



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



RECEIVED

AUG 28 2014

# Invoice

DATE	INVOICE #
8/26/2014	27812

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	C&D Atwell	Lane	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				35	Miles	6.00	210.00
576D-D	Pump Charge - Port Collar				1	Job	1,500.00	1,500.00
105	Port Collar Tool Rental With Man				1	Each	350.00	350.00T
107	Stripper Head Rental Per Day				1	Each	250.00	250.00T
276	Flocele				45	Lb(s)	2.50	112.50T
290	D-Air				2	Gallon(s)	42.00	84.00T
330	Swift Multi-Density Standard (MIDCON II)				180	Sacks	18.50	3,330.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				391.3	Ton Miles	1.00	391.30
	Subtotal							6,677.80
	Sales Tax Lane County						7.15%	295.04

**We Appreciate Your Business!**

**Total**

\$6,972.84



CHARGE TO: **PACEMINO PETROLEUM**  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET 27812

PAGE 1 OF

SERVICE LOCATION: **NESS CITY, KS.** WELLS/PROJECT NO.: **ADD ATWELL** LEASE: **ADD ATWELL** COUNTY/PARISH: **LANE** STATE: **KS.** CITY: **ALAMOGITA, KS** DATE: **26 AUG 14** OWNER:  
 1. **NESS CITY, KS.** CONTRACTOR: **CHRYSTINE WELLS SERV.** RIG NAME/NO.: **LANE** SHIPPED VIA: **DELIVERED TO** ORDER NO.:  
 2. TICKET TYPE:  SERVICE  SALES  
 3. WELLS TYPE: **OIL** WELLS CATEGORY: **DEVELOPMENT** JOB PURPOSE: **CEMENT PORT COLLAR.** WELLS PERMIT NO.:  
 4. REFERRAL LOCATION: **OIL** INVOICE INSTRUCTIONS: **5N, E 10T2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT								
576d				PORT COLLAR OPENING TOOL	115	35	mil			6.00	210.00
105				STRIPPER HEAD RENTAL		1508				1500.00	1500.00
276				FLDCELE		457	lb			2.50	112.50
29D				D-AIR		2	gal			42.00	84.00
330				SMD CEMENT		18	5x			18.50	333.00
581				CEMENT SERVICE CHARGE		225	5x			2.00	450.00
83				DRAVAGE		22360	lbs			391.30	391.30

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED: **26 AUG 14** TIME SIGNED: **1:50**  A.M.  P.M.

DATE SIGNED: **26 AUG 14** TIME SIGNED: **1:50**  A.M.  P.M.

SWIFT OPERATOR: **Frank K... 888** APPROVAL:

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

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

SURVEY:  CUSTOMER DID NOT WISH TO RESPOND

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?  
 WE UNDERSTOOD AND MET YOUR NEEDS?  
 OUR SERVICE WAS PERFORMED WITHOUT DELAY?  
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?  
 ARE YOU SATISFIED WITH OUR SERVICE?

AGREE UN-DECIDED DIS-AGREE

PAGE TOTAL: **66677**

TOTAL: **6972.84**

TAX: **7.15%**

SWIFT OPERATOR: **Frank K... 888** APPROVAL: **Thank You!**



**JOB LOG**

**SWIFT Services, Inc.**

DATE 26 AUG 14 PAGE NO.

CUSTOMER PALOMINO PETROLEUM

WELL NO.

LEASE C#D ATWELL

JOB TYPE CEMENT PORT COLLAR

TICKET NO. 27812

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1245							ON LOCATION
								PORT COLLAR @ 1922
	1337				✓		1800	TEST - HELD
	1340							OPEN PORT COLLAR
	1343	4	100	✓		400		MIX 18DSX SMD
		3	6 3/4	✓		200		DISPLACE CEMENT
								CIRCULATE 2DSX TO PIT
	1413				✓		1800	CLOSE PORT COLLAR - TEST - HELD
								RUN 4 JTS.
	1425	3	20		✓		300	REVERSE CLEAN
	1435							WASH TRUCK
	1500							JOB COMPLETE
								THANKS #115
								JASON DAVE JARED

# SWIFT



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



RECEIVED

AUG 23 2014

## Invoice

DATE	INVOICE #
8/21/2014	26422

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	C&D Atwell	Lane	WW Drilling	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	6.00	180.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
402-5	5 1/2" Centralizer				1	Each	70.00	70.00T
403-5	5 1/2" Cement Basket				2	Each	300.00	600.00T
404-5	5 1/2" Port Collar				1	Each	2,900.00	2,900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
409-5	5 1/2" Turbolizer				10	Each	90.00	900.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	18.50	2,312.50T
325	Standard Cement				100	Sacks	14.50	1,450.00T
284	Calseal				5	Sack(s)	35.00	175.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
276	Flocele				50	Lb(s)	2.50	125.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				343.71	Ton Miles	1.00	343.71
	Subtotal							12,906.21
	Sales Tax Lane County						7.15%	745.92

**We Appreciate Your Business!**

**Total**

\$13,652.13





CHARGE TO: Palomino Petroleum  
 ADDRESS \_\_\_\_\_  
 CITY, STATE, ZIP CODE \_\_\_\_\_

TICKET # **26422**  
 PAGE 1 OF 2

1. SERVICE LOCATION: New City KS WELL/PROJECT NO. #1 LEASE CHD Atwell COUNTY/PARISH Lane STATE KS CITY Alamogordo DATE 21 AVE 14 OWNER \_\_\_\_\_  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR \_\_\_\_\_ RIG NAME/NO. 10 SHIPPED WT DELIVERED TO \_\_\_\_\_ ORDER NO. \_\_\_\_\_  
 3. WELL TYPE D-1 WELL CATEGORY Development JOB PURPOSE convert long string WELL PERMIT NO. \_\_\_\_\_ WELL LOCATION 24-17-27  
 4. REFERRAL LOCATION \_\_\_\_\_ INVOICE INSTRUCTIONS \_\_\_\_\_

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575				MILEAGE TRK 114	30	mi			6.00	180.00
578				Pump Charge	1				1580.00	1580.00
402				Controlizer	1	ea			70.00	70.00
403				Concrete Basket	2	ea			300.00	600.00
404				Port Collar	1	ea			2900.00	2900.00
406				Latch down plug & beffle	1	ea			275.00	275.00
407				Insert Flat shoe w/ AUTO FILL	1	ea			375.00	375.00
409				Turbolizer	10	ea			90.00	900.00
419				Rotating head rental	1	ea			200.00	200.00

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 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS  
 DATE SIGNED: Blum TIME SIGNED: 11 AM  
 DATE SIGNED: 10/15 TIME SIGNED: 2 PM

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

SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					1	13,652.13
WE UNDERSTOOD AND MET YOUR NEEDS?					2	
OUR SERVICE WAS PERFORMED WITHOUT DELAY?						
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?						
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO				
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND						
SUBTOTAL 197406.21 1.97% TAX 745.92						

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 SWIFT OPERATOR: Blum APPROVAL: \_\_\_\_\_  
 Thank You!



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

TICKET CONTINUATION

CUSTOMER: *Blaines Petroleum*

WELL: *25D Atwell #1*

DATE: *21 AUG 14*

PAGE: *2* OF *2*

TICKET No. *26422*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		UNIT PRICE	AMOUNT
		LOC	ACCT	DT			QTY	U/M		
330		1				SMD cement	125	SK	18.50	2312.50
325		1				Standards cement (For SA-2)	100	SK	14.50	1450.00
284		1				colseal	500	lb	35.00	17500
283		1				SAOT	500	lb	0.20	100.00
285		1				CFR-1	50	lb	4.50	225.00
276		1				Flarebe	50	lb	2.50	125.00
281		1				Mud Flbrsl	520	gal	1.25	650.00
221		1				KCl liquid	4	gal	25.00	100.00
581		1				SERVICE CHARGE			2.00	450.00
583		1				MILEAGE CHARGE			1.00	343.71
TOTAL WEIGHT: <i>22914</i> LOADED MILES: <i>30</i> CUBIC FEET: <i>225</i> TON MILES: <i>343.71</i>										

CONTINUATION TOTAL *5906.91*

JOB LOG

SWIFT Services, Inc.

DATE 21 AUG 14 PAGE NO.

CUSTOMER Palmino Petroleum WELL NO. #1 LEASE ED Atwell JOB TYPE cement long string TICKET NO. 26422

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 SMD cement w/ 1/4" Flocco
								100 EA-Z cement w/ 1/4" Flocco
								5 1/2" x 14" casing total pipe 4598'
								TD = 4596' Controler 1, 3, 5, 7, 8, 10, 12, 13, 15, 17, 64
								Basket 2, 65 Port collar #65 - 1923'
								shoe jt 43.47
	1930							on loc TRK 114
	1930							start 5 1/2" x 14" casing in well
	2120							Drop ball - circulate - ROTATE
	2225	4	12				200	Pump 500gal mud flush
		4	20				200	Pump 20 bbl KCL flush
			7					Plug RTT 30sk
	2243		38					Mix SMD cement 95sk @ 12.7 ppg
			24					Mix EA-Z cement 100sk @ 15.3 ppg
			62					
	2300							Drop latch drum plug wash out pump & line
	2305	5 3/4					200	Displace plug
		5 3/4	105				100b	
	2330	5 3/4	111				1500	Land plug
	2335							wash truck
								Rack up
AUG 22	0015							job complete
								Plugs Blow, Flit & ROB

beginning bbl #90  
pressure varied  
500-1200  
↑ ↓





**CONSOLIDATED**  
Oil Well Services, LLC

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

RECEIVED

AUG 20 2014

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 270218

Invoice Date: 08/17/2014 Terms: 10/10/10,n/30

Page 1

PALOMINO PETROLEUM, INC.  
4924 SE 84TH STREET  
NEWTON KS 67114-8827  
( ) -

C&D ATWELL #1  
46644  
24-17S-27W  
8-13-14  
KS

Part Number	Description	Qty	Unit Price	Total
1102	CALCIUM CHLORIDE (50#)	465.00	.9400	437.10
1104S	CLASS "A" CEMENT (SALE)	165.00	18.5500	3060.75
1118B	PREMIUM GEL / BENTONITE	310.00	.2700	83.70

Sublet Performed	Description	Total
9995-130	CEMENT EQUIPMENT DISCOUNT	-181.15
9996-130	CEMENT MATERIAL DISCOUNT	-358.16

Description	Hours	Unit Price	Total
397 TON MILEAGE DELIVERY	1.00	477.75	477.75
456 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
456 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75

Amount Due 5649.12 if paid after 08/27/2014

Parts:	3581.55	Freight:	.00	Tax:	230.46	AR	5084.20
Labor:	.00	Misc:	.00	Total:	5084.20		
Sublt:	-539.31	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

270218

TICKET NUMBER 46644

LOCATION Dakota 45

FOREMAN Mites Shaw

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

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-13-14	6285	C & D Atwell #1	24	17S	27W	Lane
CUSTOMER <u>Palomino Petroleum</u>		TRUCK #		DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		450714		Jordan L		
CITY		397		Rob S		
STATE		ZIP CODE				

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 217' CASING SIZE & WEIGHT 8 5/8 23#  
 CASING DEPTH 217' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 12 1/2 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting and rig up on well drilling rig #10 circulate casing mix 6.5 SHS class A cement with 3% calcium 2% gel displaced 12 1/2 bbls water shut in cement did circulate 2 bbls to pit

Thanks Mites & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150. <sup>00</sup>	1150. <sup>00</sup>
5406	35	MILEAGE	5.25	183.75
5407A	7.8 Tons	Top mix cement delivery	1.75	477.25
1102	405 #	calcium chloride	.94	437.10
11045	165 SHS	class A cement	18.55	3060.75
11183	310 #	Bentonite gel	1.27	393.70
			Subtotal	5393.05
			less 10% disc count	539.31
			Subtotal	4853.74
			SALES TAX	230.46
			ESTIMATED TOTAL	5084.20

completed

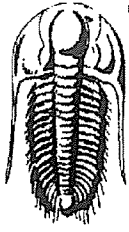
Ravin 3737

AUTHORIZATION

TITLE T.P.

DATE 8-13-14

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.



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

24-17-27 Lane Co. KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 59115

DST#: 1

ATTN: Ryan Seib

Test Start: 2014.08.17 @ 05:06:15

## GENERAL INFORMATION:

Formation: **Lansing A-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:00:00

Time Test Ended: 10:25:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: **3840.00 ft (KB) To 3940.00 ft (KB) (TVD)**

Total Depth: 3940.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2551.00 ft (KB)

2546.00 ft (CF)

KB to GR/CF: 5.00 ft

## Serial #: 8846

Inside

Press@RunDepth: 120.00 psig @ 3844.00 ft (KB)

Start Date: 2014.08.17

End Date:

2014.08.17

Start Time: 05:06:15

End Time:

10:25:30

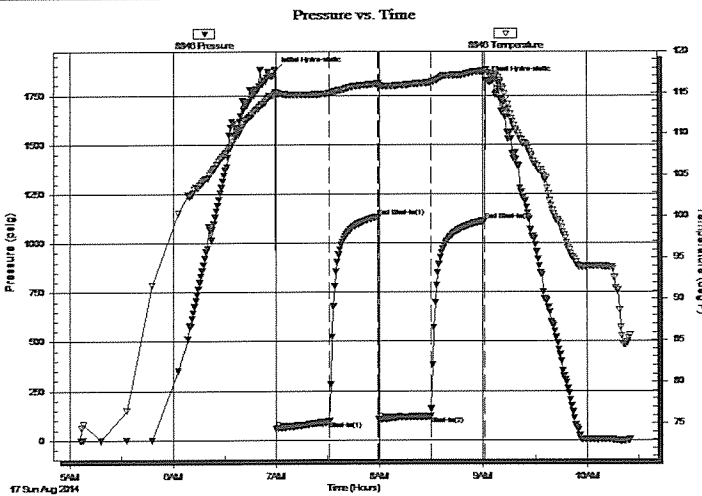
Capacity: 8000.00 psig

Last Calib.: 2014.08.17

Time On Btm: 2014.08.17 @ 06:59:30

Time Off Btm: 2014.08.17 @ 09:01:45

TEST COMMENT: IF: Built to 3" blow  
IS: No return blow  
FF: Built to 1" blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.89	115.06	Initial Hydro-static
1	58.46	114.81	Open To Flow (1)
32	94.91	114.89	Shut-In(1)
60	1133.11	116.06	End Shut-In(1)
60	103.21	115.69	Open To Flow (2)
91	120.00	116.21	Shut-In(2)
122	1113.72	117.59	End Shut-In(2)
123	1825.98	117.77	Final Hydro-static

## Recovery

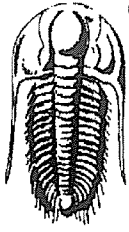
Length (ft)	Description	Volume (bbl)
124.00	mud 100%m	0.61

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**24-17-27 Lane Co. KS**

4924 SE 84th St  
New ton KS 67114

**1 C D Atwell**

Job Ticket: 59115

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2014.08.17 @ 05:06:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.87 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mud 100%m	0.610

Total Length: 124.00 ft      Total Volume: 0.610 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

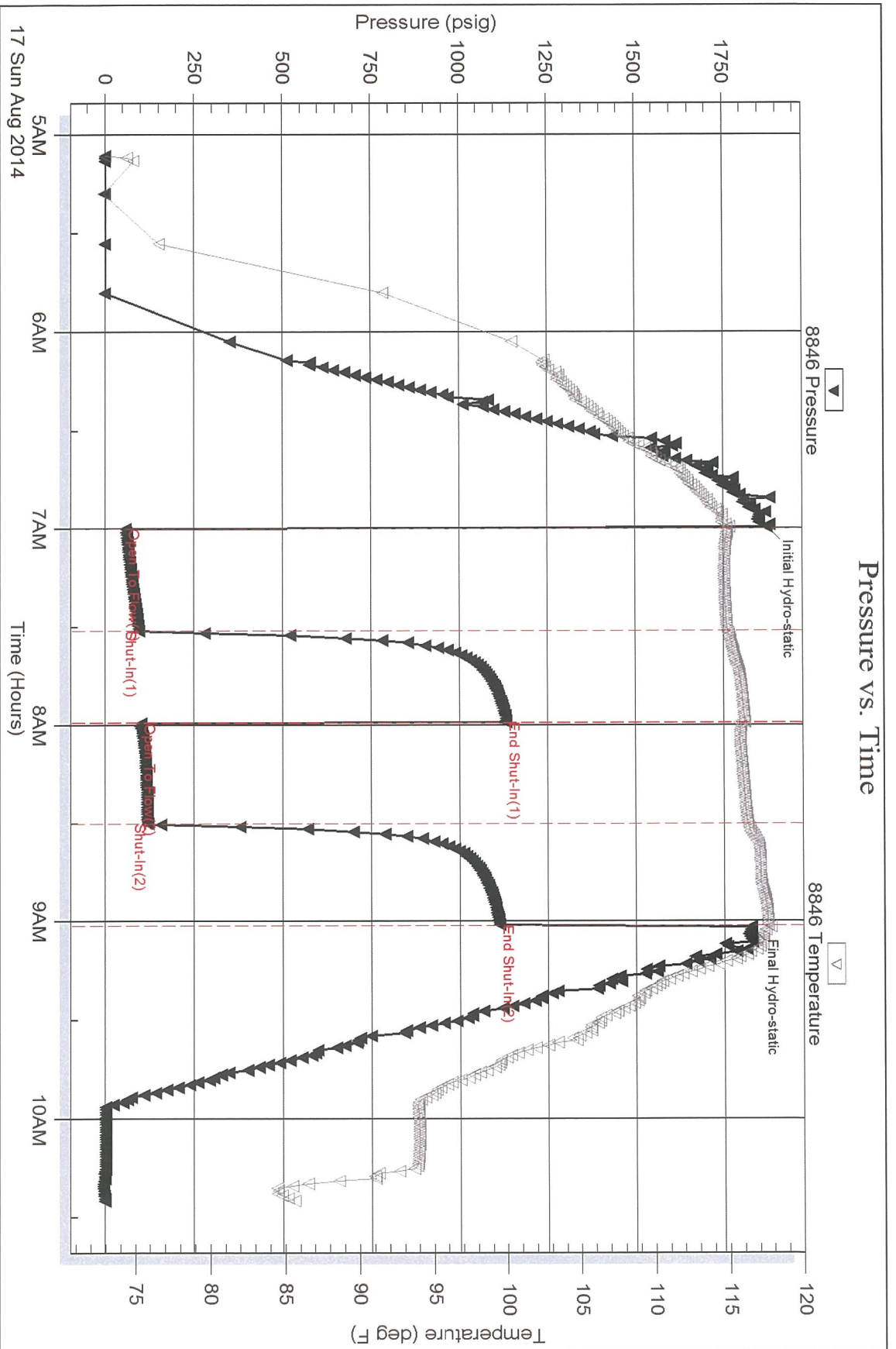
Serial #: 8846

Inside

Palomino Petroleum Inc.

1 C/D Atw ell

DST Test Number: 1



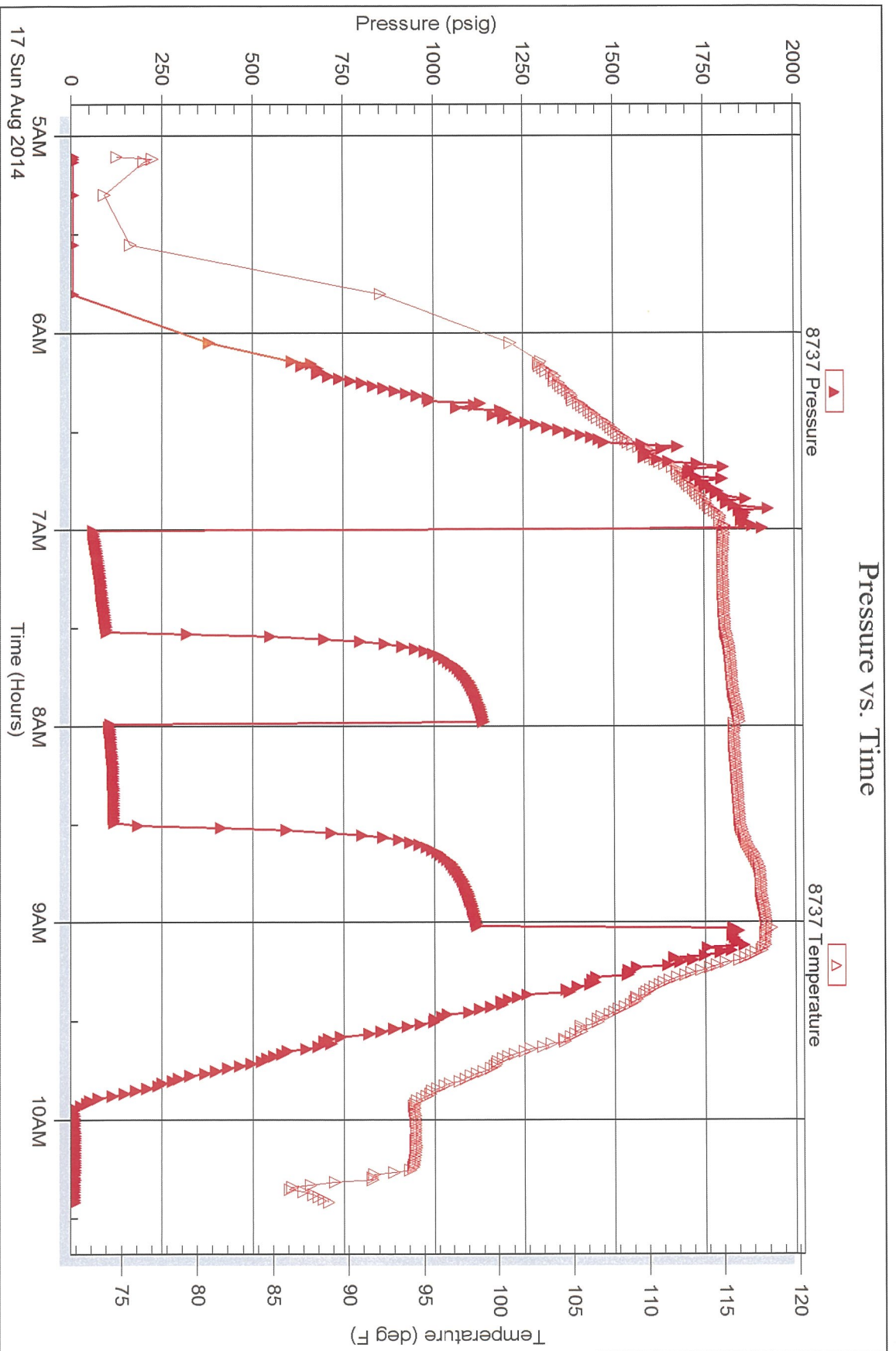


Serial #: 8737

Outside Palomino Petroleum Inc.

1 C D Atw ell

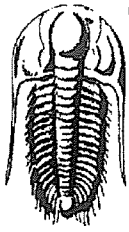
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 59115

Printed: 2014.08.17 @ 11:46:42



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

24-17-27 Lane Co. KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 59116

DST#: 2

ATTN: Ryan Seib

Test Start: 2014.08.17 @ 20:23:15

## GENERAL INFORMATION:

Formation: **Lansing G-H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:02:00

Time Test Ended: 01:28:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: **3977.00 ft (KB) To 4042.00 ft (KB) (TVD)**

Total Depth: 4042.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2551.00 ft (KB)

2546.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8846**

Inside

Press@RunDepth: 75.03 psig @ 3981.00 ft (KB)

Start Date: 2014.08.17

End Date:

2014.08.18

Start Time: 20:23:15

End Time:

01:28:45

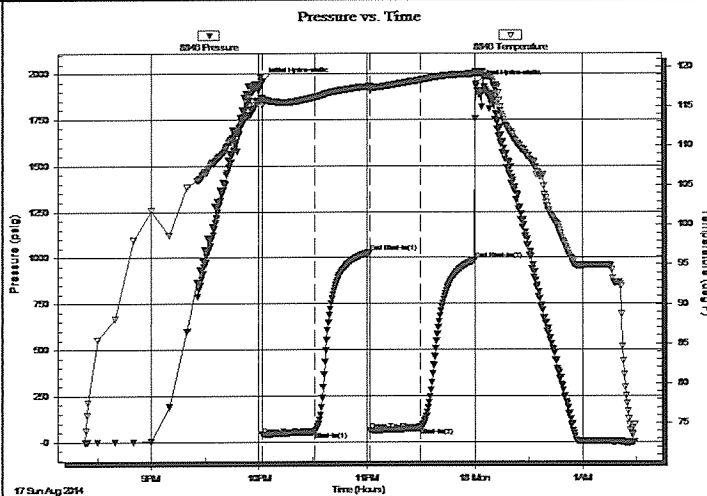
Capacity: 8000.00 psig

Last Calib.: 2014.08.18

Time On Btm: 2014.08.17 @ 22:01:45

Time Off Btm: 2014.08.18 @ 00:00:30

TEST COMMENT: IF: Built to 1/2" blow  
IS: No return blow  
FF: No blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1956.83	116.01	Initial Hydro-static
1	38.28	115.11	Open To Flow (1)
30	55.64	116.12	Shut-In(1)
60	1028.69	117.48	End Shut-In(1)
61	61.94	116.98	Open To Flow (2)
89	75.03	118.29	Shut-In(2)
119	987.11	119.10	End Shut-In(2)
119	1941.85	119.18	Final Hydro-static

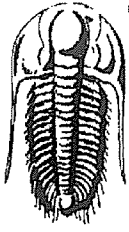
## Recovery

Length (ft)	Description	Volume (bbl)
62.00	mud w ith oil spots 100% m	0.30

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**24-17-27 Lane Co. KS**

4924 SE 84th St  
New ton KS 67114

**1 C D Atwell**

Job Ticket: 59116

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2014.08.17 @ 20:23:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.85 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud w ith oil spots 100% m	0.305

Total Length: 62.00 ft      Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8846

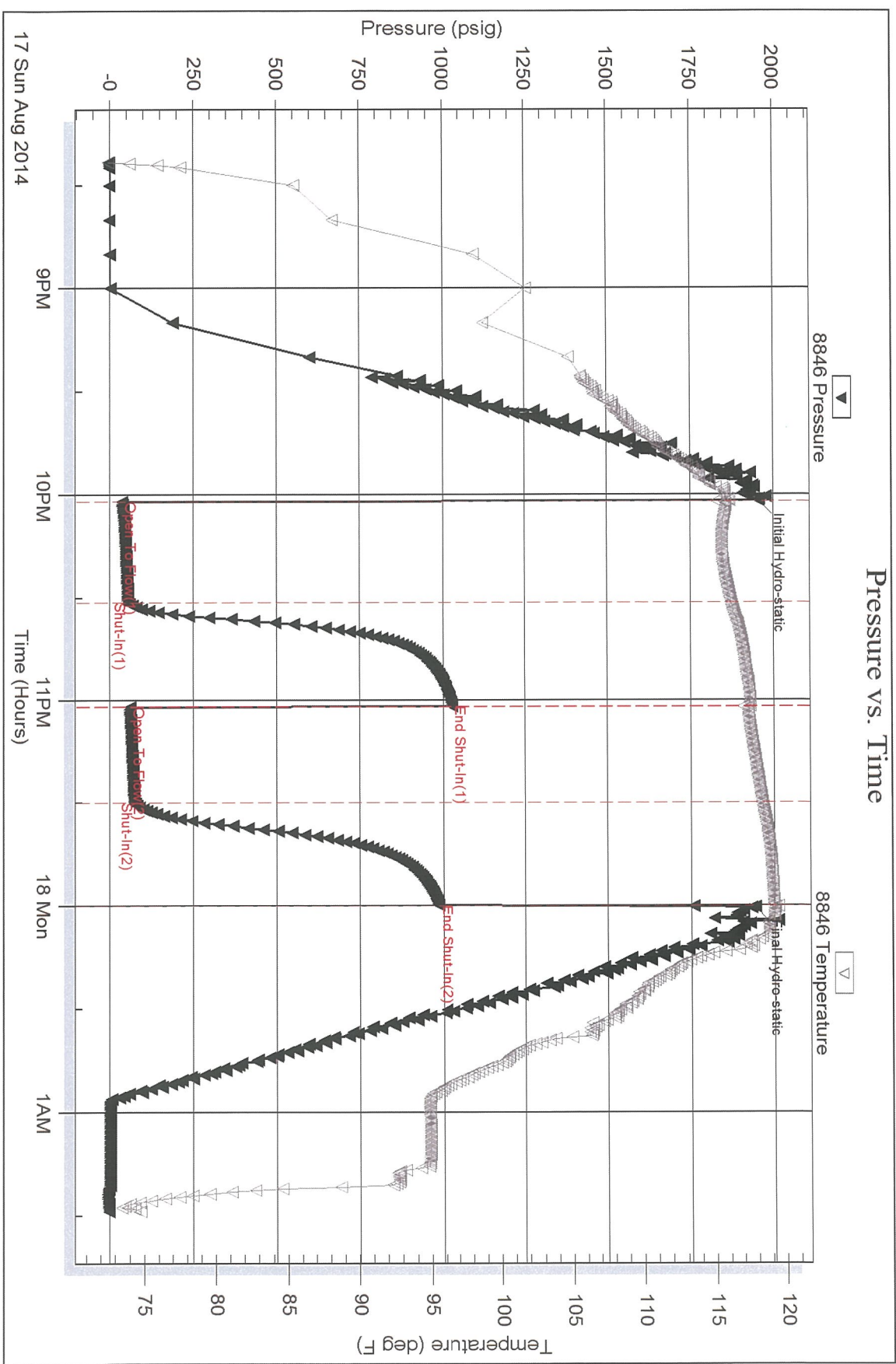
Inside

Palomino Petroleum Inc.

1 C D Atw ell

DST Test Number: 2

### Pressure vs. Time

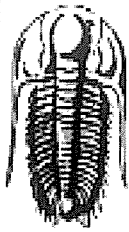


Trilobite Testing, Inc

Ref. No: 59116

Printed: 2014.08.18 @ 05:37:05





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

24-17-27 Lane Co. KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 59117

DST#: 3

ATTN: Ryan Seib

Test Start: 2014.08.18 @ 09:56:15

## GENERAL INFORMATION:

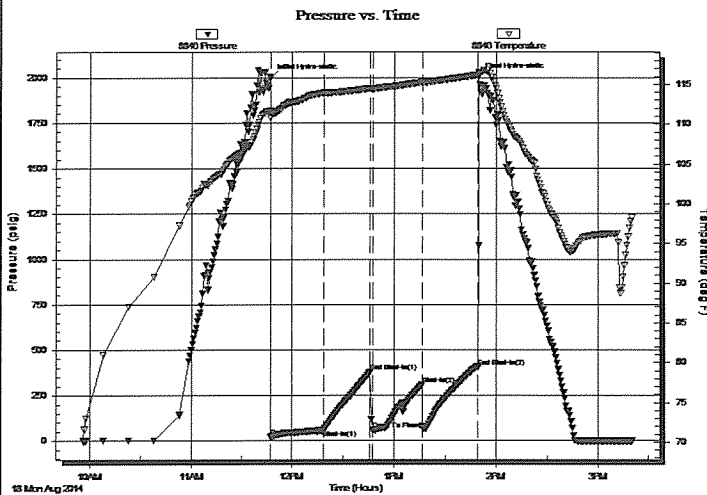
Formation: I-J  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:47:15  
 Time Test Ended: 15:20:45  
 Interval: 4038.00 ft (KB) To 4114.00 ft (KB) (TVD)  
 Total Depth: 4114.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 2551.00 ft (KB)  
 2546.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 8846

Inside

Press@RunDepth: 308.87 psig @ 4043.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.08.18 End Date: 2014.08.18 Last Calib.: 2014.08.18  
 Start Time: 09:56:15 End Time: 15:20:45 Time On Btm: 2014.08.18 @ 11:47:00  
 Time Off Btm: 2014.08.18 @ 13:49:45

TEST COMMENT: IF:Built to 1 1/2" blow  
 IS:No return blow  
 FF:Built to 3" blow  
 FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.77	111.70	Initial Hydro-static
1	21.83	110.74	Open To Flow (1)
32	58.78	113.97	Shut-In(1)
59	377.44	114.53	End Shut-In(1)
61	59.88	114.45	Open To Flow (2)
90	308.87	115.30	Shut-In(2)
123	404.00	116.21	End Shut-In(2)
123	2004.35	116.56	Final Hydro-static

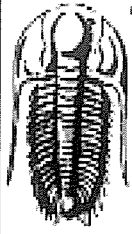
## Recovery

Length (ft)	Description	Volume (bbl)
72.00	gcom w ith 6" oil on top 2%g 8%o 90% m	0.35
62.00	gcom 20%g 20%o 60% m	0.40

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**24-17-27 Lane Co. KS**

4924 SE 84th St  
New ton KS 67114

**1 C D Atwell**

Job Ticket: 59117

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2014.08.18 @ 09:56:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 46.00 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: 1400.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
72.00	gcom with 6" oil on top 2%g 8%o 90%m	0.354
62.00	gcom 20%g 20%o 60%m	0.396

Total Length: 134.00 ft      Total Volume: 0.750 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: API=32 @60

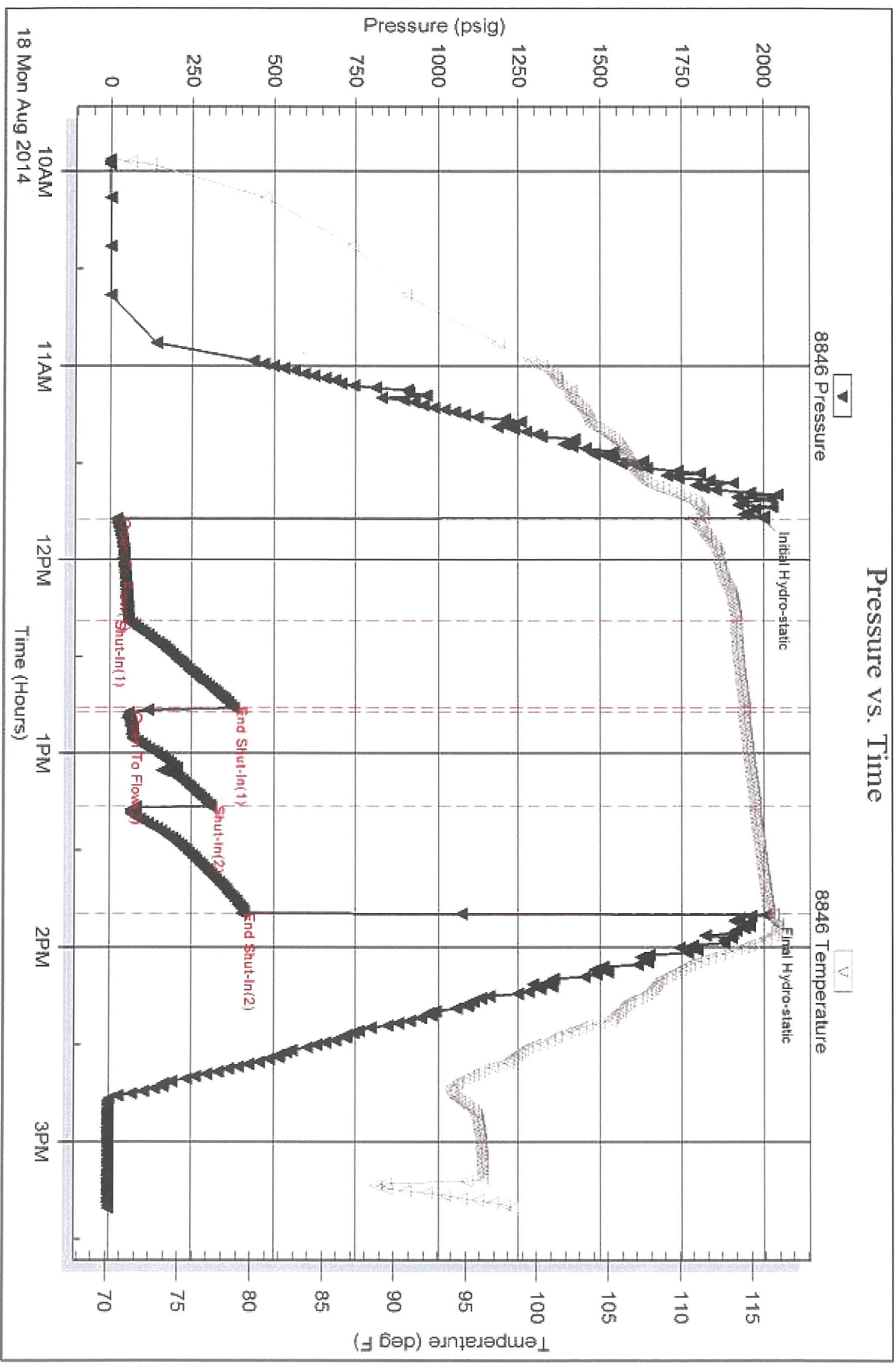
Serial #: 8846

Inside

Palomino Petroleum Inc.

1 C D Alw ell

DST Test Number: 3

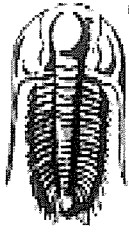


Tribble Testing, Inc

Ref. No: 59117

Printed: 2014.08.18 @ 16:01:18





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

24-17-27 Lane Co. KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 59118

DST#: 4

ATTN: Ryan Seib

Test Start: 2014.08.18 @ 01:15:15

## GENERAL INFORMATION:

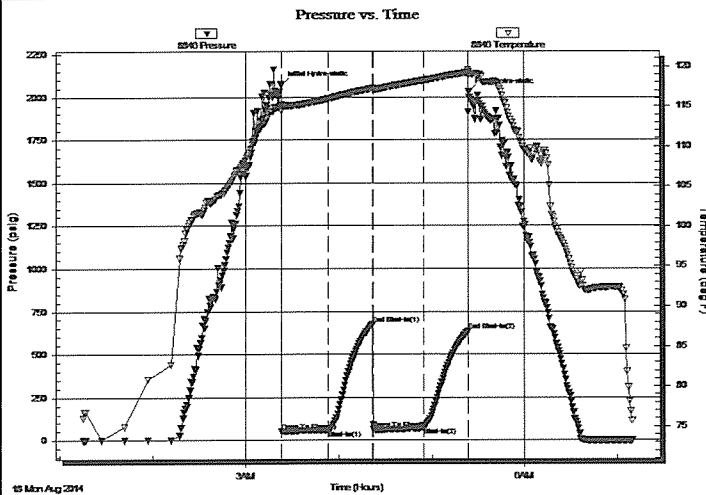
Formation: K-L  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:23:30  
 Time Test Ended: 07:09:45  
 Interval: 4106.00 ft (KB) To 4196.00 ft (KB) (TVD)  
 Total Depth: 4196.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 2551.00 ft (KB)  
 2546.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 8846

Inside

Press@RunDepth: 74.86 psig @ 4111.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.08.18 End Date: 2014.08.18 Last Calib.: 2014.08.19  
 Start Time: 01:15:15 End Time: 07:09:45 Time On Btm: 2014.08.18 @ 03:23:15  
 Time Off Btm: 2014.08.18 @ 05:23:45

TEST COMMENT: IF: Built to 1/8" blow  
 IS: No return blow  
 FF: No blow  
 FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.06	115.29	Initial Hydro-static
1	52.08	114.45	Open To Flow (1)
30	58.32	115.94	Shut-In(1)
59	674.35	117.25	End Shut-In(1)
59	60.74	117.11	Open To Flow (2)
92	74.86	118.23	Shut-In(2)
120	632.90	119.21	End Shut-In(2)
121	2028.50	119.29	Final Hydro-static

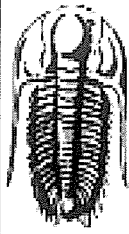
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

24-17-27 Lane Co. KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 59118

DST#: 4

ATTN: Ryan Seib

Test Start: 2014.08.18 @ 01:15:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.83 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

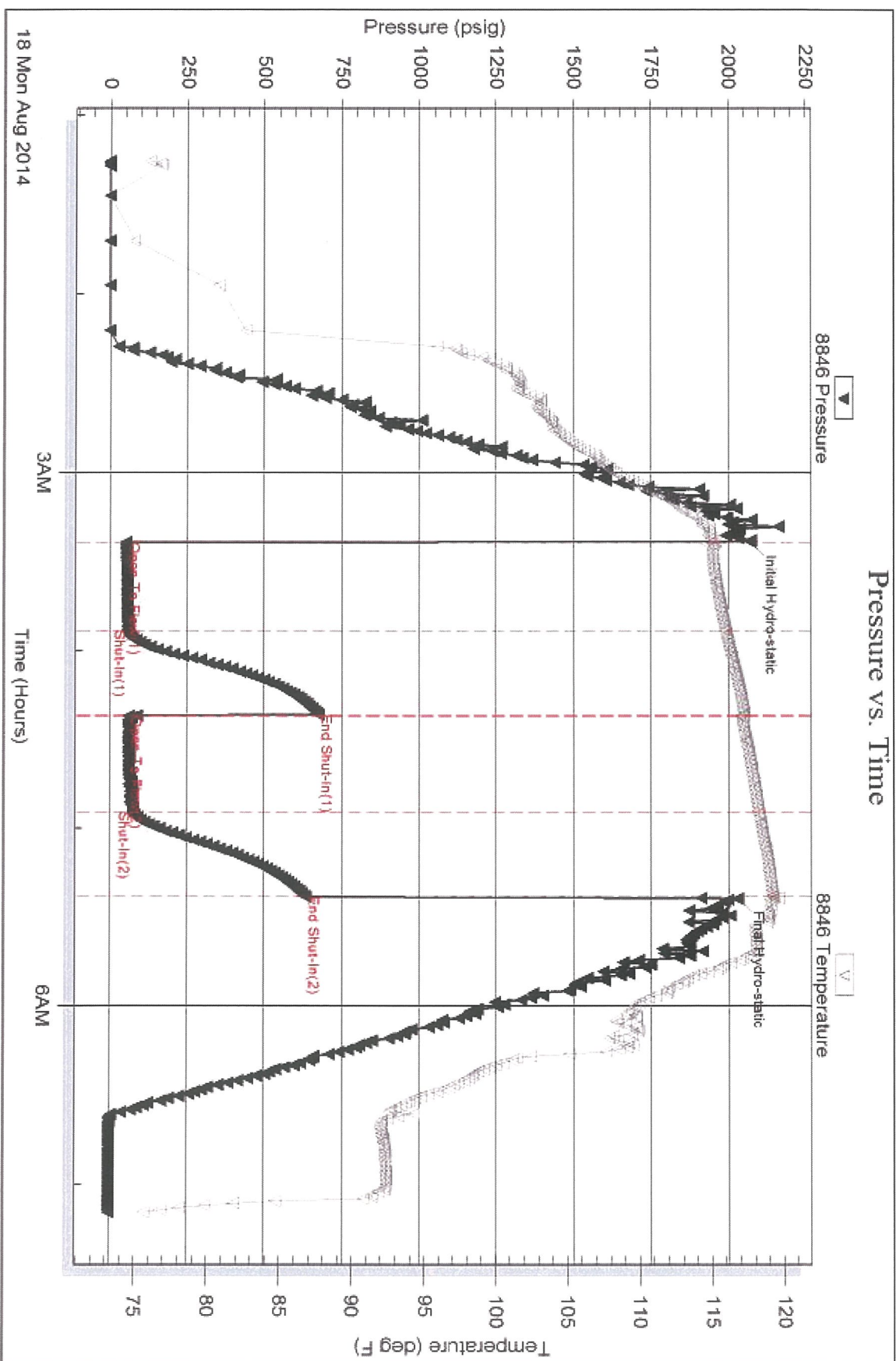
Serial #: 8846

Inside

Palomino Petroleum Inc.

1 C D A/w ell

DST Test Number: 4

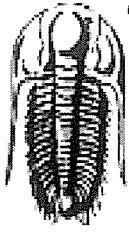


Triobite Testing, Inc

Ref. No: 59118

Printed: 2014.08.19 @ 07:48:09





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

24-17-27 Lane, KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 59119

DST#: 5

ATTN: Ryan Seib

Test Start: 2014.08.19 @ 03:14:15

## GENERAL INFORMATION:

Formation: **Marm. Pawnee. Ft.Sco**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:05:45

Time Test Ended: 09:55:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4178.00 ft (KB) To 4400.00 ft (KB) (TVD)

Total Depth: 4400.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2551.00 ft (KB)

2546.00 ft (CF)

KB to GR/CF: 5.00 ft

## Serial #: 8846

Inside

Press@RunDepth: 732.99 psig @ 4183.00 ft (KB)

Start Date: 2014.08.19

End Date:

2014.08.19

Start Time: 03:14:15

End Time:

09:55:30

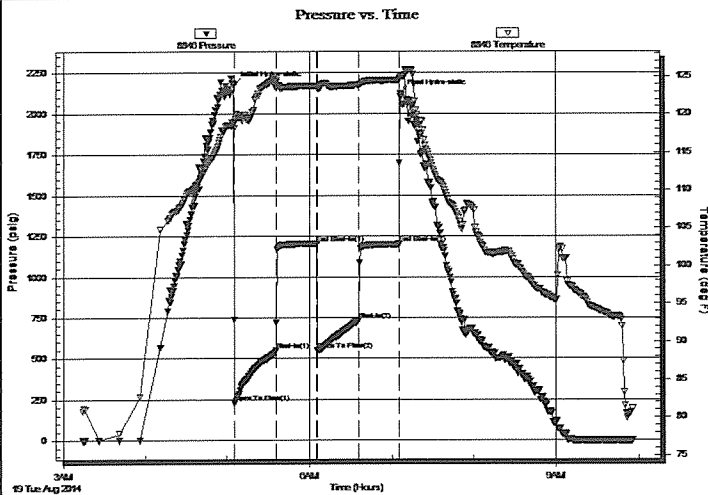
Capacity: 8000.00 psig

Last Calib.: 2014.08.20

Time On Btm: 2014.08.19 @ 05:05:00

Time Off Btm: 2014.08.19 @ 07:06:15

TEST COMMENT: IF:BOB in 2 min.  
IS:Return blow built to 3" blow  
FF:BOB in 2 min.  
FS:RFreturn blow built to 4" blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2176.02	118.92	Initial Hydro-static
1	232.30	118.97	Open To Flow (1)
31	547.64	124.51	Shut-In(1)
61	1203.55	123.69	End Shut-In(1)
61	547.03	123.48	Open To Flow (2)
91	732.99	123.84	Shut-In(2)
120	1200.54	124.48	End Shut-In(2)
122	2120.20	124.93	Final Hydro-static

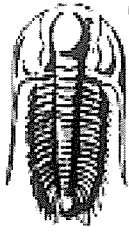
## Recovery

Length (ft)	Description	Volume (bbl)
122.00	gco 20%g 80%o	0.60
682.00	mcgo 10%m 20%g 70%o	9.57
434.00	ocgm 10%o 10%g 80%m	6.09
62.00	ocmg 15%o 40%m 45%g	0.87
62.00	ocgm 10%o 20%g 70%m	0.87
62.00	mud w ith oil trace	0.87

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

24-17-27 Lane, KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 59119

DST#: 5

ATTN: Ryan Seib

Test Start: 2014.08.19 @ 03:14:15

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 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: 11.98 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3300.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	gco 20%g 80%o	0.600
682.00	mcgo 10%m 20%g 70%o	9.567
434.00	ocgm 10%o 10%g 80%m	6.088
62.00	ocmg 15%o 40%m 45%g	0.870
62.00	ocgm 10%o 20%g 70%m	0.870
62.00	mud w ith oil trace	0.870

Total Length: 1424.00 ft      Total Volume: 18.865 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: API= 32@ 80 corrected to 30 @ 60

Serial #: 8846

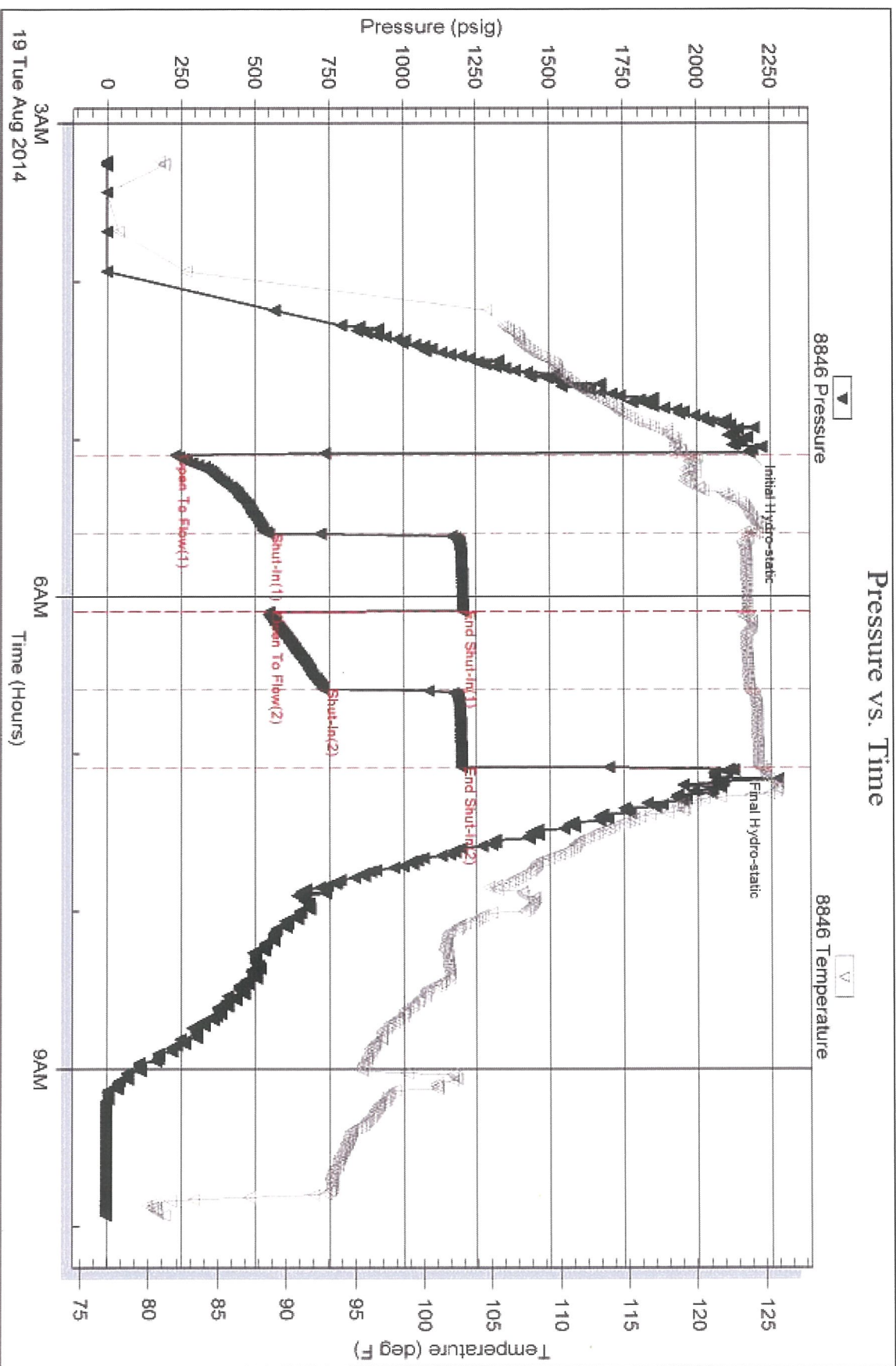
Inside

Palomiro Petroleum Inc.

1 C D Alw ell

DST Test Number: 5

### Pressure vs. Time

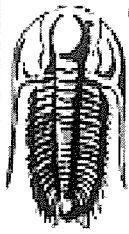


Tribble Testing, Inc

Ref. No: 59119

Printed: 2014.08.20 @ 10:34:21





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

**24-17-27 Lane,KS**  
**1 C D Atwell**  
 Job Ticket: 57719      DST#: 6  
 Test Start: 2014.08.21 @ 05:58:00

## GENERAL INFORMATION:

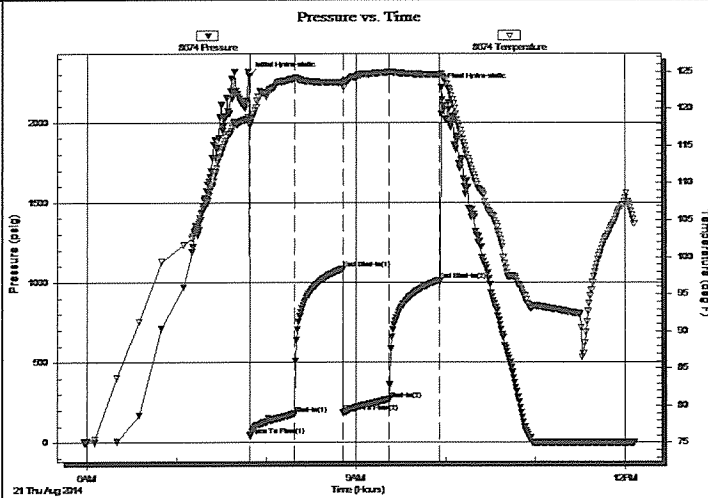
Formation: **Mississippi**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 07:49:10  
 Time Test Ended: 12:05:54  
 Interval: **4396.00 ft (KB) To 4596.00 ft (KB) (TVD)**  
 Total Depth: 4596.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Will MacLean  
 Unit No: 71  
 Reference Elevations: 2551.00 ft (KB)  
 2546.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 8674

Inside

Press@RunDepth: 269.46 psig @ 4398.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2014.08.21      End Date: 2014.08.21      Last Calib.: 2014.08.21  
 Start Time: 05:58:00      End Time: 12:05:54      Time On Btm: 2014.08.21 @ 07:48:40  
 Time Off Btm: 2014.08.21 @ 09:57:10

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 17 1/2min  
 IS- No Blow  
 FF- Weak Surface Blow Built to 11"  
 FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2292.05	118.53	Initial Hydro-static
1	44.07	117.74	Open To Flow (1)
30	179.28	123.97	Shut-In(1)
63	1086.03	123.50	End Shut-In(1)
63	186.16	122.92	Open To Flow (2)
94	269.46	124.91	Shut-In(2)
128	1013.71	124.54	End Shut-In(2)
129	2217.44	124.68	Final Hydro-static

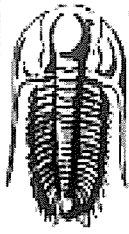
## Recovery

Length (ft)	Description	Volume (bbl)
124.00	WCM 21%w 79%m	0.61
189.00	WCM 11%w 89%m	2.65
182.00	WCM 4%w 96%m	2.55

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

24-17-27 Lane, KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 57719

DST#: 6

ATTN: Ryan Seib

Test Start: 2014.08.21 @ 05:58:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

24500 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	WCM 21%w 79%m	0.610
189.00	WCM 11%w 89%m	2.651
182.00	WCM 4%w 96%m	2.553

Total Length: 495.00 ft      Total Volume: 5.814 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .219 @ 85f = 24500

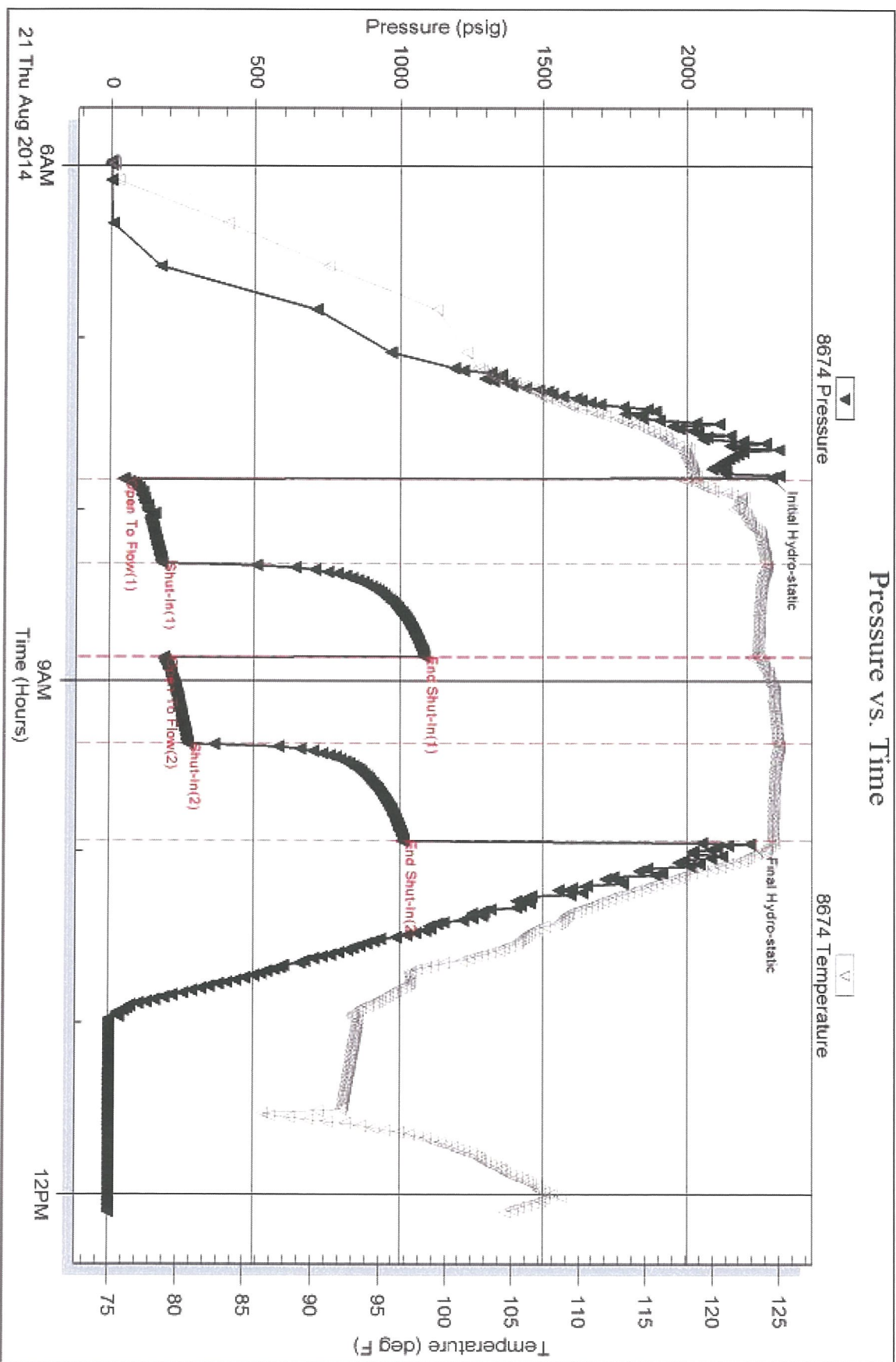
Serial #: 8674

Inside

Palomino Petroleum Inc.

1 C D A/w ell

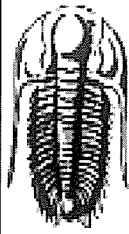
DST Test Number: 6



Triobite Testing, Inc

Ref. No: 57719

Printed: 2014.08.21 @ 13:13:14



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

24-17-27 Lane,KS

4924 SE 84th St  
New ton KS 67114

1 C D Atwell

Job Ticket: 57719

DST#: 6

ATTN: Ryan Seib

Test Start: 2014.08.21 @ 05:58:00

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:49:10

Time Test Ended: 12:05:54

Test Type: Conventional Bottom Hole (Reset)

Tester: Will MacLean

Unit No: 71

Interval: **4396.00 ft (KB) To 4596.00 ft (KB) (TVD)**

Reference Elevations: 2551.00 ft (KB)

Total Depth: 4596.00 ft (KB) (TVD)

2546.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

## Serial #: 8674

Inside

Press@RunDepth: 269.46 psig @ 4398.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.08.21

End Date:

2014.08.21

Last Calib.: 2014.08.21

Start Time: 05:58:00

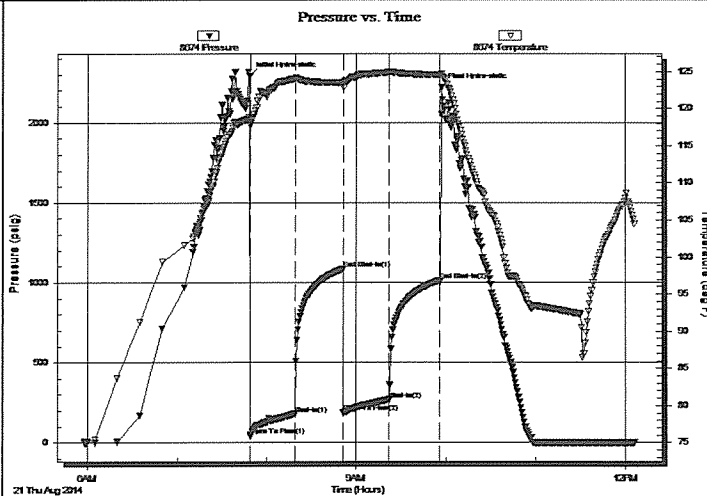
End Time:

12:05:54

Time On Btm: 2014.08.21 @ 07:48:40

Time Off Btm: 2014.08.21 @ 09:57:10

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 17 1/2min  
IS- No Blow  
FF- Weak Surface Blow Built to 11"  
FS- No Blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2292.05	118.53	Initial Hydro-static
1	44.07	117.74	Open To Flow (1)
30	179.28	123.97	Shut-In(1)
63	1086.03	123.50	End Shut-In(1)
63	186.16	122.92	Open To Flow (2)
94	269.46	124.91	Shut-In(2)
128	1013.71	124.54	End Shut-In(2)
129	2217.44	124.68	Final Hydro-static

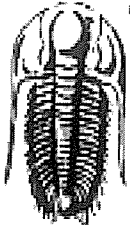
## Recovery

Length (ft)	Description	Volume (bbl)
124.00	WCM 21%w 79%m	0.61
189.00	WCM 11%w 89%m	2.65
182.00	WCM 4%w 96%m	2.55

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**24-17-27 Lane,KS**

4924 SE 84th St  
New ton KS 67114

**1 C D Atwell**

Job Ticket: 57719

**DST#: 6**

ATTN: Ryan Seib

Test Start: 2014.08.21 @ 05:58:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	24500 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.80 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	WCM 21%w 79%m	0.610
189.00	WCM 11%w 89%m	2.651
182.00	WCM 4%w 96%m	2.553

Total Length: 495.00 ft      Total Volume: 5.814 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .219 @ 85f = 24500



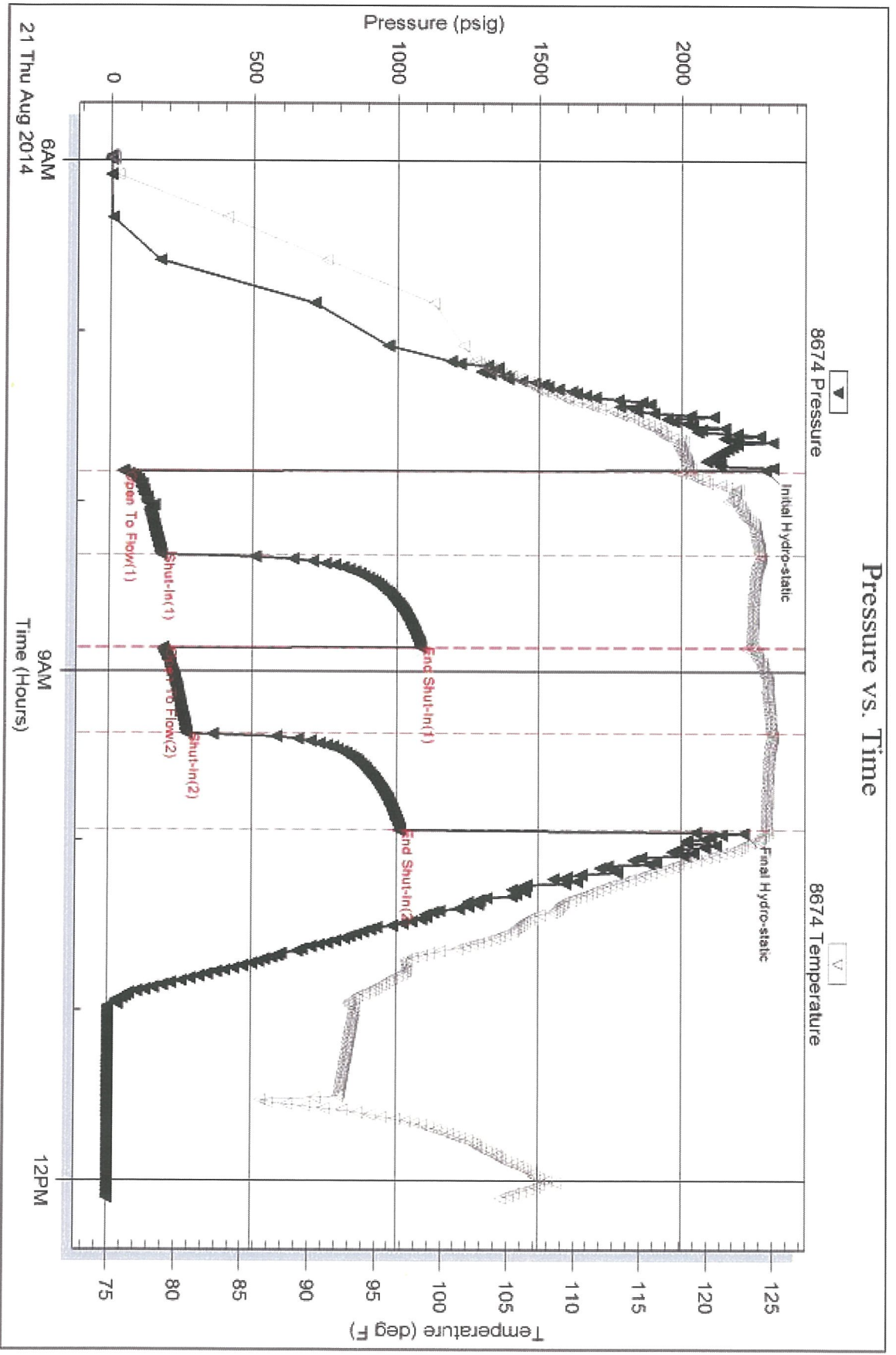
Serial #: 8674

Inside

Palomino Petroleum Inc.

1 C D A/w ell

DST Test Number: 6



Tribble Testing, Inc

Ref. No: 57719

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