



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

RECEIVED

SEP 02 2014

INVOICE

Invoice Number: 145196

Invoice Date: Aug 20, 2014

Page: 1

Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Field Ticket #	Payment Terms	
Palo	63711	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-04	Great Bend	Aug 20, 2014	9/19/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Lew-Ta #1		
280.00	CEMENT MATERIALS	65/35 6% Gel Blend	19.88	5,566.40
70.00	CEMENT MATERIALS	Flo Seal	2.97	207.90
2.00	CEMENT MATERIALS	C-41	28.50	57.00
304.92	CEMENT SERVICE	Cubic Feet Charge	2.48	756.20
436.92	CEMENT SERVICE	Ton Mileage Charge	2.75	1,201.53
1.00	CEMENT SERVICE	Port Collar	2,249.84	2,249.84
33.00	CEMENT SERVICE	Pump Truck Mileage	7.70	254.10
33.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	145.20
1.00	CEMENT SUPERVISOR	Charles Kinyon		
1.00	CEMENT SUPERVISOR	Kevin Eddy		
1.00	OPERATOR ASSISTANT	Kevin Weighous		

Subtotal	10,438.17
Sales Tax	416.94
Total Invoice Amount	10,855.11
Payment/Credit Applied	
TOTAL	10,855.11

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2,609.54

ONLY IF PAID ON OR BEFORE
Sep 19, 2014

ALLIE OIL & GAS SERVICE, LLC 063711

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: great Bend

8-20-14	SEC 24	TWP 17	RANGE 27	CALLED OUT	ON LOCATION 9:00am	JOB START 10:30am	JOB FINISH 11:30am	
DATE								
LEASE	WELL # 1		LOCATION <u>near city rd to turkey red</u>			COUNTY <u>Lane</u>	STATE <u>Kc</u>	
<input checked="" type="radio"/> OLD OR NEW (Circle one)			Rd N to open Range					

CONTRACTOR Chayenne well services

TYPE OF JOB port collar

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 DEPTH

TUBING SIZE 2 3/8 DEPTH 1924

DRILL PIPE DEPTH

TOOL port collar DEPTH 1924

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT H2O 6 BBL

OWNER Name

CEMENT

AMOUNT ORDERED 350 24 65135 67 gal
4 pps (280 24 used)

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

ASC @ _____

2800x 65/35+690 @ 19.88 5566.40

41000 70 @ 2.97 207.90

2 Gal C-41 @ 28.50 57.00

Materials Total 5831.30

Disc @ 25% 1457.83

2 gal E-416 @ _____

HANDLING 304.92 X @ 2.48 756.20

MILEAGE 13.24 X 33 X 2.25 121.53

EQUIPMENT

PUMP TRUCK CEMENTER Charles King

597 HELPER Kevin eddy

BULK TRUCK

870-844 DRIVER Kevin Zweighouse

BULK TRUCK

_____ DRIVER _____

REMARKS:

hook to backside pressure to 1000#
held open port collar min 280
24 65135 67 gal 4 pps displace
6 BBL H2O cement did circulate
close port collar pressure to 1000#
held run 5 joints reverse taking
clear

DEPTH OF JOB 1924

PUMP TRUCK CHARGE 2249.84

EXTRA FOOTAGE @ _____

MILEAGE Hum 33 @ 7.70 254.10

MANIFOLD @ _____

2 2m 33 @ 4.40 145.20

CHARGE TO: palomino

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 4606.87
Disc 25% 1151.71

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

0% TOTAL 0

Thank you!

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (if Any) _____

TOTAL CHARGES 10.438.17

DISCOUNT 25% 2,609.54 (25/23/0)

IF PAID IN 30 DAYS

7,828.63

PRINTED NAME Glenn Hinkel

SIGNATURE Glenn Hinkel



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



RECEIVED

AUG 15 2014 Invoice

DATE	INVOICE #
8/12/2014	27803

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	Lew-Ta	Lane	WW Drilling #10	Oil	Development	5-1/2" LongString	Jason
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
403-5	5 1/2" Cement Basket				2	Each	300.00	600.00T
404-5	5 1/2" Port Collar - 1923 Feet				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
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
276	Flocele				60	Lb(s)	2.50	150.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
325	Standard Cement				100	Sacks	14.50	1,450.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	18.50	2,312.50T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				343.65	Ton Miles	1.00	343.65
	Subtotal							12,945.15
	Sales Tax Lane County						7.15%	748.71

We Appreciate Your Business!

Total

\$13,693.86



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

TICKET 27803

PAGE 1 OF 2

SERVICE LOCATION: **NESS CITY, KS** WELL/PROJECT NO.: **LEW-TA #1** LEASE: **LANE** COUNTY/PARISH: **LANE** STATE: **KS** CITY: **ALAMOGA, KS.** DATE: **12 AUG 14** OWNER:
 1. **NESS CITY, KS** CONTRACTOR: **WWD DRILLING #10** RIG NAME/NO.: **56 HOUSTRINK** SHIPPED VIA: **DELIVERED TO** ORDER NO.:
 2. TICKET TYPE: SERVICE SALES
 3. WELL TYPE: **OIL** WELL CATEGORY: **DEVELOPMENT** JOB PURPOSE: **56 HOUSTRINK** WELL PERMIT NO.:
 4. REFERRAL LOCATION: **OIL** INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT								
575					115	30	MIL			6.00	180.00
578				PUMP CHARGE		1500				1500.00	1500.00
403				CEMENT BASKETS		300				600.00	600.00
404				PORT COLLAR		1 EA.		1923 FT.		2900.00	2900.00
406				LATCH DOWN PLUG & BAFFLE		1 EA.				275.00	275.00
407				INSERT FLOAT SHOE W/ FILL		1 EA.				375.00	375.00
409				TURBOLETTERS		10 EA.				90.00	900.00
419				ROTATING HEAD REPAIR		1000				200.00	200.00
281				MUD FLUSH		500 GAL				1.25	625.00
281				LIQUID KEL		50 GAL				2.00	1000.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.
 MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

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

DATE SIGNED: **13 AUG 14** TIME SIGNED: **6:45** A.M. / P.M.
 X *Blaine Winkler*

DATE SIGNED: **13 AUG 14** TIME SIGNED: **6:45** A.M. / P.M.
 X *Blaine Winkler*

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: *[Signature]* APPROVAL: *[Signature]*
 TOTAL: **13,693.86**
 Lane TAX 7.15% 748.71
 Subtotal 12945.15
 17655.15
 5290.00
 748.71
 13,693.86
 Thank You!



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

TICKET CONTINUATION

TICKET No. 27803

CUSTOMER: **Phalomid Petroleum**

WELL: **Leus-TA #1**

DATE: **13 AUG 14** PAGE: **21** OF **2**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
276							100	lbs			2.50	150.00
283						SALT	500	lbs			.30	150.00
284						VALSEAL	5	5X			35.00	175.00
285						DFR-1	50	lbs			4.50	225.00
290						D-AIR	2	gal			42.00	84.00
325						STANDARD EA-2	100	5X			14.50	1450.00
330						SMD CEMENT	125	5X			18.50	2312.50
581						SERVICE CHARGE					2.00	450.00
583						MILEAGE CHARGE					1.00	343.00
							TOTAL MILES	343				
							LOADED MILES	30				
							CUBIC FEET	2255				
							TON MILES	343.605				

CONTINUATION TOTAL 5290.15

JOB LOG

SWIFT Services, Inc.

DATE 12 Aug 14 PAGE NO.

CUSTOMER PALOMINO PETROLEUM WELL NO. LEASE LEW-TA #1 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 27803

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0230							ON LOCATION
	0215							START PIPE 5 1/2 - 14" RTD @ 4526 LTD @ 4528 SHOE JT. 43.39 CENTRALIZERS 1,3,5,7,9,10,12,14,16,601 BASKETS 2,62 PORT COLLAR # 62 @ 1923
	0413							DROP BALL - CIRCULATE
	0512	6	12		✓		300	Pump 500 gal MUD FLUSH
		6	20		✓		300	Pump 20 BBL KCL SPACER
	0519		7					PLUG RH-30sx
	0522	4	36		✓			MIX 95 SX SMD
		4	24		✓			MIX 100 SX EA-2
	0542							WASH OUT Pump & LINES.
	0546	6			✓			START DISPLACING PLUG
	0605	8	109 1/2		✓		1500	PLUG DOWN LATCH PLUG IN
	0607				✓			RELEASE PSI - DRY
	0608							WASH TRUCK
	0645							JOB COMPLETE.
								THANKS #115
								JASON DONG ISAAC



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED
AUG 18 2014

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

INVOICE

Invoice # 270173

=====
Invoice Date: 08/15/2014 Terms: 10/10/10,n/30 Page 1
=====

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

LEW TA#1
46641
24-17S-27W
8-4-14
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	-180.87
9996-130	CEMENT MATERIAL DISCOUNT	-358.16

Description	Hours	Unit Price	Total
397 MIN. BULK DELIVERY	1.00	474.95	474.95
456 CEMENT PUMP (SURFACE)	1.00	1150.00	1150.00
456 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.25	183.75

Amount Due 5646.32 if paid after 08/25/2014

Parts:	3581.55	Freight:	.00	Tax:	230.46	AR	5081.68
Labor:	.00	Misc:	.00	Total:	5081.68		
Sublt:	-539.03	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

270173

TICKET NUMBER 46641
LOCATION Oakley, MO
FOREMAN Miles 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
8-4-14	0225	Lew -TA #1	24	17S	27W	Lane
CUSTOMER <u>Palomino</u>						
MAILING ADDRESS						
CITY						
STATE						
ZIP CODE						

JOB TYPE Surface HOLE SIZE 7 7/8" 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 11 1/2 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig up on well drilling rig #40 Circulate casing
Mix 11.55 lbs class A Cement with 3% calcium 2% gel displaced
12 1/2 bbls water Shut in Cement did circulate 4 bbls to pit

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>5405</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>1150.00</u>	<u>1150.00</u>
<u>5406</u>	<u>35</u>	<u>MILEAGE</u>	<u>5.25</u>	<u>183.75</u>
<u>5407</u>	<u>7.75</u>	<u>Ton Mileage delivery</u>	<u>1.75</u>	<u>474.95</u>
<u>1102</u>	<u>465 #</u>	<u>Calcium Chloride</u>	<u>.94</u>	<u>437.10</u>
<u>1104S</u>	<u>165</u>	<u>Class A Cement</u>	<u>18.55</u>	<u>3060.75</u>
<u>1118B</u>	<u>310 #</u>	<u>Bentonite gel</u>	<u>.27</u>	<u>83.70</u>
			<u>Subtotal</u>	<u>5390.25</u>
			<u>less 10% discount</u>	<u>539.03</u>
			<u>Subtotal</u>	<u>4851.22</u>
			<u>SALES TAX</u>	<u>230.46</u>
			<u>ESTIMATED TOTAL</u>	<u>5081.68</u>

Ravin 3737

AUTHORIZATION  TITLE T.P. DATE 8-4-14

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
4924 SE 84th ST
New ton, KS 67114
ATTN: Ryan Seib

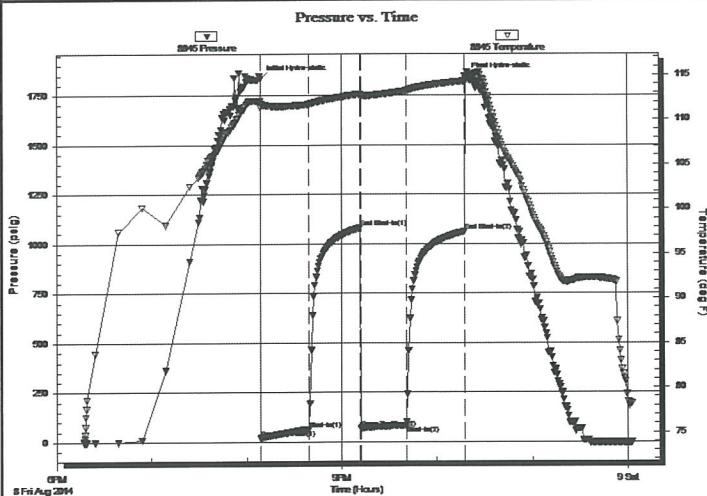
24-17s-27w Lane co.
LEW- TA #1
Job Ticket: 59584 **DST#: 1**
Test Start: 2014.08.08 @ 18:17:00

GENERAL INFORMATION:

Formation: **Lansing " A-B-C "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:08:45
Time Test Ended: 00:03:00
Interval: **3848.00 ft (KB) To 3920.00 ft (KB) (TVD)**
Total Depth: 3920.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Samuel Esparza
Unit No: 72
Reference Elevations: 2559.00 ft (KB)
2554.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8845 Inside
Press@RunDepth: 83.81 psig @ 3849.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.08.08 End Date: 2014.08.09 Last Calib.: 2014.08.09
Start Time: 18:17:05 End Time: 00:02:59 Time On Btm: 2014.08.08 @ 20:08:30
Time Off Btm: 2014.08.08 @ 22:17:45

TEST COMMENT: IF: 2 1/2" Blow .
ISl: No Return.
FF: 1" Blow .
FSl: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1834.81	112.06	Initial Hydro-static
1	19.27	111.33	Open To Flow (1)
31	63.51	111.70	Shut-In(1)
63	1080.20	112.84	End Shut-In(1)
64	68.52	112.43	Open To Flow (2)
92	83.81	113.20	Shut-In(2)
129	1061.68	114.31	End Shut-In(2)
130	1841.12	114.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
135.00	WM 10w 90m	0.77

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

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

24-17s-27w Lane co.
LEW- TA #1
Job Ticket: 59584 DST#: 1
Test Start: 2014.08.08 @ 18:17:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
135.00	WM 10w 90m	0.773

Total Length: 135.00 ft Total Volume: 0.773 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8845

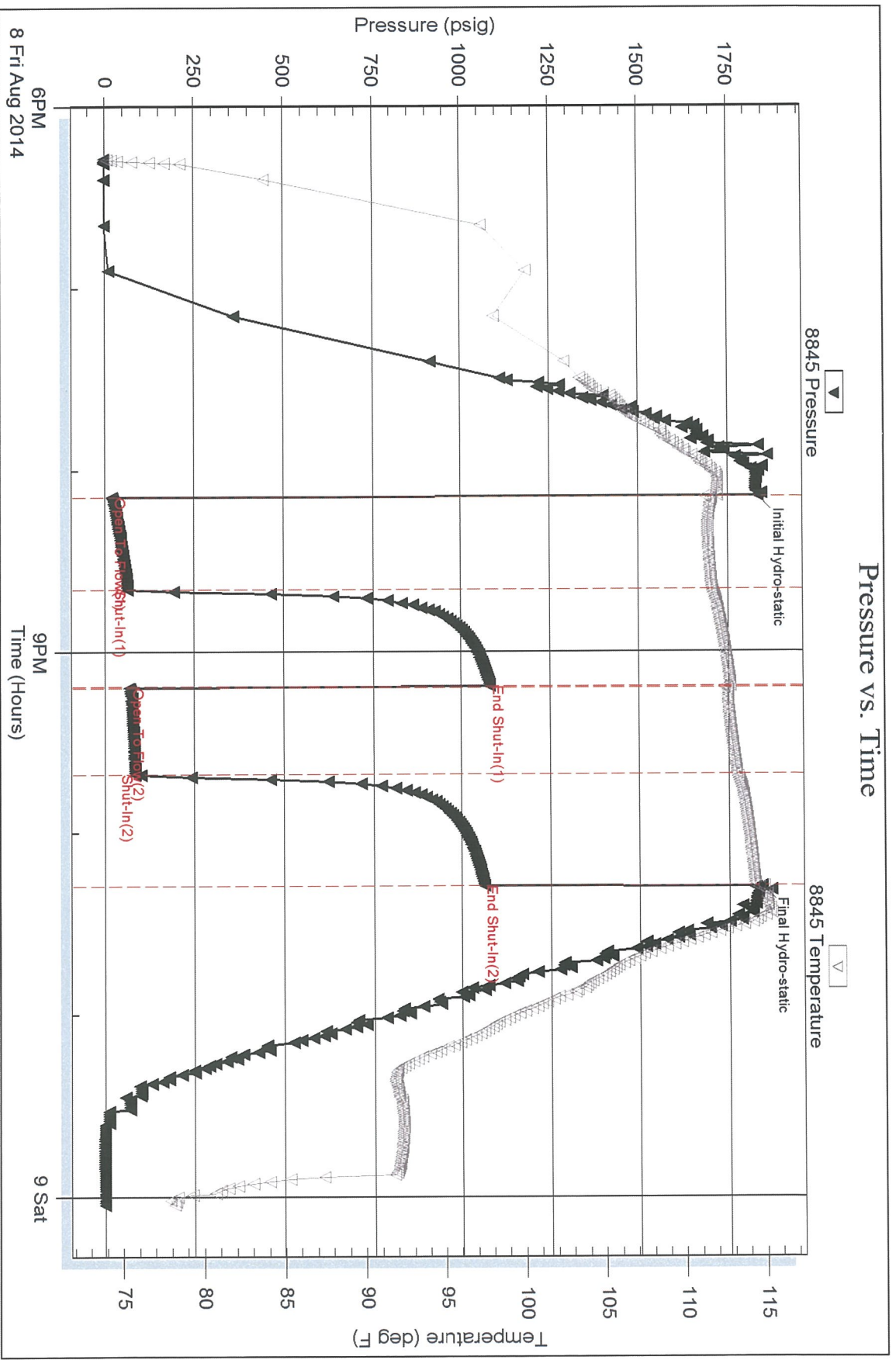
Inside

Palomino Petroleum

LEW- TA #1

DST Test Number: 1

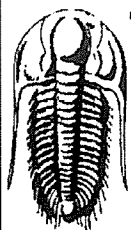
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 59584

Printed: 2014.08.09 @ 05:29:53



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

24-17s-27w Lane co.

4924 SE 84th ST
New ton, KS 67114

LEW- TA #1

Job Ticket: 59585

DST#: 2

ATTN: Ryan Seib

Test Start: 2014.08.09 @ 10:08:00

GENERAL INFORMATION:

Formation: **Lansing "G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:31:00

Time Test Ended: 15:15:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 72

Interval: **3943.00 ft (KB) To 4005.00 ft (KB) (TVD)**

Total Depth: 4005.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2559.00 ft (KB)

2554.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8845** Inside

Press@RunDepth: 22.47 psig @ 3944.00 ft (KB)

Start Date: 2014.08.09

End Date: 2014.08.09

Start Time: 10:08:05

End Time: 15:15:29

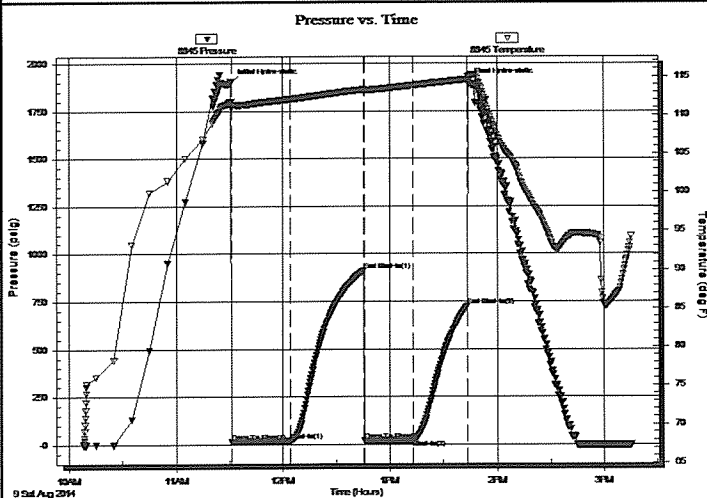
Capacity: 8000.00 psig

Last Calib.: 2014.08.09

Time On Btm: 2014.08.09 @ 11:30:45

Time Off Btm: 2014.08.09 @ 13:43:45

TEST COMMENT: IF: 1/4" Blow died back to a Weak Surface Blow.
IS: No Return.
FF: No Blow.
FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1900.73	111.70	Initial Hydro-static
1	14.96	110.80	Open To Flow (1)
34	18.65	112.05	Shut-In(1)
75	911.22	113.26	End Shut-In(1)
75	20.26	113.05	Open To Flow (2)
102	22.47	113.82	Shut-In(2)
133	725.80	114.57	End Shut-In(2)
133	1896.70	114.91	Final Hydro-static

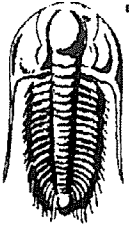
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

24-17s-27w Lane co.
LEW- TA #1
Job Ticket: 59585 **DST#: 2**
Test Start: 2014.08.09 @ 10:08:00

GENERAL INFORMATION:

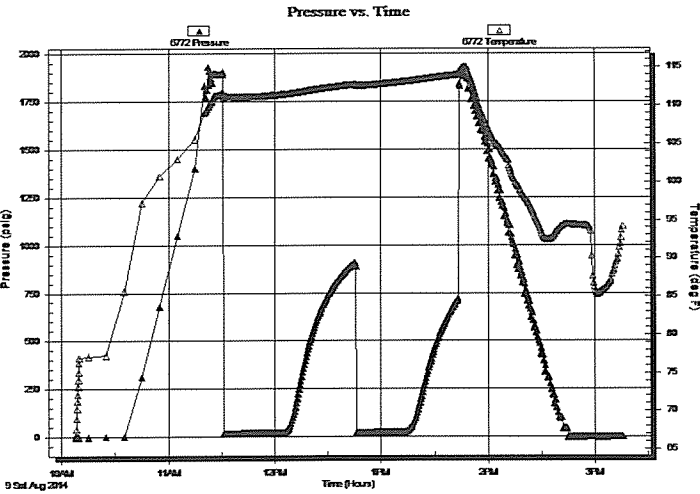
Formation: **Lansing "G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:31:00
 Time Test Ended: 15:15:30
 Interval: **3943.00 ft (KB) To 4005.00 ft (KB) (TVD)**
 Total Depth: 4005.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Samuel Esparza
 Unit No: 72
 Reference Elevations: 2559.00 ft (KB)
 2554.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6772

Outside

Press@RunDepth: psig @ 3944.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2014.08.09 End Date: 2014.08.09 Last Calib.: 2014.08.09
 Start Time: 10:08:05 End Time: 15:15:44 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 1/4" Blow died back to a Weak Surface Blow.
 IS: No Return.
 FF: No Blow.
 FSI: No Return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m	0.02

* Recovery from multiple tests

Gas Rates

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

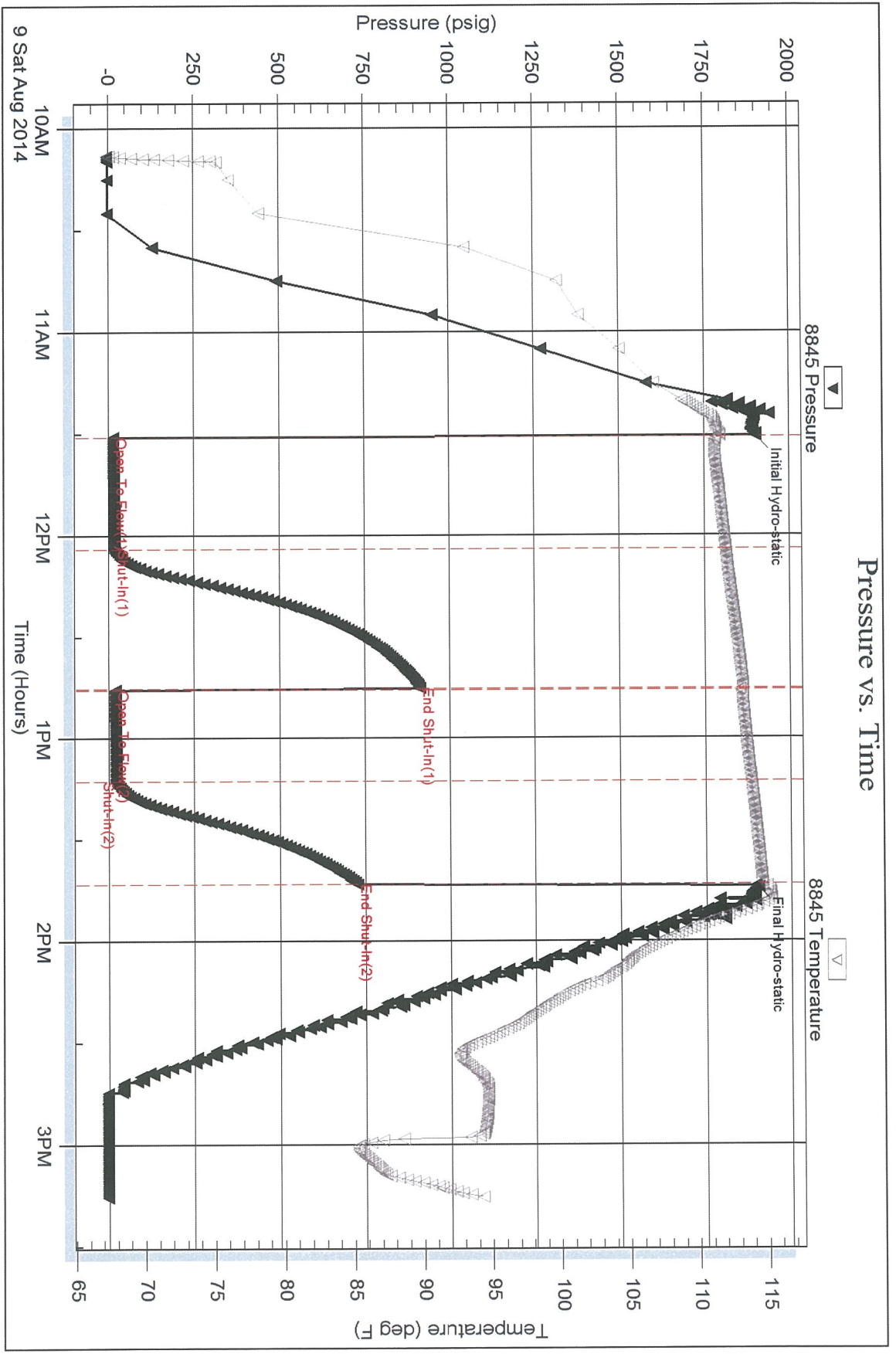
Serial #: 8845

Inside Palomino Petroleum

LEM- TA #1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 59585

Printed: 2014.08.09 @ 17:33:07

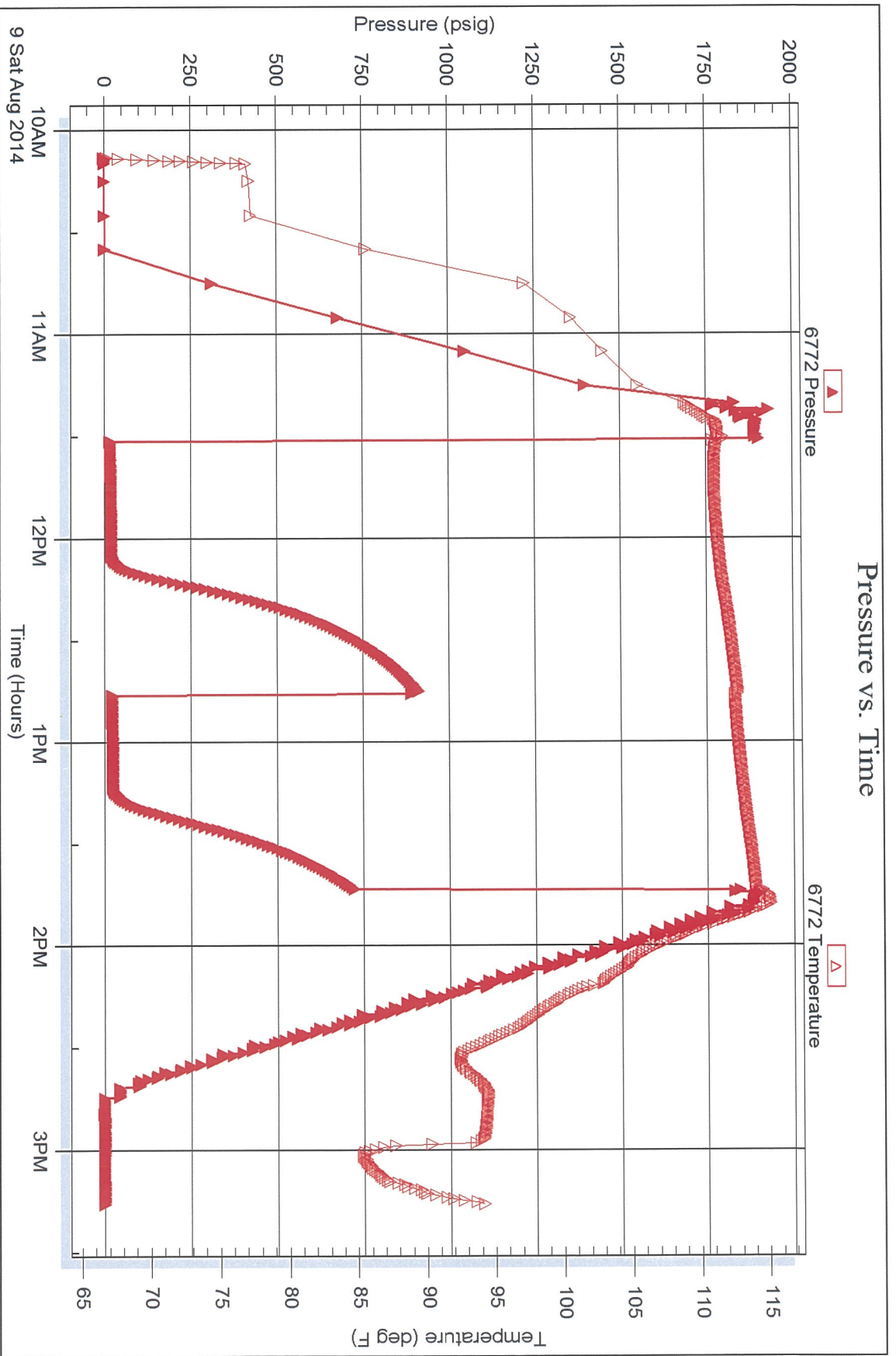
Serial #: 6772

Outside

Palomino Petroleum

LEM- TA #1

DST Test Number: 2





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

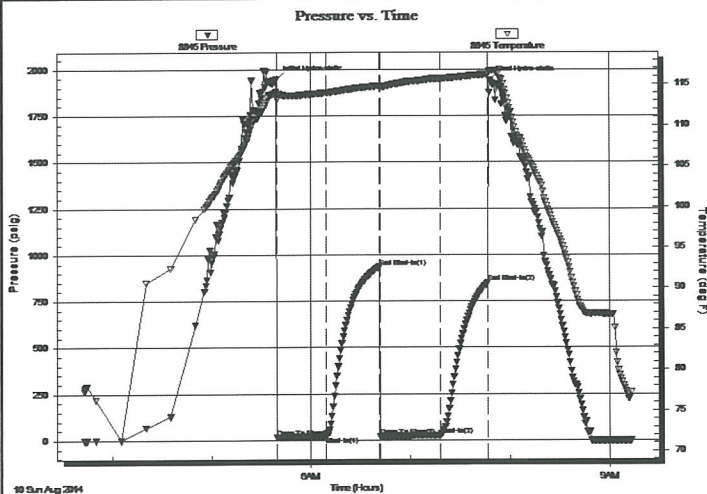
24-17s-27w Lane co.
LEW- TA #1
 Job Ticket: 59586 **DST#:3**
 Test Start: 2014.08.10 @ 03:43:00

GENERAL INFORMATION:

Formation: **Lansing " H-I"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 05:39:30 Tester: Samuel Esparza
 Time Test Ended: 09:12:45 Unit No: 72
 Interval: **4011.00 ft (KB) To 4078.00 ft (KB) (TVD)** Reference Elevations: 2559.00 ft (KB)
 Total Depth: 4078.00 ft (KB) (TVD) 2554.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8845 Inside
 Press@RunDepth: 26.41 psig @ 4012.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.10 End Date: 2014.08.10 Last Calib.: 2014.08.10
 Start Time: 03:43:05 End Time: 09:12:44 Time On Btm: 2014.08.10 @ 05:39:15
 Time Off Btm: 2014.08.10 @ 07:47:45

TEST COMMENT: IF: 1/4" Blow .
 IS: No Return.
 FF: No Blow .
 FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1944.39	114.17	Initial Hydro-static
1	15.92	113.11	Open To Flow (1)
30	19.35	113.97	Shut-In(1)
62	934.47	114.82	End Shut-In(1)
63	21.68	114.61	Open To Flow (2)
99	26.41	115.72	Shut-In(2)
128	848.27	116.23	End Shut-In(2)
129	1940.48	116.66	Final Hydro-static

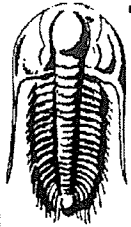
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Spots)	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

24-17s-27w Lane co.
LEW- TA #1
 Job Ticket: 59586 **DST#:3**
 Test Start: 2014.08.10 @ 03:43:00

GENERAL INFORMATION:

Formation: **Lansing " H-I"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:39:30
 Time Test Ended: 09:12:45
Interval: 4011.00 ft (KB) To 4078.00 ft (KB) (TVD)
 Total Depth: 4078.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

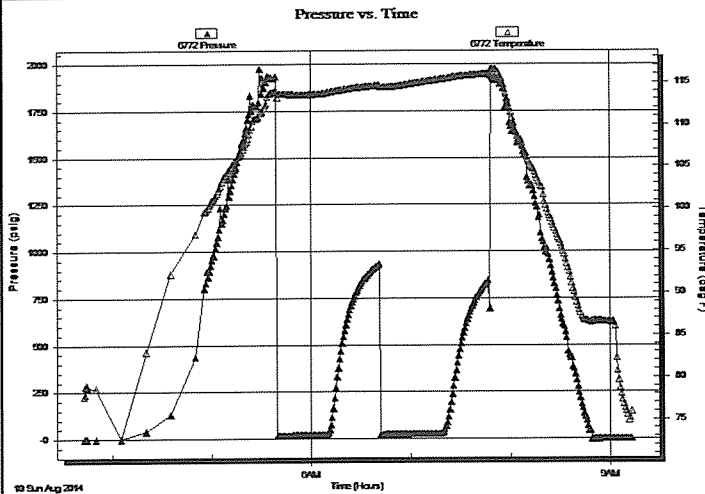
Test Type: Conventional Bottom Hole (Reset)
 Tester: Samuel Esparza
 Unit No: 72
 Reference Elevations: 2559.00 ft (KB)
 2554.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6772 Outside

Press@RunDepth: psig @ 4012.00 ft (KB)
 Start Date: 2014.08.10 End Date: 2014.08.10
 Start Time: 03:43:05 End Time: 09:12:59

Capacity: 8000.00 psig
 Last Calib.: 2014.08.10
 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: 1/4" Blow.
 IS: No Return.
 FF: No Blow.
 FS: No Return.



PRESSURE SUMMARY

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

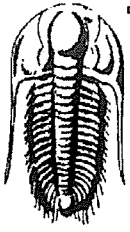
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Spots)	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

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

24-17s-27w Lane co.
LEW- TA #1
Job Ticket: 59586 DST#: 3
Test Start: 2014.08.10 @ 03:43:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100m (Oil Spots)	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 #: 8845

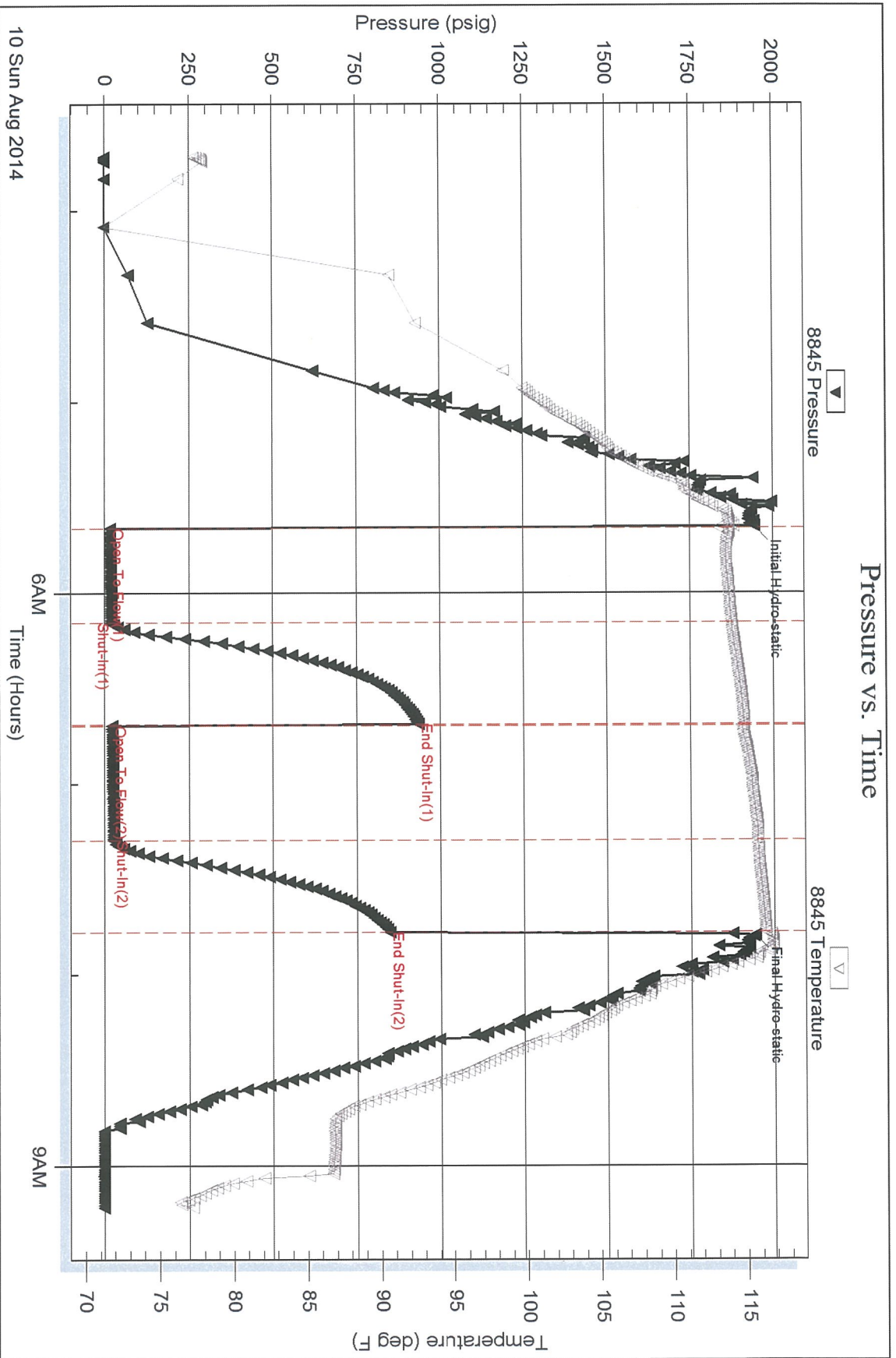
Inside

Palomino Petroleum

LEW- TA#1

DST Test Number: 3

Pressure vs. Time

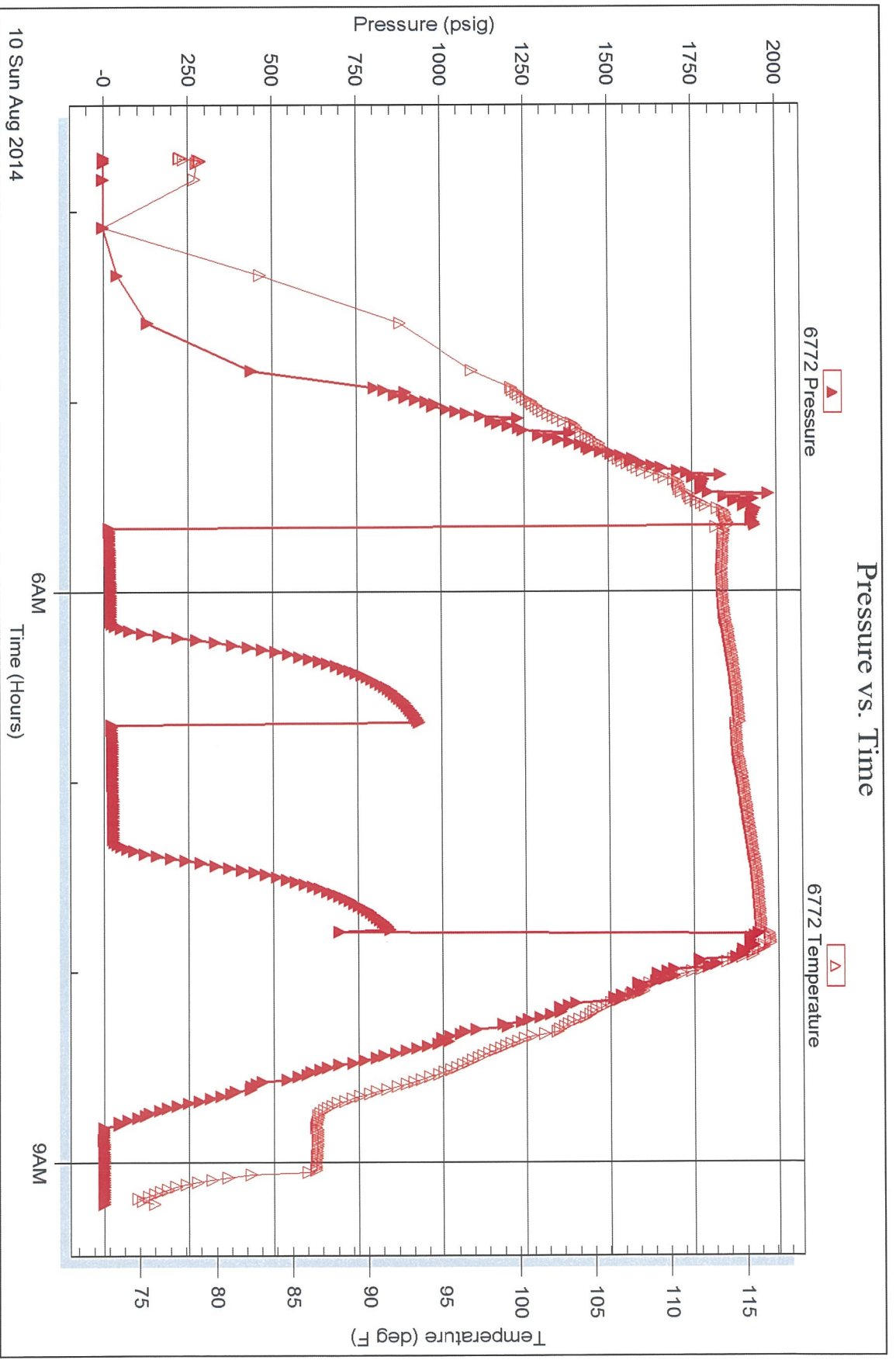


Serial #: 6772

Outside Palomino Petroleum

LEW- TA #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59586

Printed: 2014.08.10 @ 14:28:14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

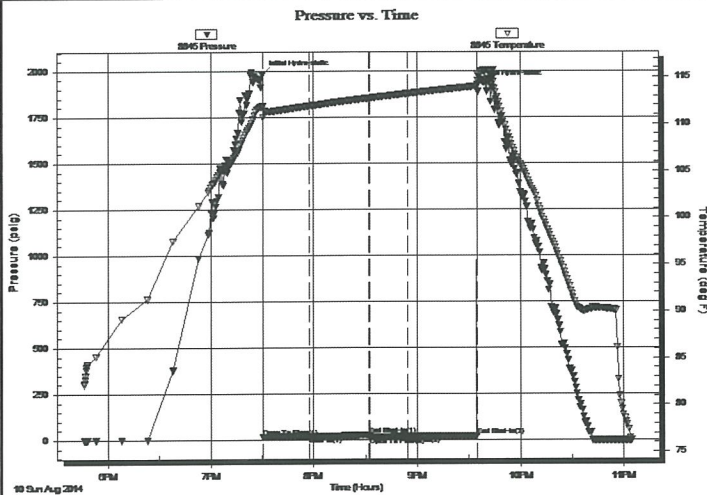
24-17s-27w Lane co.
LEW- TA #1
Job Ticket: 59587 **DST#: 4**
Test Start: 2014.08.10 @ 17:46:00

GENERAL INFORMATION:

Formation: **Lansing " J "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:30:45
Time Test Ended: 23:04:45
Interval: **4070.00 ft (KB) To 4116.00 ft (KB) (TVD)**
Total Depth: 4116.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Samuel Esparza
Unit No: 72
Reference Elevations: 2559.00 ft (KB)
2554.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8845 Inside
Press@RunDepth: 18.23 psig @ 4071.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2014.08.10 End Date: 2014.08.10 Last Calib.: 2014.08.10
Start Time: 17:46:05 End Time: 23:04:44 Time On Btm: 2014.08.10 @ 19:30:30
Time Off Btm: 2014.08.10 @ 21:35:00

TEST COMMENT: IF: 1/4" Blow.
IS: No Return.
FF: No Blow.
FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1983.58	111.88	Initial Hydro-static
1	14.68	110.71	Open To Flow (1)
28	19.25	111.92	Shut-In(1)
62	24.95	112.74	End Shut-In(1)
62	13.72	112.75	Open To Flow (2)
84	18.23	113.22	Shut-In(2)
125	20.38	114.00	End Shut-In(2)
125	1927.02	115.31	Final Hydro-static

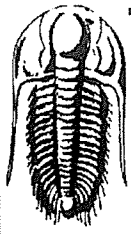
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100 (Oil Spots)	0.02

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

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

24-17s-27w Lane co.
LEW- TA #1
Job Ticket: 59587 DST#: 4
Test Start: 2014.08.10 @ 17:46:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100 (Oil Spots)	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 #: 8845

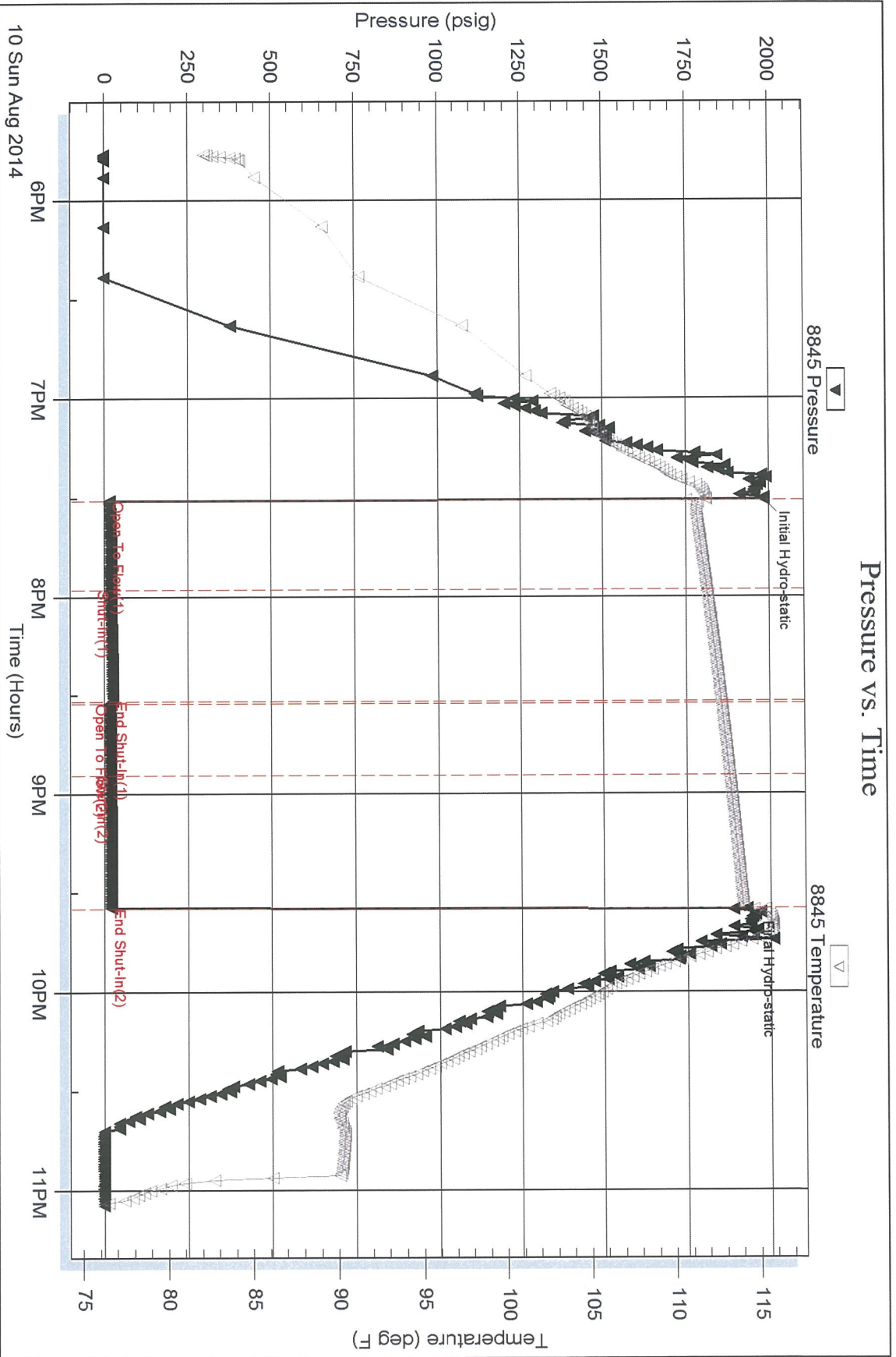
Inside

Palomino Petroleum

LEW- TA #1

DST Test Number: 4

Pressure vs. Time





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

24-17s-27w Lane co.

LEW- TA #1

Job Ticket: 59588

DST#: 5

Test Start: 2014.08.11 @ 08:26:00

GENERAL INFORMATION:

Formation: **Lansing " K & L "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:54:30

Time Test Ended: 14:42:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Samuel Esparza

Unit No: 72

Interval: **4120.00 ft (KB) To 4193.00 ft (KB) (TVD)**

Total Depth: 4193.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2559.00 ft (KB)

2554.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8845

Inside

Press@RunDepth: 389.46 psig @ 4121.00 ft (KB)

Start Date: 2014.08.11

End Date:

2014.08.11

Capacity: 8000.00 psig

Last Calib.: 2014.08.11

Start Time: 08:26:05

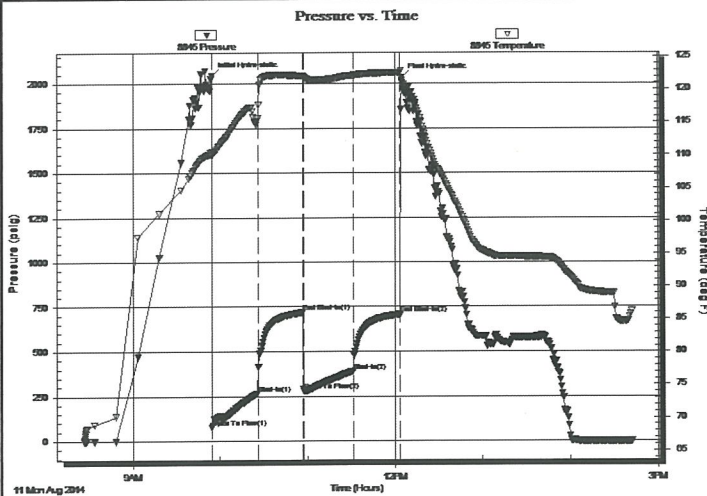
End Time:

14:42:29

Time On Btm: 2014.08.11 @ 09:54:15

Time Off Btm: 2014.08.11 @ 12:04:30

TEST COMMENT: IF: BOB @ 2 1/2 min.
IS: Bled off for 5 min. BOB Return @ 9 min.
FF: BOB Immediately. GTS @ 12 min.
FS: Bled off for 5 min. BOB Return @ 11 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2042.09	110.43	Initial Hydro-static
1	75.58	109.89	Open To Flow (1)
32	264.38	115.63	Shut-In(1)
63	719.18	122.09	End Shut-In(1)
64	278.93	121.90	Open To Flow (2)
97	389.46	122.14	Shut-In(2)
129	707.38	122.51	End Shut-In(2)
131	2031.83	121.76	Final Hydro-static

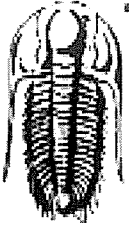
Recovery

Length (ft)	Description	Volume (bbl)
1290.00	GO 30g 70o	16.97

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

24-17s-27w Lane co.
LEW- TA #1
Job Ticket: 59588 **DST#: 5**
Test Start: 2014.08.11 @ 08:26:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.99 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2500.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1290.00	GO 30g 70o	16.975

Total Length: 1290.00 ft Total Volume: 16.975 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Oil API: 39 @ 90 degrees= 36 deg API

Serial #: 8845

Inside

Palomino Petroleum

LEW- TA #1

DST Test Number: 5

Pressure vs. Time

