950 - 4000	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	Mud-Co @ 3976' Wt: 9.0 Vis: 58 Wl: 7.2 Chl: 1,500 LCM: 2#
4000 - 4050	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	DST #1 (LKC A-D) 4025'-4140' 30-30-30-30 IF: Blow built to 2 1/2" IS: Weak surface blow FF: Blow built to 1 1/2" FS: Weak surface blow Rec: 143' SOCM (3%G, 4%O, 93%M), 60' GOCM (10%G, 24%O, 66%M)
4050 - 4100	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	IFP: 74 - 96 FFP: 98 - 108 FSP: 1047 IHP: 2000 FHP: 1955 BHT: 121°
4100 - 4150	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	Mud-Co @ 4140' Wt: 9.2 Vis: 53 Wl: 7.2 Chl: 1,300 LCM: 2# Deviation Survey @ 4140': 14°
4150 - 4200	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	DST #2 (LKC E-G) 4138'-4190' 30-45-30-60 IF: Blow built to 8" FF: Blow built to 7 1/2" Rec: 65' WCM w/ Tr oil, 375' MGW w/ Tr oil
4200 - 4250	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	IFP: 64 - 143 FFP: 146 - 215 FSP: 1291 IHP: 1287 FHP: 2067 BHT: 134°
4250 - 4300	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	DST #3 (LKC H-J) 4196'-4280' 30-30-30-30 IF: Blow built to 3 1/2" FF: Blow built to 3 1/2" Rec: 15' WCM (15%O, 15%W, 70%M), 60' SOCM (1%G, 2%O, 22%W, 75%M)
4300 - 4350	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	IFP: 17 - 38 FFP: 41 - 54 FSP: 1285 IHP: 2033 FHP: 1989 BHT: 123° Wl: 460 @ 48°F Chl: 2,200 PPM
4350 - 4400	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	DST #4 (Pawnee) 4428'-4470' 10-45-20-60 IF: BOB at 1 1/4 mins IS: BOB at 7 mins FF: BOB at 2 1/2 mins FSI: BOB at 9 mins Rec: 1080' GIP, 680' CGO (60%O, 40%G), 250' GMCO (49%O, 32%G, 19%M), 120' GMCO (68%O, 18%M, 13%G)
4400 - 4450	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	IFP: 96 - 108 FFP: 210 - 387 FSP: 1240 IHP: 1189 FHP: 2224 BHT: 146° Gravity: 38 API
4450 - 4500	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	Mud-Co @ 4412' Wt: 9.2 Vis: 55 Wl: 10.4 Chl: 3,000 LCM: 1#
4500 - 4550	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	Deviation Survey @ 4470': 34°
4550 - 4600	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	DST #5 (Myrick St-Celia) 4472'-4550' 10-45-20-60 IF: BOB at 1 min IS: BOB at 2 mins FF: BOB at 2 mins FSI: BOB at 41 mins Rec: 1775' CGO (64%O, 36%G), 540' GMCO (54%O, 26%G, 20% M)
4600 - 4650	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	IFP: 456 - 926 FFP: 688 - 900 FSP: 1458 IHP: 1325 FHP: 2211 BHT: 143° Gravity: 23.2 API
4650 - 4700	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
4700 - 4750	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
4750 - 4800	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	Mud-Co @ 4783' Wt: 9.2 Vis: 66 Wl: 8.0 Chl: 2,800 LCM: 2#
4800 - 4850	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	Deviation Survey @ 4680': 34°
4850 - 4900	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
4900 - 4950	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
4950 - 5000	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5000 - 5050	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5050 - 5100	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5100 - 5150	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5150 - 5200	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5200 - 5250	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5250 - 5300	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5300 - 5350	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5350 - 5400	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5400 - 5450	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5450 - 5500	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5500 - 5550	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5550 - 5600	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5600 - 5650	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5650 - 5700	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5700 - 5750	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5750 - 5800	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5800 - 5850	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5850 - 5900	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5900 - 5950	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
5950 - 6000	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6000 - 6050	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6050 - 6100	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6100 - 6150	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6150 - 6200	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6200 - 6250	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6250 - 6300	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6300 - 6350	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6350 - 6400	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6400 - 6450	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6450 - 6500	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6500 - 6550	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6550 - 6600	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6600 - 6650	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6650 - 6700	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6700 - 6750	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6750 - 6800	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6800 - 6850	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6850 - 6900	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6900 - 6950	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
6950 - 7000	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7000 - 7050	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7050 - 7100	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7100 - 7150	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7150 - 7200	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7200 - 7250	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7250 - 7300	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7300 - 7350	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7350 - 7400	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por, pt dns to chly, calc IP, sil dolc IP, Tr, pyrc, r, dd btk sps, gls, no odr, NSLO Sh, bmglyt, omg, mty to sly Sh, gryblomg, gn, pt dns, sly to gmy	
7400 - 7450	Ls, crmtan, fr, xn, foss, pr, pp intpart & xn por,	



DRILL STEM TEST REPORT

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

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

ATTN: Saman Sharifaie

Hines Farm #1-9

9-4s-36w Rawlins,KS

Start Date: 2022.02.04 @ 23:44:00

End Date: 2022.02.05 @ 06:30:36

Job Ticket #: 68617 DST #: 1

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

Printed: 2022.02.11 @ 15:48:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68617

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2022.02.04 @ 23:44:00

GENERAL INFORMATION:

Formation: **LKC "A - D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:10:21

Time Test Ended: 06:30:36

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 73

Interval: 4025.00 ft (KB) To 4140.00 ft (KB) (TVD)

Reference Elevations: 3194.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

3189.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 107.55 psig @ 4026.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.02.04

End Date:

2022.02.05

Last Calib.:

2022.02.05

Start Time: 23:44:01

End Time:

06:30:36

Time On Btm:

2022.02.05 @ 02:10:06

Time Off Btm:

2022.02.05 @ 04:13:36

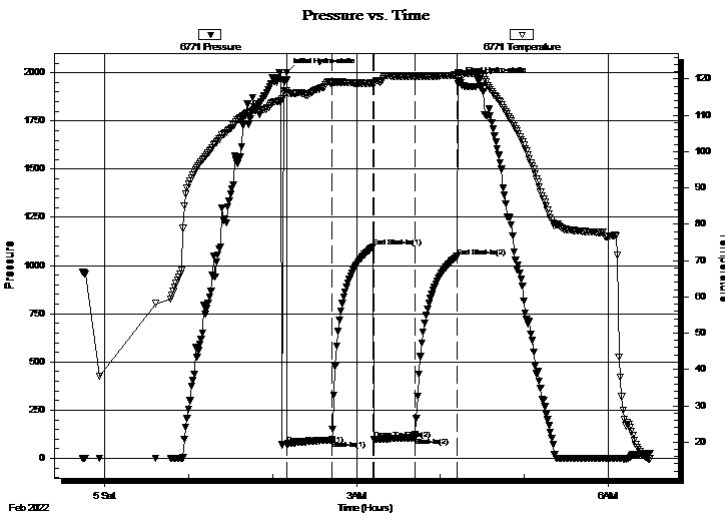
TEST COMMENT: 30 - IF: 1" Blow at open, built to 2 1/2", died back to 2" (Diesel in bucket)

30 - IS: Weak surface blow back

30 - FF: Blow built to 1 1/2"

30 - FS: Weak surface blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1999.83	116.87	Initial Hydro-static
1	74.11	115.90	Open To Flow (1)
33	95.99	118.89	Shut-In(1)
62	1096.93	118.84	End Shut-In(1)
63	97.96	118.43	Open To Flow (2)
92	107.55	120.55	Shut-In(2)
122	1046.76	121.07	End Shut-In(2)
124	1954.73	121.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM 66% m, 24% o, 10% g	0.30
143.00	SOCM 93% m, 4% o, 3% g	1.46

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68617

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2022.02.04 @ 23:44:00

Tool Information

Drill Pipe:	Length: 3887.00 ft	Diameter: 3.80 inches	Volume: 54.52 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:	20000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 55.11 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	58000.00 lb
Depth to Top Packer:	4025.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	115.00 ft				
Tool Length:	144.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments: Tool opened w hile going through some fill - 6" blow at bucket
bled off and reset tool

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3997.00	
Shut In Tool	5.00			4002.00	
Hydraulic tool	5.00			4007.00	
Jars	5.00			4012.00	
Safety Joint	3.00			4015.00	
Packer	5.00			4020.00	29.00 Bottom Of Top Packer
Packer	5.00			4025.00	
Stubb	1.00			4026.00	
Recorder	0.00	6771	Inside	4026.00	
Recorder	0.00	8367	Outside	4026.00	
Perforations	15.00			4041.00	
Blank Spacing	96.00			4137.00	
Bullnose	3.00			4140.00	115.00 Bottom Packers & Anchor

Total Tool Length: 144.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68617

DST#: 1

ATTN: Saman Sharifaie

Test Start: 2022.02.04 @ 23:44:00

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM 66% <i>m</i> , 24% <i>o</i> , 10% <i>g</i>	0.295
143.00	SOCM 93% <i>m</i> , 4% <i>o</i> , 3% <i>g</i>	1.459

Total Length: 203.00 ft

Total Volume: 1.754 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

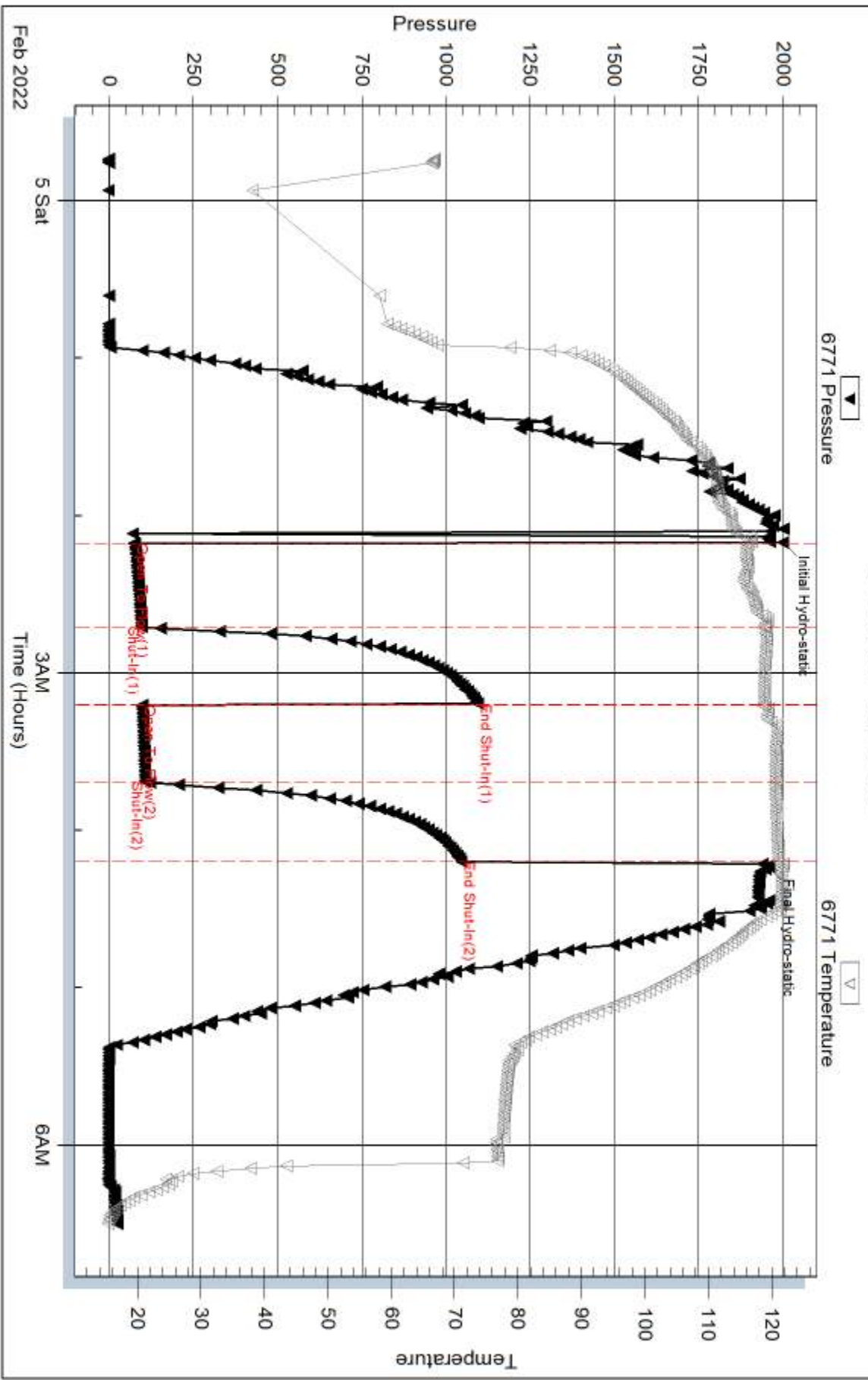
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

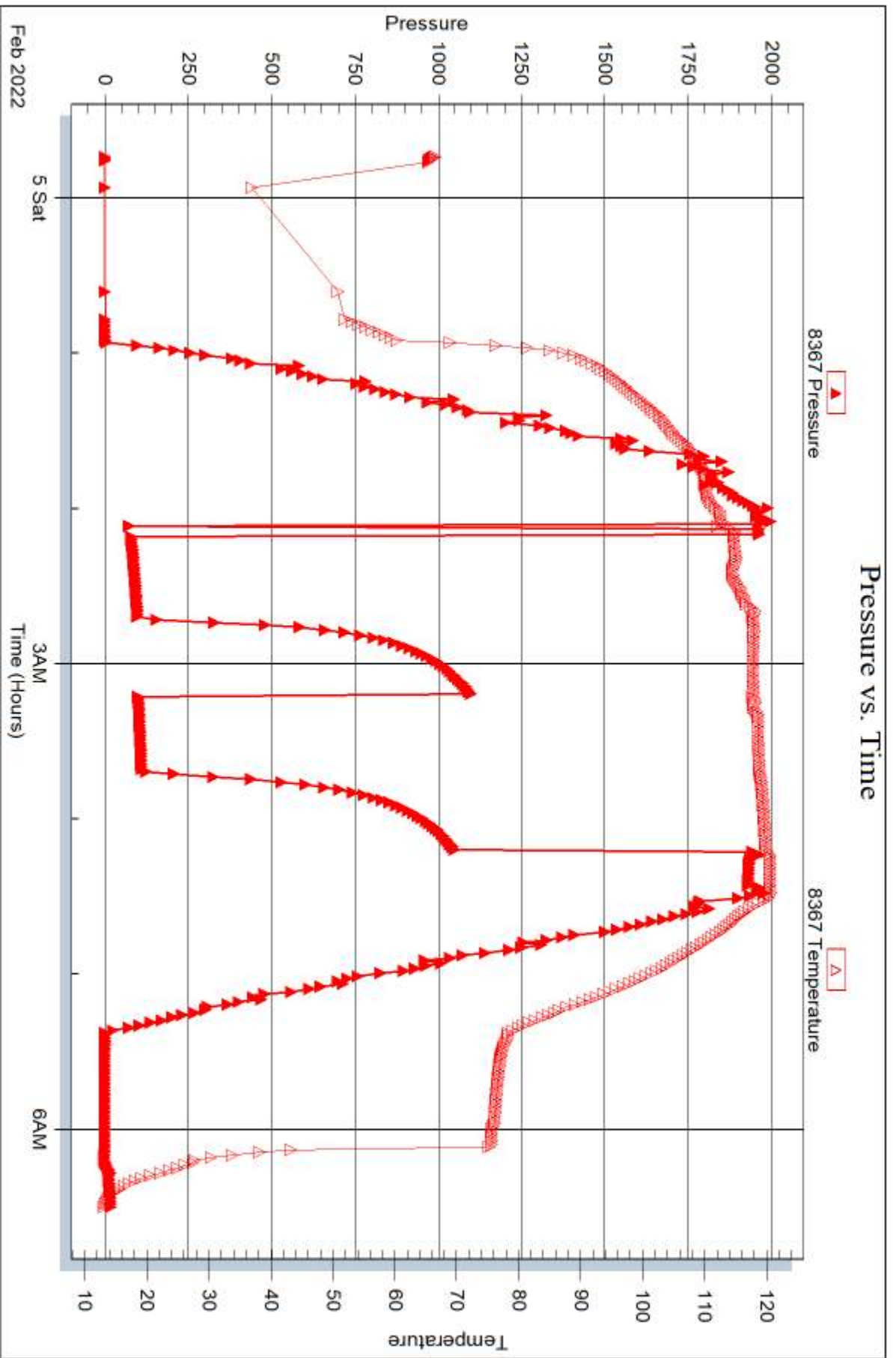


Serial #: 8367

Outside Brito Oil Co. Inc.

Hines Farm #1-9

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

Hines Farm #1-9

9-4s-36w Rawlins,KS

Start Date: 2022.02.05 @ 16:08:00

End Date: 2022.02.05 @ 23:03:51

Job Ticket #: 68618 DST #: 2

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

Printed: 2022.02.11 @ 15:42:45



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68618

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2022.02.05 @ 16:08:00

GENERAL INFORMATION:

Formation: **LKC "E - G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:18:51

Time Test Ended: 23:03:51

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4138.00 ft (KB) To 4190.00 ft (KB) (TVD)

Reference Elevations: 3194.00 ft (KB)

Total Depth: 4190.00 ft (KB) (TVD)

3189.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 214.83 psig @ 4139.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.02.05

End Date:

2022.02.05

Last Calib.:

2022.02.05

Start Time: 16:08:01

End Time:

23:03:51

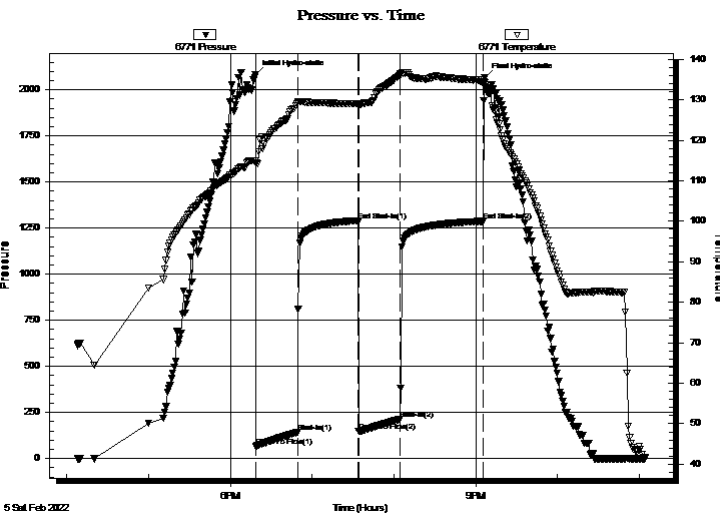
Time On Btm:

2022.02.05 @ 18:18:21

Time Off Btm:

2022.02.05 @ 21:06:36

TEST COMMENT: 30 - IF: Blow built to 8"
45 - IS: No blow back
30 - FF: Blow built to 7 3/4"
60 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2082.71	114.91	Initial Hydro-static
1	64.28	114.53	Open To Flow (1)
31	143.01	129.30	Shut-In(1)
76	1290.70	128.98	End Shut-In(1)
76	146.28	128.63	Open To Flow (2)
107	214.83	136.21	Shut-In(2)
167	1287.32	134.36	End Shut-In(2)
169	2066.64	133.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCW 89%w, 11%m	0.59
125.00	MCW w/trace oil 72%w, 28%m	1.75
125.00	WCM w/trace oil 70%m, 30%w	1.75
65.00	WCM w/trace oil 90%m, 10%w	0.91

* 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.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68618

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2022.02.05 @ 16:08:00

Tool Information

Drill Pipe:	Length: 4012.00 ft	Diameter: 3.80 inches	Volume: 56.28 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.87 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4138.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	81.00 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			4110.00	
Shut In Tool	5.00			4115.00	
Hydraulic tool	5.00			4120.00	
Jars	5.00			4125.00	
Safety Joint	3.00			4128.00	
Packer	5.00			4133.00	29.00 Bottom Of Top Packer
Packer	5.00			4138.00	
Stubb	1.00			4139.00	
Recorder	0.00	6771	Inside	4139.00	
Recorder	0.00	8367	Outside	4139.00	
Perforations	15.00			4154.00	
Blank Spacing	33.00			4187.00	
Bullnose	3.00			4190.00	52.00 Bottom Packers & Anchor

Total Tool Length: 81.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68618

DST#: 2

ATTN: Saman Sharifaie

Test Start: 2022.02.05 @ 16:08:00

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:

52000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	MCW 89%w , 11%m	0.590
125.00	MCW w /trace oil 72%w , 28%m	1.753
125.00	WCM w /trace oil 70%m, 30%w	1.753
65.00	WCM w /trace oil 90%m, 10%w	0.912

Total Length: 435.00 ft Total Volume: 5.008 bbl

Num Fluid Samples: 0

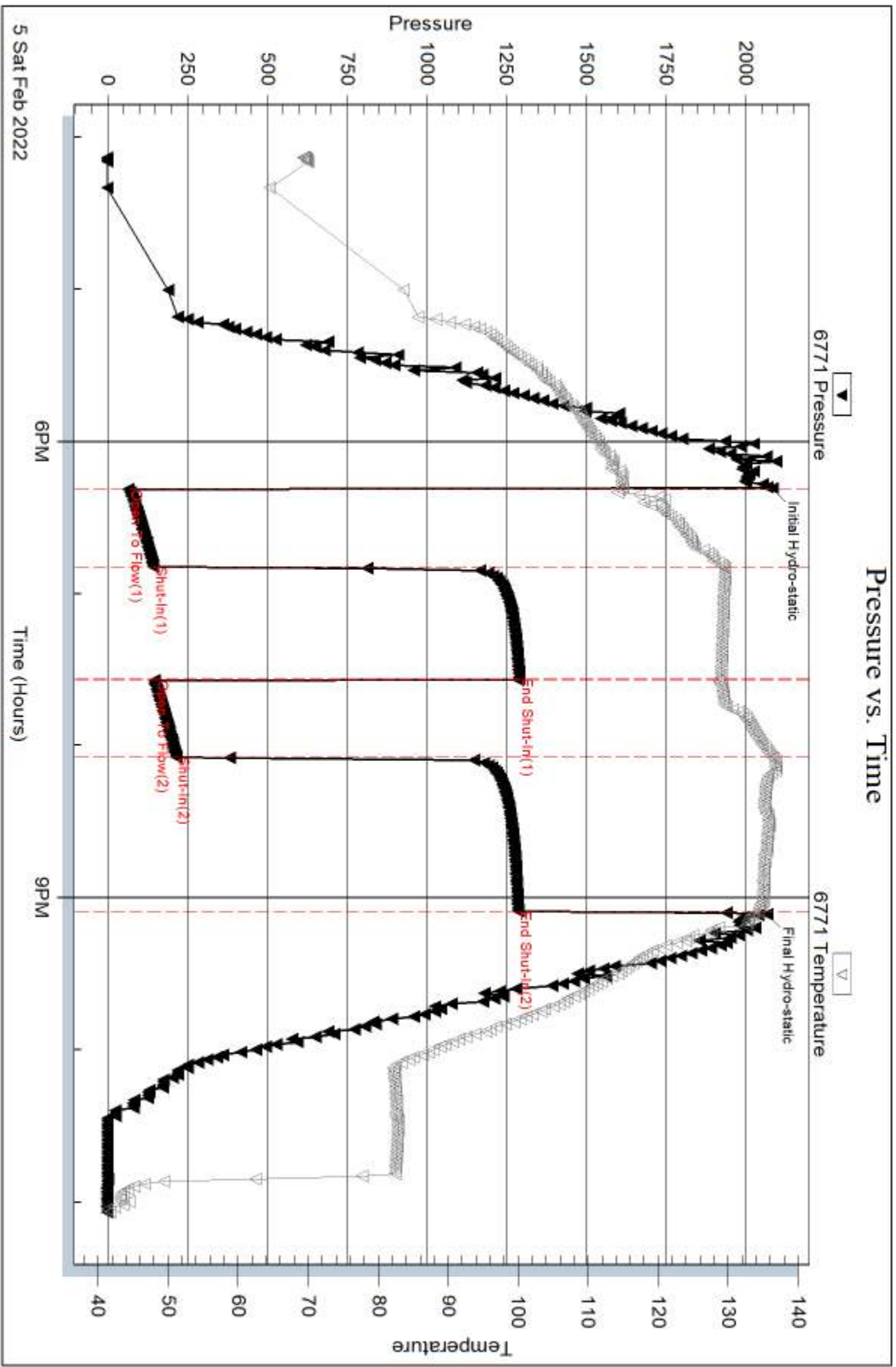
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .203 ohms @ 49 deg F Chlorides = 52,000 ppm

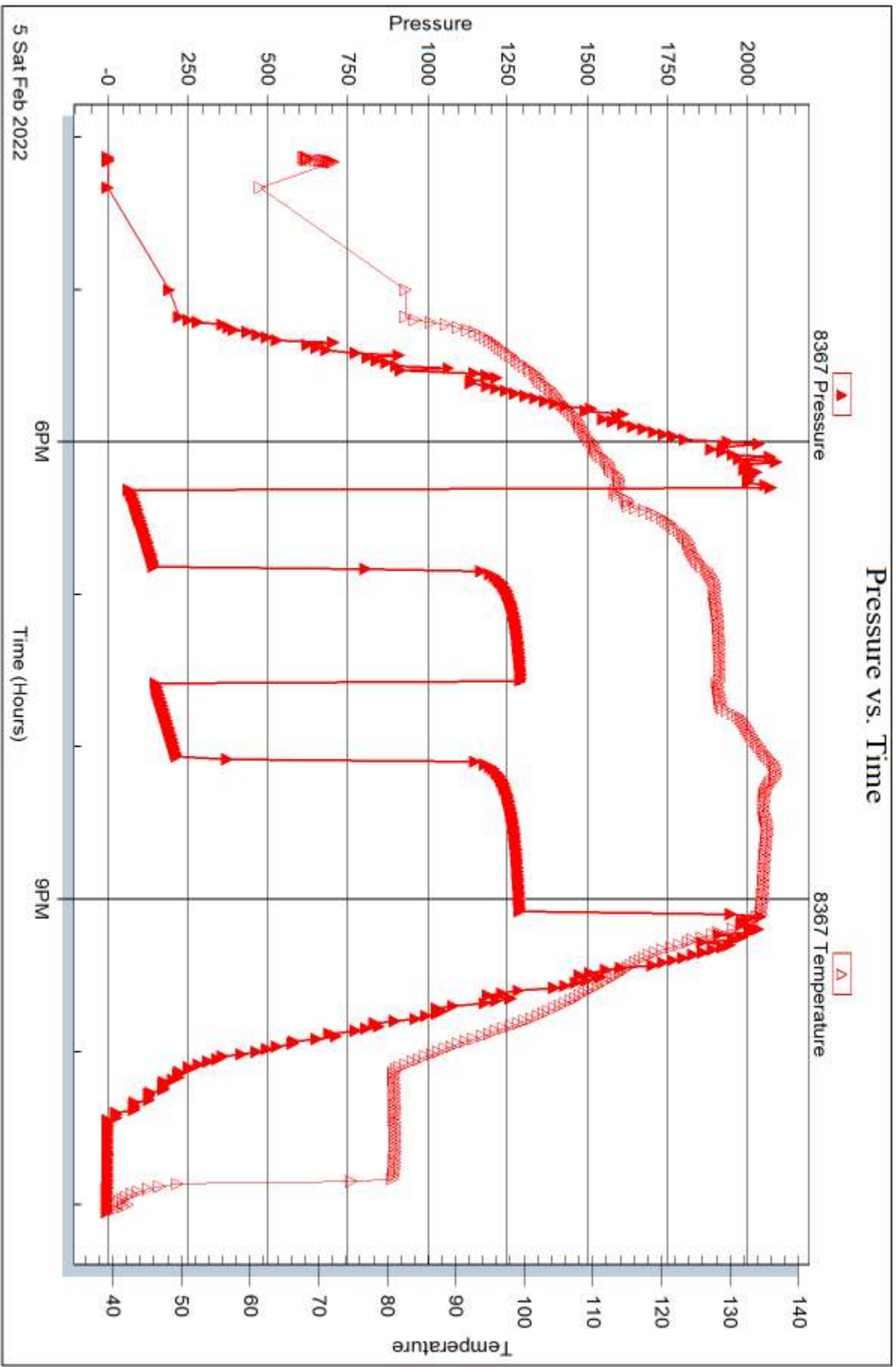


Serial #: 8367

Outside Brito Oil Co. Inc.

Hines Farm #1-9

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

Hines Farm #1-9

9-4s-36w Rawlins,KS

Start Date: 2022.02.06 @ 14:17:00

End Date: 2022.02.06 @ 20:05:51

Job Ticket #: 68619 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.02.11 @ 15:42:15



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68619

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2022.02.06 @ 14:17:00

GENERAL INFORMATION:

Formation: **LKC "H - J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:16:06

Time Test Ended: 20:05:51

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4196.00 ft (KB) To 4280.00 ft (KB) (TVD)

Reference Elevations: 3194.00 ft (KB)

Total Depth: 4280.00 ft (KB) (TVD)

3189.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771

Inside

Press@RunDepth: 54.14 psig @ 4197.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.02.06

End Date:

2022.02.06

Last Calib.:

2022.02.06

Start Time: 14:17:01

End Time:

20:05:51

Time On Btm:

2022.02.06 @ 16:15:51

Time Off Btm:

2022.02.06 @ 18:19:21

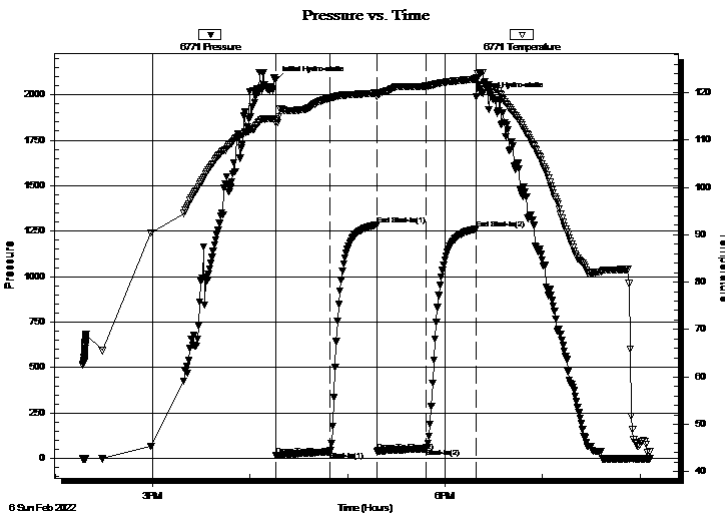
TEST COMMENT: 30 - IF: Blow built to 3/4"

30 - IS: No blow back

30 - FF: Blow built to just under 1/2"

30 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2080.44	114.38	Initial Hydro-static
1	17.35	113.62	Open To Flow (1)
33	37.87	118.81	Shut-In(1)
62	1284.68	119.94	End Shut-In(1)
63	41.15	119.23	Open To Flow (2)
93	54.14	121.38	Shut-In(2)
124	1262.76	122.90	End Shut-In(2)
124	1989.33	123.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WCM w/oil spots 75% <i>m</i> , 22% <i>w</i> , 2% <i>o</i> ,	90.30
15.00	OWCM 70% <i>m</i> , 15% <i>o</i> , 15% <i>w</i>	0.07
1.00	Free Oil 100% <i>o</i>	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.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68619

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2022.02.06 @ 14:17:00

Tool Information

Drill Pipe:	Length: 4075.00 ft	Diameter: 3.80 inches	Volume: 57.16 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 57.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4196.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	84.00 ft			
Tool Length:	113.00 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			4168.00	
Shut In Tool	5.00			4173.00	
Hydraulic tool	5.00			4178.00	
Jars	5.00			4183.00	
Safety Joint	3.00			4186.00	
Packer	5.00			4191.00	29.00 Bottom Of Top Packer
Packer	5.00			4196.00	
Stubb	1.00			4197.00	
Recorder	0.00	6771	Inside	4197.00	
Recorder	0.00	8367	Outside	4197.00	
Perforations	15.00			4212.00	
Blank Spacing	65.00			4277.00	
Bullnose	3.00			4280.00	84.00 Bottom Packers & Anchor

Total Tool Length: 113.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68619

DST#: 3

ATTN: Saman Sharifaie

Test Start: 2022.02.06 @ 14:17:00

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:

22000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	WCM w/oil spots 75% <i>m</i> , 22% <i>w</i> , 2% <i>o</i> , 1% <i>g</i>	0.295
15.00	OWCM 70% <i>m</i> , 15% <i>o</i> , 15% <i>w</i>	0.074
1.00	Free Oil 100% <i>o</i>	0.005

Total Length: 76.00 ft Total Volume: 0.374 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

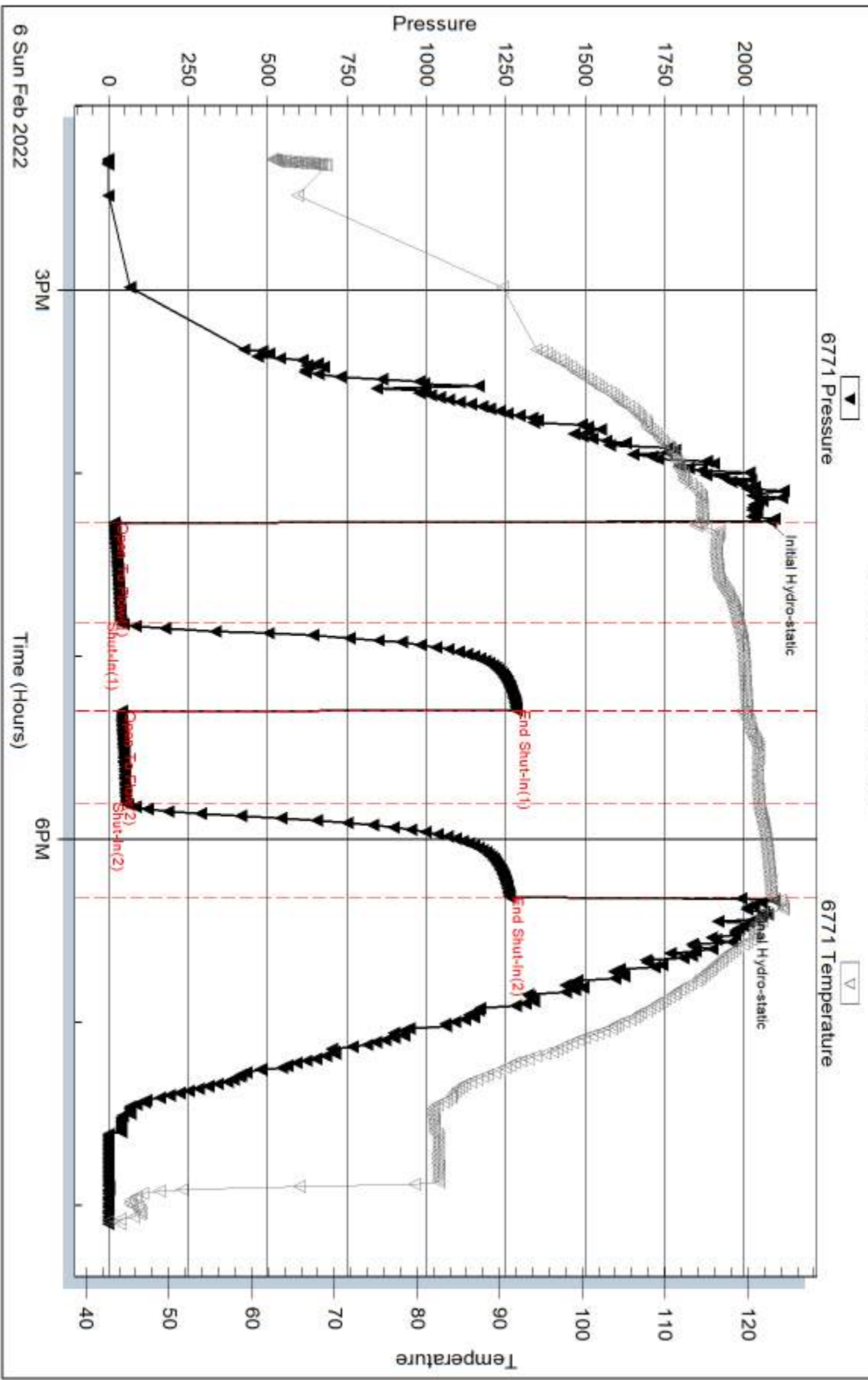
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .460 ohms @ 48 deg F Chlorides = 22,000 ppm

Pressure vs. Time

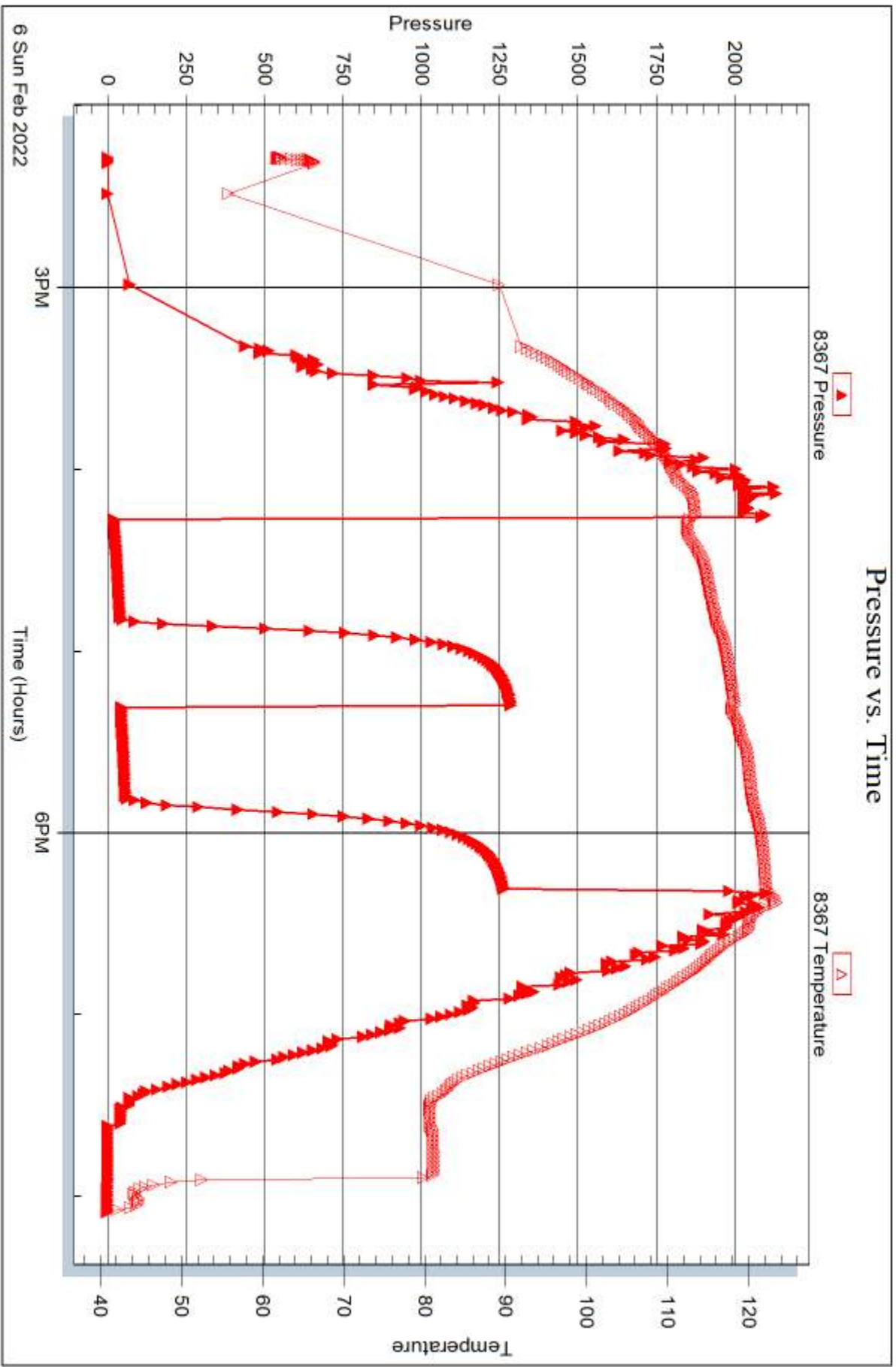


Serial #: 8367

Outside Brito Oil Co. Inc.

Hines Farm #1-9

DST Test Number: 3





DRILL STEM TEST REPORT

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

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

ATTN: Saman Sharifaie

Hines Farm #1-9

9-4s-36w Rawlins,KS

Start Date: 2022.02.07 @ 15:32:00

End Date: 2022.02.08 @ 00:04:20

Job Ticket #: 68620 DST #: 4

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

Printed: 2022.02.11 @ 15:39:28

Brito Oil Co, Inc.
9-4s-36w Rawlins,KS
Hines Farm #1-9
DST # 4
Pawnee
2022.02.07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68620

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2022.02.07 @ 15:32:00

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:16:36

Time Test Ended: 00:04:20

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 73

Interval: 4428.00 ft (KB) To 4470.00 ft (KB) (TVD)

Reference Elevations: 3194.00 ft (KB)

Total Depth: 4470.00 ft (KB) (TVD)

3189.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771 Inside

Press@RunDepth: 386.83 psig @ 4429.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.02.07

End Date:

2022.02.08

Last Calib.:

2022.02.08

Start Time: 15:32:01

End Time:

00:04:20

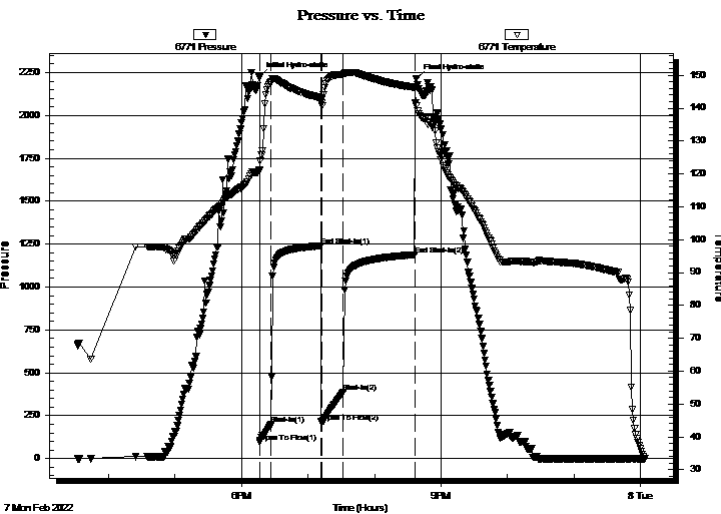
Time On Btm:

2022.02.07 @ 18:16:21

Time Off Btm:

2022.02.07 @ 20:37:51

TEST COMMENT: 10 - IF: Blow built to BOB (11") at 1 3/4 min., built to 67"
45 - IS: Bled off for 7 min., Blow back built to BOB in 7 min., built to 17"
20 - FF: Blow built to BOB at 2 3/4 min., built to 87"
60 - FS: Bled off for 5 min., Blow back built to BOB in 9 min., built to 18 1/2"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.63	121.27	Initial Hydro-static
1	96.34	120.97	Open To Flow (1)
11	197.90	147.78	Shut-In(1)
56	1239.74	143.10	End Shut-In(1)
56	209.75	141.52	Open To Flow (2)
76	386.83	150.18	Shut-In(2)
140	1189.03	146.33	End Shut-In(2)
142	2213.51	140.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GMCO 69%o, 18%m, 13%g	0.59
250.00	GMCO 49%o, 32%g, 19%m	3.51
680.00	CGO 60%o, 40%g	9.54
0.00	GIP = 1080'	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.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68620

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2022.02.07 @ 15:32:00

Tool Information

Drill Pipe:	Length: 4294.00 ft	Diameter: 3.80 inches	Volume: 60.23 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 60.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4428.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	71.00 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			4400.00	
Shut In Tool	5.00			4405.00	
Hydraulic tool	5.00			4410.00	
Jars	5.00			4415.00	
Safety Joint	3.00			4418.00	
Packer	5.00			4423.00	29.00 Bottom Of Top Packer
Packer	5.00			4428.00	
Stubb	1.00			4429.00	
Recorder	0.00	6771	Inside	4429.00	
Recorder	0.00	8367	Outside	4429.00	
Perforations	5.00			4434.00	
Blank Spacing	33.00			4467.00	
Bullnose	3.00			4470.00	42.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68620

DST#: 4

ATTN: Saman Sharifaie

Test Start: 2022.02.07 @ 15:32:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
120.00	GMCO 69%o, 18%m, 13%g	0.590
250.00	GMCO 49%o, 32%g, 19%m	3.507
680.00	CGO 60%o, 40%g	9.539
0.00	GIP = 1080'	0.000

Total Length: 1050.00 ft Total Volume: 13.636 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

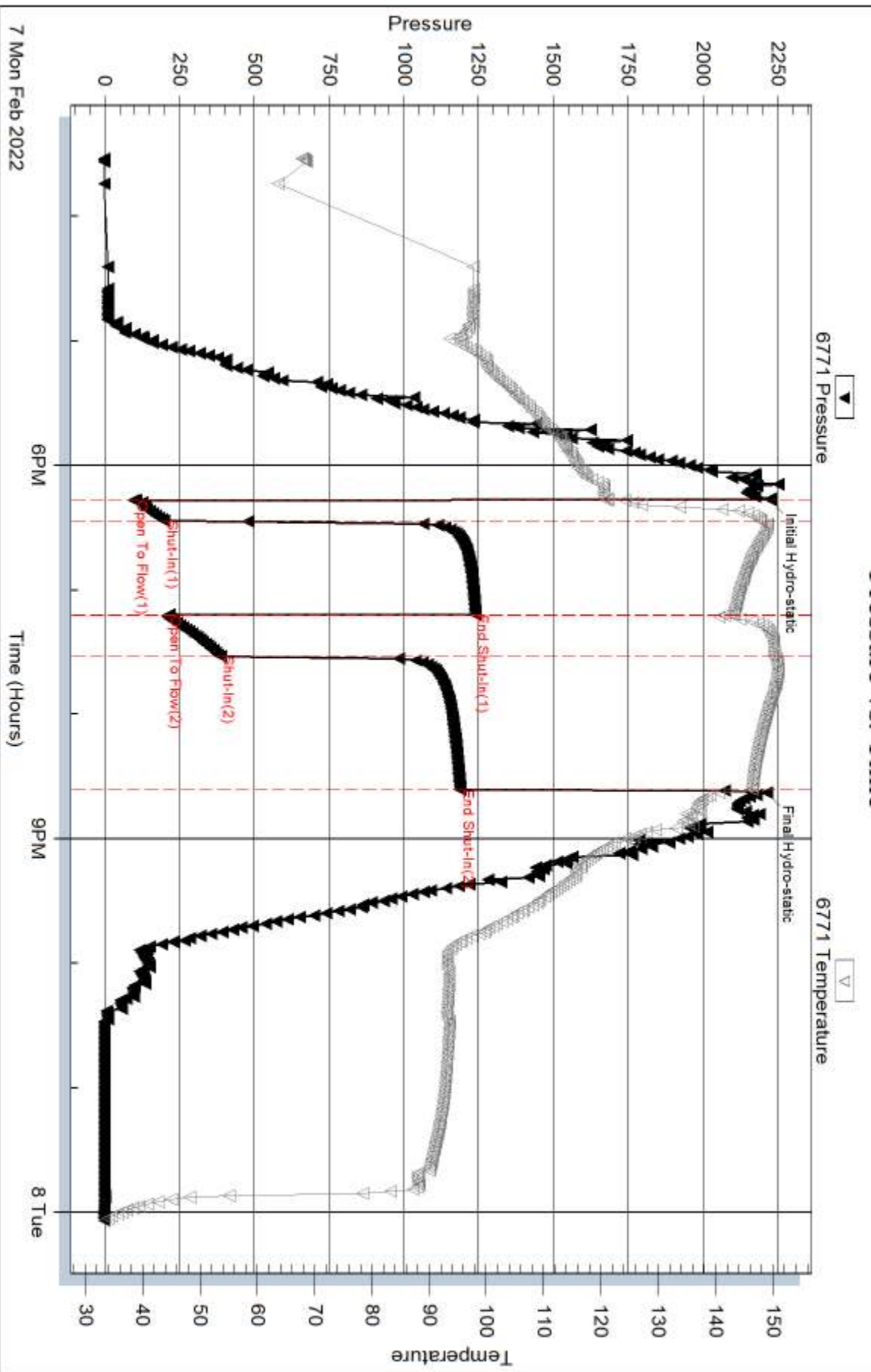
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 35 api @ 30 deg F Corrected Gravity = 38 api

Pressure vs. Time

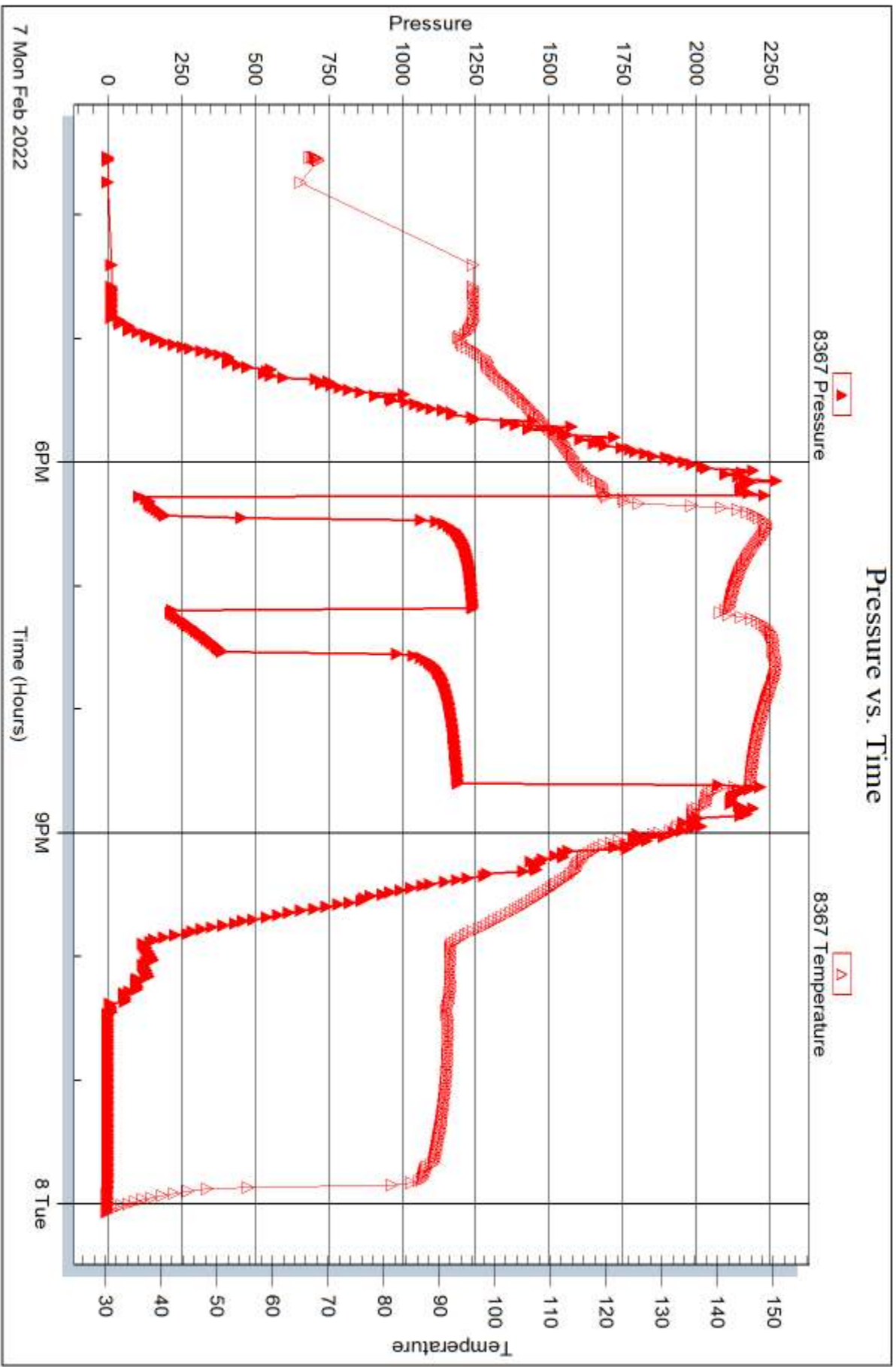


Serial #: 8367

Outside Brito Oil Co. Inc.

Hines Farm #1-9

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 68620

Printed: 2022.02.11 @ 15:39:31



DRILL STEM TEST REPORT

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

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

ATTN: Saman Sharifaie

Hines Farm #1-9

9-4s-36w Rawlins,KS

Start Date: 2022.02.08 @ 13:10:00

End Date: 2022.02.08 @ 20:25:20

Job Ticket #: 68037 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.02.11 @ 15:38:15

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

Hines Farm #1-9

DST # 5

"Myrick Station - Ce

2022.02.08



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

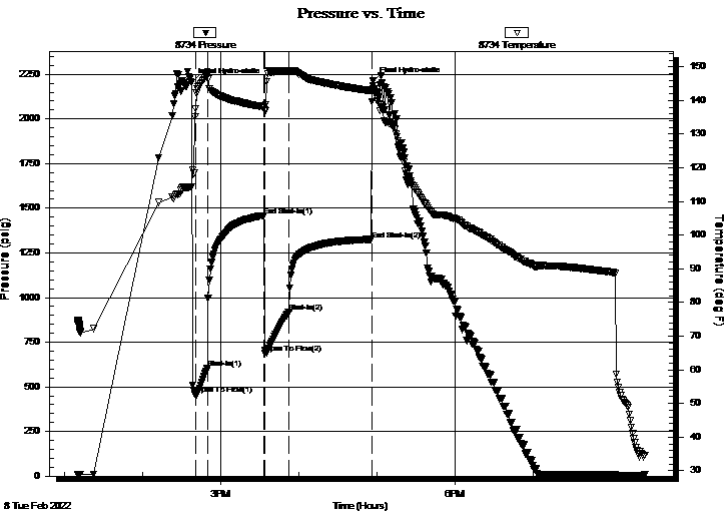
9-4s-36w Rawlins,KS
Hines Farm #1-9
 Job Ticket: 68037 **DST#: 5**
 Test Start: 2022.02.08 @ 13:10:00

GENERAL INFORMATION:

Formation: **"Myrick Station - Ce**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 14:40:20 Tester: Martine Salinas
 Time Test Ended: 20:25:20 Unit No: 81
Interval: 4472.00 ft (KB) To 4550.00 ft (KB) (TVD) Reference Elevations: 3194.00 ft (KB)
 Total Depth: 4550.00 ft (KB) (TVD) 3189.00 ft (CF)
 Hole Diameter: 7.80 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8734 Outside
 Press@RunDepth: 919.54 psig @ 4473.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.02.08 End Date: 2022.02.08 Last Calib.: 2022.02.08
 Start Time: 13:10:01 End Time: 20:25:20 Time On Btm: 2022.02.08 @ 14:37:40
 Time Off Btm: 2022.02.08 @ 16:56:40

TEST COMMENT: 10-IF-B.O.B (11 inches) @ 1 min (Blow increased to 125")
 45-ISI-Return ASASI B.O.B @ 20 mins (Blow increased to 21")
 20-FF-B.O.B @ 2 mins (Blow increased to 159")
 60-FSI-B.O.B @ 41 mins (blow increased to 14 3/4")



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2203.13	114.29	Initial Hydro-static
3	456.11	137.63	Open To Flow (1)
12	605.69	147.26	Shut-In(1)
56	1458.31	138.22	End Shut-In(1)
57	687.64	136.87	Open To Flow (2)
75	919.54	148.73	Shut-In(2)
138	1325.31	142.90	End Shut-In(2)
139	2210.96	143.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
540.00	GMCO 26%G, 20%M, 54%O	6.48
1775.00	CGO 36%G, 64%O	24.90

* 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.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68037

DST#: 5

ATTN: Saman Sharifaie

Test Start: 2022.02.08 @ 13:10:00

Tool Information

Drill Pipe:	Length: 4329.00 ft	Diameter: 3.80 inches	Volume: 60.72 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 61.31 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4472.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	78.00 ft				
Tool Length:	106.00 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			4445.00	
Shut In Tool	5.00			4450.00	
Hydraulic tool	5.00	1113		4455.00	
Jars	5.00	01-07		4460.00	
Safety Joint	3.00	-001		4463.00	
Packer	5.00			4468.00	28.00 Bottom Of Top Packer
Packer	4.00			4472.00	
Stubb	1.00			4473.00	
Recorder	0.00	8959	Inside	4473.00	
Recorder	0.00	8734	Outside	4473.00	
Perforations	7.00			4480.00	
Change Over Sub	1.00			4481.00	
Drill Pipe	63.00			4544.00	
Change Over Sub	1.00			4545.00	
Bullnose	5.00			4550.00	78.00 Bottom Packers & Anchor

Total Tool Length: 106.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co, Inc.

9-4s-36w Rawlins,KS

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

Hines Farm #1-9

Job Ticket: 68037

DST#: 5

ATTN: Saman Sharifaie

Test Start: 2022.02.08 @ 13:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

23.2 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
540.00	GMCO 26%G, 20%M, 54%O	6.482
1775.00	CGO 36%G, 64%O	24.899

Total Length: 2315.00 ft Total Volume: 31.381 bbl

Num Fluid Samples: 0

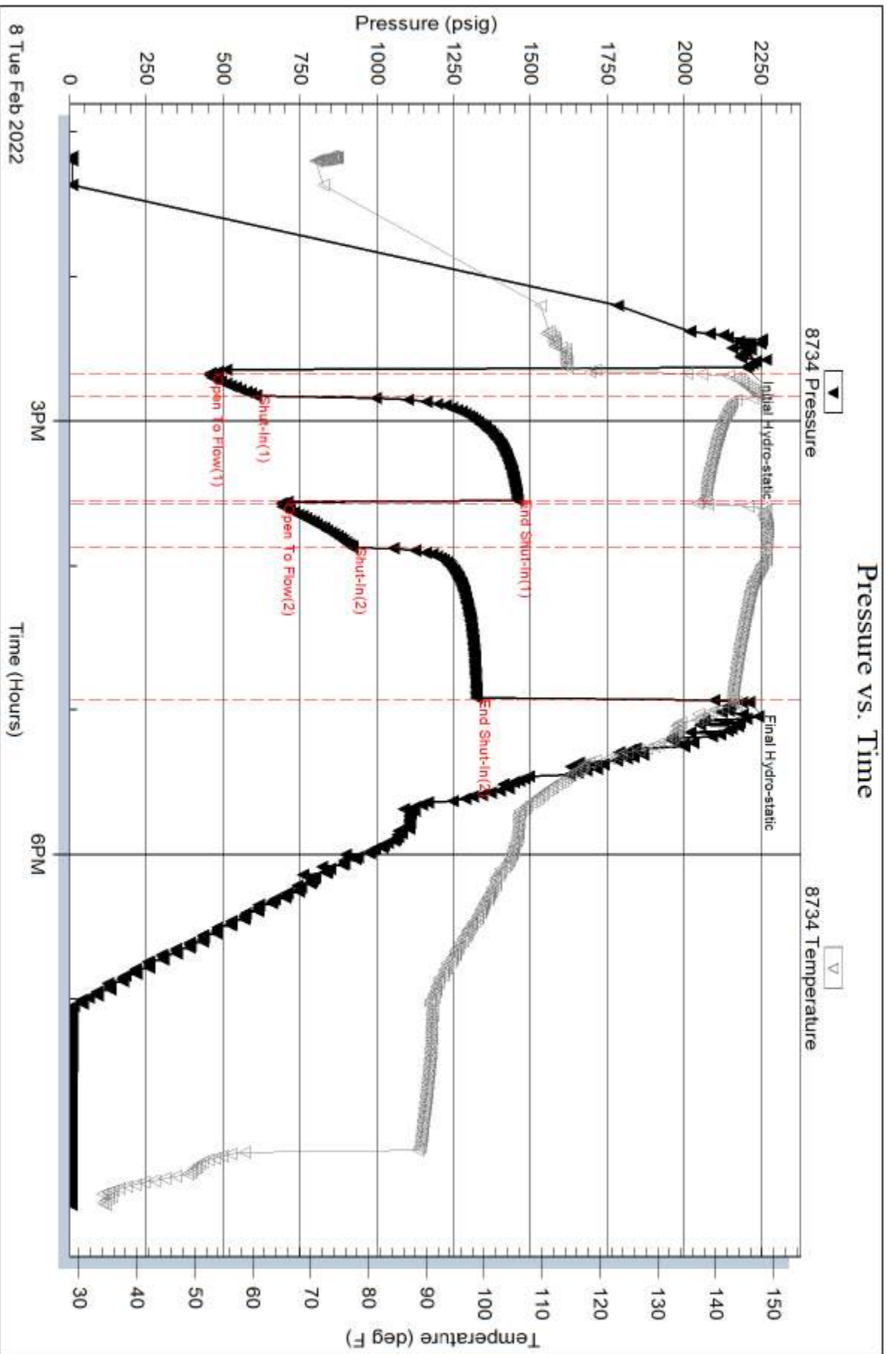
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity of oil = 21.0 @ 38 degs corrected to 23.2 @ 60 degs



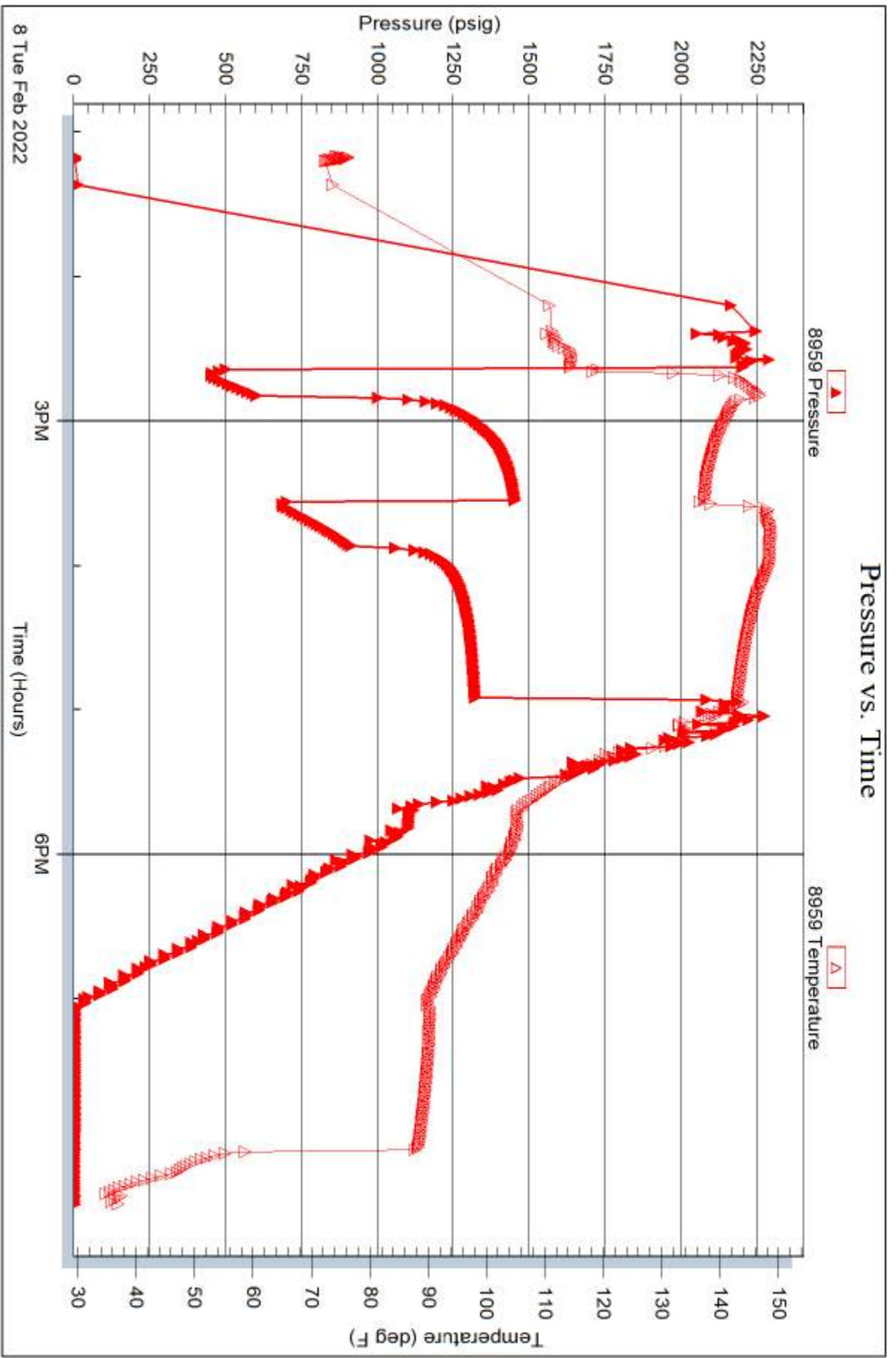
Serial #: 8959

Inside

Brito Oil Co. Inc.

Hines Farm #1-9

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 68037

Printed: 2022.02.11 @ 15:38:16



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68617

Well Name & No. Hines Farm #1-9 Test No. 1 Date 2-5-22
 Company Brito Oil Co Inc. Elevation 3194 KB 3189 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo. Saman Sharifaie Rig Murfin #110
 Location: Sec. 9 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4025 - 4140 Zone Tested LKC "A-D"
 Anchor Length 115 Drill Pipe Run 3887 Mud Wt. 9.0
 Top Packer Depth 4020 Drill Collars Run 120 Vls 58
 Bottom Packer Depth 4025 Wt. Pipe Run - WL 7.2
 Total Depth 4140 Chlorides 1500 ppm System LCM 2

Blow Description IF: 1" Blow at open, built to 2 1/2", died back to 2"
ISI: Weak surface blowback
FF: Blow built to 1 1/2"
FSI: Weak surface blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>143</u>	<u>50cm</u>	<u>3</u>	<u>4</u>	<u>9.3</u>	<u>9.3</u>
<u>60</u>	<u>60cm</u>	<u>10</u>	<u>24</u>	<u>66</u>	<u>66</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 203 BHT 121 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2000 Test 1450 T-On Location 22:45 2/4
 (B) First Initial Flow 74 Jars 250 T-Started 23:44
 (C) First Final Flow 96 Safety Joint 75 T-Open 2:10
 (D) Initial Shut-In 1097 Circ Sub _____ T-Pulled 4:11
 (E) Second Initial Flow 98 Hourly Standby _____ T-Out 6:25 2/5
 (F) Second Final Flow 108 Mileage 104RT 130 Comments tool opened while
sliding through fill-6"
Blow/bleedoff/Reset tool
 (G) Final Shut-In 1047 Sampler _____ EM Tool _____
 (H) Final Hydrostatic 1955 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1905
 Accessibility _____ Sub Total 1905 MP/DST Disc't _____

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

Approved By _____

Our Representative Jamie Winkler

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. 68618

Well Name & No. Hines Farm # 1-9 Test No. 2 Date 2-5-22
 Company Brito Oil Co. Inc Elevation 3194 KB 3189 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo. Saman Sharifaie Rig Murfin # 110
 Location: Sec. 9 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4138-4190 Zone Tested LKC "E-6"
 Anchor Length 52 Drill Pipe Run 4012 Mud Wt. 9.2
 Top Packer Depth 4133 Drill Collars Run 120 Vls 53
 Bottom Packer Depth 4138 Wt. Pipe Run - WL 7.2
 Total Depth 4190 Chlorides 1300 ppm System LCM 2

Blow Description IF: Blow built to 8"
ISI: No blowback
FF: Blow built to 7 3/4"
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>WCM w/trace oil</u>	<u>trace</u>	<u>10</u>	<u>90</u>	
<u>125</u>	<u>WCM w/trace oil</u>	<u>trace</u>	<u>30</u>	<u>70</u>	
<u>125</u>	<u>MCW w/trace oil</u>	<u>trace</u>	<u>72</u>	<u>28</u>	
<u>120</u>	<u>MCW</u>		<u>89</u>	<u>11</u>	

Rec Total 435 BHT 134 Gravity API RW-203 @ 49 °F Chlorides 52,000 ppm

(A) Initial Hydrostatic 2083 Test 1450 T-On Location 14:50
 (B) First Initial Flow 64 Jars 250 T-Started 16:08
 (C) First Final Flow 143 Safety Joint 75 T-Open 18:18
 (D) Initial Shut-In 1291 Circ Sub _____ T-Pulled 21:05
 (E) Second Initial Flow 146 Hourly Standby _____ T-Out 23:00
 (F) Second Final Flow 215 Mileage 104 RT 130
 (G) Final Shut-In 1287 Sampler _____
 (H) Final Hydrostatic 2067 Straddle _____

Initial Open 30 Shale Packer _____ EM Tool _____
 Initial Shut-In 45 Extra Packer _____ Ruined Shale Packer _____
 Final Flow 30 Extra Recorder _____ Ruined Packer _____
 Final Shut-In 60 Day Standby _____ Extra Copies _____
 Sub Total 0
 Total 1905
 Sub Total 1905 MP/DST Disc't _____

Approved By _____ Our Representative James Winsler
 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. 68619

Well Name & No. Hines Farm #1-9 Test No. 3 Date 2-6-22
 Company Brito Oil Co. Inc Elevation 3194 KB 3189 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo. Saman Sharifaie Rig Murfin # 110
 Location: Sec. 9 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4196 - 4280 Zone Tested LKC "H-J"
 Anchor Length 84 Drill Pipe Run 4075 Mud Wt. 9.2
 Top Packer Depth 4191 Drill Collars Run 120 Vis 51
 Bottom Packer Depth 4196 Wt. Pipe Run - WL 8.0
 Total Depth 4280 Chlorides 2300 ppm System LCM 2

Blow Description IF: Blow built to 3/4"
ISI: No blowback
FF: Blow built to just under a 1/2"
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Free oil</u>			<u>100</u>	
<u>15</u>	<u>OWCM</u>	<u>15</u>	<u>15</u>	<u>70</u>	
<u>60</u>	<u>WCM w/oil spots</u>	<u>1</u>	<u>22</u>	<u>75</u>	

Rec Total 76 BHT 123 Gravity API RW .460 @ 48 ° F Chlorides 22,000 ppm

(A) Initial Hydrostatic 2080 Test 1450 T-On Location 12:40
 (B) First Initial Flow 17 Jars 250 T-Started 14:17
 (C) First Final Flow 38 Safety Joint 75 T-Open 16:16
 (D) Initial Shut-In 1285 Circ Sub _____ T-Pulled 18:19
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 20:10
 (F) Second Final Flow 54 Mileage 104 RT 130 Comments _____
 (G) Final Shut-In 1263 Sampler _____
 (H) Final Hydrostatic 1989 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 1905 MP/DST Disc't _____

Approved By _____ Our Representative James Winder

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68620

Well Name & No. Hines Farm #1-9 Test No. 4 Date 2-7-22
 Company Brito Oil Co. Inc Elevation 3194 KB 3189 GL
 Address 8100 E 22nd St N STE 600-R Wichita, KS 67226
 Co. Rep / Geo. Saman Sharifaie Rig Murfin #110
 Location: Sec. 9 Twp 4s Rge. 36w Co. Rawlins State KS

Interval Tested 4428 - 4470 Zone Tested Pawnee
 Anchor Length 42 Drill Pipe Run 4294 Mud Wt. 9.2
 Top Packer Depth 4423 Drill Collars Run 120 Vis 55
 Bottom Packer Depth 4428 Wt. Pipe Run - WL 10.4
 Total Depth 4470 Chlorides 3000 ppm System LCM 1

Blow Description IF: Blow built to BOB(11") at 1 3/4 min., built to 67"
ISI: Bled off for 7 min, Blowback built to BOB in 7 min., built to 17"
FF: Blow built to BOB at 2 3/4 min., built to 87"
FSI: Bled off for 5 min., built to BOB in 9 min., built to 18 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>680</u>	<u>CEO</u>	<u>40</u>	<u>60</u>		
<u>250</u>	<u>GMCO</u>	<u>32</u>	<u>49</u>	<u>19</u>	
<u>120</u>	<u>GMCO</u>	<u>13</u>	<u>69</u>	<u>18</u>	
	<u>GIP = 1080</u>				

Rec Total 1050 BHT 146 Gravity 38 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2224 Test 1450 T-On Location 14:45 2/7
 (B) First Initial Flow 96 Jars 250 T-Started 15:32
 (C) First Final Flow 198 Safety Joint 75 T-Open 18:16
 (D) Initial Shut-In 1240 Circ Sub _____ T-Pulled 20:36
 (E) Second Initial Flow 210 Hourly Standby _____ T-Out 00:00 2/8
 (F) Second Final Flow 387 Mileage 104 RT 130
 (G) Final Shut-In 1189 Sampler _____
 (H) Final Hydrostatic 2214 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

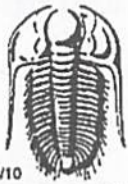
Initial Open 18 10
 Initial Shut-In 12 45
 Final Flow 20
 Final Shut-In 60

Sub Total 1905 MP/DST Disc't _____

Approved By _____

Our Representative James Winkler

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68037**

Well Name & No. Hins Farm # 1-9 Test No. 5 Date 2-8-22
 Company Brito Oil Co Inc. Elevation 3194 KB 3189 GL
 Address 8100 E 22nd St N. STE 600-R Wichita, KS 67226
 Co. Rep / Geo. Saman Shar Fair Rig Murfin #110
 Location: Sec. 9 Twp 4S Rge. 36W Co. Rawlins State KS

Interval Tested 4472-4550 Zone Tested "Myric - ~~Granite~~ Celia"
 Anchor Length 78' Drill Pipe Run 4329 Mud Wt. 9.1
 Top Packer Depth ~~4408~~ 4467 Drill Collars Run 120 Vis 52
 Bottom Packer Depth 4472 Wt. Pipe Run — WL 7.2
 Total Depth 4550 Chlorides 3300 ppm System LCM 2#

Blow Description IF - B.O.B (11 inches) @ 1 min (blow increased to 125")
ISI - Return ASASI B.O.B @ 20 mins (blow increased to 21")
FF - B.O.B @ 2 mins. (blow increased to 159")
FST - B.O.B @ 41 mins (blow increased to 14 3/4")

Rec	Feet of	%gas	%oil	%water	%mud
<u>540</u>	<u>GMCO</u>	<u>26</u>	<u>54</u>	<u>20</u>	
<u>1775</u>	<u>CGO</u>	<u>36</u>	<u>64</u>		
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2315 BHT 143 Gravity 23.2 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2203</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>07:00</u>
(B) First Initial Flow <u>456</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>13:10</u>
(C) First Final Flow <u>606</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>14:38</u>
(D) Initial Shut-In <u>1458</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>16:53</u>
(E) Second Initial Flow <u>688</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:25</u>
(F) Second Final Flow <u>920 920</u>	<input checked="" type="checkbox"/> Mileage <u>104 RT X 2</u> 260	Comments <u>Tools loaded</u>
(G) Final Shut-In <u>1325</u>	<input type="checkbox"/> Sampler	<u>21:30 2-9-22</u>
(H) Final Hydrostatic <u>2211</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool

Initial Open 10
 Initial Shut-In 45
 Final Flow 20
 Final Shut-In 60

<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
<input checked="" type="checkbox"/> Day Standby <u>1d 1h</u>	Sub Total <u>800</u>
<input type="checkbox"/> Accessibility	Total <u>2705</u>
Sub Total <u>1905</u>	MP/DST Disc't

Approved By _____ Our Representative Martin Adams
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