

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	Brito Oil Company, Inc.
Well Name	CARPENTER "A" 1-23
Doc ID	1362488

All Electric Logs Run

Dual Induction
Neutron Density
Microlog
Sonic

Form	ACO1 - Well Completion
Operator	Brito Oil Company, Inc.
Well Name	CARPENTER "A" 1-23
Doc ID	1362488

Tops

Name	Top	Datum
B/Anhydrite	2999	398
Heebner	4160	-763
Lansing	4211	-814
Muncie Crk	4343	-946
Stark	4425	-1028
BKC	4481	-1084
Marmaton	4490	-1093
Pawnee	4610	-1213
Ft Scott	4672	-1275
Cherokee	4702	-1305
Mississippi	4916	-1519





0571  
8238

T ET NUMBER 51846  
LOCATION Oakley, KS  
FOREMAN Miles Shaw

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

FIELD TICKET & TREATMENT REPORT  
CEMENT

Invoice # 810482

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
6-22-17	3254	Carpenter A 1-23	23	7S	37W	Sherman	
CUSTOMER Brito Oil Company		Brewster's N. 5 W to Rd 35 4 1/2 N E. into		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 1223 N. Rock Road Building F100				753	Strum		
CITY Wichita		STATE KS	ZIP CODE 67206	566	Travis W		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 348' CASING SIZE & WEIGHT 8 5/8" 23 #  
CASING DEPTH 345' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 15.2 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
DISPLACEMENT 20.566 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting and rig upon Murfin drilling Rig #3 Circulate casing  
mix 240sx Surface blend II Class A cement 3% calcium 2% gel dis place 20 1/2 bbls  
Water shut in Cement did Circulate Cellar only

Thanks Miles + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0471	1	PUMP CHARGE	1150. <sup>00</sup>	1150. <sup>00</sup>
CE0002	30	MILEAGE	7.15	214.50
CE0711	11.28 tons	Ton mileage delivery min	660. <sup>00</sup>	660. <sup>00</sup>
CC5871	240sx	Surface blend II	23. <sup>00</sup>	5520. <sup>00</sup>
			Subtotal	7544.50
			less 30% discount	2263.35
			Subtotal	5281.15
			SALES TAX	338.10
			ESTIMATED TOTAL	5619.25

RAVIN 3737 AUTHORIZATION [Signature] TITLE Tool Pusher DATE 6-22-17

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



8711  
8314

TICKET NUMBER 51834  
LOCATION Oakley Ks  
FOREMAN Jerry Y

620-431-9210 or 800-461-8810

### LD TICKET & TREATMENT REPORT CEMENT

INVOICE # 810555 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-23-17	3254	Carpenter "A" 1-23	23	7s	37w	Stearman
CUSTOMER		Brito Oil Company INC. Brewster W-035 S.W. E. info				
MAILING ADDRESS		1223 N. Rock Road Building F100				
CITY	STATE	ZIP CODE				
Wichita	KS	67206				
TRUCK #		DRIVER		TRUCK #		DRIVER
781		Cory O				
566		Seth O				
assist 639		Steve O				

JOB TYPE Plug HOLE SIZE 7 7/8 HOLE DEPTH 5010 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.8 SLURRY VOL 1.42 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting set up on Martin 3 plug as ordered with 255 sks  
lite blend V (60/40 0.4% #4/10)  
50 sks @ 2980'  
100 sks @ 2050'  
50 sks @ 400'  
10 sks @ 40' with 8 5/8 wooden plug  
15 sks mH 30 sks RH

Thank you  
Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900.00	1900.00
CE0002	30	MILEAGE	7.15	214.50
CE0711	10.97	ton mileage delivery (min)	660.00	660.00
CC5829	255 sks	lite blend V	16.00	4080.00
CG6025	64 #		3.00	192.00
CP8228	1		165.00	165.00
			Subtotal	7211.50
			-30%	2163.45
			Subtotal	5048.05
			SALES TAX	271.76
			ESTIMATED TOTAL	# 5319.81

AUTHORIZATION [Signature] TITLE Tool Pusher DATE 6-23-17

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

# Saman Sharifaie

## Petroleum Geologist

### GEOLOGISTS'S REPORT

#### DRILLING TIME AND SAMPLE LOG

COMPANY: **Brilo Oil Co., Inc.**  
LEASE: **Crumpeter "A" #1-23**

FIELD: **Wildcat**  
LOCATION: **960' FSL & 970' EFL**  
SEC: **23** TWP: **7S** RGE: **31W**  
COUNTY: **Shuman** STATE: **Kansas**  
CONTRACTOR: **Murfin Drilling #3**  
RTD: **06/12/17** COMP: **06/23/17**  
SPUD: **5:01:07** TYPE MUD: **Chemical**  
MUD UP: **3:00'** LIME MUD: **Chemical**

SAMPLES SAVED FROM: **3900'** TO RTD  
DRILLING TIME KEPT FROM: **3800'** TO RTD  
SAMPLES EXAMINED FROM: **3900'** TO RTD  
GEOLOGICAL SUPERVISION FROM: **3518'**

REFERENCE WELL: **Miami Petro - Dawes "A" #1**  
CND: **D.L. MEL, S. SANC**  
DIP: **7.0/267'**

FORMATION: **Anhydrite**  
Sample Tops: **2966 (+432)** E-log Tops: **2966 (+431)**  
Elevations: **2991 (+398)** **4160 (-363)** **4161 (-364)** **4162 (-365)** **4163 (-366)** **4164 (-367)** **4165 (-368)** **4166 (-369)** **4167 (-370)** **4168 (-371)** **4169 (-372)** **4170 (-373)** **4171 (-374)** **4172 (-375)** **4173 (-376)** **4174 (-377)** **4175 (-378)** **4176 (-379)** **4177 (-380)** **4178 (-381)** **4179 (-382)** **4180 (-383)** **4181 (-384)** **4182 (-385)** **4183 (-386)** **4184 (-387)** **4185 (-388)** **4186 (-389)** **4187 (-390)** **4188 (-391)** **4189 (-392)** **4190 (-393)** **4191 (-394)** **4192 (-395)** **4193 (-396)** **4194 (-397)** **4195 (-398)** **4196 (-399)** **4197 (-400)** **4198 (-401)** **4199 (-402)** **4200 (-403)** **4201 (-404)** **4202 (-405)** **4203 (-406)** **4204 (-407)** **4205 (-408)** **4206 (-409)** **4207 (-410)** **4208 (-411)** **4209 (-412)** **4210 (-413)** **4211 (-414)** **4212 (-415)** **4213 (-416)** **4214 (-417)** **4215 (-418)** **4216 (-419)** **4217 (-420)** **4218 (-421)** **4219 (-422)** **4220 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**4408 (-611)** **4409 (-612)** **4410 (-613)** **4411 (-614)** **4412 (-615)** **4413 (-616)** **4414 (-617)** **4415 (-618)** **4416 (-619)** **4417 (-620)** **4418 (-621)** **4419 (-622)** **4420 (-623)** **4421 (-624)** **4422 (-625)** **4423 (-626)** **4424 (-627)** **4425 (-628)** **4426 (-629)** **4427 (-630)** **4428 (-631)** **4429 (-632)** **4430 (-633)** **4431 (-634)** **4432 (-635)** **4433 (-636)** **4434 (-637)** **4435 (-638)** **4436 (-639)** **4437 (-640)** **4438 (-641)** **4439 (-642)** **4440 (-643)** **4441 (-644)** **4442 (-645)** **4443 (-646)** **4444 (-647)** **4445 (-648)** **4446 (-649)** **4447 (-650)** **4448 (-651)** **4449 (-652)** **4450 (-653)** **4451 (-654)** **4452 (-655)** **4453 (-656)** **4454 (-657)** **4455 (-658)** **4456 (-659)** **4457 (-660)** **4458 (-661)** **4459 (-662)** **4460 (-663)** **4461 (-664)** **4462 (-665)** **4463 (-666)** **4464 (-667)** **4465 (-668)** **4466 (-669)** **4467 (-670)** **4468 (-671)** **4469 (-672)** **4470 (-673)** **4471 (-674)** **4472 (-675)** **4473 (-676)** **4474 (-677)** **4475 (-678)** **4476 (-679)** **4477 (-680)** **4478 (-681)** **4479 (-682)** **4480 (-683)** **4481 (-684)** **4482 (-685)** **4483 (-686)** **4484 (-687)** **4485 (-688)** **4486 (-689)** **4487 (-690)** **4488 (-691)** **4489 (-692)** **4490 (-693)** **4491 (-694)** **4492 (-695)** **4493 (-696)** **4494 (-697)** **4495 (-698)** **4496 (-699)** **4497 (-700)** **4498 (-701)** **4499 (-702)** **4500 (-703)** **4501 (-704)** **4502 (-705)** **4503 (-706)** **4504 (-707)** **4505 (-708)** **4506 (-709)** **4507 (-710)** **4508 (-711)** **4509 (-712)** **4510 (-713)** **4511 (-714)** **4512 (-715)** **4513 (-716)** **4514 (-717)** **4515 (-718)** **4516 (-719)** **4517 (-720)** **4518 (-721)** **4519 (-722)** **4520 (-723)** **4521 (-724)** **4522 (-725)** **4523 (-726)** **4524 (-727)** **4525 (-728)** **4526 (-729)** **4527 (-730)** **4528 (-731)** **4529 (-732)** **4530 (-733)** **4531 (-734)** **4532 (-735)** **4533 (-736)** **4534 (-737)** **4535 (-738)** **4536 (-739)** **4537 (-740)** **4538 (-741)** **4539 (-742)** **4540 (-743)** **4541 (-744)** **4542 (-745)** **4543 (-746)** **4544 (-747)** **4545 (-748)** **4546 (-749)** **4547 (-750)** **4548 (-751)** **4549 (-752)** **4550 (-753)** **4551 (-754)** **4552 (-755)** **4553 (-756)** **4554 (-757)** **4555 (-758)** **4556 (-759)** **4557 (-760)** **4558 (-761)** **4559 (-762)** **4560 (-763)** **4561 (-764)** **4562 (-765)** **4563 (-766)** **4564 (-767)** **4565 (-768)** **4566 (-769)** **4567 (-770)** **4568 (-771)** **4569 (-772)** **4570 (-773)** **4571 (-774)** **4572 (-775)** **4573 (-776)** **4574 (-777)** **4575 (-778)** **4576 (-779)** **4577 (-780)** **4578 (-781)** **4579 (-782)** **4580 (-783)** **4581 (-784)** **4582 (-785)** **4583 (-786)** **4584 (-787)** **4585 (-788)** **4586 (-789)** **4587 (-790)** **4588 (-791)** **4589 (-792)** **4590 (-793)** **4591 (-794)** **4592 (-795)** **4593 (-796)** **4594 (-797)** **4595 (-798)** **4596 (-799)** **4597 (-800)** **4598 (-801)** **4599 (-802)** **4600 (-803)** **4601 (-804)** **4602 (-805)** **4603 (-806)** **4604 (-807)** **4605 (-808)** **4606 (-809)** **4607 (-810)** **4608 (-811)** **4609 (-812)** **4610 (-813)** **4611 (-814)** **4612 (-815)** **4613 (-816)** **4614 (-817)** **4615 (-818)** **4616 (-819)** **4617 (-820)** **4618 (-821)** **4619 (-822)** **4620 (-823)** **4621 (-824)** **4622 (-825)** **4623 (-826)** **4624 (-827)** **4625 (-828)** **4626 (-829)** **4627 (-830)** **4628 (-831)** **4629 (-832)** **4630 (-833)** **4631 (-834)** **4632 (-835)** **4633 (-836)** **4634 (-837)** **4635 (-838)** **4636 (-839)** **4637 (-840)** **4638 (-841)** **4639 (-842)** **4640 (-843)** **4641 (-844)** **4642 (-845)** **4643 (-846)** **4644 (-847)** **4645 (-848)** **4646 (-849)** **4647 (-850)** **4648 (-851)** **4649 (-852)** **4650 (-853)** **4651 (-854)** **4652 (-855)** **4653 (-856)** **4654 (-857)** **4655 (-858)** **4656 (-859)** **4657 (-860)** **4658 (-861)** **4659 (-862)** **4660 (-863)** **4661 (-864)** **4662 (-865)** **4663 (-866)** **4664 (-867)** **4665 (-868)** **4666 (-869)** **4667 (-870)** **4668 (-871)** **4669 (-872)** **4670 (-873)** **4671 (-874)** **4672 (-875)** **4673 (-876)** **4674 (-877)** **4675 (-878)** **4676 (-879)** **4677 (-880)** **4678 (-881)** **4679 (-882)** **4680 (-883)** **4681 (-884)** **4682 (-885)** **4683 (-886)** **4684 (-887)** **4685 (-888)** **4686 (-889)** **4687 (-890)** **4688 (-891)** **4689 (-892)** **4690 (-893)** **4691 (-894)** **4692 (-895)** **4693 (-896)** **4694 (-897)** **4695 (-898)** **4696 (-899)** **4697 (-900)** **4698 (-901)** **4699 (-902)** **4700 (-903)** **4701 (-904)** **4702 (-905)** **4703 (-906)** **4704 (-907)** **4705 (-908)** **4706 (-909)** **4707 (-910)** **4708 (-911)** **4709 (-912)** **4710 (-913)** **4711 (-914)** **4712 (-915)** **4713 (-916)** **4714 (-917)** **4715 (-918)** **4716 (-919)** **4717 (-920)** **4718 (-921)** **4719 (-922)** **4720 (-923)** **4721 (-924)** **4722 (-925)** **4723 (-926)** **4724 (-927)** **4725 (-928)** **4726 (-929)** **4727 (-930)** **4728 (-931)** **4729 (-932)** **4730 (-933)** **4731 (-934)** **4732 (-935)** **4733 (-936)** **4734 (-937)** **4735 (-938)** **4736 (-939)** **4737 (-940)** **4738 (-941)** **4739 (-942)** **4740 (-943)** **4741 (-944)** **4742 (-945)** **4743 (-946)** **4744 (-947)** **4745 (-948)** **4746 (-949)** **4747 (-950)** **4748 (-951)** **4749 (-952)** **4750 (-953)** **4751 (-954)** **4752 (-955)** **4753 (-956)** **4754 (-957)** **4755 (-958)** **4756 (-959)** **4757 (-960)** **4758 (-961)** **4759 (-962)** **4760 (-963)** **4761 (-964)** **4762 (-965)** **4763 (-966)** **4764 (-967)** **4765 (-968)** **4766 (-969)** **4767 (-970)** **4768 (-971)** **4769 (-972)** **4770 (-973)** **4771 (-974)** **4772 (-975)** **4773 (-976)** **4774 (-977)** **4775 (-978)** **4776 (-979)** **4777 (-980)** **4778 (-981)** **4779 (-982)** **4780 (-983)** **4781 (-984)** **4782 (-985)** **4783 (-986)** **4784 (-987)** **4785 (-988)** **4786 (-989)** **4787 (-990)** **4788 (-991)** **4789 (-992)** **4790 (-993)** **4791 (-994)** **4792 (-995)** **4793 (-996)** **4794 (-997)** **4795 (-998)** **4796 (-999)** **4797 (-1000)** **4798 (-1001)** **4799 (-1002)** **4800 (-1003)** **4801 (-1004)** **4802 (-1005)** **4803 (-1006)** **4804 (-1007)** **4805 (-1008)** **4806 (-1009)** **4807 (-1010)** **4808 (-1011)** **4809 (-1012)** **4810 (-1013)** **4811 (-1014)** **4812 (-1015)** **4813 (-1016)** **4814 (-1017)** **4815 (-1018)** **4816 (-1019)** **4817 (-1020)** **4818 (-1021)** **4819 (-1022)** **4820 (-1023)** **4821 (-1024)** **4822 (-1025)** **4823 (-1026)** **4824 (-1027)** **4825 (-1028)** **4826 (-1029)** **4827 (-1030)** **4828 (-1031)** **4829 (-1032)** **4830 (-1033)** **4831 (-1034)** **4832 (-1035)** **4833 (-1036)** **4834 (-1037)** **4835 (-1038)** **4836 (-1039)** **4837 (-1040)** **4838 (-1041)** **4839 (-1042)** **4840 (-1043)** **4841 (-1044)** **4842 (-1045)** **4843 (-1046)** **4844 (-1047)** **4845 (-1048)** **4846 (-1049)** **4847 (-1050)** **4848 (-1051)** **4849 (-1052)** **4850 (-1053)** **4851 (-1054)** **4852 (-1055)** **4853 (-1056)** **4854 (-1057)** **4855 (-1058)** **4856 (-1059)** **4857 (-1060)** **4858 (-1061)** **4859 (-1062)** **4860 (-1063)** **4861 (-1064)** **4862 (-1065)** **4863 (-1066)** **4864 (-1067)** **4865 (-1068)** **4866 (-1069)** **4867 (-1070)** **4868 (-1071)** **4869 (-1072)** **4870 (-1073)** **4871 (-1074)** **4872 (-1075)** **4873 (-1076)** **4874 (-1077)** **4875 (-1078)** **4876 (-1079)** **4877 (-1080)** **4878 (-1081)** **4879 (-1082)** **4880 (-1083)** **4881 (-1084)** **4882 (-1085)** **4883 (-1086)** **4884 (-1087)** **4885 (-1088)** **4886 (-1089)** **4887 (-1090)** **4888 (-1091)** **4889 (-1092)** **4890 (-1093)** **4891 (-1094)** **4892 (-1095)** **4893 (-1096)** **4894 (-1097)** **4895 (-1098)** **4896 (-1099)** **4897 (-1100)** **4898 (-1101)** **4899 (-1102)** **4900 (-1103)** **4901 (-1104)** **4902 (-1105)** **4903 (-1106)** **4904 (-1107)** **4905 (-1108)** **4906 (-1109)** **4907 (-1110)** **4908 (-1111)** **4909 (-1112)** **4910 (-1113)** **4911 (-1114)** **4912 (-1115)** **4913 (-1116)** **4914 (-1117)** **4915 (-1118)** **4916 (-1119)** **4917 (-1120)** **4918 (-1121)** **4919 (-1122)** **4920 (-1123)** **4921 (-1124)** **4922 (-1125)** **4923 (-1126)** **4924 (-1127)** **4925 (-1128)** **4926 (-1129)** **4927 (-1130)** **4928 (-1131)** **4929 (-1132)** **4930 (-1133)** **4931 (-1134)** **4932 (-1135)** **4933 (-1136)** **4934 (-1137)** **4935 (-1138)** **4936 (-1139)** **4937 (-1140)** **4938 (-1141)** **4939 (-1142)** **4940 (-1143)** **4941 (-1144)** **4942 (-1145)** **4943 (-1146)** **4944 (-1147)** **4945 (-1148)** **4946 (-1149)** **4947 (-1150)** **4948 (-1151)** **4949 (-1152)** **4950 (-1153)** **4951 (-1154)** **4952 (-1155)** **4953 (-1156)** **4954 (-1157)** **4955 (-1158)** **4956 (-1159)** **4957 (-1160)** **4958 (-1161)** **4959 (-1162)** **4960 (-1163)** **4961 (-1164)** **4962 (-1165)** **4963 (-1166)** **4964 (-1167)** **4965 (-1168)** **4966 (-1169)** **4967 (-1170)** **4968 (-1171)** **4969 (-1172)** **4970 (-1173)** **4971 (-1174)** **4972 (-1175)** **4973 (-1176)**





## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206

ATTN: Saman Sharifaie

### **Carpenter "A" #1-23**

#### **23 -7S.-37W Sherman,KS**

Start Date: 2017.06.17 @ 18:28:00

End Date: 2017.06.18 @ 03:03:19

Job Ticket #: 64176                      DST #: 1

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

Printed: 2017.06.26 @ 09:26:16



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc  
1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**23 -7S.-37W Sherman,KS**

**Carpenter "A" #1-23**

Job Ticket: 64176

**DST#: 1**

Test Start: 2017.06.17 @ 18:28:00

## GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:09:20

Time Test Ended: 03:03:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Martine Salinas

Unit No: 82

**Interval: 4210.00 ft (KB) To 4280.00 ft (KB) (TVD)**

Reference Elevations: 3397.00 ft (KB)

Total Depth: 4280.00 ft (KB) (TVD)

3392.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8322 Inside**

Press@RunDepth: 653.81 psig @ 4211.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.17

End Date:

2017.06.18

Last Calib.:

2017.06.18

Start Time:

18:28:01

End Time:

03:03:19

Time On Btm:

2017.06.17 @ 21:09:00

Time Off Btm:

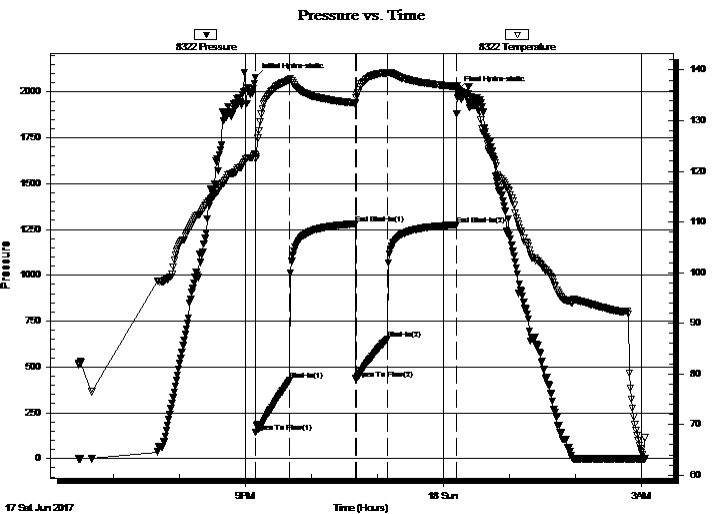
2017.06.18 @ 00:12:39

TEST COMMENT: 30-IF- BOB at 4 mins 40 secs

60-ISI-No blow

30-FF-BOB at 6 mins

60-FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.95	123.16	Initial Hydro-static
1	144.60	122.46	Open To Flow (1)
32	426.81	138.17	Shut-In(1)
91	1281.32	133.46	End Shut-In(1)
92	434.84	134.59	Open To Flow (2)
121	653.81	139.42	Shut-In(2)
183	1275.96	136.69	End Shut-In(2)
184	2006.12	136.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	HWCM 38%W, 62%M	0.15
553.00	MSW 2%M, 98%W	6.69
676.00	MCW 21%M, 79%W	9.48
0.00	Oil spots in tool	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64176      **DST#: 1**  
Test Start: 2017.06.17 @ 18:28:00

**Tool Information**

Drill Pipe:	Length: 4057.00 ft	Diameter: 3.80 inches	Volume: 56.91 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: 147.00 ft	Diameter: 2.25 inches	Volume: 0.72 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 57.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4210.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Shut In Tool	5.00			4187.00	
Hydraulic tool	5.00			4192.00	
Jars	5.00			4197.00	
Safety Joint	3.00			4200.00	
Packer	5.00			4205.00	28.00      Bottom Of Top Packer
Packer	5.00			4210.00	
Stubb	1.00			4211.00	
Recorder	0.00	8322	Inside	4211.00	
Recorder	0.00	8734	Outside	4211.00	
Perforations	31.00			4242.00	
Change Over Sub	1.00			4243.00	
Drill Pipe	31.00			4274.00	
Change Over Sub	1.00			4275.00	
Bullnose	5.00			4280.00	70.00      Bottom Packers & Anchor

**Total Tool Length: 98.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64176 **DST#: 1**

Test Start: 2017.06.17 @ 18:28:00

## 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:	82500 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.13 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

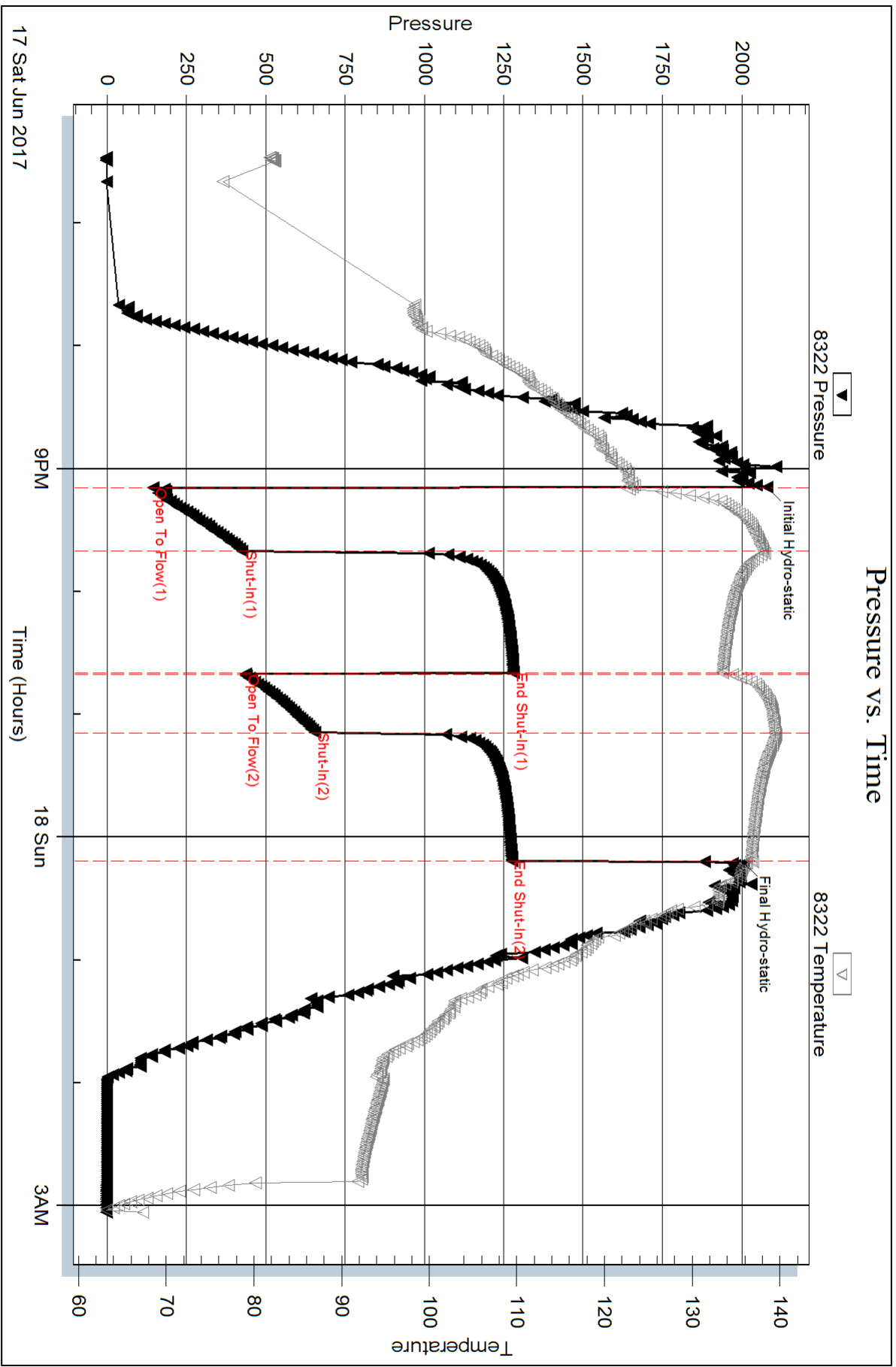
Length ft	Description	Volume bbl
30.00	HWCM 38%W, 62%M	0.148
553.00	MSW 2%M, 98%W	6.691
676.00	MCW 21%M, 79%W	9.483
0.00	Oil spots in tool	0.000

Total Length: 1259.00 ft Total Volume: 16.322 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=.113@ 63 degs

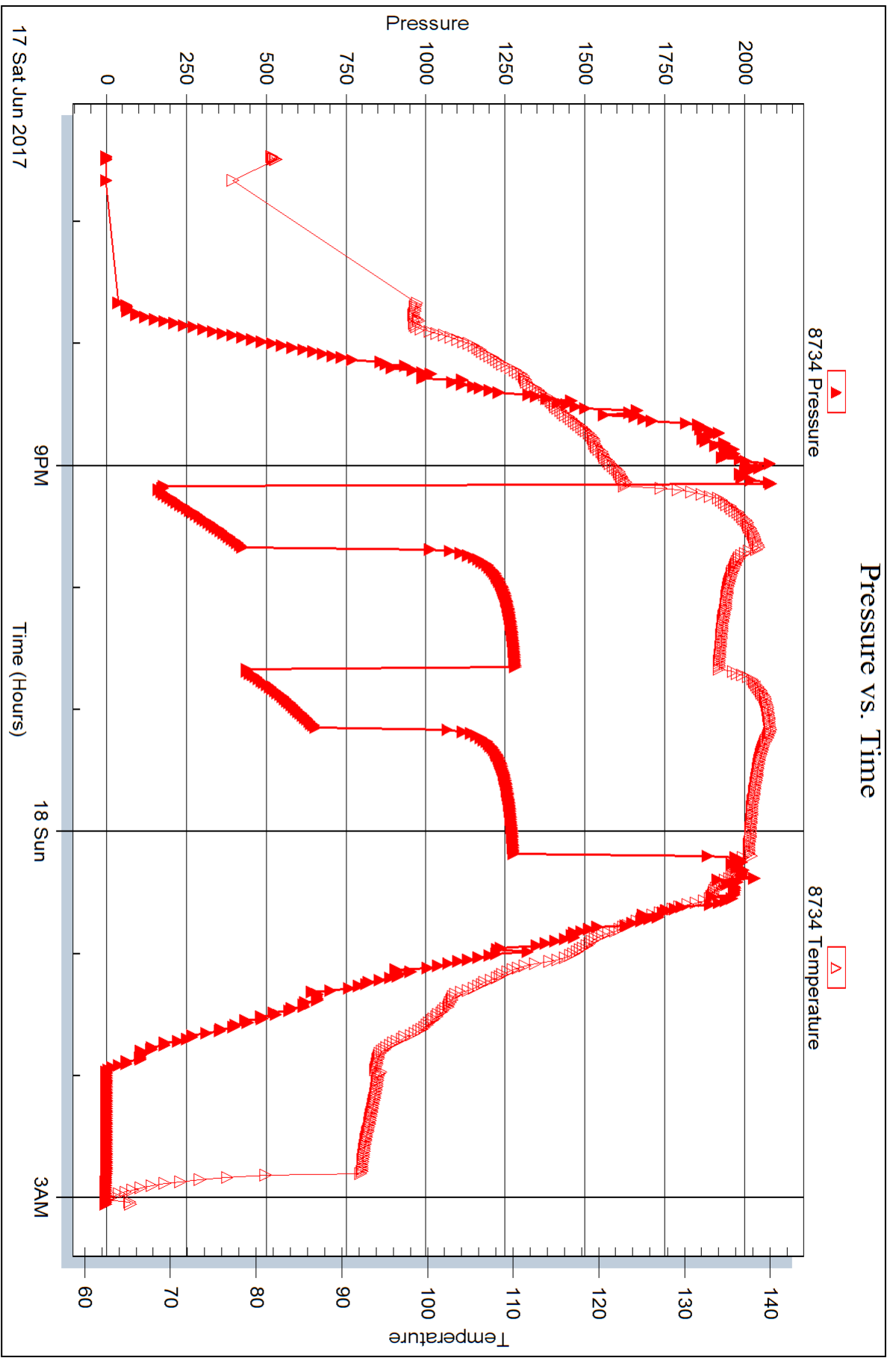


Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

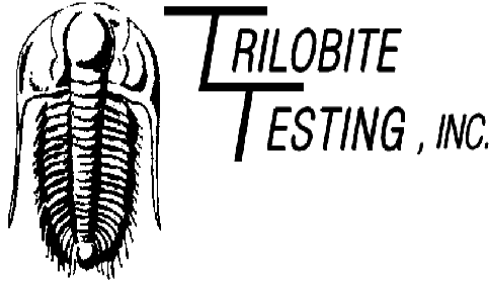
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64176

Printed: 2017.06.26 @ 09:26:17



## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206

ATTN: Saman Sharifaie

### **Carpenter "A" #1-23**

### **23 -7S.-37W Sherman,KS**

Start Date: 2017.06.19 @ 13:05:01

End Date: 2017.06.19 @ 17:51:30

Job Ticket #: 64177                      DST #: 2

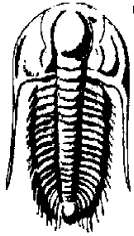
Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2017.06.26 @ 09:25:50









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64177

**DST#: 2**

Test Start: 2017.06.19 @ 13:05:01

## Tool Information

Drill Pipe:	Length: 4182.00 ft	Diameter: 3.80 inches	Volume: 58.66 bbl	Tool Weight: 3000.00 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: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 59.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4390.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4506.00 ft			
Interval between Packers:	116.00 ft			
Tool Length:	195.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

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

Shut In Tool	5.00			4367.00	
Hydraulic tool	5.00			4372.00	
Jars	5.00			4377.00	
Safety Joint	3.00			4380.00	
Packer	5.00			4385.00	28.00 Bottom Of Top Packer
Packer	5.00			4390.00	
Packer - Shale	0.00			4390.00	
Stubb	1.00			4391.00	
Recorder	0.00	8322	Inside	4391.00	
Recorder	0.00	8734	Outside	4391.00	
Perforations	15.00			4406.00	
Change Over Sub	1.00			4407.00	
Blank Spacing	94.00			4501.00	
Change Over Sub	1.00			4502.00	
Perforations	3.00			4505.00	
Blank Off Sub	1.00			4506.00	116.00 Tool Interval
Packer	0.00			4506.00	
Blank Spacing	4.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	6752		4511.00	
Perforations	8.00			4519.00	
Change Over Sub	1.00			4520.00	
Drill Pipe	31.00			4551.00	
Change Over Sub	1.00			4552.00	
Bullnose	5.00			4557.00	51.00 Bottom Packers & Anchor

**Total Tool Length: 195.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64177

**DST#: 2**

Test Start: 2017.06.19 @ 13:05:01

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.50 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
443.00	Mud	4.347

Total Length: 443.00 ft      Total Volume: 4.347 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

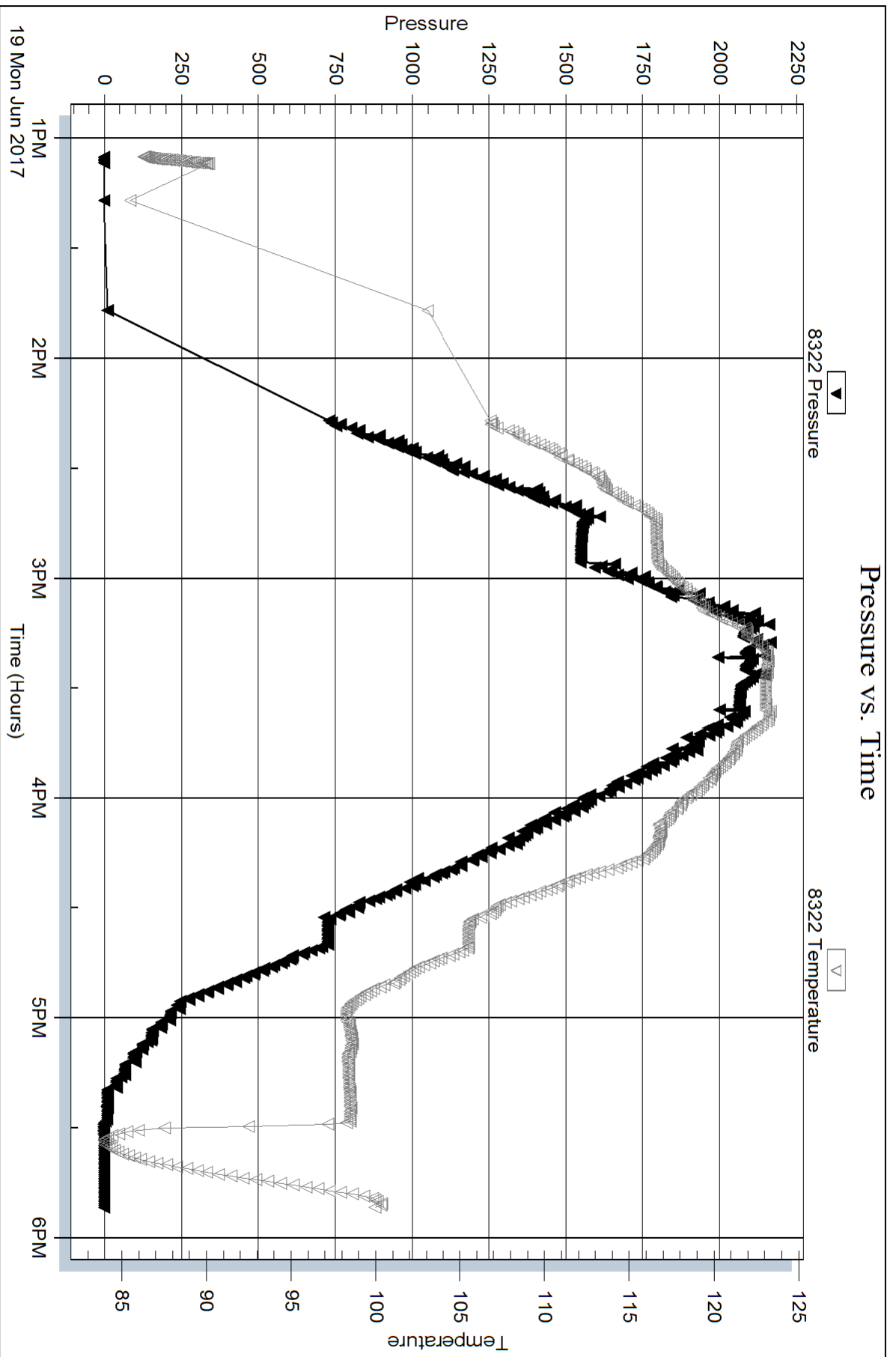
Serial #: 8322

Inside

Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 2

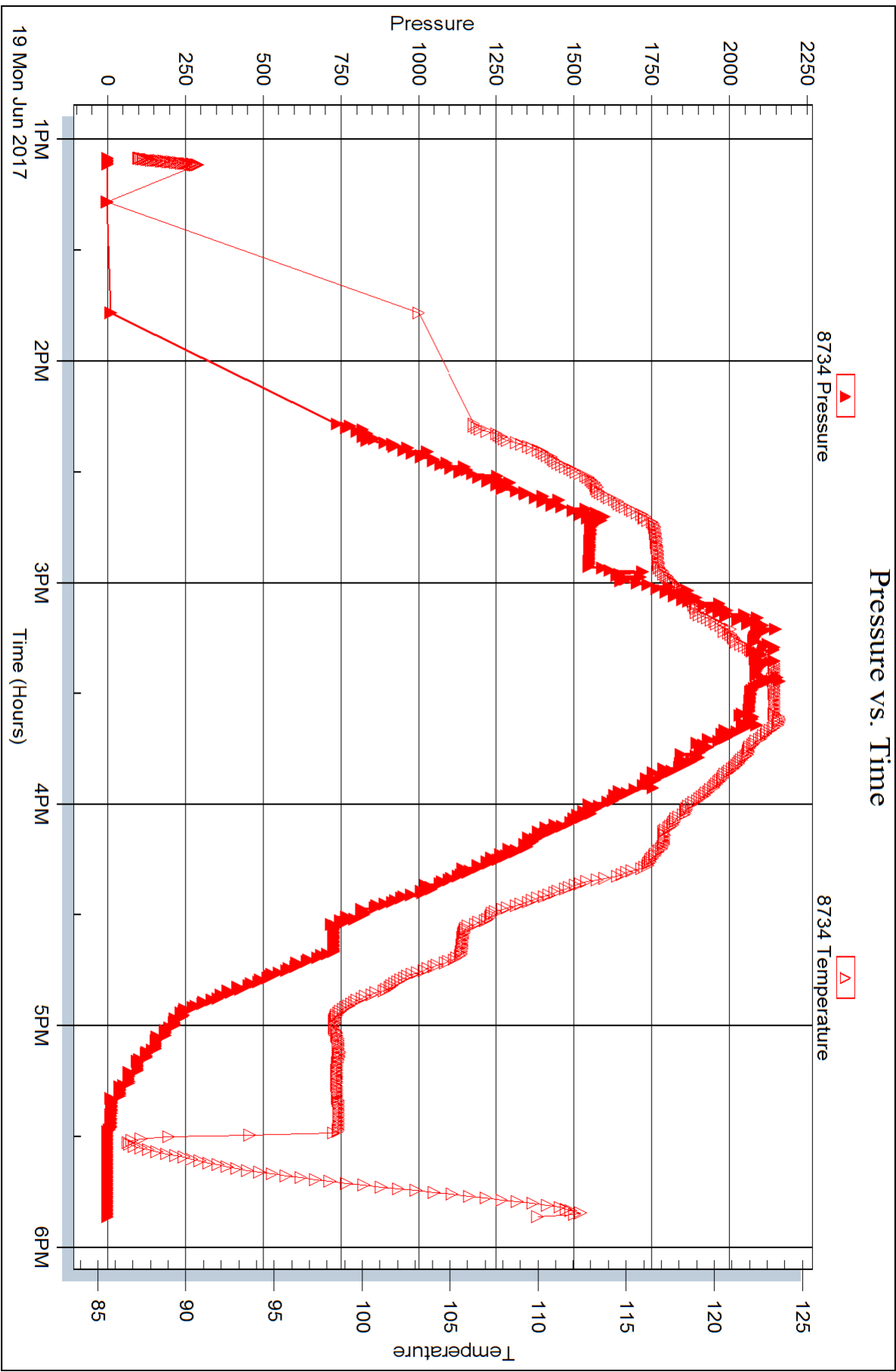


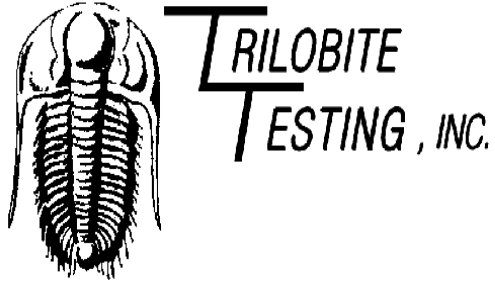
Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206

ATTN: Saman Sharifaie

### **Carpenter "A" #1-23**

#### **23 -7S.-37W Sherman,KS**

Start Date: 2017.06.19 @ 18:35:00

End Date: 2017.06.19 @ 23:42:50

Job Ticket #: 64178                      DST #: 3

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

Printed: 2017.06.26 @ 09:25:25









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64178

**DST#: 3**

Test Start: 2017.06.19 @ 18:35:00

## Tool Information

Drill Pipe:	Length: 4212.00 ft	Diameter: 3.80 inches	Volume: 59.08 bbl	Tool Weight: 3000.00 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: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 73000.00 lb
			<u>Total Volume: 60.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4430.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	4506.00 ft			
Interval between Packers:	76.00 ft			
Tool Length:	186.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

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

Shut In Tool	5.00			4407.00	
Hydraulic tool	5.00			4412.00	
Jars	5.00			4417.00	
Safety Joint	3.00			4420.00	
Packer	5.00			4425.00	28.00 Bottom Of Top Packer
Packer	5.00			4430.00	
Packer - Shale	0.00			4430.00	
Stubb	1.00			4431.00	
Recorder	0.00	8322	Inside	4431.00	
Recorder	0.00	8734	Outside	4431.00	
Perforations	9.00			4440.00	
Change Over Sub	1.00			4441.00	
Blank Spacing	62.00			4503.00	
Change Over Sub	1.00			4504.00	
Perforations	1.00			4505.00	
Blank Off Sub	1.00			4506.00	76.00 Tool Interval
Packer	0.00			4506.00	
Blank Spacing	4.00			4510.00	
Stubb	1.00			4511.00	
Recorder	0.00	6752		4511.00	
Perforations	8.00			4519.00	
Change Over Sub	1.00			4520.00	
Drill Pipe	62.00			4582.00	
Change Over Sub	1.00			4583.00	
Bullnose	5.00			4588.00	82.00 Bottom Packers & Anchor

**Total Tool Length: 186.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64178      **DST#: 3**

Test Start: 2017.06.19 @ 18:35:00

## 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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.50 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
405.00		3.814

Total Length: 405.00 ft      Total Volume: 4.342 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

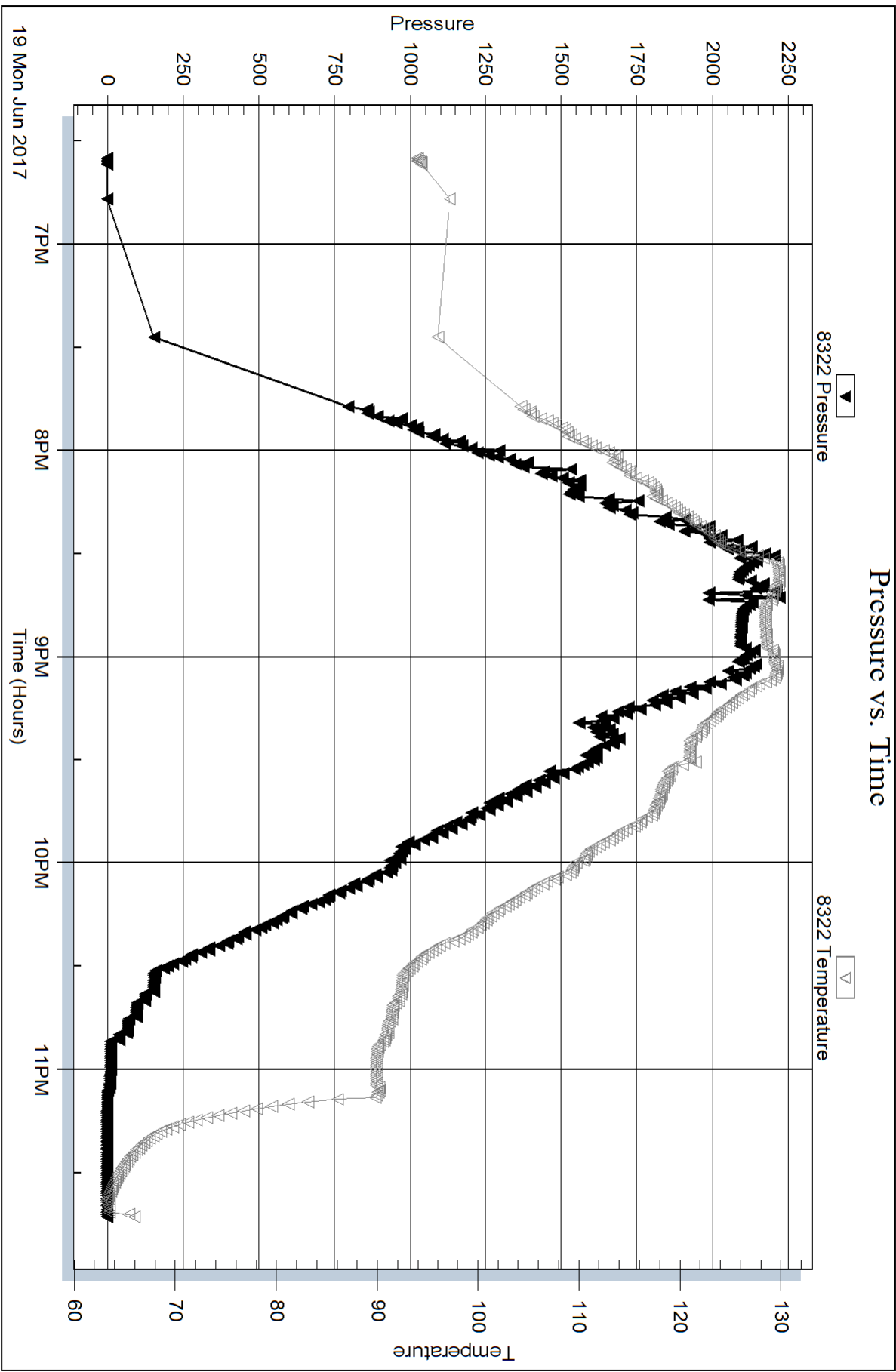
Serial #: 8322

Inside

Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 3

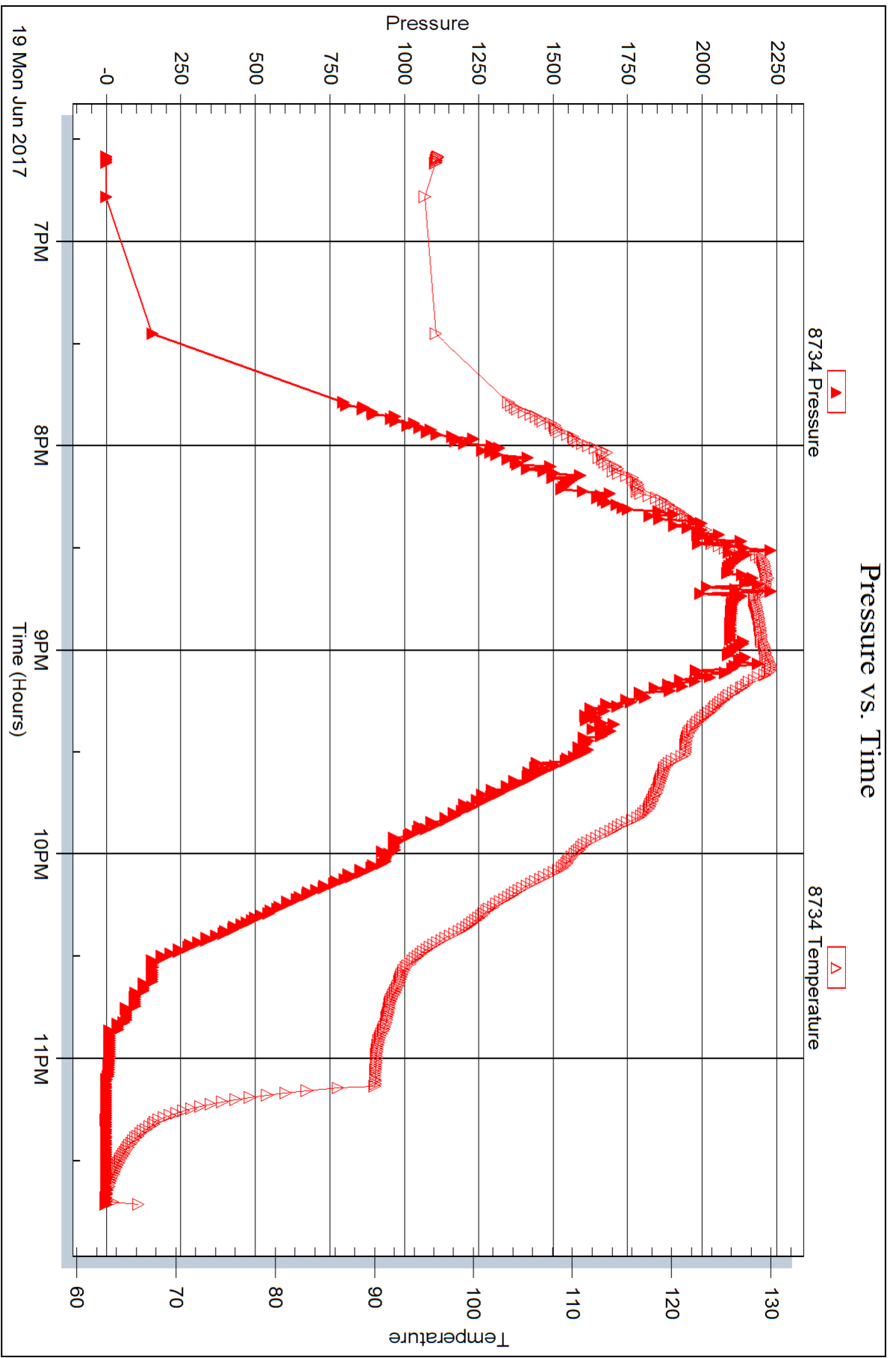


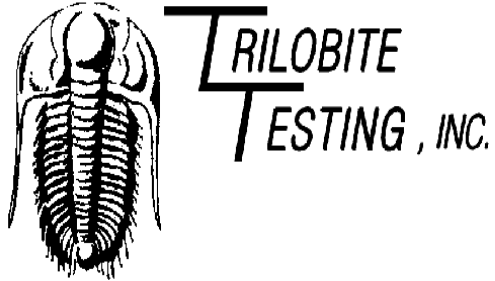
Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206

ATTN: Saman Sharifaie

### **Carpenter "A" #1-23**

#### **23 -7S.-37W Sherman,KS**

Start Date: 2017.06.20 @ 10:57:00

End Date: 2017.06.20 @ 15:40:30

Job Ticket #: 64179                      DST #: 4

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

Printed: 2017.06.26 @ 09:25:01

Brito Oil Company Inc

23 -7S.-37W Sherman,KS

Carpenter "A" #1-23

DST # 4

Altamont

2017.06.20









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64179

**DST#: 4**

Test Start: 2017.06.20 @ 10:57:00

## Tool Information

Drill Pipe:	Length: 4336.00 ft	Diameter: 3.80 inches	Volume: 60.82 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: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 61.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 73000.00 lb
Depth to Top Packer:	4551.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4528.00	
Hydraulic tool	5.00			4533.00	
Jars	5.00			4538.00	
Safety Joint	3.00			4541.00	
Packer	5.00			4546.00	28.00 Bottom Of Top Packer
Packer	5.00			4551.00	
Stubb	1.00			4552.00	
Recorder	0.00	8322	Inside	4552.00	
Recorder	0.00	8734	Outside	4552.00	
Perforations	19.00			4571.00	
Change Over Sub	1.00			4572.00	
Drill Pipe	62.00			4634.00	
Change Over Sub	1.00			4635.00	
Bullnose	5.00			4640.00	89.00 Bottom Packers & Anchor

**Total Tool Length: 117.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64179

**DST#: 4**

Test Start: 2017.06.20 @ 10:57:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 7.16 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
288.00	100% M	2.172

Total Length: 288.00 ft      Total Volume: 2.172 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

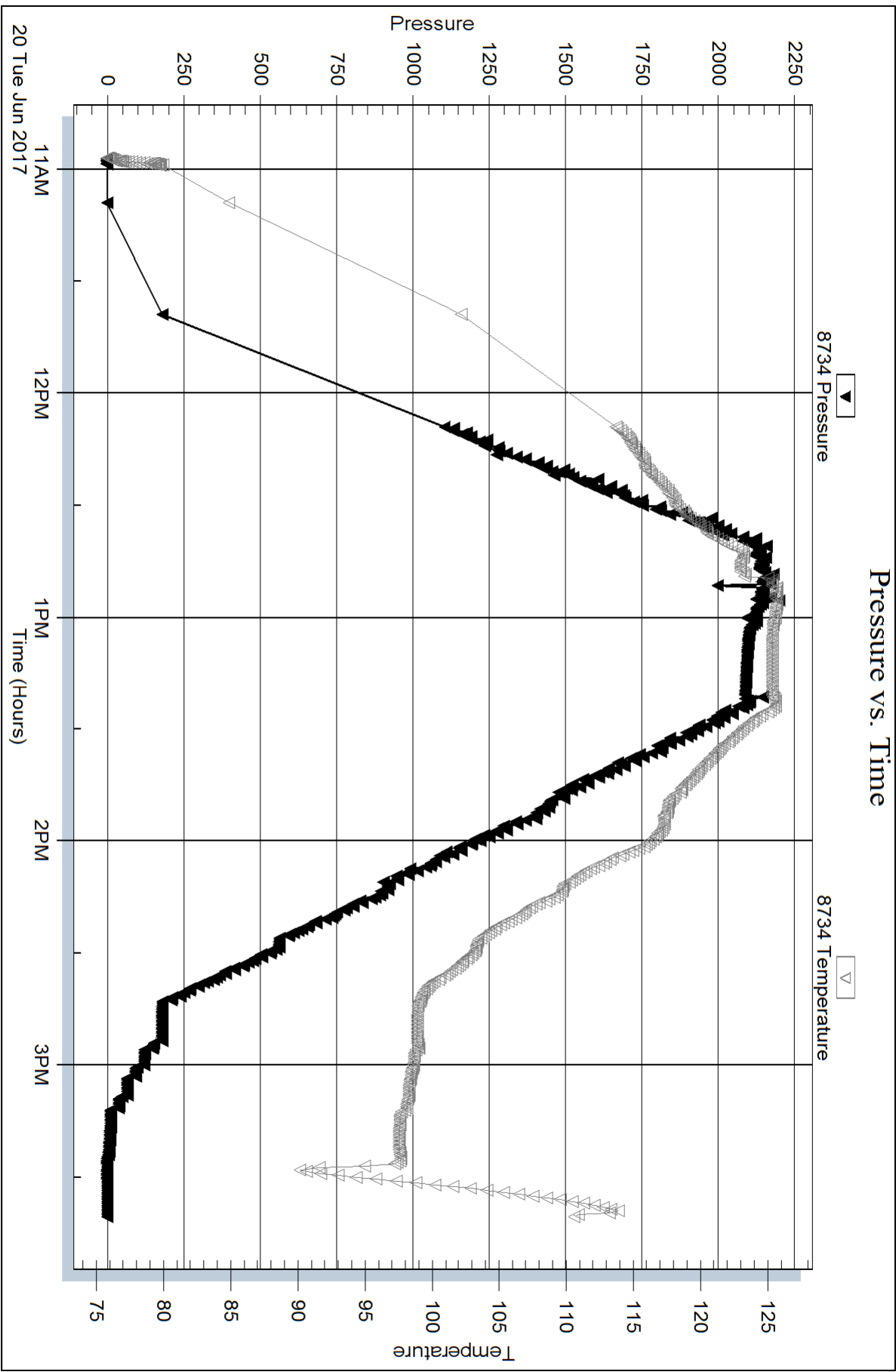
Recovery Comments:

Serial #: 8734

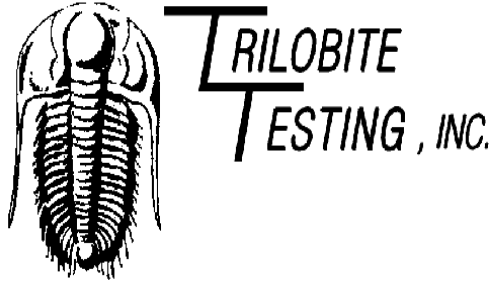
Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 4







## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206

ATTN: Saman Sharifaie

### **Carpenter "A" #1-23**

#### **23 -7S.-37W Sherman,KS**

Start Date: 2017.06.20 @ 16:44:00

End Date: 2017.06.20 @ 22:18:30

Job Ticket #: 64180                      DST #: 5

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

Printed: 2017.06.26 @ 09:24:27



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc  
 1223 N Rock RD  
 BLDG I STE 100  
 Wichita, KS 67206  
 ATTN: Saman Sharifaie

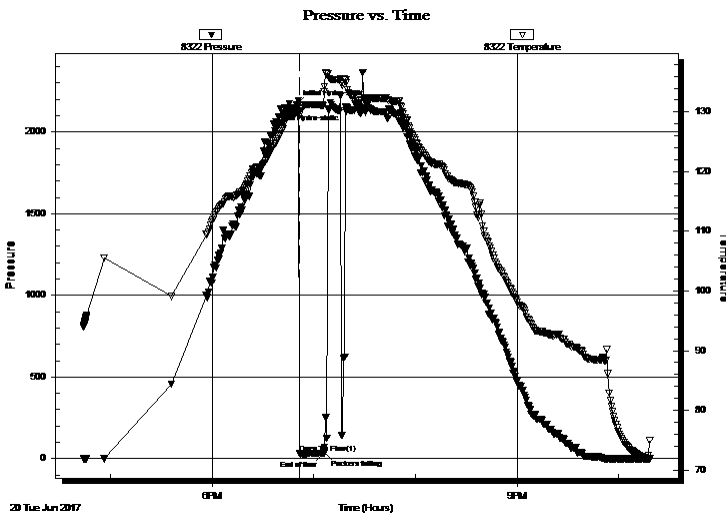
**23 -7S.-37W Sherman,KS**  
**Carpenter "A" #1-23**  
 Job Ticket: 64180 **DST#: 5**  
 Test Start: 2017.06.20 @ 16:44:00

## GENERAL INFORMATION:

Formation: **Altamont**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 18:51:30  
 Time Test Ended: 22:18:30  
 Interval: **4560.00 ft (KB) To 4640.00 ft (KB) (TVD)**  
 Total Depth: 4640.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Martine Salinas  
 Unit No: 82  
 Reference Elevations: 3397.00 ft (KB)  
 3392.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8322 Inside**  
 Press@RunDepth: psig @ 4561.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.06.20 End Date: 2017.06.20 Last Calib.: 2017.06.20  
 Start Time: 16:44:01 End Time: 22:18:30 Time On Btm: 2017.06.20 @ 18:49:50  
 Time Off Btm: 2017.06.20 @ 19:18:50

**TEST COMMENT:** 30-IF Weak blow built to 3/4" at 15 mins & lost fluid, picked up and re-seated ,lost fluid, packer failure mis-run, pull tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2168.86	129.93	Initial Hydro-static
2	32.15	129.48	Open To Flow (1)
16	31.40	131.11	End of flow
17	36.07	133.37	Packers failing
29	2156.35	135.45	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
493.00	100%M	5.05

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc  
1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**23 -7S.-37W Sherman,KS**

**Carpenter "A" #1-23**

Job Ticket: 64180 **DST#: 5**

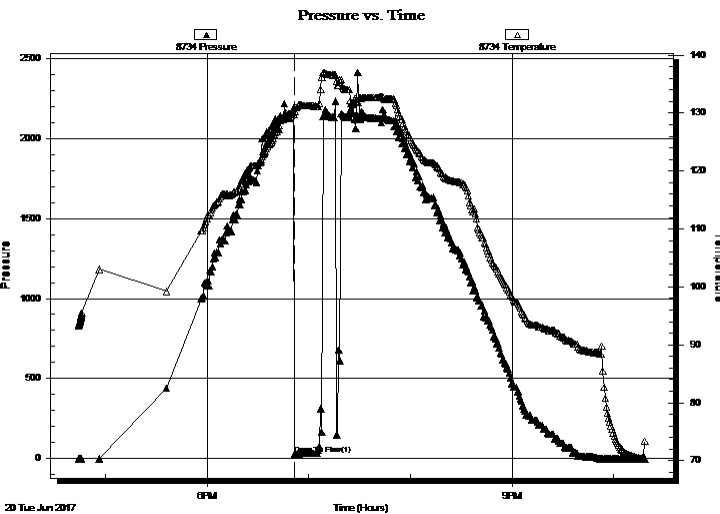
Test Start: 2017.06.20 @ 16:44:00

## GENERAL INFORMATION:

Formation: **Altamont**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 18:51:30  
 Tester: Martine Salinas  
 Time Test Ended: 22:18:30  
 Unit No: 82  
 Interval: **4560.00 ft (KB) To 4640.00 ft (KB) (TVD)**  
 Reference Elevations: 3397.00 ft (KB)  
 Total Depth: 4640.00 ft (KB) (TVD)  
 3392.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 5.00 ft

**Serial #: 8734 Outside**  
 Press@RunDepth: psig @ 4561.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.06.20 End Date: 2017.06.20 Last Calib.: 2017.06.20  
 Start Time: 16:44:01 End Time: 22:18:30 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30-IF Weak blow built to 3/4" at 15 mins & lost fluid, picked up and re-seated ,lost fluid, packer failure mis-run, pull tool



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	28.37	129.76	Open To Flow (1)

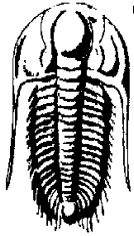
## Recovery

Length (ft)	Description	Volume (bbl)
493.00	100%M	5.05

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64180 **DST#: 5**

Test Start: 2017.06.20 @ 16:44:00

## Tool Information

Drill Pipe:	Length: 4336.00 ft	Diameter: 3.80 inches	Volume: 60.82 bbl	Tool Weight: 2700.00 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: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 61.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4560.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	113.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4532.00	
Hydraulic tool	5.00			4537.00	
Jars	5.00			4542.00	
Safety Joint	3.00			4545.00	
Packer	5.00			4550.00	33.00 Bottom Of Top Packer
Packer	5.00			4555.00	80.00 Tool Interval
Packer	5.00			4560.00	
Stubb	1.00			4561.00	
Recorder	0.00	8322	Inside	4561.00	
Recorder	0.00	8734	Outside	4561.00	
Perforations	10.00			4571.00	
Change Over Sub	1.00			4572.00	
Drill Pipe	62.00			4634.00	
Change Over Sub	1.00			4635.00	
Bullnose	5.00			4640.00	1000112.00 Bottom Packers & Anchor

**Total Tool Length: 113.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64180      **DST#: 5**  
Test Start: 2017.06.20 @ 16:44:00

## 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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
493.00	100%M	5.048

Total Length: 493.00 ft      Total Volume: 5.048 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8322

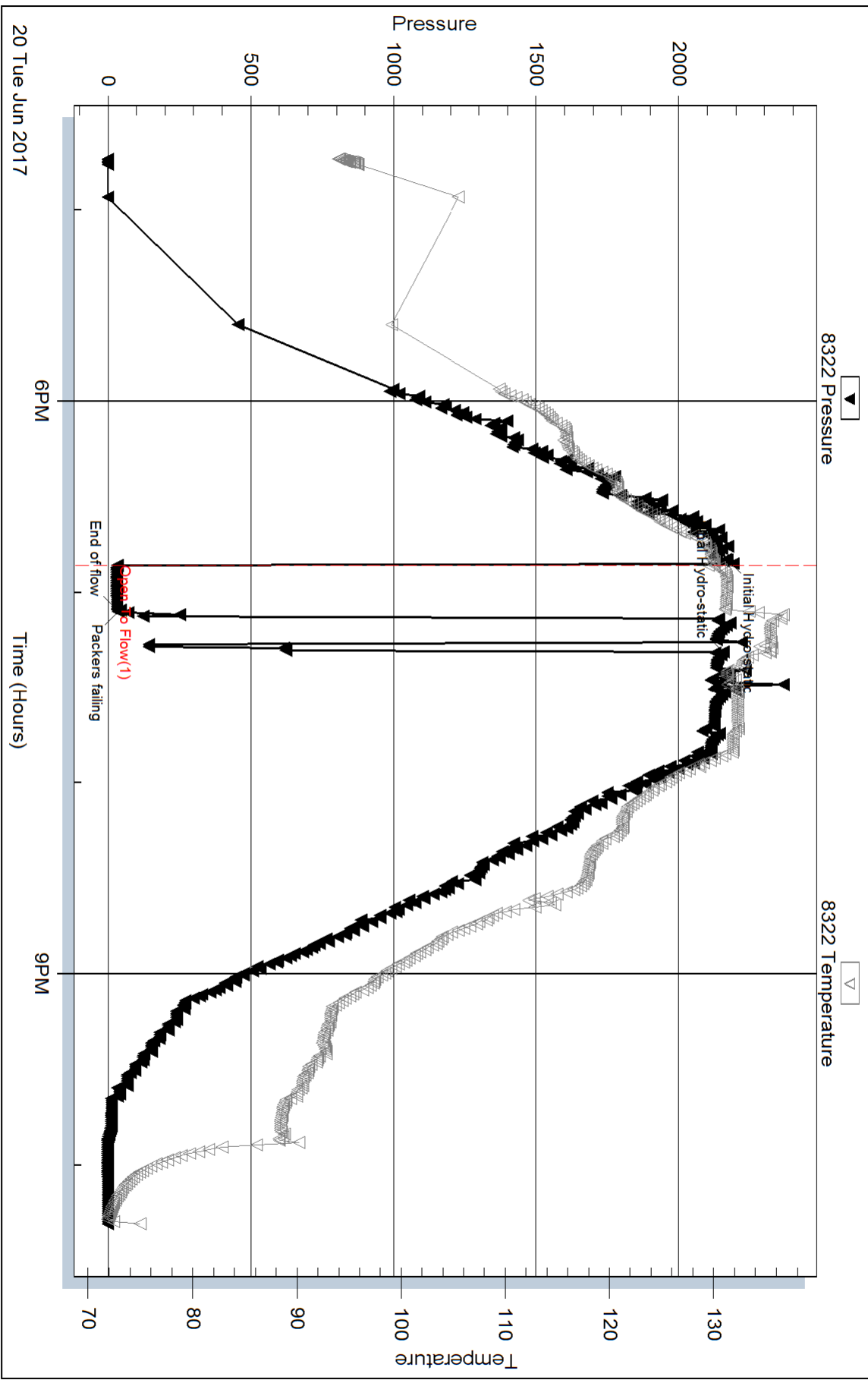
Inside

Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 5

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64180

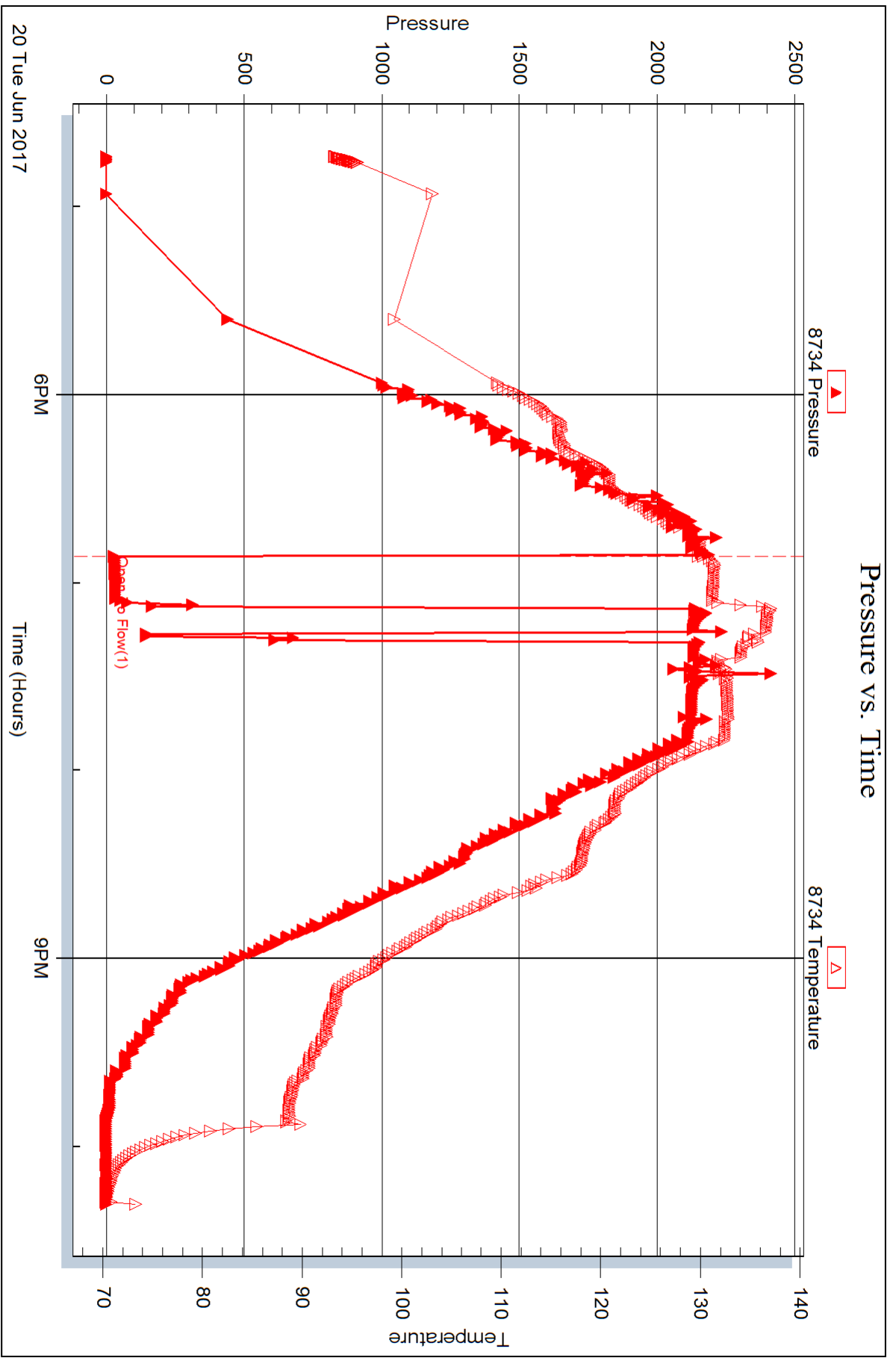
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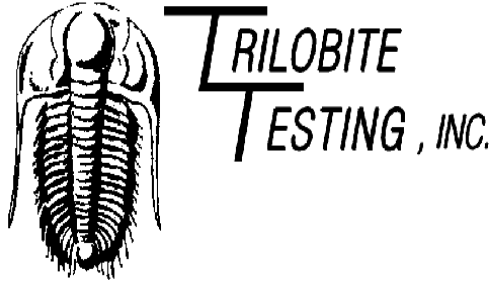
Serial #: 8734

Outside Brito Oil Company Inc

Carpenter "A" #1-23

DST Test Number: 5





## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206

ATTN: Saman Sharifaie

### **Carpenter "A" #1-23**

#### **23 -7S.-37W Sherman,KS**

Start Date: 2017.06.21 @ 17:19:00

End Date: 2017.06.22 @ 01:55:00

Job Ticket #: 64181                      DST #: 6

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

Printed: 2017.06.26 @ 09:24:04



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc  
 1223 N Rock RD  
 BLDG I STE 100  
 Wichita, KS 67206  
 ATTN: Saman Sharifaie

**23 -7S.-37W Sherman,KS**

**Carpenter "A" #1-23**

Job Ticket: 64181 **DST#: 6**

Test Start: 2017.06.21 @ 17:19:00

## GENERAL INFORMATION:

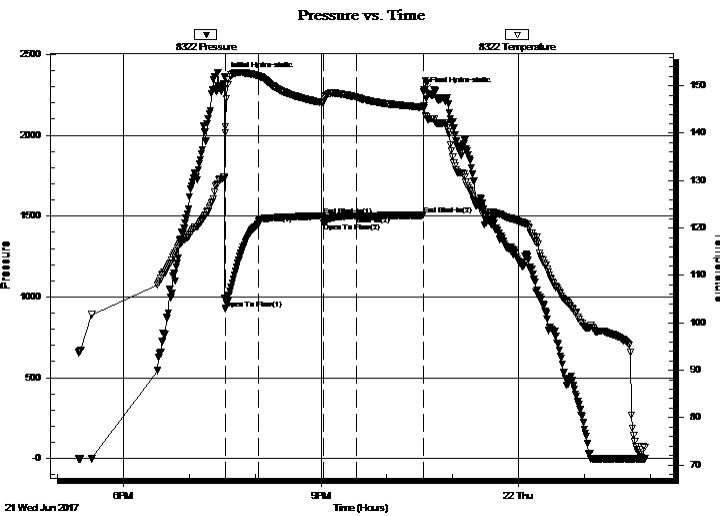
Formation: **Cherokee Ls**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 19:32:50 Tester: Martine Salinas  
 Time Test Ended: 01:55:00 Unit No: 82  
 Interval: **4736.00 ft (KB) To 4800.00 ft (KB) (TVD)** Reference Elevations: 3397.00 ft (KB)  
 Total Depth: 4280.00 ft (KB) (TVD) 3392.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

## Serial #: 8322

Inside

Press@RunDepth: 1501.31 psig @ 4737.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.06.21 End Date: 2017.06.22 Last Calib.: 2017.06.22  
 Start Time: 17:19:01 End Time: 01:55:00 Time On Btm: 2017.06.21 @ 19:31:40  
 Time Off Btm: 2017.06.21 @ 22:33:39

TEST COMMENT: 30-IF-BOB at 1 min  
 60-ISI-No blow  
 30-FF-BOB at 6 1/2 mins & died back to 9" at shut in  
 60-FSI-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2362.37	130.40	Initial Hydro-static
2	926.87	140.06	Open To Flow (1)
31	1449.56	152.03	Shut-In(1)
91	1500.44	146.42	End Shut-In(1)
91	1459.30	146.48	Open To Flow (2)
121	1501.31	147.56	Shut-In(2)
182	1505.43	145.48	End Shut-In(2)
182	2269.14	145.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2586.00	MSW 3%M, 97%W	34.41
471.00	MCW 33%M, 67%W	6.61

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64181

**DST#: 6**

Test Start: 2017.06.21 @ 17:19:00

## Tool Information

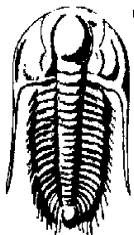
Drill Pipe:	Length: 4523.00 ft	Diameter: 3.80 inches	Volume: 63.45 bbl	Tool Weight: 2700.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 83000.00 lb
			<u>Total Volume: 64.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 72000.00 lb
Depth to Top Packer:	4736.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	97.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

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

Shut In Tool	5.00			4708.00	
Hydraulic tool	5.00			4713.00	
Jars	5.00			4718.00	
Safety Joint	3.00			4721.00	
Packer	5.00			4726.00	33.00 Bottom Of Top Packer
Packer	5.00			4731.00	64.00 Tool Interval
Packer	5.00			4736.00	
Stubb	1.00			4737.00	
Recorder	0.00	8322	Inside	4737.00	
Recorder	0.00	8734	Outside	4737.00	
Perforations	25.00			4762.00	
Change Over Sub	1.00			4763.00	
Drill Pipe	31.00			4794.00	
Change Over Sub	1.00			4795.00	
Bullnose	5.00			4800.00	1000096.00 Bottom Packers & Anchor

**Total Tool Length: 97.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64181      **DST#: 6**  
Test Start: 2017.06.21 @ 17:19:00

## 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:	81000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.95 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5200.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2586.00	MSW 3%M, 97%W	34.407
471.00	MCW 33%M, 67%W	6.607

Total Length: 3057.00 ft      Total Volume: 41.014 bbl

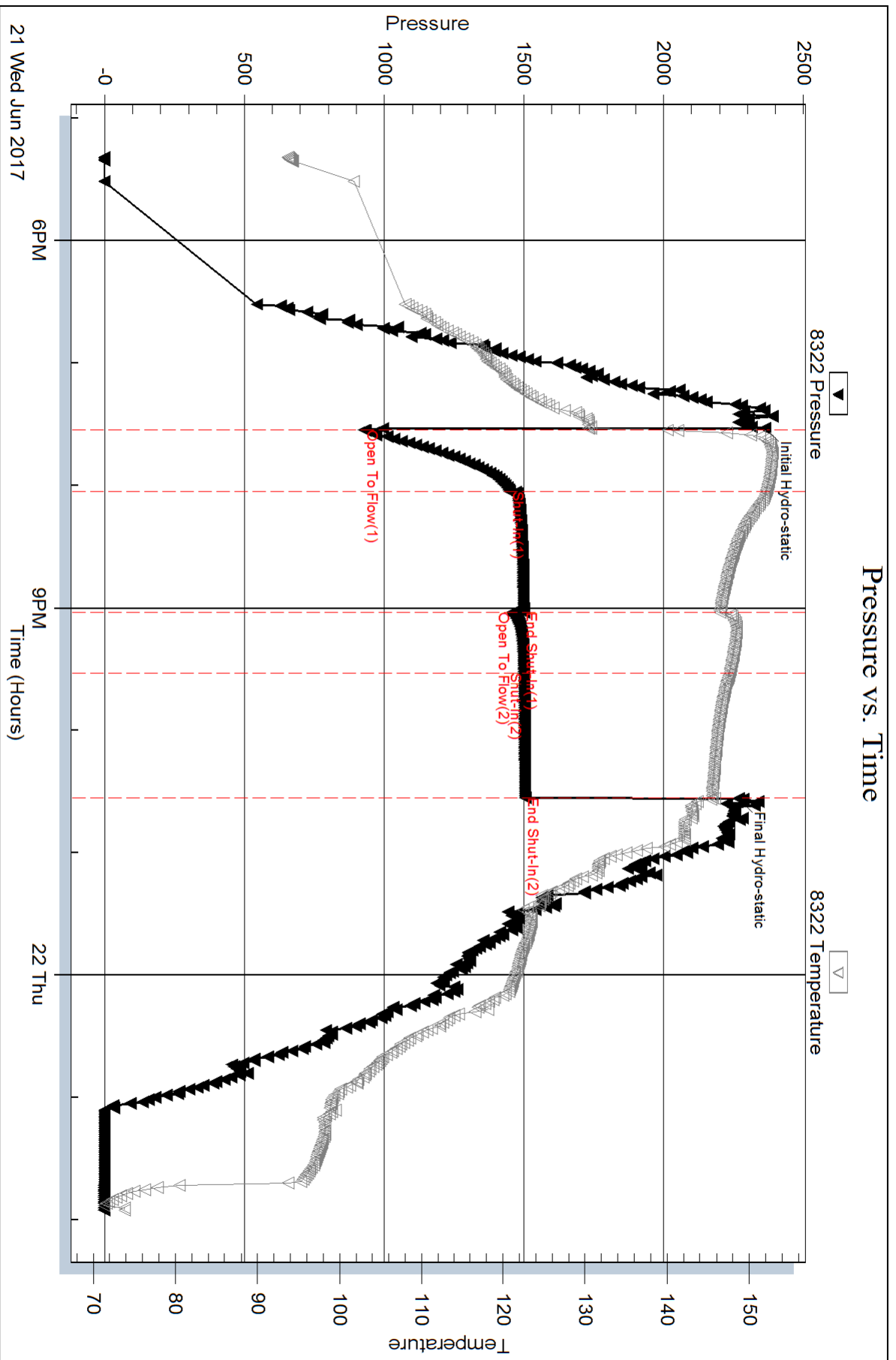
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: Shut in tool plugged with cuttings  
RW= .104@ 71.5 degs



### Pressure vs. Time



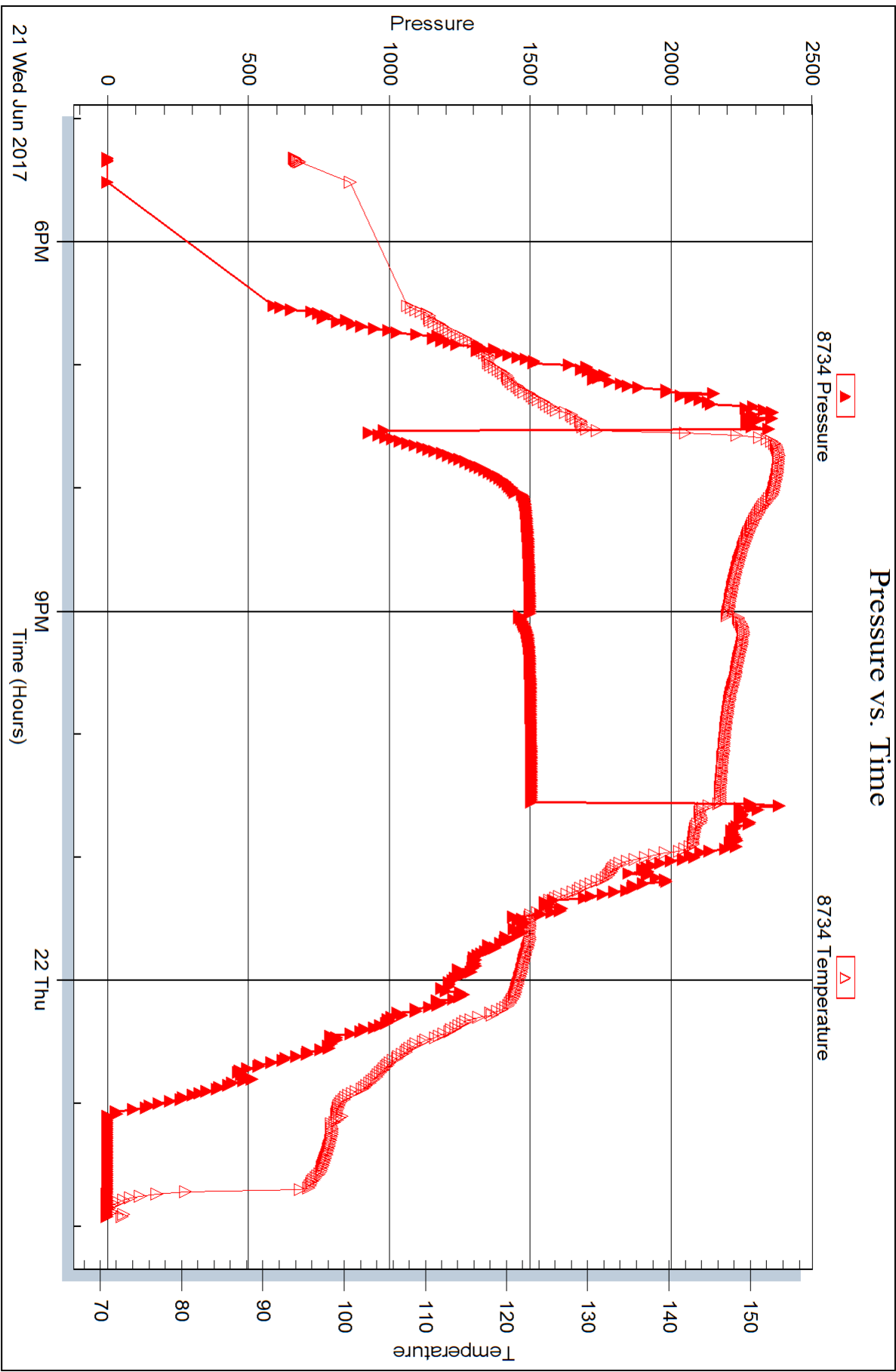
Serial #: 8734

Outside

Brilo Oil Company Inc

Carpenter "A" #1-23

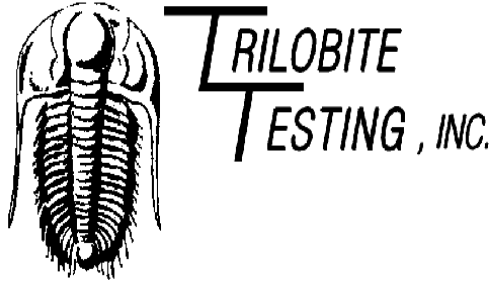
DST Test Number: 6



Triobite Testing, Inc

Ref. No: 64181

Printed: 2017.06.26 @ 09:24:05



## DRILL STEM TEST REPORT

Prepared For: **Brito Oil Company Inc**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206

ATTN: Saman Sharifaie

### **Carpenter "A" #1-23**

#### **23 -7S.-37W Sherman,KS**

Start Date: 2017.06.23 @ 09:28:00

End Date: 2017.06.23 @ 15:25:00

Job Ticket #: 64182                      DST #: 7

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

Printed: 2017.06.26 @ 09:23:31







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64182

**DST#: 7**

Test Start: 2017.06.23 @ 09:28:00

## Tool Information

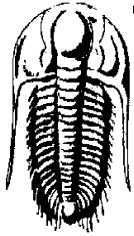
Drill Pipe:	Length: 4147.00 ft	Diameter: 3.80 inches	Volume: 58.17 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 205.00 ft	Diameter: 2.25 inches	Volume: 1.01 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4370.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	4455.00 ft			
Interval between Packers:	85.00 ft			
Tool Length:	670.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4347.00	
Hydraulic tool	5.00			4352.00	
Jars	5.00			4357.00	
Safety Joint	3.00			4360.00	
Packer	5.00			4365.00	28.00 Bottom Of Top Packer
Packer	5.00			4370.00	
Stubb	1.00			4371.00	
Perforations	10.00			4381.00	
Change Over Sub	1.00			4382.00	
Recorder	0.00	8322	Inside	4382.00	
Recorder	0.00	8734	Outside	4382.00	
Blank Spacing	62.00			4444.00	
Change Over Sub	1.00			4445.00	
Perforations	6.00			4451.00	
Blank Off Sub	1.00			4452.00	
Stubb	3.00			4455.00	85.00 Tool Interval
Packer	2.00			4457.00	
Recorder	0.00	8520	Below	4457.00	
Perforations	18.00			4475.00	
Change Over Sub	1.00			4476.00	
Blank Spacing	530.00			5006.00	
Change Over Sub	1.00			5007.00	
Bullnose	5.00			5012.00	557.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>670.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc

**23 -7S.-37W Sherman,KS**

1223 N Rock RD  
BLDG I STE 100  
Wichita, KS 67206  
ATTN: Saman Sharifaie

**Carpenter "A" #1-23**

Job Ticket: 64182      **DST#: 7**

Test Start: 2017.06.23 @ 09:28:00

## 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: bbl		
Water Loss: 9.57 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

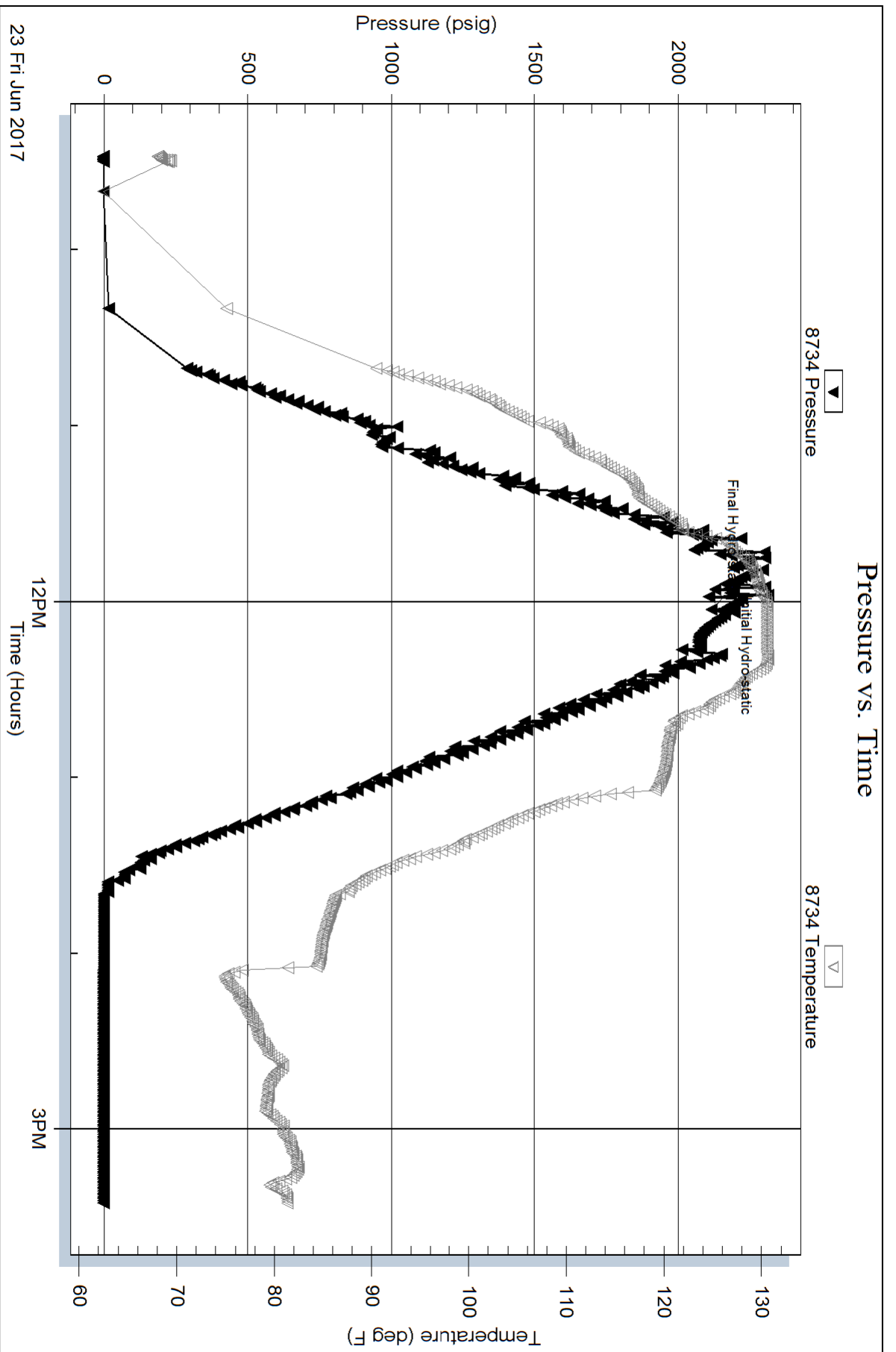
Length ft	Description	Volume bbl
250.00	Mud 100%	1.639

Total Length: 250.00 ft      Total Volume: 1.639 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:



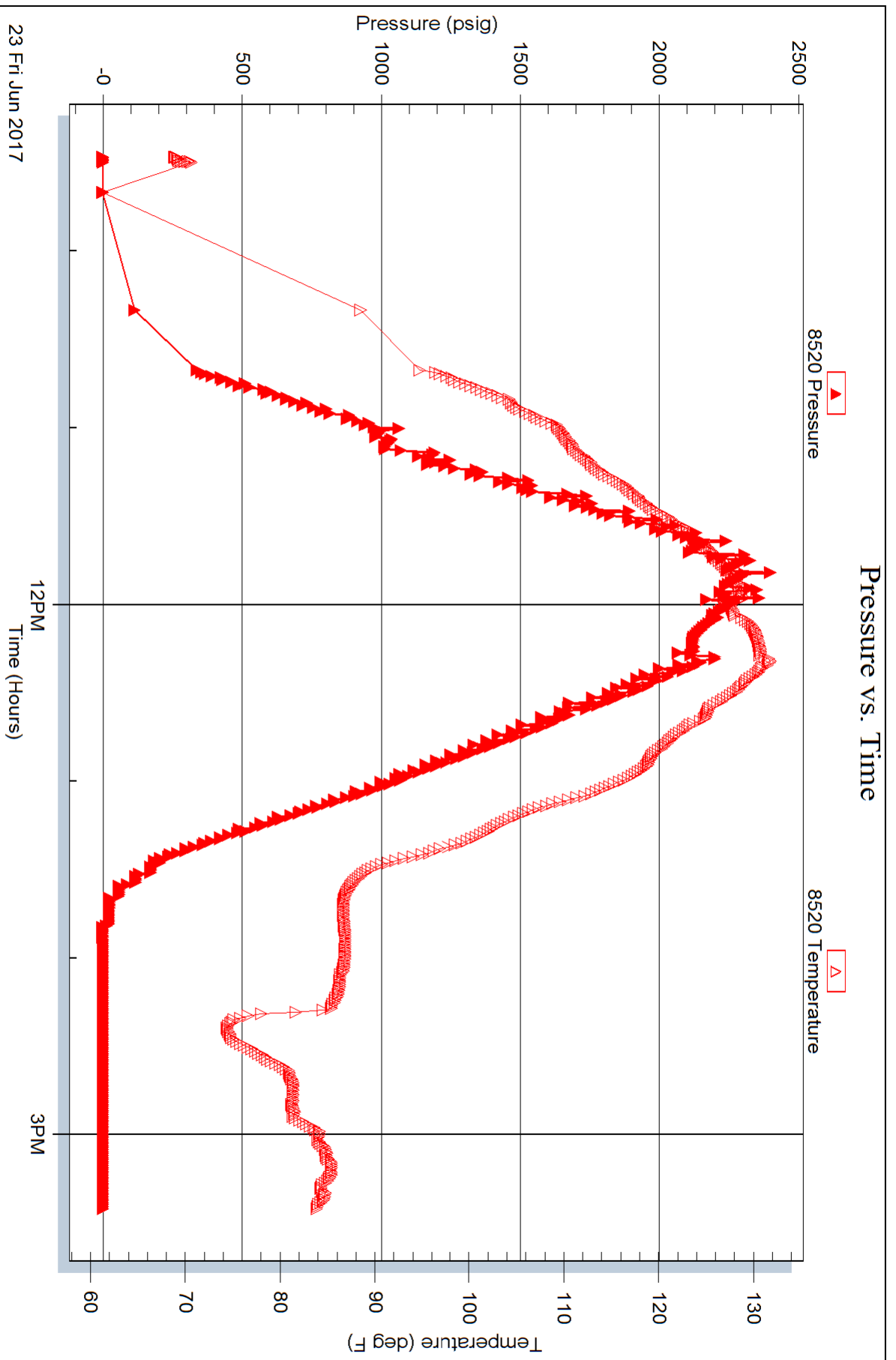


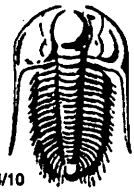
Serial #: 8520

Below (Stratified) Company Inc

Carpenter "A" #1-23

DST Test Number: 7





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64176

Well Name & No. Carpenter "A" #1-23 Test No. 1 Date 6-17-17  
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL  
 Address 1223 N. Rock Rd, Bldg 1 Ste 100, Wichita, KS 67206  
 Co. Rep / Geo. Saman Sharifaie Rig Murfin #3  
 Location: Sec. 23 Twp. 7S Rge. 37W Co. Sherman State KS

Interval Tested 4210 - 4280 Zone Tested Tacanto - LKC "A"  
 Anchor Length 70' Drill Pipe Run 4057 Mud Wt. 8.9  
 Top Packer Depth 4205 Drill Collars Run 147 Vis 59  
 Bottom Packer Depth 4210 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4280 Chlorides 2400 ppm System LCM 2H

Blow Description IF: S. blow built to B.O.B. (12 Inches) @ 4:40  
ISI: No blow  
FF: S. blow built to B.O.B (12 Inches) @ 6 mins  
FSI: No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>HWCM</u>		<u>38</u>	<u>62</u>	
<u>553</u>	<u>MSMV</u>		<u>98</u>	<u>2</u>	
<u>676</u>	<u>MCW</u>		<u>71</u>	<u>21</u>	
<u>0</u>	<u>Oil spots in hwl</u>				

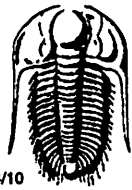
Rec Total 1259 BHT 136 Gravity \_\_\_\_\_ API RW 0.113 @ 63 °F Chlorides 82,500 ppm

(A) Initial Hydrostatic 2080  Test 1150 T-On Location 17:30 6-17-17  
 (B) First Initial Flow 145  Jars 250 T-Started 18:28  
 (C) First Final Flow 427  Safety Joint 75 T-Open 21:10  
 (D) Initial Shut-In 1281  Circ Sub \_\_\_\_\_ T-Pulled 00:10  
 (E) Second Initial Flow 435  Hourly Standby \_\_\_\_\_ T-Out 03:04 6-18-17  
 (F) Second Final Flow 654  Mileage 161RT 120.75  
 (G) Final Shut-In 1276  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2006  Straddle \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 60  Extra Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_  
 Final Shut-In 60  Day Standby \_\_\_\_\_  
 Sub Total 1595.75  Accessibility \_\_\_\_\_  
 Total 1595.75 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64177

Well Name & No. Carpenter "A" #1-23 Test No. 2 Date 6-19-17  
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL  
 Address 1223 N. Rock Rd, Bldg 1 Ste 100, Wichita, KS 67206  
 Co. Rep / Geo. Saman Sharifaic Rig Murfin #3  
 Location: Sec. 23 Twp. 7S Rge. 37W Co. Sherman State KS

Interval Tested 4390-4510 Zone Tested LKC "H-5"  
 Anchor Length 120' 78' T. pipe Drill Pipe Run 4182 Mud Wt. 9.2  
 Top Packer Depth 4385 - 4390 (Shale) Drill Collars Run 265 Vis 46  
 Bottom Packer Depth 4510 Wt. Pipe Run — WL 9.6  
 Total Depth 4588 Chlorides 6,000 ppm System LCM 1#

Blow Description IF - Packer failure, Dicked up & tried to re seat twice & lost fluid  
ISF - Mis run, pull tool  
~~IF -~~  
~~ISF -~~

Rec	Feet of	%gas	%oil	%water	%mud
<u>443</u>	<u>WSM</u>		<u>3</u>	<u>97</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 443 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

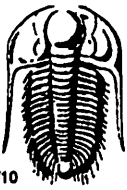
- (A) Initial Hydrostatic \_\_\_\_\_
  - (B) First Initial Flow \_\_\_\_\_
  - (C) First Final Flow \_\_\_\_\_
  - (D) Initial Shut-In \_\_\_\_\_
  - (E) Second Initial Flow \_\_\_\_\_
  - (F) Second Final Flow \_\_\_\_\_
  - (G) Final Shut-In \_\_\_\_\_
  - (H) Final Hydrostatic \_\_\_\_\_
- Initial Open \_\_\_\_\_  
 Initial Shut-In \_\_\_\_\_  
 Final Flow \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_

- Test 950
- Jars 250
- Safety Joint 75
- Circ Sub \_\_\_\_\_
- Hourly Standby \_\_\_\_\_
- Mileage 161 Rt 120.75
- Sampler \_\_\_\_\_
- Straddle 600
- Shale Packer \_\_\_\_\_
- Extra Packer \_\_\_\_\_
- Extra Recorder \_\_\_\_\_
- Day Standby \_\_\_\_\_
- Accessibility \_\_\_\_\_
- Sub Total 1995.75

- T-On Location 11:30
- T-Started 13:05
- T-Open 15:19
- T-Pulled 15:30
- T-Out 17:52
- Comments \_\_\_\_\_
- Ruined Shale Packer \_\_\_\_\_
- Ruined Packer \_\_\_\_\_
- Extra Copies \_\_\_\_\_
- Sub Total 0
- Total 1995.75
- MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64178

Well Name & No. Carpenter "A" #1-23 Test No. 3 Date 6-19-17  
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL  
 Address 1723 N Rock Rd, Bldg 1 Ste 100, Wichita, KS 67206  
 Co. Rep / Geo. Saman Sharifaie Rig Muffin #3  
 Location: Sec. 23 Twp. 7S Rge. 37W Co. Sherman State KS

Interval Tested 4430 - 4510 Zone Tested LKC "I-5"  
 Anchor Length 80' 78' T. pipe Drill Pipe Run 4270 Mud Wt. 9.2  
 Top Packer Depth 4425 - 4430 (shale) Drill Collars Run 205 Vis 46  
 Bottom Packer Depth 4510 Wt. Pipe Run - WL 9.6  
 Total Depth 4588 Chlorides 6000 ppm System LCM 1H

Blow Description IF. Packer failure, picked up & tried to re-seat last fluid  
IS. Mis-run, pull tool  
~~IF.~~  
~~FSI.~~

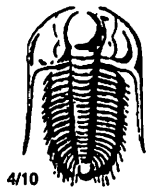
Rec	Feet of	%gas	%oil	%water	%mud
<u>405</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 405 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test 950 T-On Location 17:52  
 (B) First Initial Flow \_\_\_\_\_  Jars 250 T-Started 18:35  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 T-Open 20:41  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 20:46  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 23:43  
 (F) Second Final Flow \_\_\_\_\_  Mileage 161 RT Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle 600  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Initial Open \_\_\_\_\_  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In \_\_\_\_\_  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow \_\_\_\_\_  Day Standby \_\_\_\_\_ Total 1875  
 Final Shut-In \_\_\_\_\_  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1875

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64179

Well Name & No. Carpenter "A" #1-23 Test No. 4 Date 6-20-17  
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL  
 Address 1223 N. Rock Rd, BLDG 1 STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Samir Sharifais Rig Murfin #3  
 Location: Sec. 23 Twp. 7S Rge. 37W Co. Sherman State KS

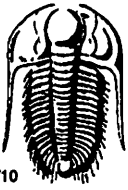
Interval Tested 4551-4640 Zone Tested Altament  
 Anchor Length 89' Drill Pipe Run ~~4536~~ 4536 Mud Wt. 8.7  
 Top Packer Depth 4546 Drill Collars Run 205 Vis 49  
 Bottom Packer Depth 4551 Wt. Pipe Run — WL —  
 Total Depth 4640 Chlorides \_\_\_\_\_ ppm System LCM \_\_\_\_\_

Blow Description ISF - Packer failure, Picked up & tried to re-seat twice lost fluid  
ISF - mis-run, pull tool  
FF -  
ESD -

Rec	Feet of	%gas	%oil	%water	%mud
<u>288</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total <u>288</u>	BHT _____	Gravity _____	API RW: _____	@ _____ °F	Chlorides _____ ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test 950 T-On Location 10:31  
 (B) First Initial Flow \_\_\_\_\_  Jars 250 T-Started 10:57  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 T-Open 12:49  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 12:55  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 15:41  
 (F) Second Final Flow \_\_\_\_\_  Mileage 161 RT 120.75  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  
 Initial Open \_\_\_\_\_  Shale Packer \_\_\_\_\_  
 Initial Shut-In \_\_\_\_\_  Extra Packer \_\_\_\_\_  
 Final Flow \_\_\_\_\_  Extra Recorder \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_  Day Standby \_\_\_\_\_  
 Sub Total 1395.75  Accessibility \_\_\_\_\_  
 Sub Total 1395.75 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Mark Salter  
 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. 64180

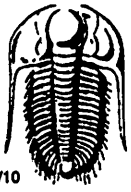
Well Name & No. Carpenter "A" #1-23 Test No. 5 Date 6-20-17  
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL  
 Address 1223 N Rock Rd, Bldg 1 STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Samen Sherifae Rig Murfin #3  
 Location: Sec. 23 Twp. 7S. Rge. 37W. Co. Sherman State KS

Interval Tested 4560 - 4640 Zone Tested Altament  
 Anchor Length 80' Drill Pipe Run 4336 Mud Wt. 8.7  
 Top Packer Depth 4550 - 4555 (shale) Drill Collars Run 205 Vis 49  
 Bottom Packer Depth 4560 (shale) Wt. Pipe Run --- WL 7.2  
 Total Depth 4640 Chlorides 5000 ppm System LCM 2#  
 Blow Description IF - S. blow built to 3/4" @ 15 min & lost fluid picked up and re-seated  
IF - lost fluid, packer failure, mis-run, pull tool  
~~IF~~  
~~FF~~  
 FSI

Rec	Feet of	%gas	%oil	%water	%mud
<u>493</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec Total <u>493</u>	BHT	Gravity	API RW	@	F Chlorides ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test 950 T-On Location 15:41  
 (B) First Initial Flow \_\_\_\_\_  Jars 250 T-Started 16:44  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 T-Open 18:51  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 19:20  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 22:18  
 (F) Second Final Flow \_\_\_\_\_  Mileage 161 Rt 120.75 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  Ruined Shale Packer 350  
 \_\_\_\_\_  Shale Packer 500  Ruined Packer \_\_\_\_\_  
 \_\_\_\_\_  Extra Packer (Shale)  Extra Copies \_\_\_\_\_  
 Initial Open \_\_\_\_\_  Extra Recorder \_\_\_\_\_ Sub Total 350  
 Initial Shut-In \_\_\_\_\_  Day Standby \_\_\_\_\_ Total 2245.75  
 Final Flow \_\_\_\_\_  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_ Sub Total 1895.75

Approved By \_\_\_\_\_ Our Representative Mark Johnson  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64181

Well Name & No. Carpenter "A" #1-23 Test No. 6 Date 6-21-17  
 Company Brito Oil Company Inc Elevation 3397 KB 3392 GL  
 Address 1223 N. Rock Rd, BLDG 1 STE 100, Wichita, KS 67206  
 Co. Rep / Geo. Saman Sharifae Rig Murbin #3  
 Location: Sec. 23 Twp. 7S. Rge. 37W. Co. Sherman State KS

Interval Tested 4736 - 4800 Zone Tested Cherokee LS  
 Anchor Length 64' Drill Pipe Run 4523 Mud Wt. 9.0  
 Top Packer Depth 4726 - 4731 (shale) Drill Collars Run 205 Vis 51  
 Bottom Packer Depth 4736 (shale) Wt. Pipe Run — WL 8.0  
 Total Depth 4800 Chlorides 5200 ppm System LCM 3H  
 Blow Description FF - S. blow built to B.O.B (12 inches) @ 1/min  
ISI - No blow  
FF - S. blow built to B.O.B (12 inches) @ 6 1/2 mins & died back to 9" @ shut in  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2586</u>	<u>MSW</u>		<u>97</u>	<u>3</u>	
<u>471</u>	<u>MCW</u>		<u>67</u>	<u>33</u>	
<u>0</u>	<u>Shut in tool plugged with</u>				
	<u>Cuttings</u>				

Rec Total 3057 BHT 146 Gravity — API RW 104 @ 71.5 °F Chlorides 81,000 ppm

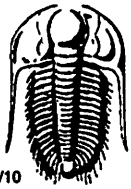
(A) Initial Hydrostatic 2362  Test 1150 T-On Location 16:25  
 (B) First Initial Flow 927  Jars 250 T-Started 17:19  
 (C) First Final Flow 1450  Safety Joint 75 T-Open 19:32  
 (D) Initial Shut-In 1500  Circ Sub — T-Pulled 22:32  
 (E) Second Initial Flow 1459  Hourly Standby — T-Out 01:56  
 (F) Second Final Flow 1501  Mileage 161RT 120.75  
 (G) Final Shut-In 1505  Sampler —  
 (H) Final Hydrostatic 2269  Straddle —  
 Shale Packer 500  
 Extra Packer Shale  
 Extra Recorder —  
 Day Standby —  
 Accessibility —

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 60

Sub Total 2095.75

Comments —  
 Ruined Shale Packer —  
 Ruined Packer —  
 Extra Copies —  
 Sub Total 0  
 Total 2095.75  
 MP/DST Disc't —

Approved By \_\_\_\_\_ Our Representative [Signature]  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64182

Well Name & No. Carpenter A 1-23 Test No. 7 Date 6-23-17  
 Company Bravo Oil Co. Inc Elevation 3397 KB 3392 GL  
 Address 1223 N. Rock Rd Bldg. 1 Ste 100 Wichita KS 67206  
 Co. Rep / Geo. JAMAN SHARIFAE J Rig MURFIN 3  
 Location: Sec. 23 Twp. 7<sup>s</sup> Rge. 37<sup>w</sup> Co. Sherman State KS

Interval Tested 4370-4455 Zone Tested LKC "J"  
 Anchor Length 85 Drill Pipe Run 4147 Mud Wt. 9.1  
 Top Packer Depth 4370 Drill Collars Run 205 Vis 58  
 Bottom Packer Depth 4455 Wt. Pipe Run 0 WL 9.6  
 Total Depth 5012 Log TD Chlorides 6000 ppm System LCM 2

Blow Description \_\_\_\_\_  
 \_\_\_\_\_  
Packer Failure

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>250</u>	Feet of <u>MUD</u>				
Rec _____	Feet of _____				
Rec _____	Feet of _____				
Rec _____	Feet of _____				

Rec Total 250 BHT 120 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2163  Test 1050 T-On Location 6:30  
 (B) First Initial Flow \_\_\_\_\_  Jars 250 T-Started 9:28  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 T-Open 11:55  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 12:00  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 015:25  
 (F) Second Final Flow \_\_\_\_\_  Mileage 120.75 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2116  Straddle 600  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer X3 750  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open \_\_\_\_\_  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In Miss Run  Day Standby \_\_\_\_\_ Total 2845.75  
 Final Flow \_\_\_\_\_  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In Miss Run Sub Total 2845.75

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.