





1269607

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

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				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

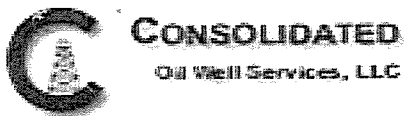
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Daniels 1
Doc ID	1269607

Tops

Name	Top	Datum
Anhy.	2164	(+843)
Base Anhy.	2179	(+828)
Heebner	3878	(-871)
Lansing	3924	(-917)
Stark	4257	(-1250)
BKC	4387	(-1380)
Marmaton	4411	(-1404)
Pawnee	4499	(-1492)
Ft. Scott	4527	(-1520)
Cherokee Sh.	4539	(-1532)
Miss.	4799	(-1792)
LTD	4900	(-1893)



REMIT TO  
 Consolidated Oil Well Services, LLC  
 Dept:970  
 P.O.Box 4346  
 Houston, TX 77210-4346

RECEIVED  
 OCT 05 2015

MAIN OFFICE  
 P.O.Box884  
 Chanute, KS 66720  
 620/431-9210, 1-800/467-8676  
 Fax 620/431-0012

Invoice Invoice# 805891

Invoice Date: 09/30/15 Terms: Net 30 Page 1

PALOMINO PETROLEUM, INC.  
 4924 SE 84TH STREET DANIELS #1  
 NEWTON KS 67114-8827  
 USA

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	30.000	1,050.00
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	7.1500	30.000	250.25
CE0710	Cement Delivery Charge	1.000	678.5600	30.000	474.99
CC5871	Surface Blend II, 2% Gel/3% CaCl	165.000	23.0000	30.000	2,656.50
Subtotal					6,331.06
Discounted Amount					1,899.32
SubTotal After Discount					4,431.74

Amount Due 6,653.64 If paid after 10/30/15

Tax: 225.80  
 Total: 4,657.54



**CONSOLIDATED**  
Well Services, LLC

4368

4263

TICKET NUMBER 49583

LOCATION Oakley, KS

FOREMAN Holly Gabel

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

Invoice # 805891

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-30-15	6285	Daniels #1	26	20	34W	Scott
CUSTOMER			TRUCK #			
Palamino			731			
MAILING ADDRESS			566			
CITY			640			
STATE			DRIVER			
ZIP CODE			Jeremy			
			MICHAEL			
			DRIVER			

JOB TYPE	HOLE SIZE	HOLE DEPTH	CASING SIZE & WEIGHT
Surface	12 1/4	218	8 5/8 24#
CASING DEPTH	DRILL PIPE	TUBING	OTHER
218			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING
148			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE
12 1/2			

REMARKS: Safety meeting, rigged up on 104W #10, broke circulation mixed 165 SKS com 30%cc 29%gel, displaced with 12 1/2 bbl water, shut in.

Cement did circulate

Approx 5bbl to pit

J. Lamb  
J. Lamb

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	50	MILEAGE	7.15	357.50
CE0710	2.26	Ton mileage delivery	175.00	678.56
CC587	165 SKS	surface blend II	23.00	3795.00
			Sub	6331.00
			Less 30% PD	1899.33
			Total	4431.67
			SALES TAX	225.80
			ESTIMATED TOTAL	4657.47

Ravin 3737

AUTHORIZATION Rich TITLE \_\_\_\_\_ DATE 9-30-15

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.



**CONSOLIDATED**  
Oil Well Services, LLC

REMIT TO  
Consolidated Oil Well Services, LLC  
Dept:970  
P.O.Box 4346  
Houston, TX 77210-4346

RECEIVED

OCT 17 2015

MAIN OFFICE

P.O.Box884  
Chanute,KS 66720  
620/431-9210,1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

806044

Invoice Date: 10/14/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET  
NEWTON KS 67114-8827  
USA

Daniels #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	30.000	1,050.00
CE0002	Equipment Mileage Charge - Heavy Equipment	50.000	7.1500	30.000	250.25
CE0710	Cement Delivery Charge	1.000	1,015.8800	30.000	711.12
CC5829	Lite-Weight Blend V (60:40:4)	270.000	16.0000	30.000	3,024.00
CC6075	Celloflake	68.000	2.0000	30.000	95.20
CP8228	8 5/8" Wooden Plug	1.000	165.0000	30.000	115.50

Subtotal 7,494.38

Discounted Amount 2,248.31

SubTotal After Discount 5,246.07

Amount Due 7,887.17 If paid after 11/13/15

Tax: 274.95

Total: 5,521.02

3pm

5:45pm



**CONSOLIDATED**  
Oil Well Services, LLC

4483

4386

Invoice #806044

TICKET NUMBER 49513

LOCATION Oakley, KS

FOREMAN Jerry

PO Box 834, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-12-15	6285	Daniels #1	26	20S	34W	Scott
CUSTOMER			TRUCK#			
Mailing Address			DRIVER			
CITY			TRUCK#			
STATE			DRIVER			
ZIP CODE			TRUCK#			

CUSTOMER: Palomino  
 Mailing Address: South to 40 E to Cherokee St to flags E & N into  
 CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_  
 JOB TYPE: Plug HOLE SIZE: 7 7/8 HOLE DEPTH: 4870 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: Softly meeting string up on WW10 plug as ordered with 270sk  
Lite blend V 1/4" flo seal  
80 sks @ 2220'  
40 sks @ 1260'  
50 sks @ 660'  
20 sks @ 240'  
20 sks @ 40' with 8 7/8 wiper plug  
30 sks RH  
 Thank you  
 Jerry & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	50	MILEAGE	7.15	357.50
CE0710	11.61	ton mileage delivery	1.75	1015.88
CC5829	270 sks	Lite blend V	16.00	4320.00
CC6075	68 #	flo seal	2.00	136.00
CP8228	1	8 7/8 wooden plug	165.00	165.00
			Subtotal	7494.38
			-30%	2248.31
			Subtotal	5246.07
			SALES TAX	271.95
			ESTIMATED TOTAL	5518.02

Ravin 3737  
 AUTHORIZATION: [Signature] TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

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

## TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a "claim") for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research, analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

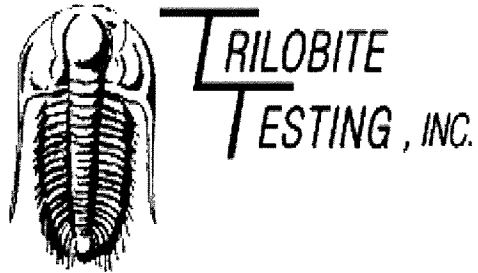
(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further, agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS' liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Daniels #1**

### **26-20s-34w Scott,KS**

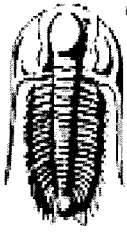
Start Date: 2015.10.08 @ 14:57:47

End Date: 2015.10.08 @ 20:16:17

Job Ticket #: 61776                      DST #: 1

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

Printed: 2015.10.12 @ 13:31:22



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 SE 84th St  
 Newton, KS 67114  
 ATTN: Ryan Seib

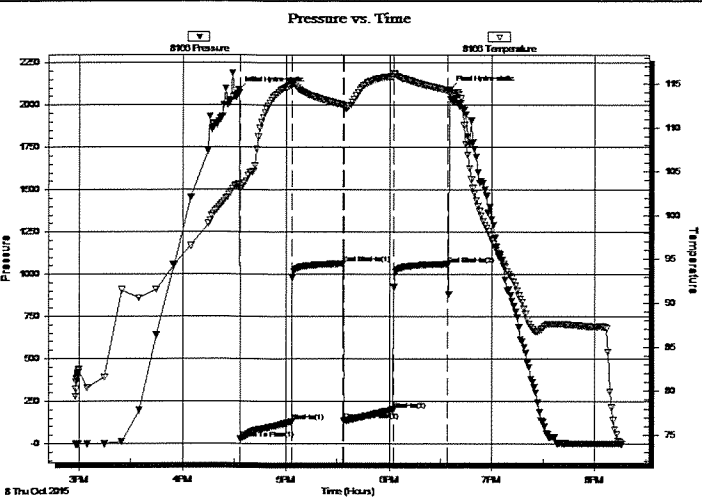
**26-20s-34w Scott, KS**  
**Daniels #1**  
 Job Ticket: 61776      **DST#: 1**  
 Test Start: 2015.10.08 @ 14:57:47

## GENERAL INFORMATION:

Formation: **LKC I**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:33:17  
 Time Test Ended: 20:16:17  
 Interval: **4160.00 ft (KB) To 4204.00 ft (KB) (TVD)**  
 Total Depth: 4204.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brandon Turley  
 Unit No: 79  
 Reference Elevations: 3007.00 ft (KB)  
 3003.00 ft (CF)  
 KB to GR/CF: 4.00 ft

**Serial #: 8166      Outside**  
 Press@RunDepth: 201.96 psig @ 4161.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2015.10.08      End Date: 2015.10.08      Last Calib.: 2015.10.08  
 Start Time: 14:57:52      End Time: 20:16:16      Time On Btm: 2015.10.08 @ 16:32:17  
 Time Off Btm: 2015.10.08 @ 18:35:17

TEST COMMENT: IF: BOB in 20 min.  
 IS: No return.  
 FF: BOB in 23 min.  
 FS: No return.

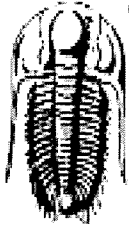


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2088.49	103.56	Initial Hydro-static
1	26.91	103.02	Open To Flow (1)
31	128.90	114.84	Shut-In(1)
61	1061.97	112.61	End Shut-In(1)
62	134.74	112.28	Open To Flow (2)
90	201.96	115.87	Shut-In(2)
122	1060.19	114.27	End Shut-In(2)
123	2090.19	114.32	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
186.00	mcw 95%w 5%m	1.52
226.00	w cm 30%w 60%m	3.17
0.00	10ppm H2S	0.00

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**26-20s-34w Scott,KS**

4924 SE 84th St  
New ton,KS 67114

**Daniels #1**

Job Ticket: 61776

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2015.10.08 @ 14:57:47

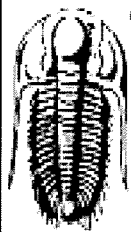
### Tool Information

Drill Pipe:	Length: 4044.00 ft	Diameter: 3.80 inches	Volume: 56.73 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 57.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4160.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	44.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4134.00	
Shut In Tool	5.00			4139.00	
Hydraulic tool	5.00			4144.00	
Jars	5.00			4149.00	
Safety Joint	2.00			4151.00	
Packer	5.00			4156.00	27.00 Bottom Of Top Packer
Packer	4.00			4160.00	
Stubb	1.00			4161.00	
Recorder	0.00	8373	Inside	4161.00	
Recorder	0.00	8166	Outside	4161.00	
Perforations	5.00			4166.00	
Change Over Sub	1.00			4167.00	
Drill Pipe	31.00			4198.00	
Change Over Sub	1.00			4199.00	
Bullnose	5.00			4204.00	44.00 Bottom Packers & Anchor

**Total Tool Length: 71.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**26-20s-34w Scott,KS**

4924 SE 84th St  
New ton,KS 67114

**Daniels #1**

Job Ticket: 61776

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2015.10.08 @ 14:57:47

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	31000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3400.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	mcw 95%w 5%m	1.516
226.00	w cm 30%w 60%m	3.170
0.00	10ppm H2S	0.000

Total Length: 412.00 ft      Total Volume: 4.686 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

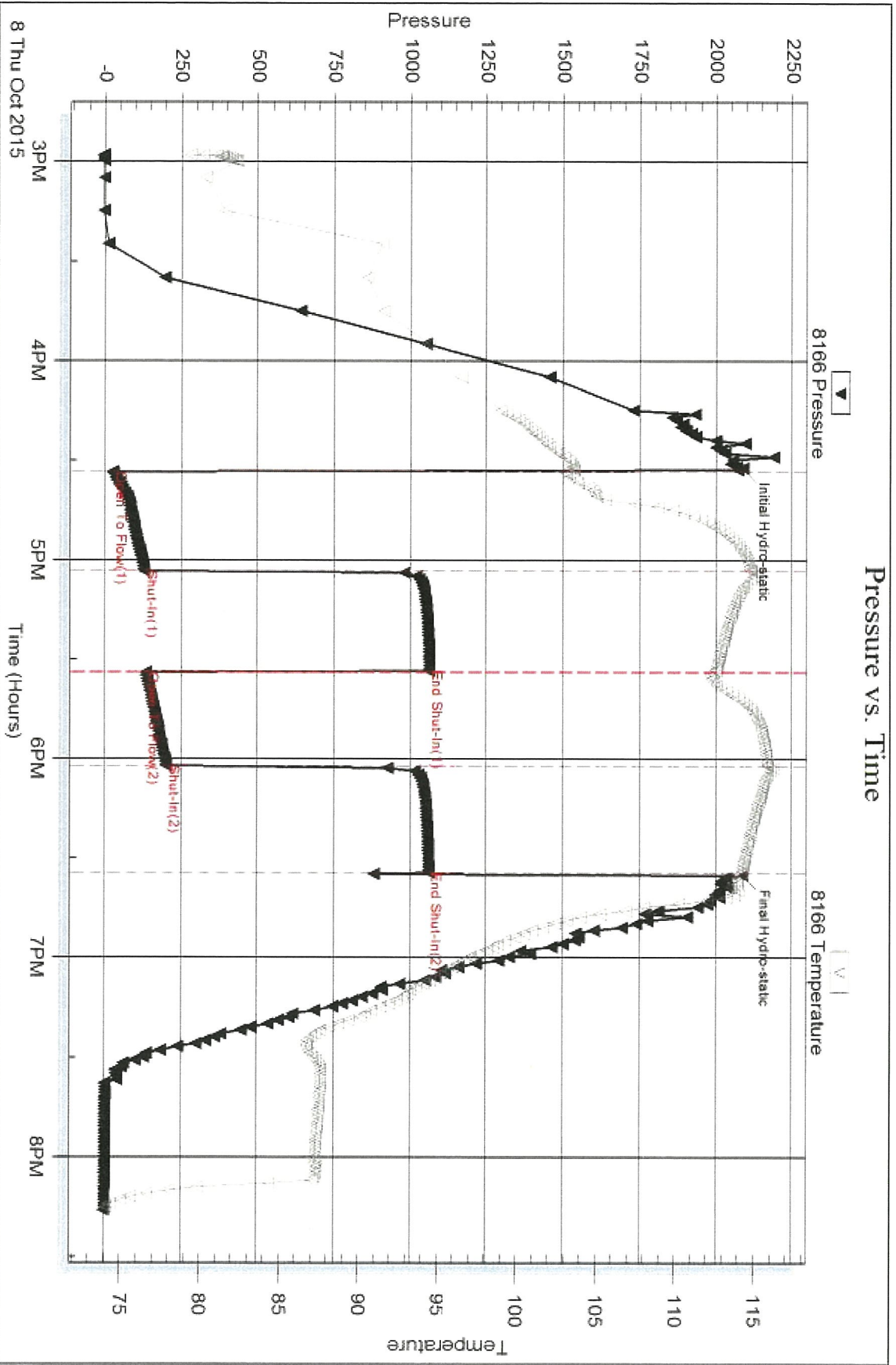
Recovery Comments: .20@82=31000

Serial #: 8166

Outside Palomino Petroleum

Daniels #1

DST Test Number: 1



Trioble Testing, Inc

Ref. No: 61776

Printed: 2015 10 12 @ 13:31:24

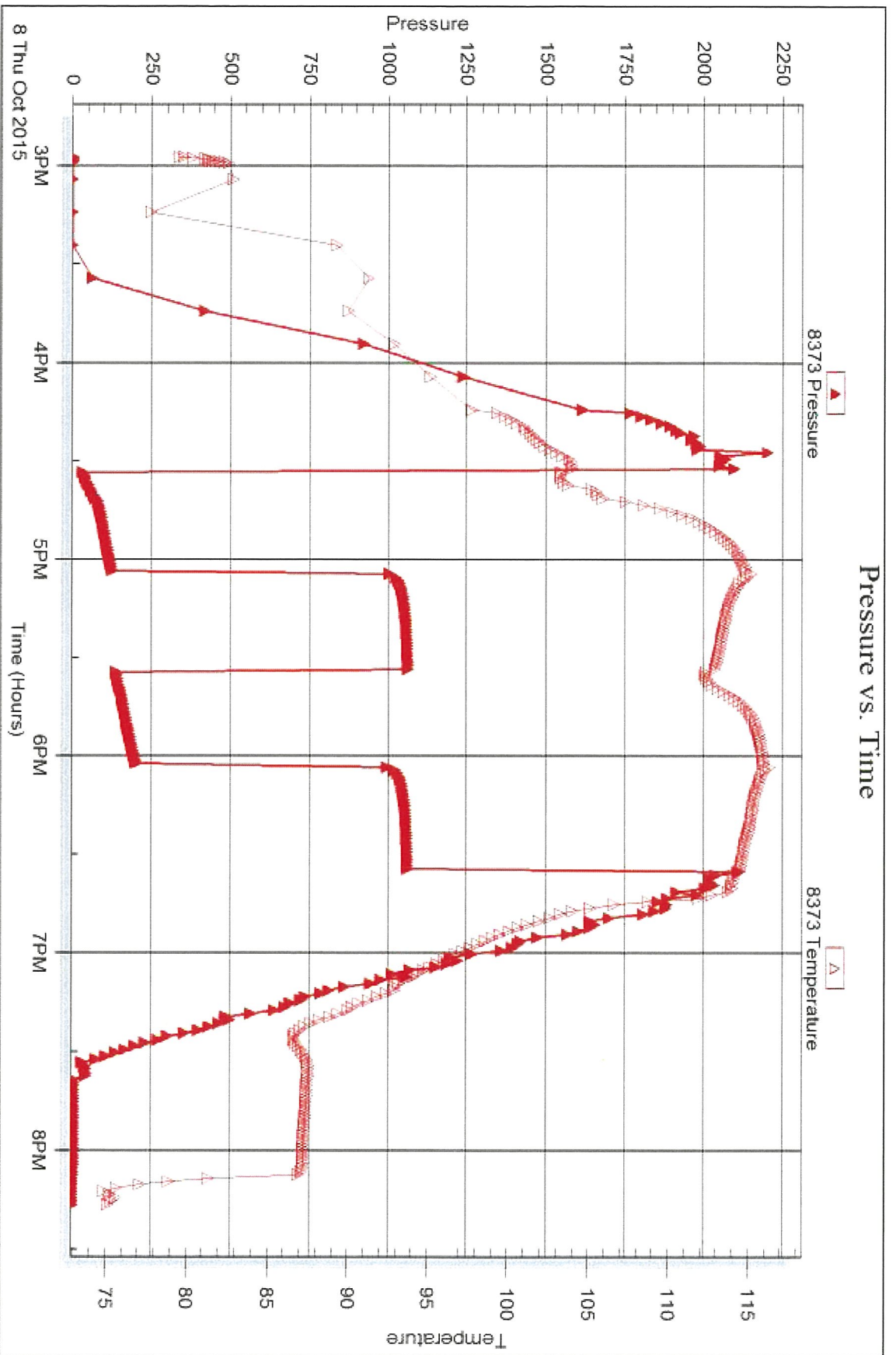
Serial #: 8373

Inside

Palomino Petroleum

Daniel's #1

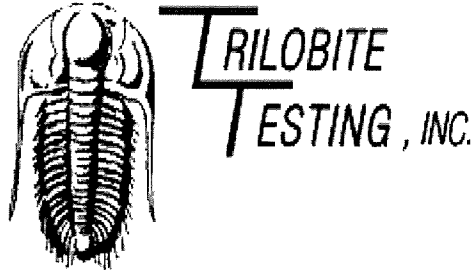
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 61776

Printed: 2015 10 12 @ 13:31:24



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Daniels #1**

#### **26-20s-34w Scott,KS**

Start Date: 2015.10.09 @ 19:05:21

End Date: 2015.10.10 @ 00:23:21

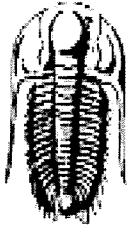
Job Ticket #: 61777                      DST #: 2

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

Printed: 2015.10.12 @ 13:30:34

Palomino Petroleum    26-20s-34w Scott,KS    Daniels #1    DST # 2    Marmaton    2015.10.09





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum

26-20s-34w Scott,KS

4924 SE 84th St  
New ton,KS 67114

**Daniels #1**

Job Ticket: 61777

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2015.10.09 @ 19:05:21

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:50:51

Time Test Ended: 00:23:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4378.00 ft (KB) To 4490.00 ft (KB) (TVD)

Total Depth: 4490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3007.00 ft (KB)

3003.00 ft (CF)

KB to GR/CF: 4.00 ft

**Serial #: 8166** Outside

Press@RunDepth: 37.13 psig @ 4379.00 ft (KB)

Start Date: 2015.10.09

End Date:

2015.10.10

Capacity: 8000.00 psig

Last Calib.: 2015.10.10

Start Time: 19:05:26

End Time:

00:23:20

Time On Btm: 2015.10.09 @ 20:50:21

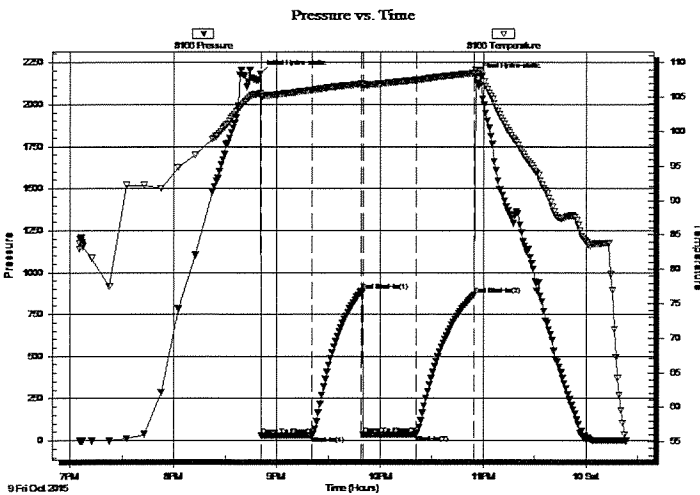
Time Off Btm: 2015.10.09 @ 22:55:21

TEST COMMENT: IF: 1/4" blow died in 8 min.

IS: No return.

FF: No blow .

FS: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.40	105.53	Initial Hydro-static
1	30.03	105.01	Open To Flow (1)
31	31.05	106.02	Shut-In(1)
59	886.27	106.91	End Shut-In(1)
60	34.70	106.70	Open To Flow (2)
91	37.13	107.47	Shut-In(2)
124	864.26	108.46	End Shut-In(2)
125	2164.85	108.97	Final Hydro-static

## Recovery

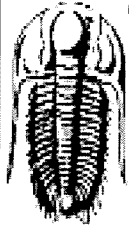
Length (ft)	Description	Volume (bbl)
10.00	mud 100% <sub>m</sub>	0.05

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**26-20s-34w Scott,KS**

4924 SE 84th St  
New ton,KS 67114

**Daniels #1**

Job Ticket: 61777

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2015.10.09 @ 19:05:21

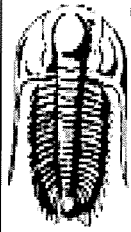
### Tool Information

Drill Pipe:	Length: 4262.00 ft	Diameter: 3.80 inches	Volume: 59.78 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 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: 60.37 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4378.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	112.00 ft			
Tool Length:	139.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4352.00	
Shut In Tool	5.00			4357.00	
Hydraulic tool	5.00			4362.00	
Jars	5.00			4367.00	
Safety Joint	2.00			4369.00	
Packer	5.00			4374.00	27.00 Bottom Of Top Packer
Packer	4.00			4378.00	
Stubb	1.00			4379.00	
Recorder	0.00	8373	Inside	4379.00	
Recorder	0.00	8166	Outside	4379.00	
Perforations	9.00			4388.00	
Change Over Sub	1.00			4389.00	
Drill Pipe	95.00			4484.00	
Change Over Sub	1.00			4485.00	
Bullnose	5.00			4490.00	112.00 Bottom Packers & Anchor

**Total Tool Length: 139.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum

**26-20s-34w Scott,KS**

4924 SE 84th St  
New ton,KS 67114

**Daniels #1**

Job Ticket: 61777

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2015.10.09 @ 19:05:21

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

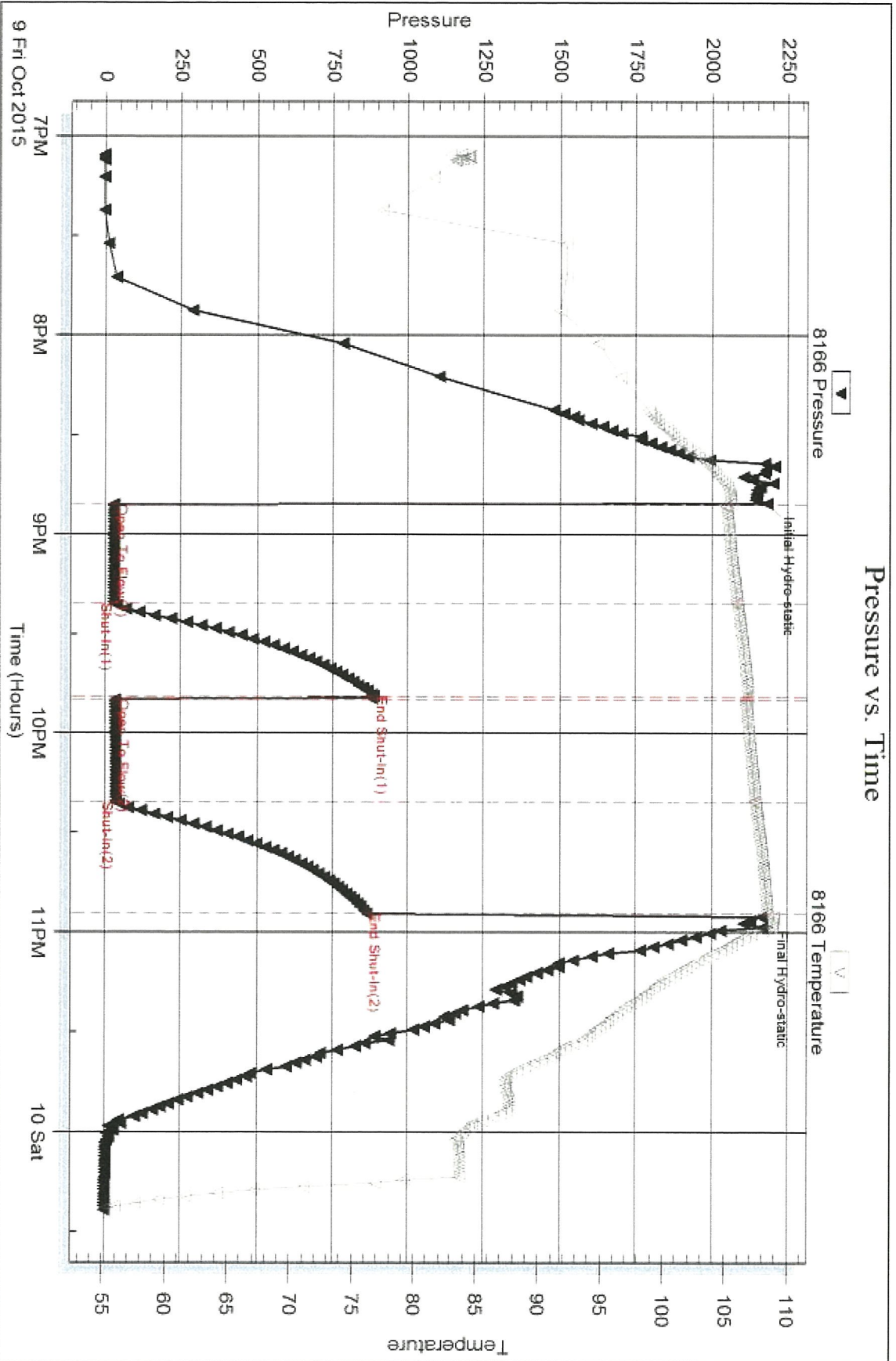
Serial #: 8166

Outside Palomino Petroleum

Daniel's #1

DST Test Number: 2

### Pressure vs. Time



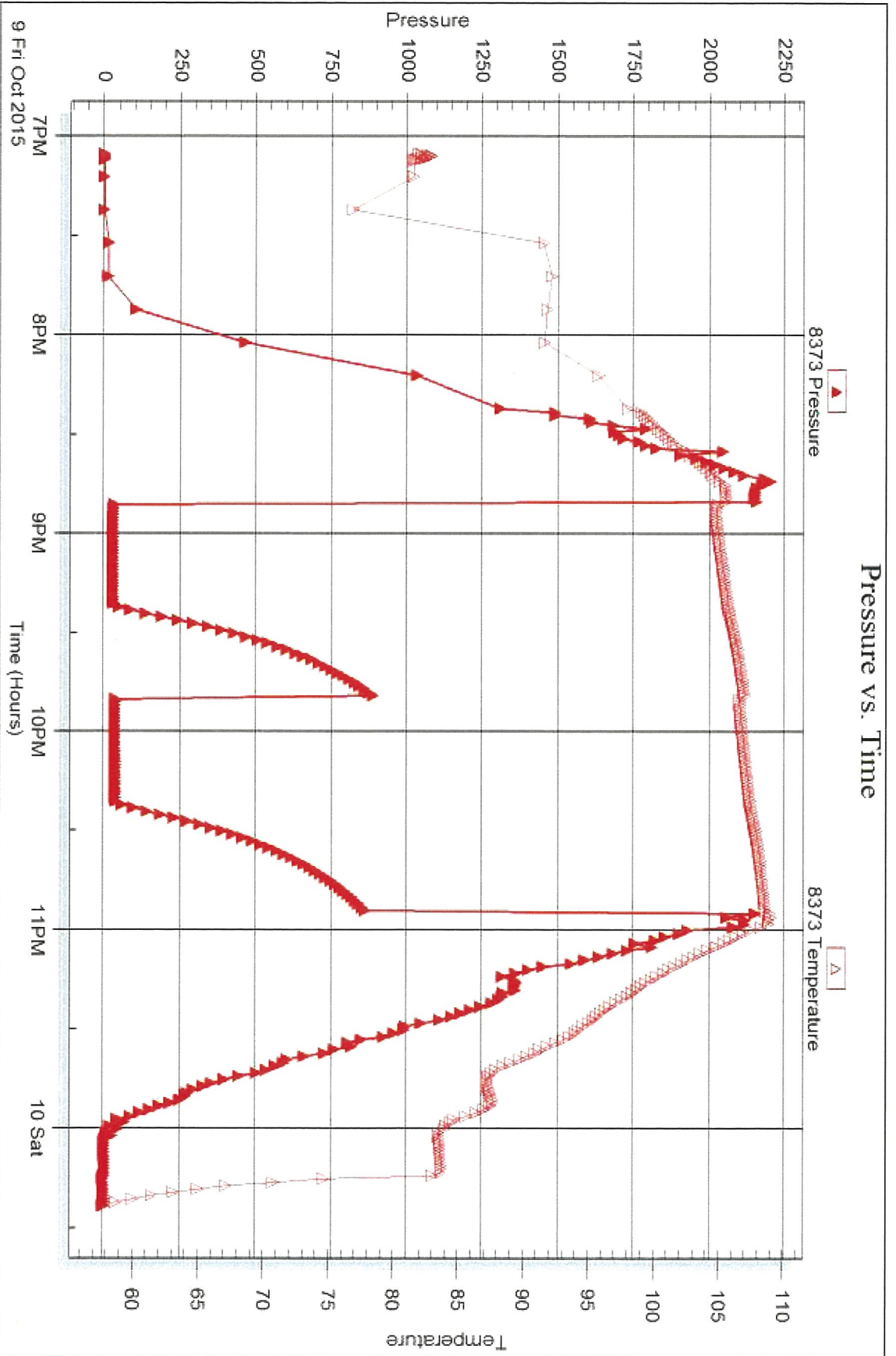
Serial #: 8373

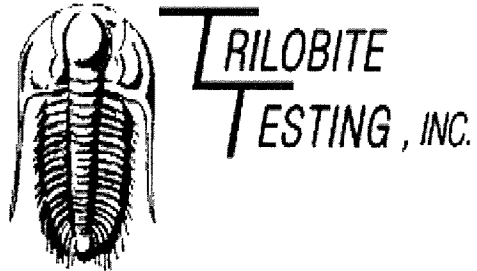
Inside

Palomino Petroleum

Daniel's #1

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

**Daniels #1**

**26-20s-34w Scott,KS**

Start Date: 2015.10.10 @ 06:30:24

End Date: 2015.10.10 @ 11:36:54

Job Ticket #: 61778                      DST #: 3

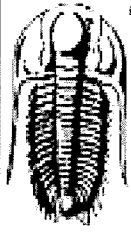
Trilobite Testing, Inc  
1515 Commerce Parkway   Hays, KS 67601  
ph: 785-625-4778   fax: 785-625-5620

Printed: 2015.10.12 @ 13:29:57









**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

**26-20s-34w Scott, KS**  
**Daniels #1**  
Job Ticket: 61778 **DST#: 3**  
Test Start: 2015.10.10 @ 06:30:24

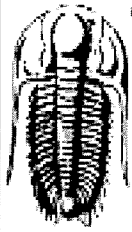
**Tool Information**

Drill Pipe:	Length: 4360.00 ft	Diameter: 3.80 inches	Volume: 61.16 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 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: 60000.00 lb
			<u>Total Volume: 61.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4488.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	59.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4462.00	
Shut In Tool	5.00			4467.00	
Hydraulic tool	5.00			4472.00	
Jars	5.00			4477.00	
Safety Joint	2.00			4479.00	
Packer	5.00			4484.00	27.00 Bottom Of Top Packer
Packer	4.00			4488.00	
Stubb	1.00			4489.00	
Recorder	0.00	8373	Inside	4489.00	
Recorder	0.00	8166	Outside	4489.00	
Perforations	26.00			4515.00	
Bullnose	5.00			4520.00	32.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum  
4924 SE 84th St  
New ton,KS 67114  
ATTN: Ryan Seib

**26-20s-34w Scott,KS**  
**Daniels #1**  
Job Ticket: 61778      **DST#: 3**  
Test Start: 2015.10.10 @ 06:30:24

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	w cm 10%w 90%m	0.295
91.00	mud oil spots 100%m	0.730

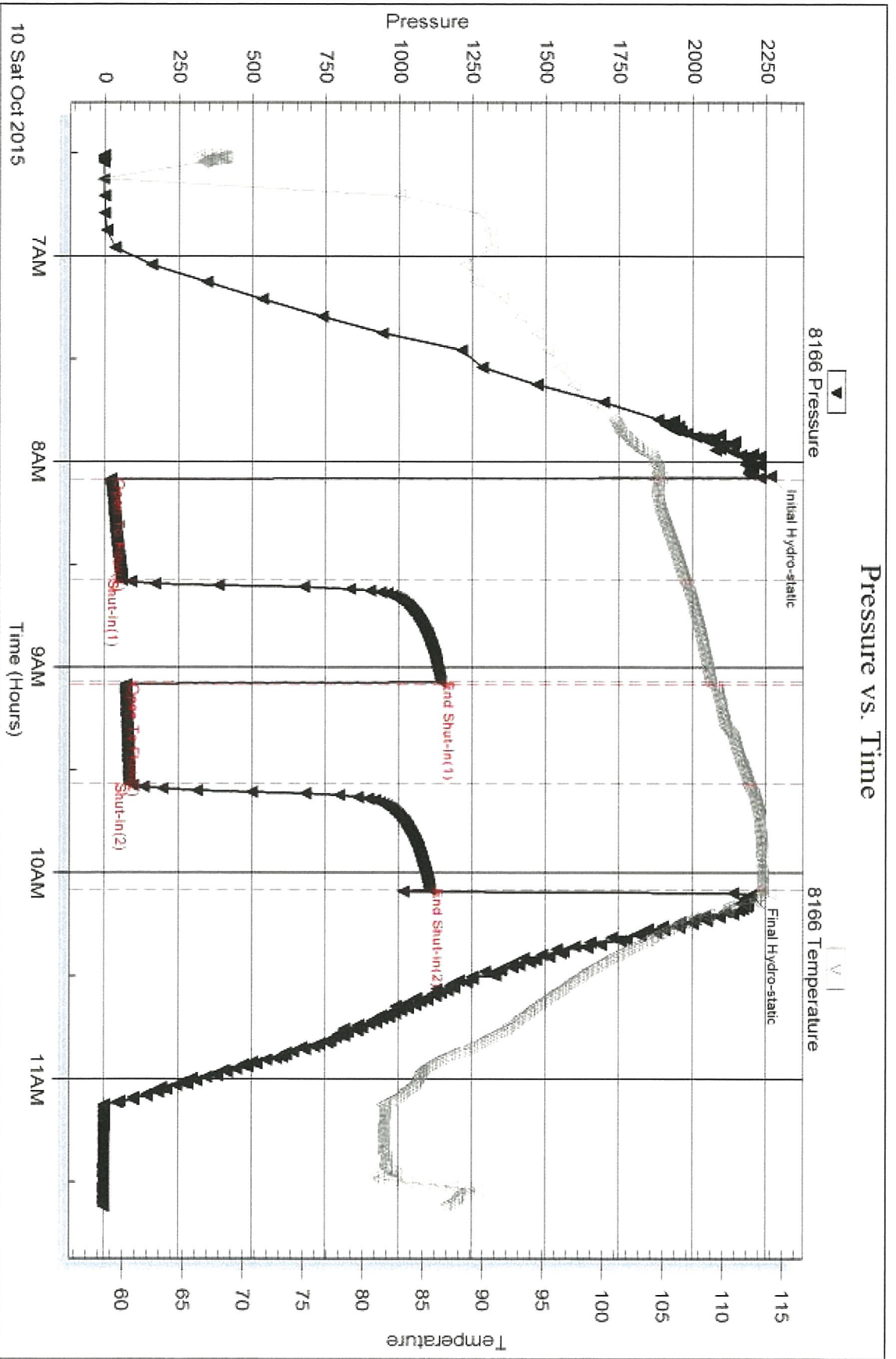
Total Length: 151.00 ft      Total Volume: 1.025 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 8166

Outside Palomino Petroleum

Daniels #1

DST Test Number: 3



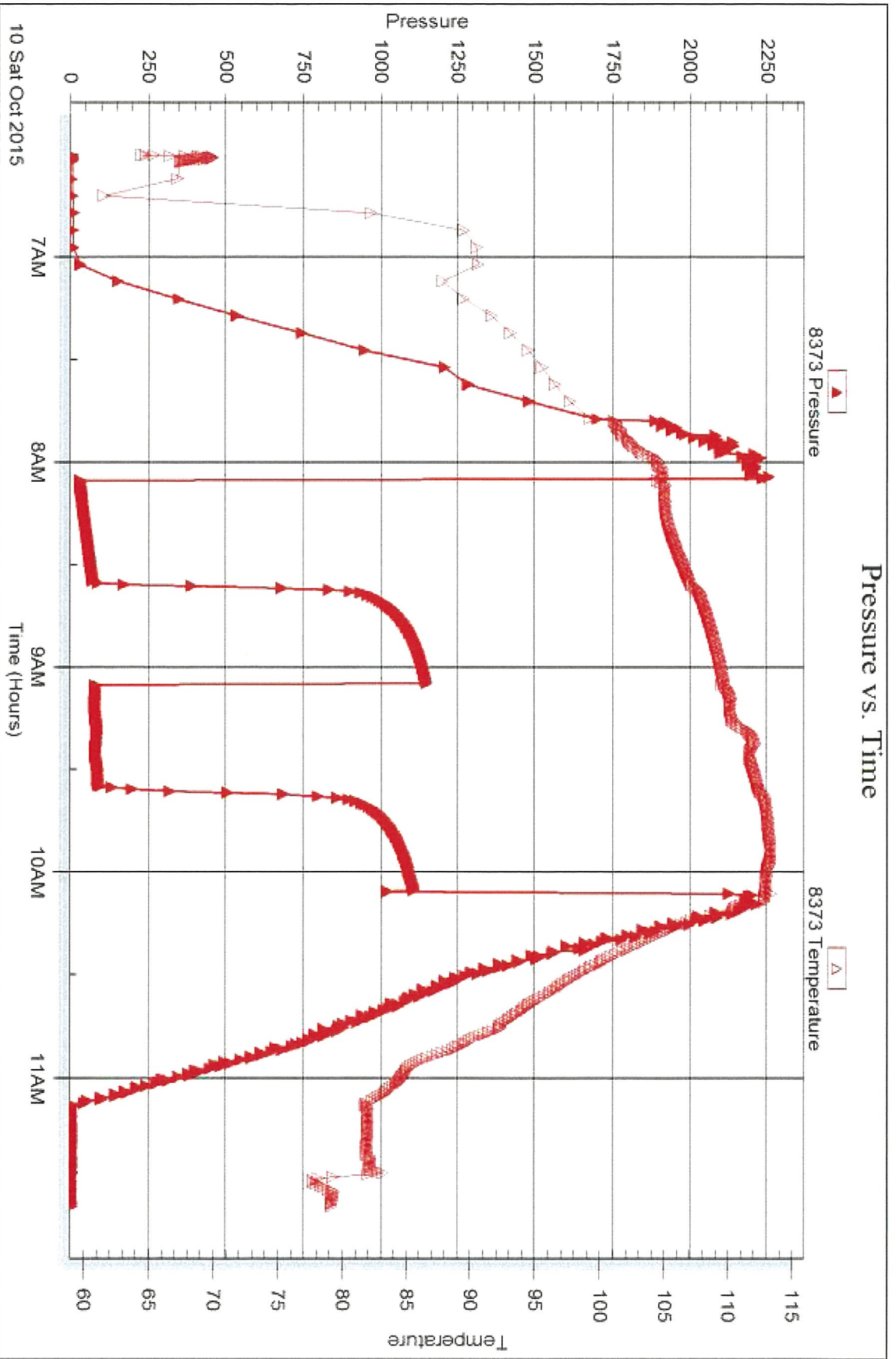
Serial #: 8373

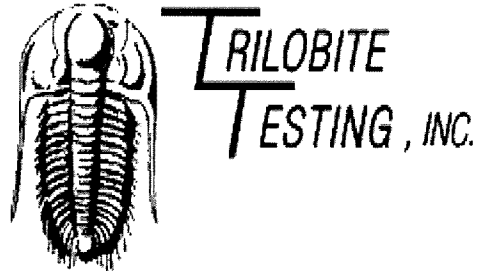
Inside

Palomino Petroleum

Daniels #1

DST Test Number: 3





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

**Daniels #1**

**26-20s-34w Scott,KS**

Start Date: 2015.10.11 @ 12:01:58

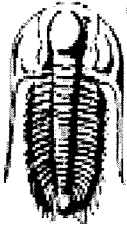
End Date: 2015.10.11 @ 15:28:58

Job Ticket #: 61779                      DST #: 4

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

Printed: 2015.10.12 @ 13:15:43

Palomino Petroleum  
26-20s-34w Scott,KS  
Daniels #1  
DST # 4  
Morrow  
2015.10.11



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**26-20s-34w Scott,KS**

4924 SE 84th St  
New ton,KS 67114

**Daniels #1**

Job Ticket: 61779

**DST#: 4**

ATTN: Ryan Seib

Test Start: 2015.10.11 @ 12:01:58

## GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:52:28

Time Test Ended: 15:28:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: **4716.00 ft (KB) To 4807.00 ft (KB) (TVD)**

Total Depth: 4807.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3007.00 ft (KB)

3003.00 ft (CF)

KB to GR/CF: 4.00 ft

**Serial #: 8166** Outside

Press@RunDepth: psig @ 4717.00 ft (KB)

Start Date: 2015.10.11

End Date:

2015.10.11

Capacity: 8000.00 psig

Last Calib.: 2015.10.11

Start Time: 12:02:03

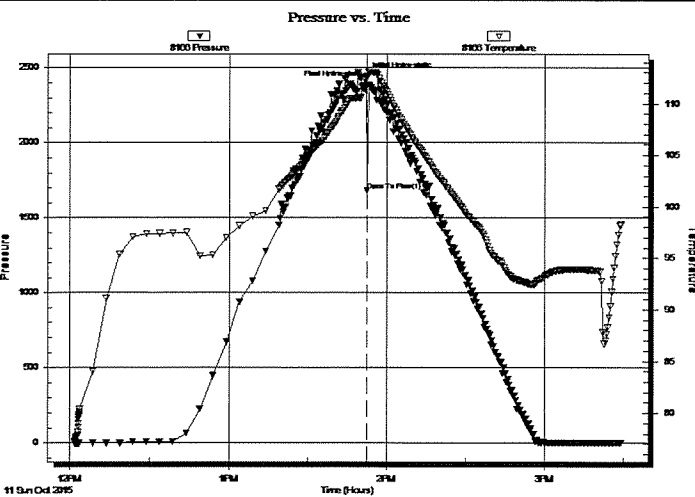
End Time:

15:28:58

Time On Btm: 2015.10.11 @ 13:51:58

Time Off Btm: 2015.10.11 @ 13:52:58

TEST COMMENT: Packers failed at open.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2441.93	112.57	Initial Hydro-static
1	1683.36	112.49	Open To Flow (1)
1	2389.24	113.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud 100%m	1.01

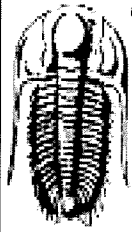
\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE**  
TESTING, INC

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum  
4924 SE 84th St  
New ton,KS 67114  
ATTN: Ryan Seib

**26-20s-34w Scott,KS**

**Daniels #1**

Job Ticket: 61779

**DST#: 4**

Test Start: 2015.10.11 @ 12:01:58

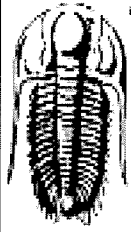
### Tool Information

Drill Pipe:	Length: 4592.00 ft	Diameter: 3.80 inches	Volume: 64.41 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 65.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4716.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4690.00	
Shut In Tool	5.00			4695.00	
Hydraulic tool	5.00			4700.00	
Jars	5.00			4705.00	
Safety Joint	2.00			4707.00	
Packer	5.00			4712.00	27.00 Bottom Of Top Packer
Packer	4.00			4716.00	
Stubb	1.00			4717.00	
Recorder	0.00	8373	Inside	4717.00	
Recorder	0.00	8166	Outside	4717.00	
Perforations	1.00			4718.00	
Change Over Sub	1.00			4719.00	
Drill Pipe	32.00			4751.00	
Change Over Sub	1.00			4752.00	
Bullnose	5.00			4757.00	41.00 Bottom Packers & Anchor

**Total Tool Length: 68.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

**26-20s-34w Scott, KS**  
**Daniels #1**  
Job Ticket: 61779      **DST#: 4**  
Test Start: 2015.10.11 @ 12:01:58

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	mud 100%m	1.011

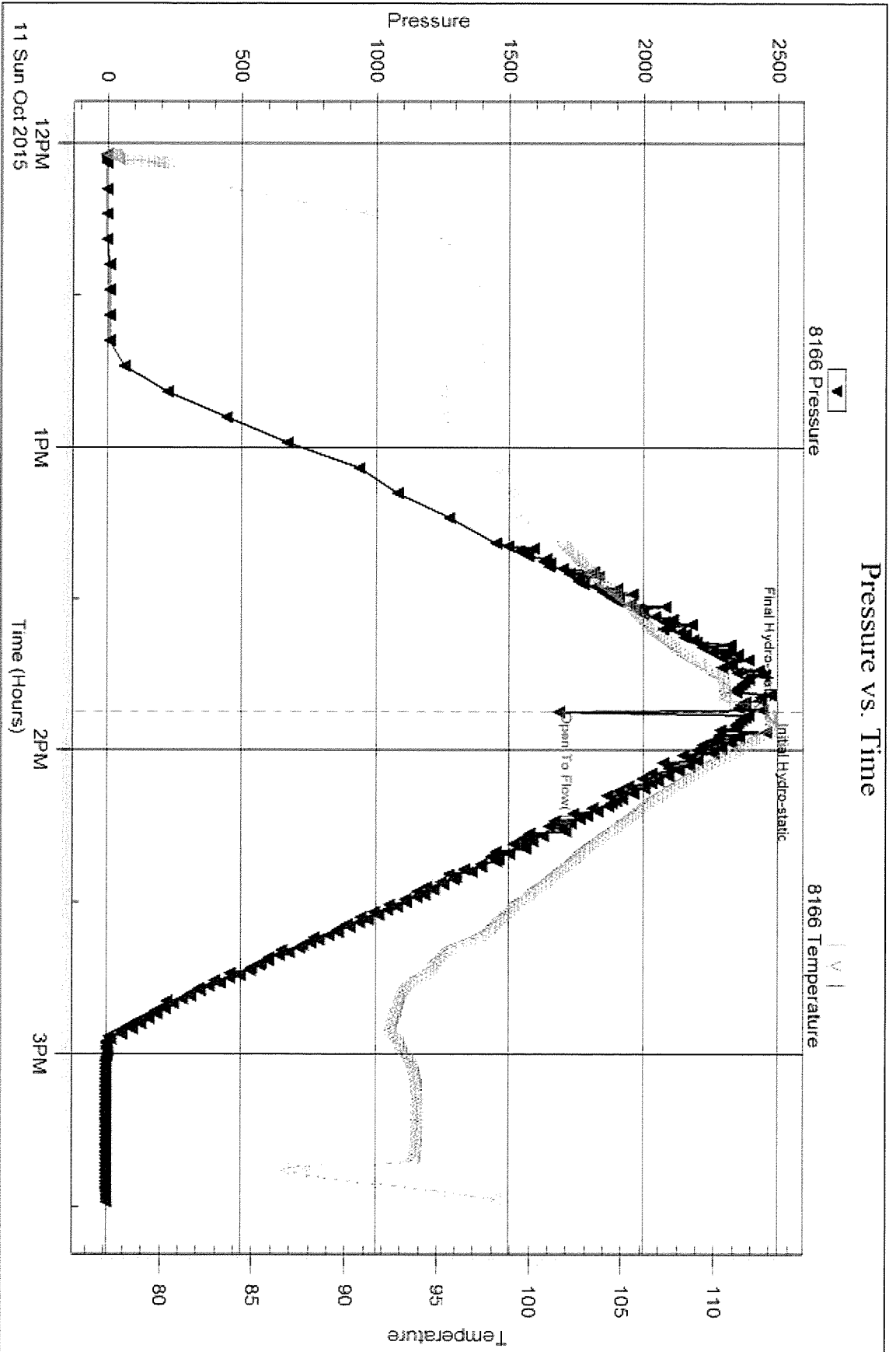
Total Length: 150.00 ft      Total Volume: 1.011 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 8166

Outside Palomino Petroleum

Dante's #1

OST Test Number: 4



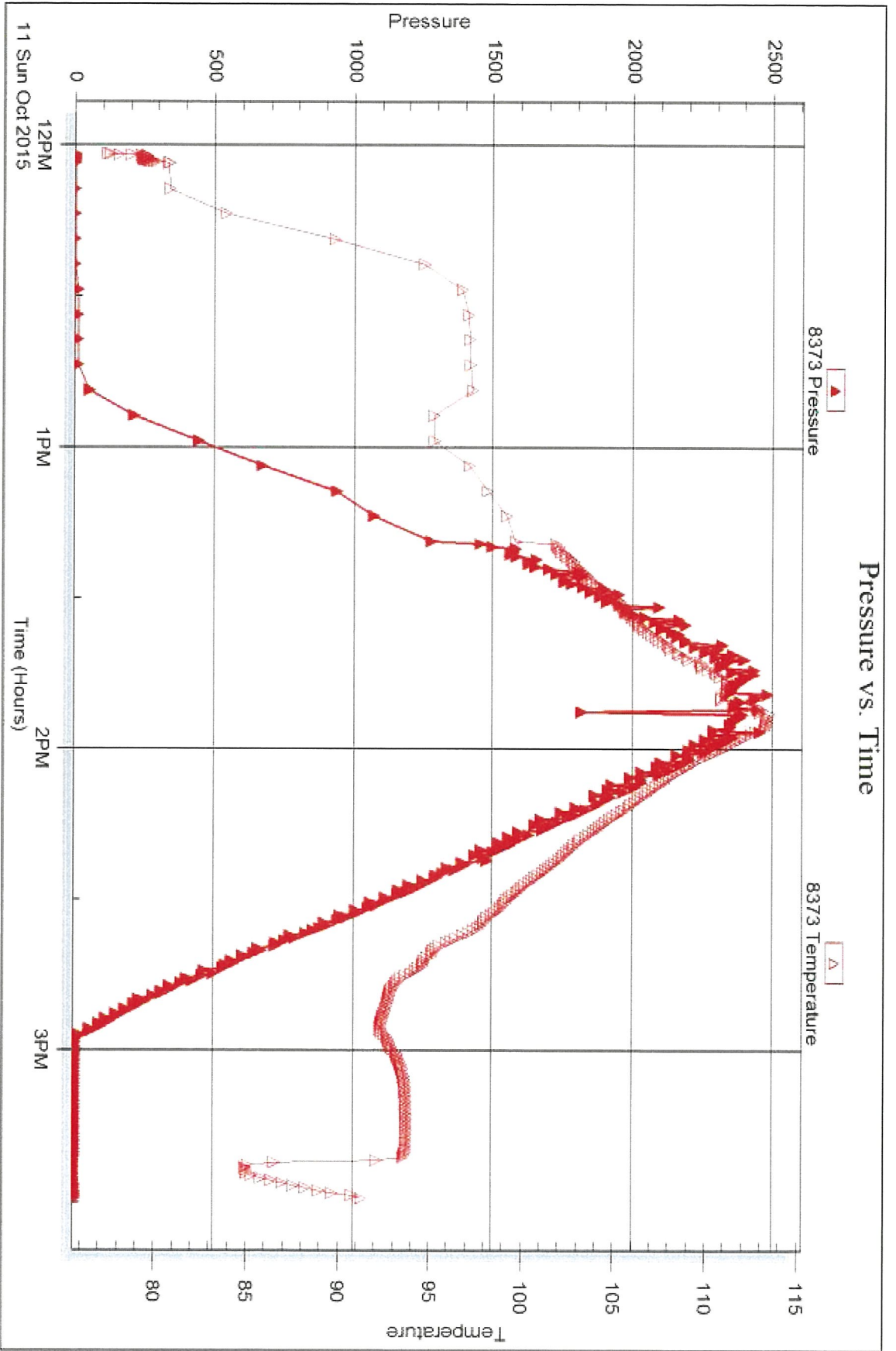
Serial #: 8373

Inside

Palomino Petroleum

Daniels #1

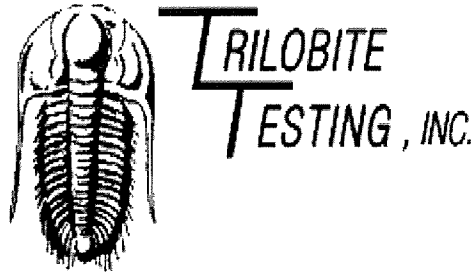
DST Test Number: 4



Triobite Testing, Inc

Ref. No: 61779

Printed 2015 10 12 @ 13:15:45



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Daniels #1**

### **26-20s-34w Scott,KS**

Start Date: 2015.10.11 @ 15:46:41

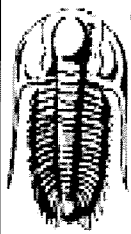
End Date: 2015.10.11 @ 21:14:11

Job Ticket #: 61780                      DST #: 5

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

Printed: 2015.10.12 @ 13:14:32

Palomino Petroleum  
26-20s-34w Scott,KS  
Daniels #1  
DST # 5  
Morrow  
2015.10.11



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Palomino Petroleum

**26-20s-34w Scott,KS**

4924 SE 84th St  
New ton,KS 67114

**Daniels #1**

Job Ticket: 61780

**DST#: 5**

ATTN: Ryan Seib

Test Start: 2015.10.11 @ 15:46:41

### GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:06:11

Time Test Ended: 21:14:11

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: **4678.00 ft (KB) To 4807.00 ft (KB) (TVD)**

Reference Elevations: 3007.00 ft (KB)

Total Depth: 4807.00 ft (KB) (TVD)

3003.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 4.00 ft

**Serial #: 8166**

**Outside**

Press@RunDepth: 105.18 psig @ 4679.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.10.11

End Date: 2015.10.11

Last Calib.: 2015.10.11

Start Time: 15:46:46

End Time: 21:14:10

Time On Btm: 2015.10.11 @ 17:04:41

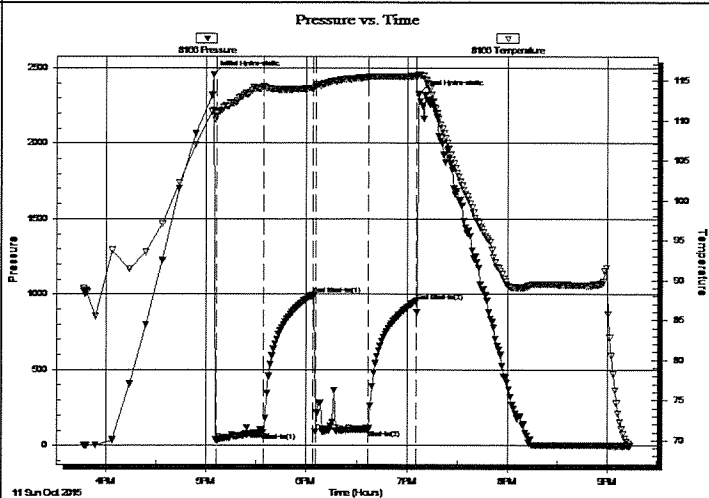
Time Off Btm: 2015.10.11 @ 19:06:41

TEST COMMENT: IF: 1/4" blow built to 3 1/2"

IS: No return.

FF: Surface blow built to 2"

FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2455.42	111.26	Initial Hydro-static
2	33.96	110.90	Open To Flow (1)
30	85.53	114.26	Shut-In(1)
60	995.85	114.04	End Shut-In(1)
61	91.43	114.27	Open To Flow (2)
92	105.18	115.39	Shut-In(2)
121	953.86	115.56	End Shut-In(2)
122	2323.74	115.75	Final Hydro-static

### Recovery

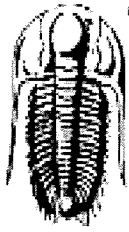
Length (ft)	Description	Volume (bbl)
160.00	mud oil spots 100% m	1.15

\* Recovery from multiple tests

### Gas Rates

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

**26-20s-34w Scott, KS**  
**Daniels #1**  
Job Ticket: 61780 **DST#: 5**  
Test Start: 2015.10.11 @ 15:46:41

### Tool Information

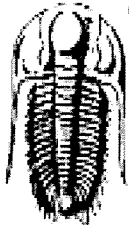
Drill Pipe:	Length: 4548.00 ft	Diameter: 3.80 inches	Volume: 63.80 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 64.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4678.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	129.00 ft			
Tool Length:	156.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4652.00	
Shut In Tool	5.00			4657.00	
Hydraulic tool	5.00			4662.00	
Jars	5.00			4667.00	
Safety Joint	2.00			4669.00	
Packer	5.00			4674.00	27.00 Bottom Of Top Packer
Packer	4.00			4678.00	
Stubb	1.00			4679.00	
Recorder	0.00	8373	Inside	4679.00	
Recorder	0.00	8166	Outside	4679.00	
Perforations	25.00			4704.00	
Change Over Sub	1.00			4705.00	
Drill Pipe	96.00			4801.00	
Change Over Sub	1.00			4802.00	
Bullnose	5.00			4807.00	129.00 Bottom Packers & Anchor

**Total Tool Length: 156.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum  
4924 SE 84th St  
New ton,KS 67114  
ATTN: Ryan Seib

**26-20s-34w Scott,KS**  
**Daniels #1**  
Job Ticket: 61780      **DST#: 5**  
Test Start: 2015.10.11 @ 15:46:41

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4600.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
160.00	mud oil spots 100%m	1.151

Total Length: 160.00 ft      Total Volume: 1.151 bbl

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

Laboratory Name:      Laboratory Location:

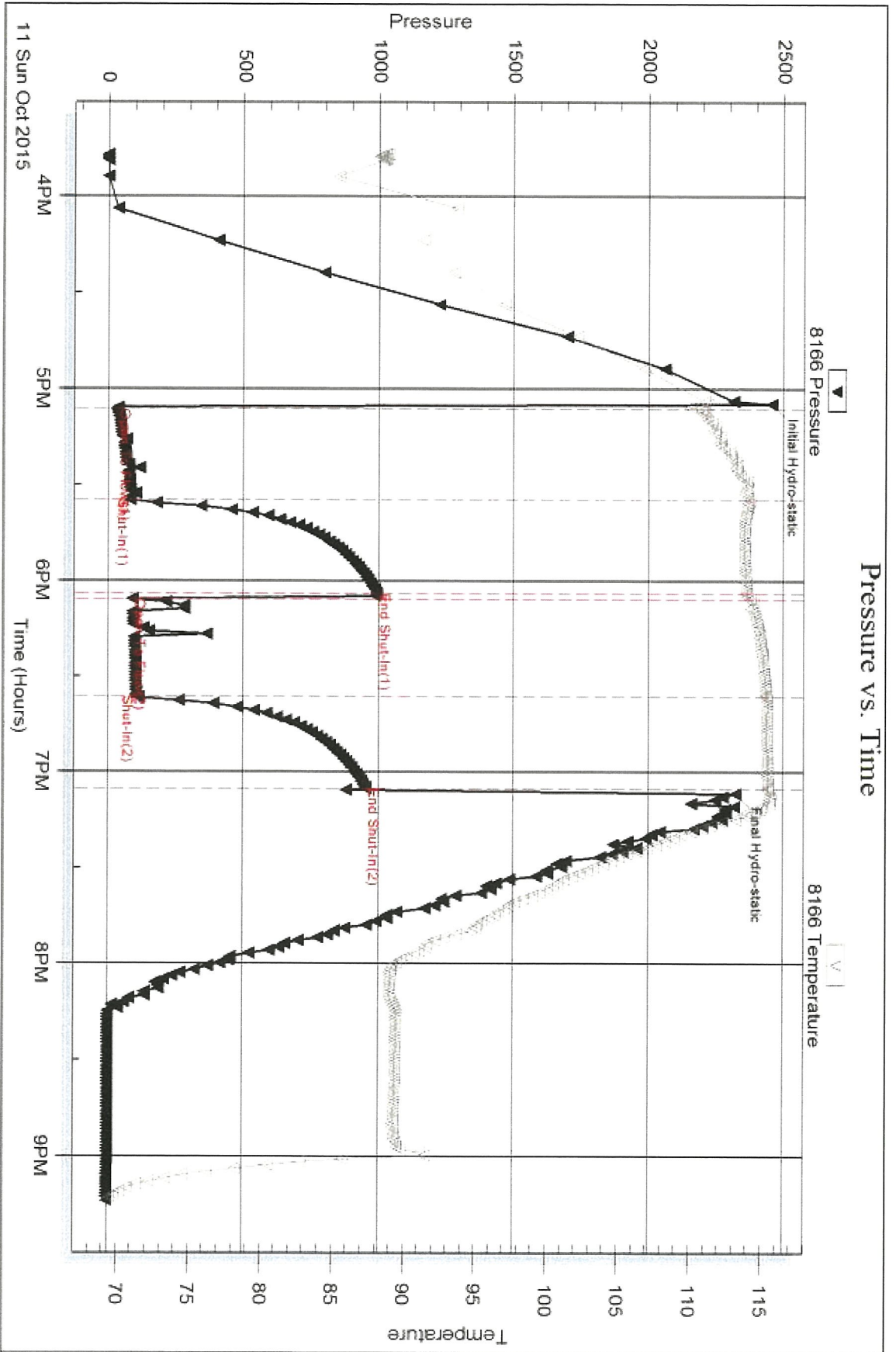
Recovery Comments:

Serial #: 8166

Outside Palomiro Petroleum

Daniels #1

DST Test Number: 5



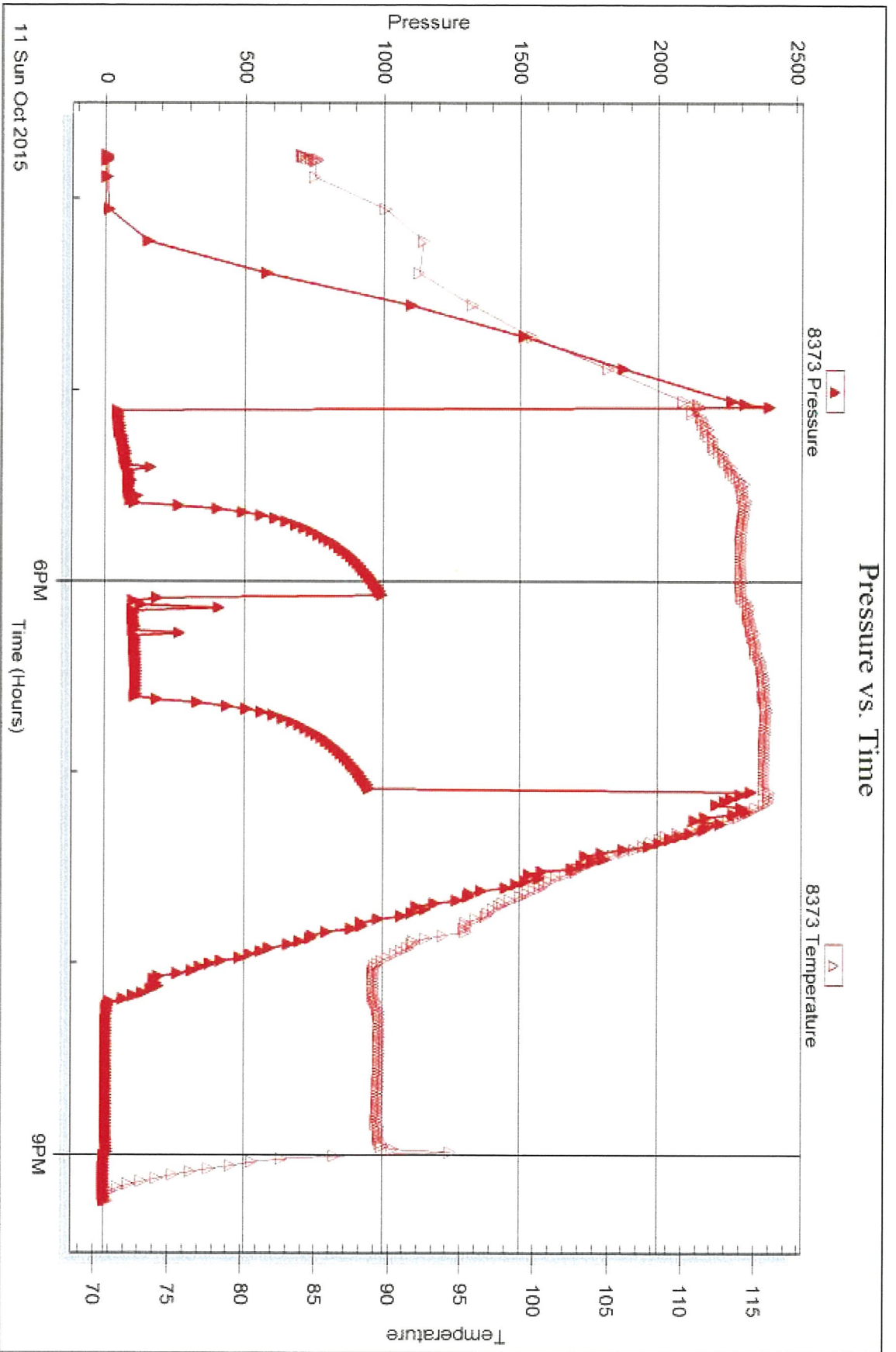
Serial #: 8373

Inside

Palomino Petroleum

Daniels #1

DST Test Number: 5





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61776

Well Name & No. Daniels #1 Test No. 1 Date 10-8-15  
 Company Palomino Petroleum Elevation 3007 KB 3003 GL  
 Address 4924 SE 84th St Newton, KS 67114  
 Co. Rep / Geo. Ryan Seib Rig WW #10  
 Location: Sec. 26 Twp. 20S Rge. 34W Co. Scott State KS

Interval Tested 4160 4204 Zone Tested Lensing I  
 Anchor Length 44 Drill Pipe Run 4044 Mud Wt. 9.2  
 Top Packer Depth 4155 Drill Collars Run 120 Vis 55  
 Bottom Packer Depth 4160 Wt. Pipe Run — WL 8.0  
 Total Depth 4204 Chlorides 3400 ppm System LCM 2

Blow Description IF: BoB in 20 min.  
IS: No return,  
FF: BoB in 23 min.  
FS: No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>226</u>	<u>wcra</u>		<u>30</u>	<u>70</u>	
<u>186</u>	<u>MCW</u>		<u>95</u>	<u>5</u>	
	<u>10 ppm H2S</u>				

Rec Total 412 BHT 114 Gravity — API RW 120 @ 82° F Chlorides 31,000 ppm

(A) Initial Hydrostatic <u>2088</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>13:40</u>
(B) First Initial Flow <u>26</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>14:57</u>
(C) First Final Flow <u>128</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>16:32</u>
(D) Initial Shut-In <u>1061</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>18:32</u>
(E) Second Initial Flow <u>134</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:15</u>
(F) Second Final Flow <u>201</u>	<input checked="" type="checkbox"/> Mileage <u>55-</u>	Comments
(G) Final Shut-In <u>1060</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2090</u>	<input type="checkbox"/> Straddle	

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

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1530  
 MP/DST Disc't

Sub Total 1530

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61777

Well Name & No. Daniels #1 Test No. 2 Date 10-9-15  
 Company Palomino Petroleum Elevation 3007 KB 3003 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Ryan scib Rig WW #10  
 Location: Sec. 26 Twp. 20<sup>s</sup> Rge. 34<sup>w</sup> Co. Scott State KS

Interval Tested 4378 4490 Zone Tested Maxmton  
 Anchor Length \_\_\_\_\_ Drill Pipe Run 4262 Mud Wt. 9.4  
 Top Packer Depth \_\_\_\_\_ Drill Collars Run 120 Vis 53  
 Bottom Packer Depth \_\_\_\_\_ Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth \_\_\_\_\_ Chlorides 5000 ppm System LCM 2  
 Blow Description IF: 1/4 blow died in 8 min.  
IS: No return.  
FF: No blow.  
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>					

Rec Total 10 BHT 108 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2183</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>18:30</u>
(B) First Initial Flow <u>30</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>19:05</u>
(C) First Final Flow <u>31</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>20:51</u>
(D) Initial Shut-In <u>886</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>22:51</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>00:25</u>
(F) Second Final Flow <u>37</u>	<input checked="" type="checkbox"/> Mileage <u>55-</u>	Comments _____
(G) Final Shut-In <u>864</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2164</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1530</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1530</u>	

Approved By \_\_\_\_\_ Our Representative

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61778

Well Name & No. Daniels #1 Test No. 3 Date 10-10-15  
 Company Palomino Petroleum Elevation 3007 KB 3003 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Ryan Seib Rig WW #10  
 Location: Sec. 26 Twp. 20S Rge. 34W Co. Scott State KS

Interval Tested 4488 4520 Zone Tested PrWnee  
 Anchor Length 32 Drill Pipe Run 4360 Mud Wt. 9.4  
 Top Packer Depth 4483 Drill Collars Run 120 Vis 53  
 Bottom Packer Depth 4488 Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth 4520 Chlorides 5000 ppm System LCM 2

Blow Description IF: 1/4 blow built to 3 in 30 min,  
IS: NO return,  
FF: Surface blow built to 1 1/2,  
FS: NO return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>Mud oil spots</u>			<u>100</u>	
<u>60</u>	<u>wcm</u>		<u>10</u>	<u>90</u>	
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 151 BHT 113 Gravity \_\_\_\_\_ API RW .31 @ 75° F Chlorides 20,000 ppm

(A) Initial Hydrostatic 2263  Test 1150 T-On Location 6:30  
 (B) First Initial Flow 23  Jars 250 T-Started 7:07  
 (C) First Final Flow 59  Safety Joint 75 T-Open 8:42  
 (D) Initial Shut-In 1143  Circ Sub NIL T-Pulled 10:42  
 (E) Second Initial Flow 72  Hourly Standby \_\_\_\_\_ T-Out 12:15  
 (F) Second Final Flow 85  Mileage 55- Comments \_\_\_\_\_  
 (G) Final Shut-In 1104  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2200  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 0  
 Total 1530  
 MP/DST Disc't \_\_\_\_\_  
 Sub Total 1530

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61779

Well Name & No. Daniels #1 Test No. 4 Date 10-10-13  
 Company Palomino Petroleum Elevation 3007 KB 3003 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Ryan Seib Rig WW #10  
 Location: Sec. 26 Twp. 20S Rge. 34W Co. Scott State KS

Interval Tested 4716 4807 Zone Tested Morrow  
 Anchor Length \_\_\_\_\_ 41 Drill Pipe Run 4592 Mud Wt. 9.3  
 Top Packer Depth \_\_\_\_\_ 4711 Drill Collars Run 120 Vis 50  
 Bottom Packer Depth \_\_\_\_\_ 4716 Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth \_\_\_\_\_ 4807 Chlorides 4600 ppm System LCM 1  
 Blow Description Packers failed & open.

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>mud</u>			<u>100</u>	
_____	_____				
_____	_____				
_____	_____				
_____	_____				

Rec Total 150 BHT 113 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2441  Test 950 T-On Location 11:30  
 (B) First Initial Flow 1683  Jars 250 T-Started 12:01  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 T-Open 13:50  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub NIL T-Pulled 13:55  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 15:29  
 (F) Second Final Flow \_\_\_\_\_  Mileage 55' Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2389  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1330

Initial Open \_\_\_\_\_  
 Initial Shut-In \_\_\_\_\_  
 Final Flow \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_

MP/DST Disc't \_\_\_\_\_  
 Sub Total 1330

Approved By \_\_\_\_\_ Our Representative

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61780

Well Name & No. Daniels #1 Test No. 5 Date 10-11-15  
 Company Petromino Petroleum Elevation 3007 KB 3003 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Ryan Seib Rig WW #10  
 Location: Sec. 26 Twp. 205 Rge. 34W Co. Scott State KS

Interval Tested 4678 4807 Zone Tested Morrow  
 Anchor Length \_\_\_\_\_ Drill Pipe Run 4548 Mud Wt. 9.3  
 Top Packer Depth \_\_\_\_\_ Drill Collars Run 120 Vis 50  
 Bottom Packer Depth \_\_\_\_\_ Wt. Pipe Run \_\_\_\_\_ WL 8.8  
 Total Depth 4807 Chlorides 4600 ppm System LCM 1

Blow Description IF: 1/4 blow built to 3 1/2.  
IS: NO return.  
FF: surface blow built to 2.  
FS: NO return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>160</u>	<u>mud oil spots</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 Total 160 BHT 115 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2455  Test 1150 T-On Location 11:30  
 (B) First Initial Flow 33  Jars 250 T-Started 15:46  
 (C) First Final Flow 85  Safety Joint 75 T-Open 17:04  
 (D) Initial Shut-In 995  Circ Sub NIL T-Pulled 19:04  
 (E) Second Initial Flow 91  Hourly Standby \_\_\_\_\_ T-Out 21:14  
 (F) Second Final Flow 105  Mileage 55- Comments Mileage is for going to load tools  
 (G) Final Shut-In 953  Sampler \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 (H) Final Hydrostatic 2323  Straddle \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Shale Packer 250  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_ Sub Total 0  
 Final Flow 30  Extra Recorder \_\_\_\_\_ Total 1780  
 Final Shut-In 30  Day Standby \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Sub Total 1780

Approved By [Signature] Our Representative [Signature]

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