

RECEIVED

JAN 29 2014

## Invoice



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



DATE	INVOICE #
1/24/2014	26063

## 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	#2	Valentine	Trego	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
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
276	Flocele				50	Lb(s)	2.50	125.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
330	Swift Multi-Density Standard (MIDCON II)				175	Sacks	18.50	3,237.50T
581D	Service Charge Cement				175	Sacks	2.00	350.00
583D	Drayage				347.8	Ton Miles	1.00	347.80
	Subtotal							6,234.30
	Sales Tax Trego County						7.65%	290.43

**Thank You For Your Business In 2013!**  
**We Look Forward To Serving You In 2014!**

**Total**

\$6,524.73



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

TICKET **26063**  
 PAGE 1 OF 1

SERVICE LOCATIONS  
 1. **Ness City, KS** WELL/PROJECT NO. **VALENTINE #2** COUNTY/RABBIT **TREBO** STATE **KS** CITY **UTICA, KS** DATE **24 JAN 14** OWNER  
 2. TICKET TYPE **CONTRACTOR** CONTRACTOR **ONEYENNE WELL SERV.** RIG NAME/NO. **DEVELOPMENT** JOB PURPOSE **CEMENT PORT COLLAR** SHIPPED VIA **DELIVERED TO** ORDER NO.  
 3. WELL TYPE **OIL** WELL CATEGORY **DEVELOPMENT** WELL PERMIT NO. **8N/E 1210**  
 4. REFERRAL LOCATION **OIL** INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE <sup>A</sup> 115	40	mi	1000		6.00	240.00
576D					PUMP CHARGE	1	CHG			1500.00	1500.00
105					PORT COLLAR OPENING TOOL	1	JOB			350.00	350.00
276					FLOOTE	50	lbs			2.50	125.00
290					D-AIR	2	gpc			42.00	84.00
330					SMD CEMENT	175	bx			18.50	3237.50
581					CEMENT SERVICE CHARGE	175	bx			2.00	350.00
583					DRAFFAGE	17390	lbs			347.90	347.90

**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.

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

**SURVEY**  
 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?  
 CUSTOMER DID NOT WISH TO RESPOND

DATE SIGNED **24 JAN 14** TIME SIGNED **10:45**  A.M.  P.M.

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

PAGE TOTAL **6234** 30  
 TAX **7.65%**  
 TOTAL **6524.73**

SWIFT OPERATOR **[Signature]** APPROVAL **[Signature]**  
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.  
 Thank You!

JOB LOG

SWIFT Services, Inc.

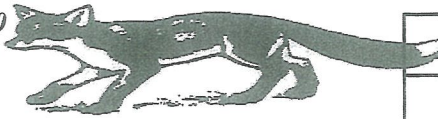
DATE 24 JAN 14 PAGE NO.

CUSTOMER TALDINO PETROLEUM WELL NO. LEASE VALENTINE # 2 JOB TYPE CEMENT PORT COLLAR TICKET NO. 26063

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0830							ON LOCATION
								PORT COLLAR @ 1782
	0912				✓		1000	TEST - HELD
	0915							OPEN PORT COLLAR
	0921	4	97		✓	500		MIX 175'Sx SMD
		3	64		✓	300		DISPLACE CEMENT
								CIRCULATE 5'Sx TO PIT
	0955				✓		1000	CLOSE PORT COLLAR - TEST - HELD
								RUN 4 STS.
	1004	4	18		✓		300	REVERSE CLEAN
	1015							WASH TRUCK
	1045							JOB COMPLETE
								THANKS #115
								JASON DAVE JOHN



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



RECEIVED

JAN 22 2014

# Invoice

DATE	INVOICE #
1/17/2014	26055

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	#2	Valentine	Trego	Pickrell Drilling #10	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
400-5	5 1/2" Guide Shoe				1	Each	200.00	200.00T
401-5	5 1/2" Insert Float With Auto Fill				1	Each	175.00	175.00T
402-5	5 1/2" Centralizer				2	Each	70.00	140.00T
403-5	5 1/2" Cement Basket				2	Each	300.00	600.00T
404-5	5 1/2" Port Collar - 1782 Feet				1	Each	2,900.00	2,900.00T
409-5	5 1/2" Turbolizer				8	Each	90.00	720.00T
410-5	5 1/2" Top Plug				1	Each	100.00	100.00T
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				2.5	Gallon(s)	42.00	105.00T
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				457.4	Ton Miles	1.00	457.40
	Subtotal							12,924.90
	Sales Tax Trego County						7.65%	786.23

**Thank You For Your Business In 2013!**  
**We Look Forward To Serving You In 2014!**

**Total**

\$13,711.13



Services, Inc.

CHARGE TO: **Palomino Petroleum**  
 ADDRESS:  
 CITY, STATE, ZIP CODE

TICKET 26055

PAGE 1 OF 2

SERVICE LOCATION 1. <b>Ness City, KS</b>	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
		<b>VALENTINE #2</b>	<b>TREGO</b>	<b>KS.</b>	<b>UTICA, KS.</b>	<b>17Jan14</b>	
TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	WELL PERMIT NO.	WELL LOCATION	ORDER NO.
	<b>PICKRELL DRILLING #10</b>					<b>8NJE 4510</b>	
WELL TYPE	WELL CATEGORY	JOB PURPOSE	INVOICE INSTRUCTIONS				
	<b>DIL</b>	<b>DEVELOPMENT</b>	<b>S&amp;H HOUSING</b>				

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.			UNIT PRICE	AMOUNT
		LOC	ACCT	DF		QTY.	UM	QTY.		
575					MILEAGE # 115	40	mi		6.00	240.00
578					PUMP DAMAGE	1500	lb		15.00	1500.00
480					GUIDE SHOE	1	EA		200.00	200.00
401					INSERT ELDAT VALVE	1	EA		175.00	175.00
402					CENTRALIZERS	2	EA		70.00	140.00
403					CEMENT BASKETS	2	EA		300.00	600.00
404					PART COLLAR	1	EA	1782	47.00	2900.00
409					TURBOLATER	8	EA		90.00	720.00
410					TOP PLUG	1	EA		100.00	100.00
281					MUD FLUSH	500	gal		1.35	602.50
281					LIQUID REL	4	gal		25.00	100.00
119					ROTATIVE HEAD RENTAL	1	JOB		200.00	200.00

**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  
 DATE SIGNED: **17Jan14** TIME SIGNED: **0945**  A.M.  P.M.

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

SURVEY	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?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND
PAGE TOTAL	2	2	1	1	1	7500	7500
TOTAL	13,711	13	13	13	13	786	786

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



JOB LOG

SWIFT Services, Inc.

DATE 17 JAN 14 PAGE NO.

CUSTOMER  
PALMIND PETROLEUM

WELL NO.

LEASE  
VALENTINE # 2

JOB TYPE  
52 LONGSTRING

TICKET NO.  
26055

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0430							ON LOCATION
	0450							START PIPE 5 1/2" - 14" RTD @ 4390 LTD @ 4391 SHOE JT. 43,14 CENT. 1, 4, 6, 8, 10, 12, 14, 16 2 CENT AROUND WELDED RINGS BASKETS. 2, 162 PORT COLLAR # 162 @ 1782
	0710							DROP BALL CIRCULATE
	0810	6	12		1		400	Pump 500 gal MUD FLUSH
		6	20		1		400	Pump 20 Bbl KCL FLUSH
	0815		7					PLUG RH 30 SX
	0818	4	36		1			MIX 95 SX SMD
		4	24		1			MIX 100 SX EA-2
	0838							WASH OUT PUMP & LINES
	0840	6			1			START DISPLACING PLUG.
	0858	8	106		1		1500	PLUG DOWN LATCH PLUG IN.
	0901							RELEASE PSI - DRY
	0905							WASH TRUCK
	0945							JOB COMPLETE
								THANKS # 115
								JASON DAVE ISAAC



RECEIVED

JAN 25 2014

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 140871

Invoice Date: Jan 15, 2014

Page: 1

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

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

Customer ID	Field Ticket #	Payment Terms	
Palo	61100	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Great Bend	Jan 15, 2014	2/14/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Valentine #2		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
423.00	CEMENT MATERIALS	Chloride	0.80	338.40
162.50	CEMENT SERVICE	Cubic Feet Charge	2.48	403.00
244.20	CEMENT SERVICE	Ton Mileage Charge	2.60	634.92
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
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	Joshua Isaac		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
1.00	OPERATOR ASSISTANT	Kevin Weighous		

Subtotal	6,043.07
Sales Tax	236.66
Total Invoice Amount	6,279.73
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,279.73</b>

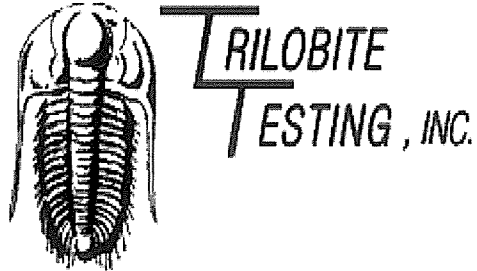
ALL PRICES ARE NET, PAYABLE  
30 DAYS FOLLOWING DATE OF  
INVOICE. 1 1/2% CHARGED  
THEREAFTER. IF ACCOUNT IS  
CURRENT, TAKE DISCOUNT OF

\$ 1,208.61

ONLY IF PAID ON OR BEFORE  
Feb 9, 2014







## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Valentine #2**

### **7-15s-25w Trego,KS**

Start Date: 2014.01.14 @ 03:07:00

End Date: 2014.01.14 @ 07:41:00

Job Ticket #: 56705                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.01.21 @ 14:02:58

Palomino Petroleum, Inc.

7-15s-25w Trego,KS

Valentine #2

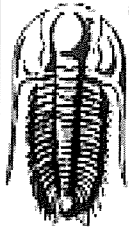
DST # 1

" K. L. "

2014.01.14







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum, Inc.

**7-15s-25w Trego,KS**

4924 SE 84th St  
New ton, KS 67114

**Valentine #2**

Job Ticket: 56705

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2014.01.14 @ 03:07:00

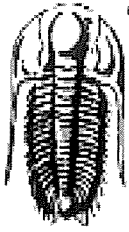
## Tool Information

Drill Pipe:	Length: 3808.00 ft	Diameter: 3.80 inches	Volume: 53.42 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 53.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3806.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	176.00 ft			
Tool Length:	204.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3779.00	
Shut In Tool	5.00			3784.00	
Hydraulic tool	5.00			3789.00	
Jars	5.00			3794.00	
Safety Joint	3.00			3797.00	
Packer	5.00			3802.00	28.00 Bottom Of Top Packer
Packer	4.00			3806.00	
Stubb	1.00			3807.00	
Recorder	0.00	6772	Outside	3807.00	
Recorder	0.00	8845	Outside	3807.00	
Perforations	12.00			3819.00	
Change Over Sub	1.00			3820.00	
Drill Pipe	156.00			3976.00	
Change Over Sub	1.00			3977.00	
Bullnose	5.00			3982.00	176.00 Bottom Packers & Anchor

**Total Tool Length: 204.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

**7-15s-25w Trego,KS**

4924 SE 84th St  
New ton, KS 67114

**Valentine #2**

Job Ticket: 56705

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2014.01.14 @ 03:07:00

## 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: 54.00 sec/qt

Cushion Volume:

bbf

Water Loss: 5.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 5900.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 0.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
180.00	Mud 100m ( Oil Scum On Top of Tool)	2.525

Total Length: 180.00 ft

Total Volume: 2.525 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

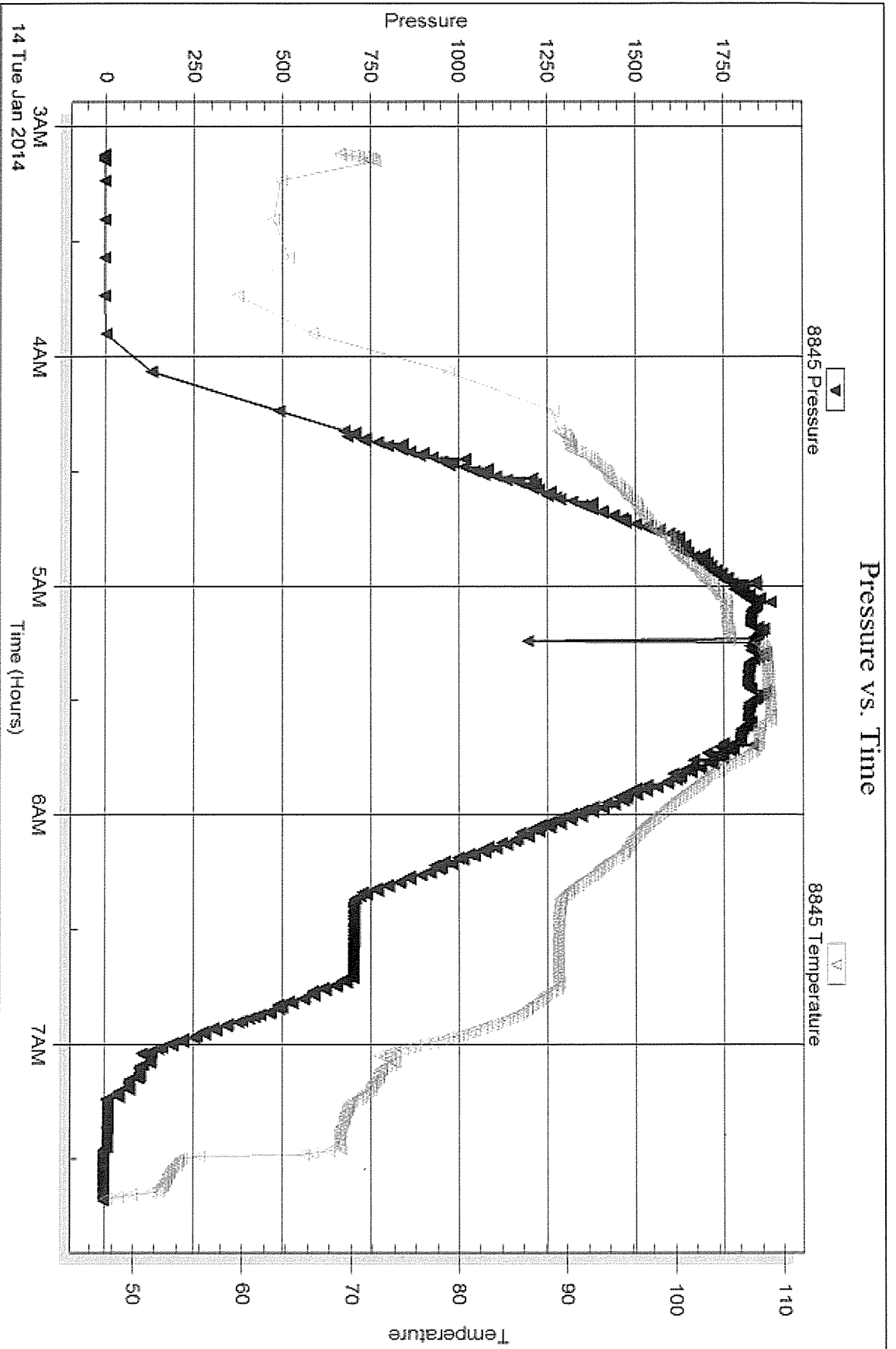
Recovery Comments:

Serial #: 8845

Outside Palomino Petroleum, Inc.

Valentine #2

DST Test Number: 1



Trible Testing, Inc

Ref. No: 56705

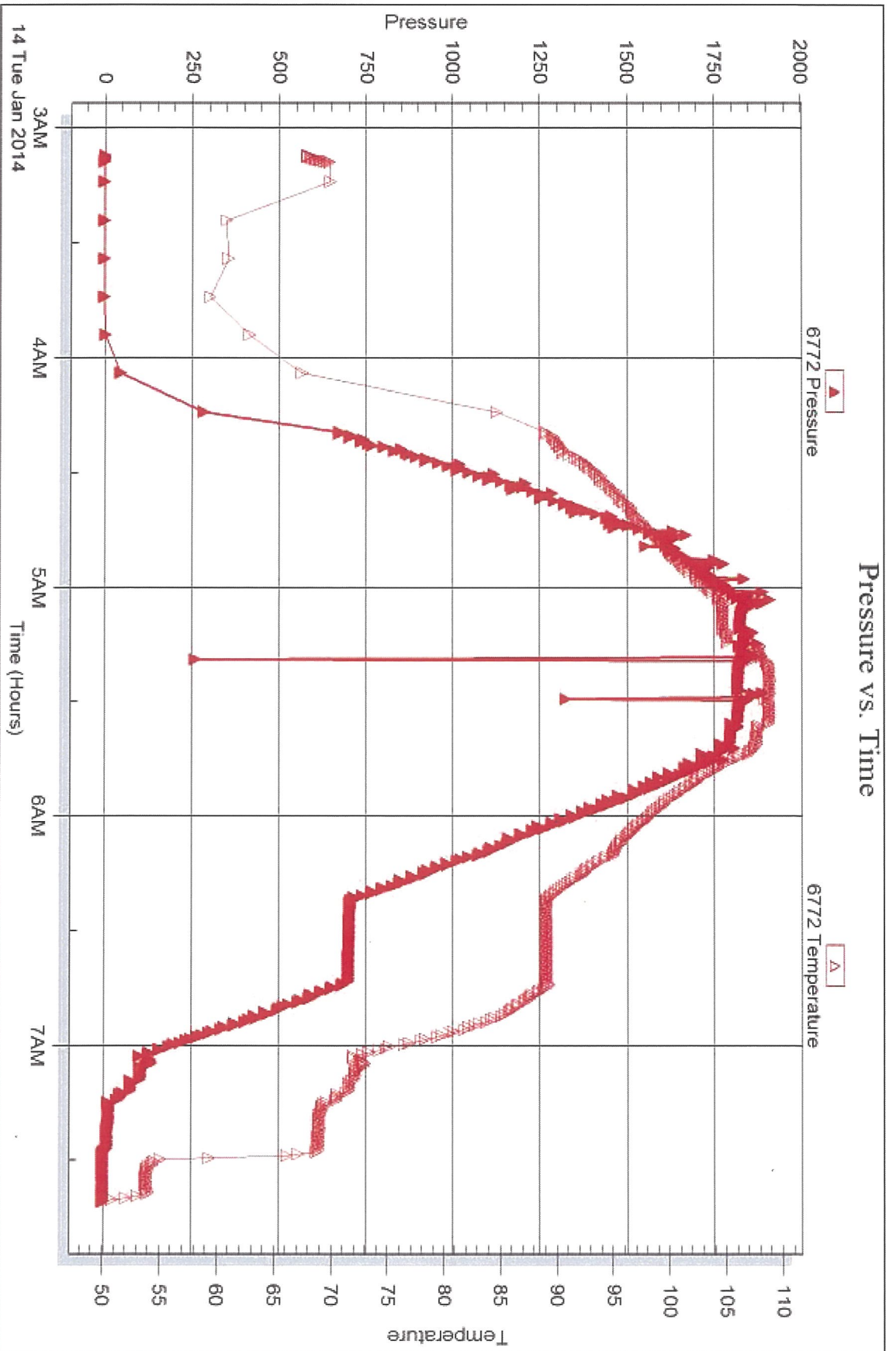
Printed: 2014.01.21 @ 14:03:00

Serial #: 6772

Outside Palomino Petroleum, Inc.

Valentine #2

DST Test Number: 1

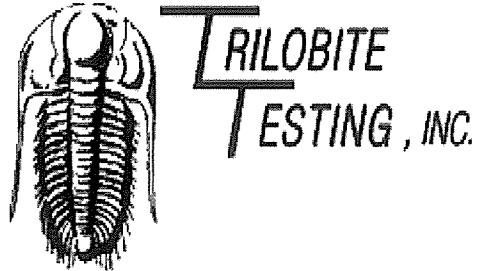


Tribble Testing, Inc

Ref. No: 56705

Printed: 2014.01.21 @ 14:03:00





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Valentine #2**

#### **7-15s-25w Trego,KS**

Start Date: 2014.01.14 @ 07:56:00

End Date: 2014.01.14 @ 12:25:45

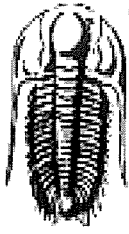
Job Ticket #: 56706                      DST #: 2

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

Printed: 2014.01.21 @ 14:02:34







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum, Inc.

**7-15s-25w Trego,KS**

4924 SE 84th St  
New ton, KS 67114

**Valentine #2**

Job Ticket: 56706

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2014.01.14 @ 07:56:00

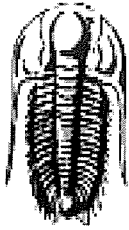
**Tool Information**

Drill Pipe:	Length: 3780.00 ft	Diameter: 3.80 inches	Volume: 53.02 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 53.02 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3799.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	183.00 ft			
Tool Length:	211.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3772.00	
Shut In Tool	5.00			3777.00	
Hydraulic tool	5.00			3782.00	
Jars	5.00			3787.00	
Safety Joint	3.00			3790.00	
Packer	5.00			3795.00	28.00 Bottom Of Top Packer
Packer	4.00			3799.00	
Stubb	1.00			3800.00	
Recorder	0.00	6772	Outside	3800.00	
Recorder	0.00	8845	Outside	3800.00	
Perforations	19.00			3819.00	
Change Over Sub	1.00			3820.00	
Drill Pipe	156.00			3976.00	
Change Over Sub	1.00			3977.00	
Bullnose	5.00			3982.00	183.00 Bottom Packers & Anchor

**Total Tool Length: 211.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

**7-15s-25w Trego,KS**

4924 SE 84th St  
New ton, KS 67114

**Valentine #2**

Job Ticket: 56706

**DST#: 2**

ATTN: Ryan Seib

Test Start: 2014.01.14 @ 07:56:00

## 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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 5900.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 0.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud 100m	0.912

Total Length: 65.00 ft

Total Volume: 0.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

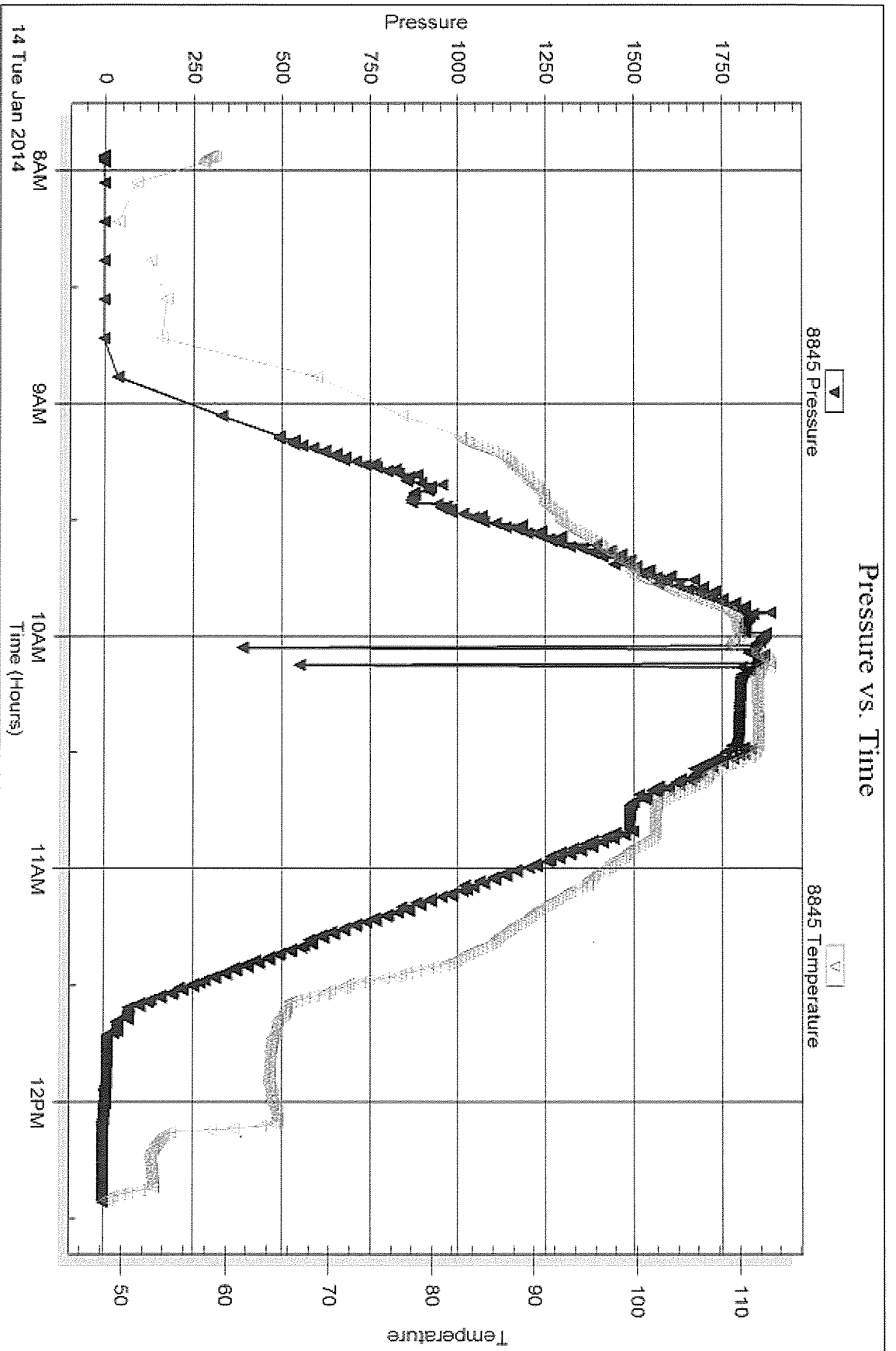
Serial #: 8845

Outside

Palomino Petroleum, Inc.

Valentine #2

OST Test Number: 2



Triobite Testing, Inc

Ref. No: 55706

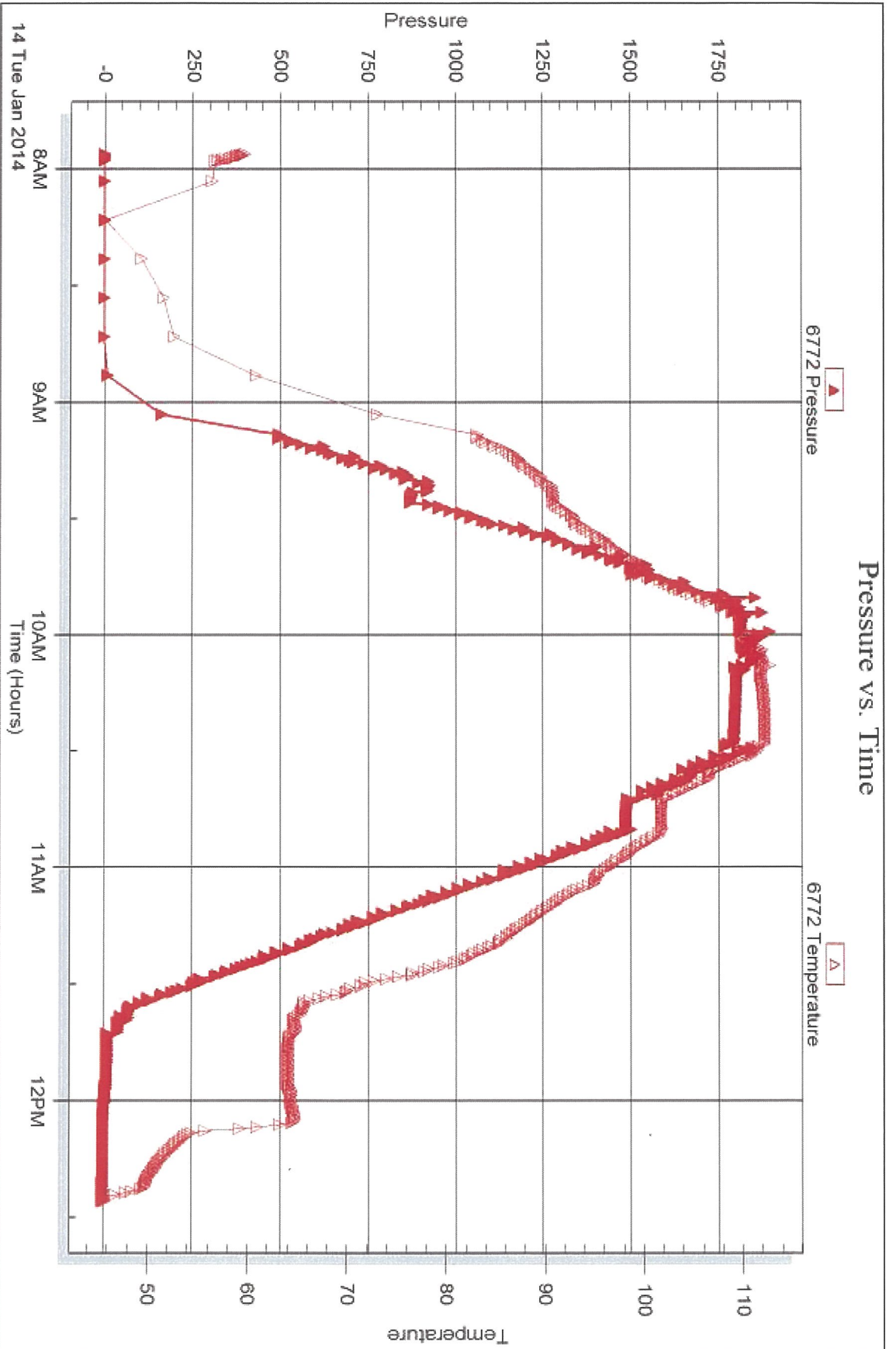
Printed: 2014.01.21 @ 14:02:37

Serial #: 6772

Outside Palomino Petroleum, Inc.

Valentine #2

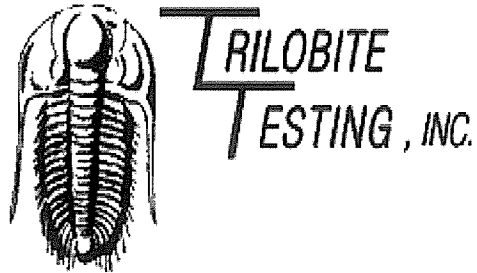
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 56706

Printed: 2014.01.21 @ 14:02:37



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Valentine #2**

#### **7-15s-25w Trego,KS**

Start Date: 2014.01.16 @ 11:17:00

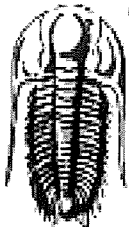
End Date: 2014.01.16 @ 19:07:30

Job Ticket #: 56707                      DST #: 3

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

Printed: 2014.01.21 @ 14:01:56





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

**7-15s-25w Trego,KS**

4924 SE 84th St  
New ton, KS 67114

**Valentine #2**

Job Ticket: 56707

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2014.01.16 @ 11:17:00

## GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:06:45

Time Test Ended: 19:07:30

Test Type: Conventional Straddle (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: **4273.00 ft (KB) To 4302.00 ft (KB) (TVD)**

Reference Elevations: 2372.00 ft (KB)

Total Depth: 4391.00 ft (KB) (TVD)

2365.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

**Serial #: 8845** Outside

Press@RunDepth: 574.62 psig @ 4274.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.16

End Date:

2014.01.16

Last Calib.: 2014.01.16

Start Time: 11:17:05

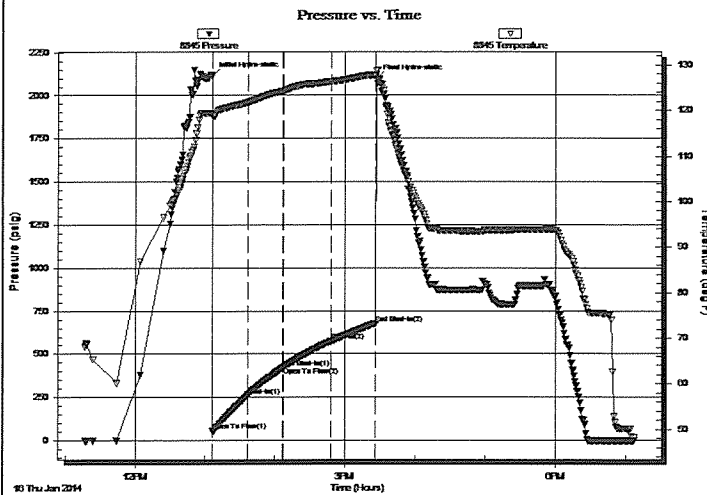
End Time:

19:07:29

Time On Btm: 2014.01.16 @ 13:06:30

Time Off Btm: 2014.01.16 @ 15:26:45

TEST COMMENT: IF: BOB @ 7 min.  
IS: BOB @ 21 min. No shut-in  
FF: BOB Immediately.  
FS: BOB @ 20 min. No shut-in



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2114.95	119.41	Initial Hydro-static
1	54.04	118.69	Open To Flow (1)
31	259.55	121.80	Shut-In(1)
61	418.73	124.23	End Shut-In(1)
62	424.31	124.24	Open To Flow (2)
102	574.62	126.37	Shut-In(2)
140	677.45	127.73	End Shut-In(2)
141	2095.86	128.72	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1920.00	GO 30g 70o	26.93
0.00	315' GIP	0.00

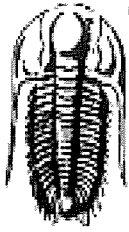
\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum, Inc.

**7-15s-25w Trego,KS**

4924 SE 84th St  
New ton, KS 67114

**Valentine #2**

Job Ticket: 56707

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2014.01.16 @ 11:17:00

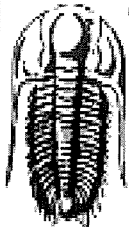
### Tool Information

Drill Pipe:	Length: 4275.00 ft	Diameter: 3.80 inches	Volume: 59.97 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: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 59.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4273.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	4302.00 ft			
Interval between Packers:	29.00 ft			
Tool Length:	147.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4246.00	
Shut In Tool	5.00			4251.00	
Hydraulic tool	5.00			4256.00	
Jars	5.00			4261.00	
Safety Joint	3.00			4264.00	
Packer	5.00			4269.00	28.00 Bottom Of Top Packer
Packer	4.00			4273.00	
Stubb	1.00			4274.00	
Recorder	0.00	6772	Inside	4274.00	
Recorder	0.00	8845	Outside	4274.00	
Perforations	24.00			4298.00	
Blank Off Sub	1.00			4299.00	
Top of s packer	3.00			4302.00	29.00 Tool Interval
Packer	1.00			4303.00	
Stubb	1.00			4304.00	
Recorder	0.00	8017	Below	4304.00	
Perforations	18.00			4322.00	
Change Over Sub	1.00			4323.00	
Drill Pipe	63.00			4386.00	
Change Over Sub	1.00			4387.00	
Bullnose	5.00			4392.00	90.00 Bottom Packers & Anchor

**Total Tool Length: 147.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

**7-15s-25w Trego,KS**

4924 SE 84th St  
New ton, KS 67114

**Valentine #2**

Job Ticket: 56707

**DST#: 3**

ATTN: Ryan Seib

Test Start: 2014.01.16 @ 11:17:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 9.19 in<sup>3</sup>  
Resistivity: 2900.00 ohm.m  
Salinity: 0.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 40 deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1920.00	GO 30g 70o	26.933
0.00	315' GIP	0.000

Total Length: 1920.00 ft      Total Volume: 26.933 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

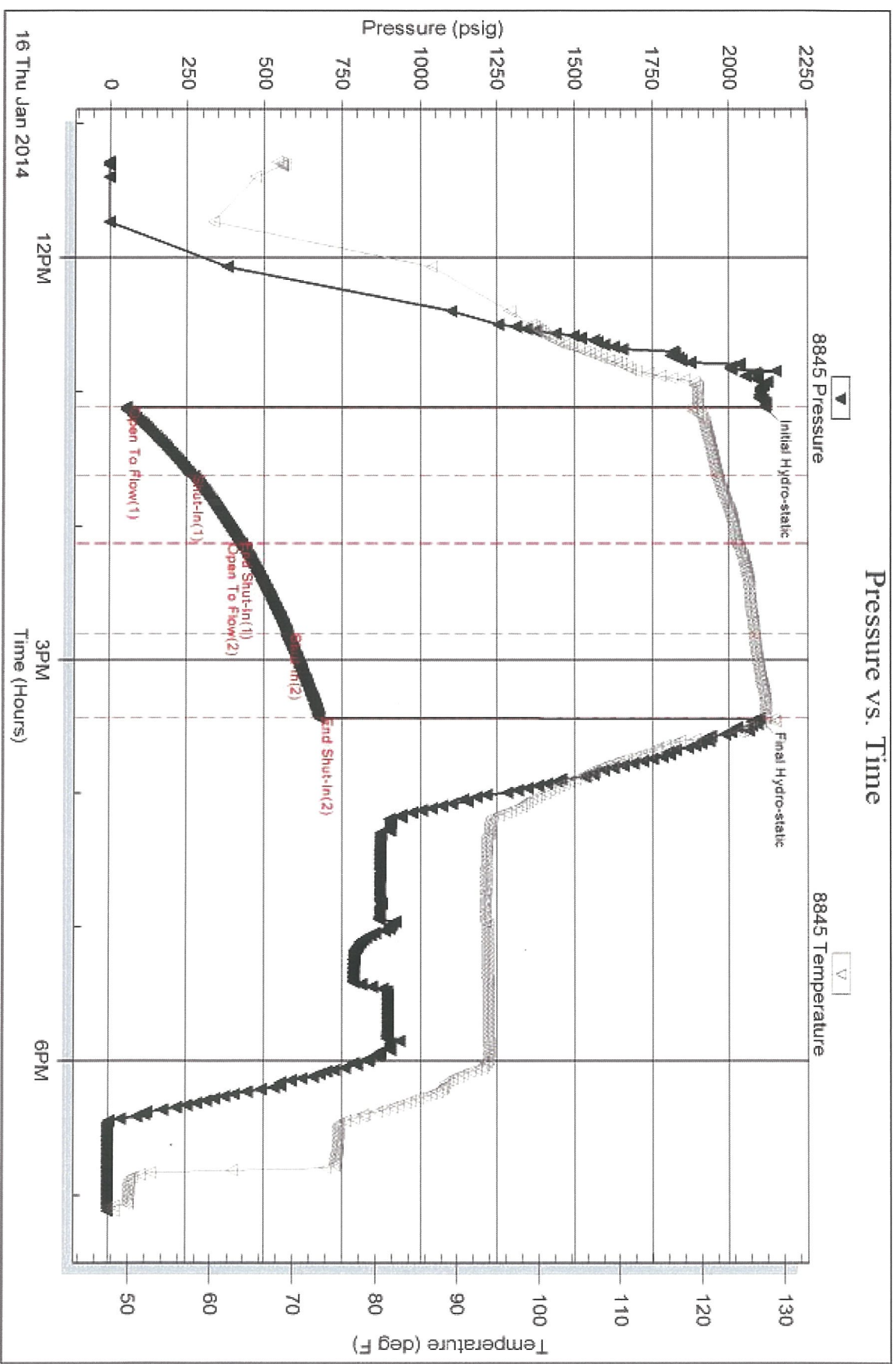
Recovery Comments: 39 @ 50 degrees= 40 deg API  
22 bbl reversed into truck

Serial #: 8845

Outside Palomino Petroleum, Inc.

Valentine #2

DST Test Number: 3



Tribble Testing, Inc

Ref. No: 56707

Printed: 2014.01.21 @ 14:01:59

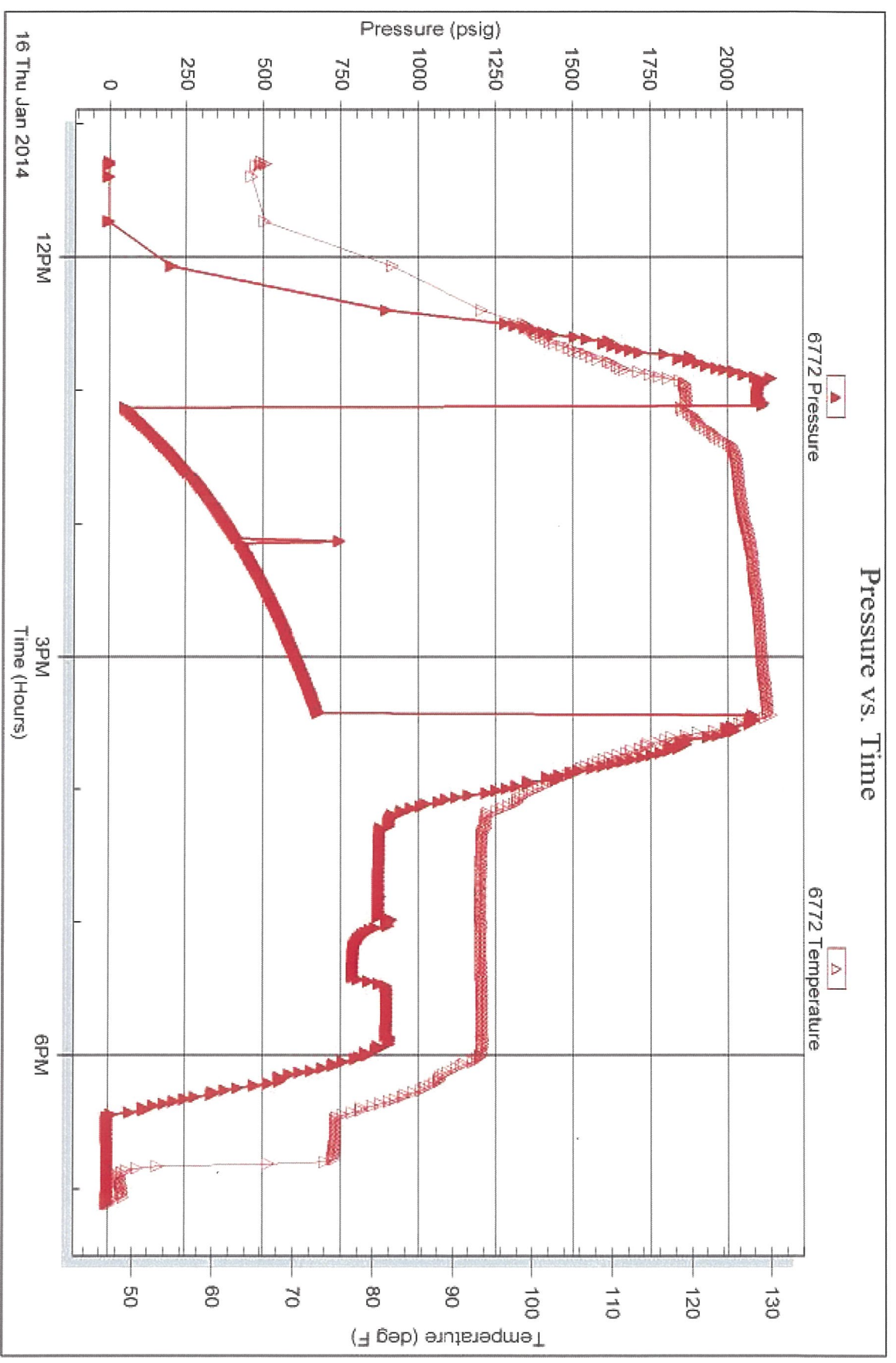
Serial #: 6772

Inside

Palomino Petroleum, Inc.

Valentine #2

DST Test Number: 3

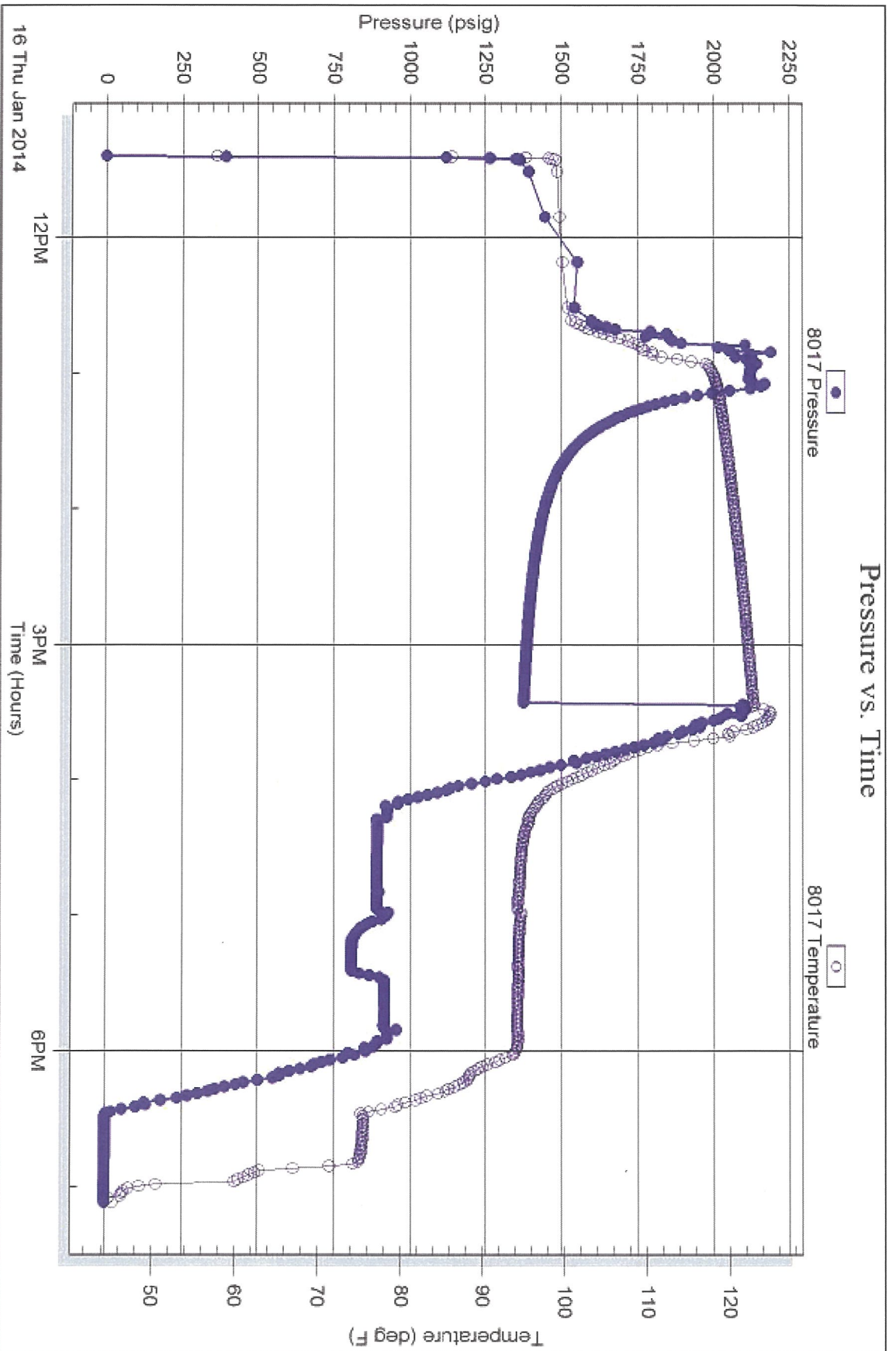


Serial #: 8017

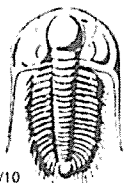
Below (Sir Raddiano Petroleum, Inc.

Valentine #2

DST Test Number: 3







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56707

Well Name & No. Valentine #2 Test No. 3 Date 1/16/14  
 Company Palomino Petroleum, Inc. Elevation 2372 KB 2365 GL  
 Address 1924 SE 8th St Newton, KS 67114  
 Co. Rep / Geo. Ryan Seib Rig Pickrell #10  
 Location: Sec. 7 Twp. 15 S Rge. 25W Co. Trego State KS

Interval Tested 4273-4302 Zone Tested Miss  
 Anchor Length 29' Drill Pipe Run 4275 Mud Wt. 9.4  
 Top Packer Depth 4269 Drill Collars Run 0 Vis 51  
 Bottom Packer Depth 4273 Wt. Pipe Run 0 WL 9.2  
 Total Depth 4391 Chlorides 2900 ppm System LCM 1

Blow Description IF: BOB @ 7 min.  
TSI: BOB @ 21 min.  
FF: BOB immediately  
FSI: BOB @ 20 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1920</u>	<u>60</u>	<u>30</u>	<u>70</u>		
	<u>315' GIP</u>				

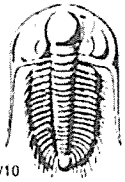
Rec Total 1920 BHT Gravity 40 API RW @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic	<u>2115</u>	<input checked="" type="checkbox"/> Test	<u>1050</u>	T-On Location	<u>10:00</u>
(B) First Initial Flow	<u>54</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>11:17</u>
(C) First Final Flow	<u>260</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>15:07</u>
(D) Initial Shut-In	<u>419</u>	<input checked="" type="checkbox"/> Circ Sub	<u>USED 50</u>	T-Pulled	<u>15:17</u>
(E) Second Initial Flow	<u>424</u>	<input checked="" type="checkbox"/> Hourly Standby		T-Out	<u>19:07</u>
(F) Second Final Flow	<u>575</u>	<input checked="" type="checkbox"/> Mileage	<u>124 R/T</u>	Comments	<u>Loaded Tools</u>
(G) Final Shut-In	<u>677</u>	<input type="checkbox"/> Sampler			<u>Gravity: 39 @ 50° = 40 API</u>
(H) Final Hydrostatic	<u>2096</u>	<input checked="" type="checkbox"/> Straddle	<u>600</u>		<u>22661 reversed into truck</u>

Initial Open	<u>30</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Shale Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Ruined Packer	
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>716.67</u>
Final Shut-In	<u>30</u>	<input checked="" type="checkbox"/> Day Standby	<u>1d 21.5h</u>	Total	<u>2741.67</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>2025</u>		

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

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



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56706

Well Name & No. Valentine #2 Test No. 2 Date 1/14/14  
 Company Palomino Petroleum, Inc. Elevation 2372 KB 2365 GL  
 Address 4924 SE 84th St Newton, KS 67444  
 Co. Rep / Geo. Ryan Seib Rig Pickrell #10  
 Location: Sec. 7 Twp. 15S Rge. 25W Co. Trego State KS

Interval Tested 3799-3982 Zone Tested "H-L"  
 Anchor Length 183' Drill Pipe Run 3780 Mud Wt. 8.9  
 Top Packer Depth 3795 Drill Collars Run 0 Vis 54  
 Bottom Packer Depth 3799 Wt. Pipe Run 0 WL 6.0  
 Total Depth 3982 Chlorides 5900 ppm System LCM 1

Blow Description IF:  
IST: PACKER Failure / MIS-Run.  
FF:

FSI:

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>Mud</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 65 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic  Test 1050 T-On Location 2.00  
 (B) First Initial Flow  Jars 250 T-Started 7.56  
 (C) First Final Flow  Safety Joint 75 T-Open N/A  
 (D) Initial Shut-In  Circ Sub N/C T-Pulled \_\_\_\_\_  
 (E) Second Initial Flow  Hourly Standby \_\_\_\_\_ T-Out 12.25  
 (F) Second Final Flow  Mileage 124 RT Comments \_\_\_\_\_  
 (G) Final Shut-In  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

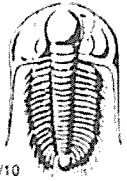
Sub Total 1375

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

Sub Total 1375

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

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 56705

Well Name & No. Valentine #2 Test No. 1 Date 1/14/14  
 Company Palomino Petroleum, Inc. Elevation 2372 KB 2365 GL  
 Address 4924 SE 84th St Newton, KS 67114  
 Co. Rep / Geo. Ryan Seib Rig Pickrell #10  
 Location: Sec. 7 Twp. 15S Rge. 25W Co. Trego State KS

Interval Tested 3806-3982 Zone Tested "H-L"  
 Anchor Length 176' Drill Pipe Run 3808 Mud Wt. 8.9  
 Top Packer Depth 3802 Drill Collars Run 0 Vis 54  
 Bottom Packer Depth 3806 Wt. Pipe Run 0 WL 6.0  
 Total Depth 3982 Chlorides 5900 ppm System LCM 1

Blow Description IF:  
ISF:  
FF: Packer Failure / Mis-run.  
FSI:

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>Mud (0.1 scum on top)</u>				
	<u>of Tool</u>				
Rec Total	<u>180</u>				

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

- Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm
- Test 1050
- Jars 250
- Safety Joint 75
- Circ Sub N/C
- Hourly Standby
- Mileage 124 R/T 192.20
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total 1567.20

- T-On Location 2:00
- T-Started 3:07
- T-Open N/A
- T-Pulled 5:41
- T-Out 7:40

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

Comments \_\_\_\_\_  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1567.20  
 MP/DST Disc't \_\_\_\_\_

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

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