

**CONSOLIDATED**  
Oil Well Services, LLC

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

RECEIVED

JUN 29 2015

MAIN OFFICE

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

Invoice # 804618

Invoice Date: 06/24/15      Terms: Net 30      Page 1

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

COMANCHE #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0451	Cement Pump Charge 1501' - 3000'	1.000	1,900.0000	40.000	1,140.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	40.000	128.70
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	40.000	396.00
CC5829	Lite-Weight Blend V (60:40:4)	125.000	16.0000	40.000	1,200.00
CC6075	Celloflake	31.000	2.0000	40.000	37.20
CP8228	8 5/8" Wooden Plug	1.000	165.0000	40.000	99.00
Subtotal					5,001.50
Discounted Amount					2,000.60
SubTotal After Discount					3,000.90

Amount Due 5,171.87 If paid after 07/24/15

Tax: 102.22  
Total: 3,103.12



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

JM 3202  
PT 3119

TICKET NUMBER 46103

LOCATION Sh Donado

FOREMAN Fuzz Y

Invoice # 804618

FIELD TICKET & TREATMENT REPORT  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-24-15	6885	Cemanche #1	7	22S	4E	Marion
CUSTOMER Pelotino Det		Readdy S-E STATION	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 4924 SE. 84th			603	Tracey		
CITY Newton			775	Tenny		
STATE KS	ZIP CODE 67114					

JOB TYPE PTA HOLE SIZE \_\_\_\_\_ HOLE DEPTH \_\_\_\_\_ CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.8 SLURRY VOL 31.3 WATER gal/sk 7 CEMENT LEFT IN CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on southwind #8. Rig up and plug as ordered.

35 sks @ 270'

35 sks @ 268'

25 sks @ 60' w/ plug

30 sks @ PH

125 sks 60/40 40 gal 1/4" poly flake

Thanks Fuzz Y Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900 <sup>00</sup>	1900 <sup>00</sup>
CE0002	30	MILEAGE	7.15	214 <sup>50</sup>
CE0711	5.4 ton	minimum delivery charge	660 <sup>00</sup>	660 <sup>00</sup>
CE5829	125 sks	60/40 40 gal	16 <sup>00</sup>	2000 <sup>00</sup>
CE6075	31*	poly flake	2 <sup>00</sup>	62 <sup>00</sup>
CE8228	1	8 1/2" wood cup plug	165 <sup>00</sup>	165 <sup>00</sup>
		subtotal		5001 <sup>50</sup>
		40% discount		2000 <sup>60</sup>
		subtotal		3000 <sup>90</sup>
		7.65% SALES TAX		108.22
		ESTIMATED TOTAL		3103.12

Revin 3737

AUTHORIZATION

*William Fuzz Y*

TITLE

*Toolpusher*

DATE

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

3613A Y Road  
Madison, KS 66860  
Ph: 620-437-2661  
Fax: 620-437-2881



HURRICANE SERVICES INC

104 Prairie Plaza Parkway  
Garnett, KS 66032  
Ph: 785-448-3100  
Fax: 785-448-3102

FED ID# 48-1214033  
MC ID# 165290

RECEIVED

JUN 24 2015

Remit to: Hurricane Services, Inc.  
250 N. Water, Suite 200  
Wichita, KS 67202

Customer:

PALAMINO PETROLEUM INC  
4924 SE 84TH ST  
NEWTON, KS 67114-8827

Invoice Date: 6/19/2015  
Invoice #: 0019482  
Lease Name: COMANCHE  
Well #: 1  
County: MARION

Date/Description	HRS/QTY	Rate	Total
See ticket 50673 of JB & DL	0.000	0.000	0.00
Heavy Eq mileage one way	30.000	3.250	97.50
Light Eq mileage one way	30.000	1.500	45.00
Cement pump-Longstring & plug	1.000	790.000	790.00
Bulk truck #242	1.000	336.700	336.70
Cement Class A	184.000	14.850	2,732.40 T
Calcium Chloride	352.000	0.750	264.00 T
FLO Seal	50.000	2.150	107.50 T

Net Invoice 4,373.10  
Sales Tax: (7.65%) 237.45  
**Total** 4,610.55

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

**WE APPRECIATE YOUR BUSINESS!**



250 N. Water, Ste 200 - Wichita, Ks 67202

**HURRICANE SERVICES INC**

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer: <b>Palomino Petroleum Inc.</b>		Customer Name:		Ticket No.: <b>50673</b>				
Address:		AFE No.:		Date: <b>6/19/2015</b>				
City, State, Zip:		Job type: <b>Surface Job ( NEW WELL )</b>						
Service District:		Well Details: <b>8 5/8 surface pipe @ 222 including landing sub.. 12 1/4hole@219</b>						
Well name & No.: <b>Comanche #1</b>		Well Location:		County: <b>Marion</b>	State: <b>Kansas</b>			
Equipment #	Driver	Equipment #	Driver	Equipment #	Hours	TRUCK CALLED	AM	TIME
231	Tom					ARRIVED AT JOB	AM	
25	Dwayne					START OPERATION	AM	
26	Joe					FINISH OPERATION	AM	
242	Jesse					RELEASED	AM	
						MILES FROM STATION TO WELL	AM	
<b>Treatment Summary</b>								
<p>arrived on location @ 8:30 am . Rig was running 222 ft of 8 5/8 surface pipe in hole... Landed surface pipe and rig circulated on hole for 10 minutes with drill mud... Hooked onto surface pipe and pumped 5 bbl water spacer and 49 sks of straight class A cement for a go ahead cement then switched to 135 sks of class A cement 3% calcium chloride .25 pound flo seal to get good cement to surface , switch to water and pumped 13 bbl water for displacement.. Shut down and closed well in and washed up equipment and left location... Finished pumping cement at 11:00 am.</p>								
Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount	
c00101	Heavy Equip. One Way	mi	30.00	\$3.25	\$97.50		\$97.50	
c00102	Light Equip. One Way	mi	30.00	\$1.50	\$45.00		\$45.00	
c23101	Cement Pump (Longstring & Plug)	ea	1.00	\$790.00	\$790.00		\$790.00	
c24200	Cement Bulk Truck	tm	259.00	\$1.30	\$336.70		\$336.70	
p01600	Regular - Class A Cement	sack	184.00	\$14.85	\$2,732.40		\$2,732.40	
p01608	Calcium - Chloride	lb	352.00	\$0.75	\$264.00		\$264.00	
p01611	FLO-Seal	lb	50.00	\$2.15	\$107.50		\$107.50	
<p><b>TERMS:</b> Cash in advance unless Hurricane Services Inc has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.</p>								
					Gross: \$ 4,373.10	Net: \$ 4,373.10		
					Total Taxable \$ -	Tax Rate: 6.150%		
					Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.	Sale Tax: \$ -		
					Total: \$ 4,373.10			
					Date of Service: 6/19/2015			
					HSI Representative: Joe B and Dwayne L			
					Customer Representative: Klee			
<p>X _____ CUSTOMER AUTHORIZED AGENT</p>								
<b>Customer Comments or Concerns:</b>								

Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal. All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.

3613A Y Road  
 Madison, KS 66860  
 Ph: 620-437-2661  
 Fax: 620-437-2881



HURRICANE SERVICES INC

104 Prairie Plaza Parkway  
 Garnett, KS 66032  
 Ph: 785-448-3100  
 Fax: 785-448-3102

FED ID# 48-1214033  
 MC ID# 165290

RECEIVED

JUN 29 2015

Remit to: Hurricane Services, Inc.  
 250 N. Water, Suite 200  
 Wichita, KS 67202

Customer:  
 PALAMINO PETROLEUM INC  
 4924 SE 84TH ST  
 NEWTON, KS 67114-8827

Invoice Date: 6/19/2015  
 Invoice #: 19482A  
 Lease Name: COMANCHE  
 Well #: 1  
 County: MARION

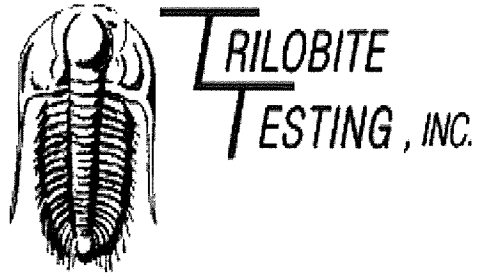
Date/Description	HRS/QTY	Rate	Total
See ticket 50673 of JB & DL	0.000	0.000	0.00
Heavy Eq mileage one way	30.000	3.250	97.50
Light Eq mileage one way	30.000	1.500	45.00
Bulk truck #242	1.000	336.700	336.70
Cement pump-Longstring & plug	1.000	790.000	790.00
Cement Class A	184.000	14.850	2,732.40 T
Calcium Chloride	352.000	0.750	264.00 T
FLO Seal	50.000	2.150	107.50 T
Discount	1.000	775.980-	775.98-T
Discount	1.000	317.300-	317.30-

Net Invoice 3,279.82  
 Sales Tax: (7.65%) 178.09  
**Total** 3,457.91

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

**WE APPRECIATE YOUR BUSINESS!**





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 S.E. 84th St.  
Wichita KS. 67114

ATTN: Nick Gerstner

### **Comanche #1**

#### **7-22s-4e Marion,KS**

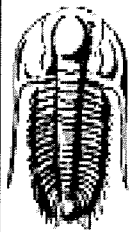
Start Date: 2015.06.22 @ 09:40:20

End Date: 2015.06.22 @ 14:24:20

Job Ticket #: 59779                      DST #: 1

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

Printed: 2015.06.24 @ 13:45:12



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

**7-22s-4e Marion,KS**

4924 S.E. 84th St.  
Wichita KS. 67114

**Comanche #1**

ATTN: Nick Gerstner

Job Ticket: 59779

**DST#: 1**

Test Start: 2015.06.22 @ 09:40:20

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:58:05

Time Test Ended: 14:24:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 80

Interval: **2346.00 ft (KB) To 2383.00 ft (KB) (TVD)**

Total Depth: 2383.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1401.00 ft (KB)

1301.00 ft (CF)

KB to GR/CF: 100.00 ft

**Serial #: 8352 Outside**

Press@RunDepth: 21.94 psig @ 2347.00 ft (KB)

Start Date: 2015.06.22 End Date:

Start Time: 09:40:25 End Time:

Capacity: 8000.00 psig

Last Calib.: 2015.06.22

Time On Btm: 2015.06.22 @ 10:56:50

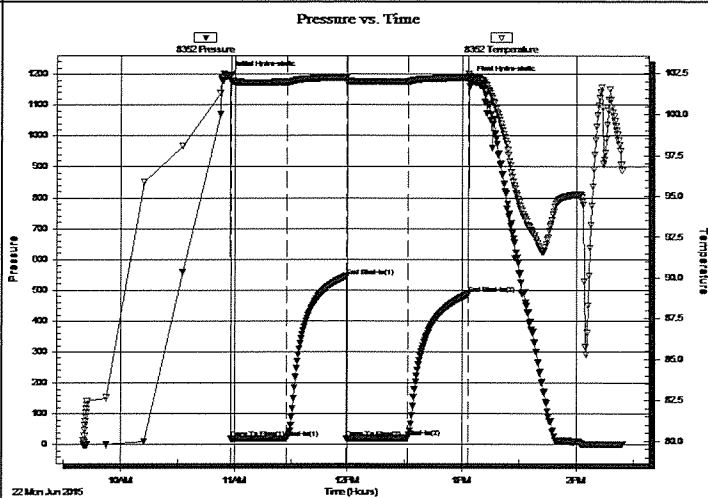
Time Off Btm: 2015.06.22 @ 13:04:05

TEST COMMENT: IF:Weak blow . 1/2" decreasing.

ISI:No blow .

FF:No blow .

FSI:No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1197.47	102.37	Initial Hydro-static
2	18.87	102.01	Open To Flow (1)
31	19.11	101.97	Shut-In(1)
63	544.82	102.25	End Shut-In(1)
63	20.26	101.97	Open To Flow (2)
95	21.94	102.01	Shut-In(2)
126	486.62	102.23	End Shut-In(2)
128	1183.09	102.31	Final Hydro-static

## Recovery

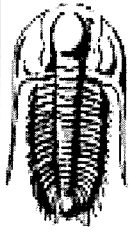
Length (ft)	Description	Volume (bbl)
12.00	Drig.mud w/ o specs	0.17

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc.

**7-22s-4e Marion, KS**

4924 S.E. 84th St.  
Wichita KS. 67114

**Comanche #1**

Job Ticket: 59779

**DST#: 1**

ATTN: Nick Gerstner

Test Start: 2015.06.22 @ 09:40:20

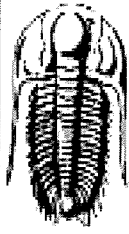
**Tool Information**

Drill Pipe:	Length: 2335.00 ft	Diameter: 3.80 inches	Volume: 32.75 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 34000.00 lb
			<u>Total Volume: 32.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 27000.00 lb
Depth to Top Packer:	2346.00 ft			Final 28000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	65.00 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			2319.00	
Shut In Tool	5.00			2324.00	
Hydraulic tool	5.00			2329.00	
Jars	5.00			2334.00	
Safety Joint	3.00			2337.00	
Packer	4.00			2341.00	28.00 Bottom Of Top Packer
Packer	5.00			2346.00	
Stubb	1.00			2347.00	
Recorder	0.00	8352	Outside	2347.00	
Recorder	0.00	8370	Inside	2347.00	
Perforations	31.00			2378.00	
Bullnose	5.00			2383.00	37.00 Bottom Packers & Anchor

**Total Tool Length: 65.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**7-22s-4e Marion, KS**

4924 S.E. 84th St.  
Wichita KS. 67114

**Comanche #1**

Job Ticket: 59779

**DST#: 1**

ATTN: Nick Gerstner

Test Start: 2015.06.22 @ 09:40:20

## 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:	700 ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 700.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
12.00	Drig.mud w/ o specs	0.168

Total Length: 12.00 ft      Total Volume: 0.168 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #: none

Laboratory Name:      Laboratory Location:

Recovery Comments:

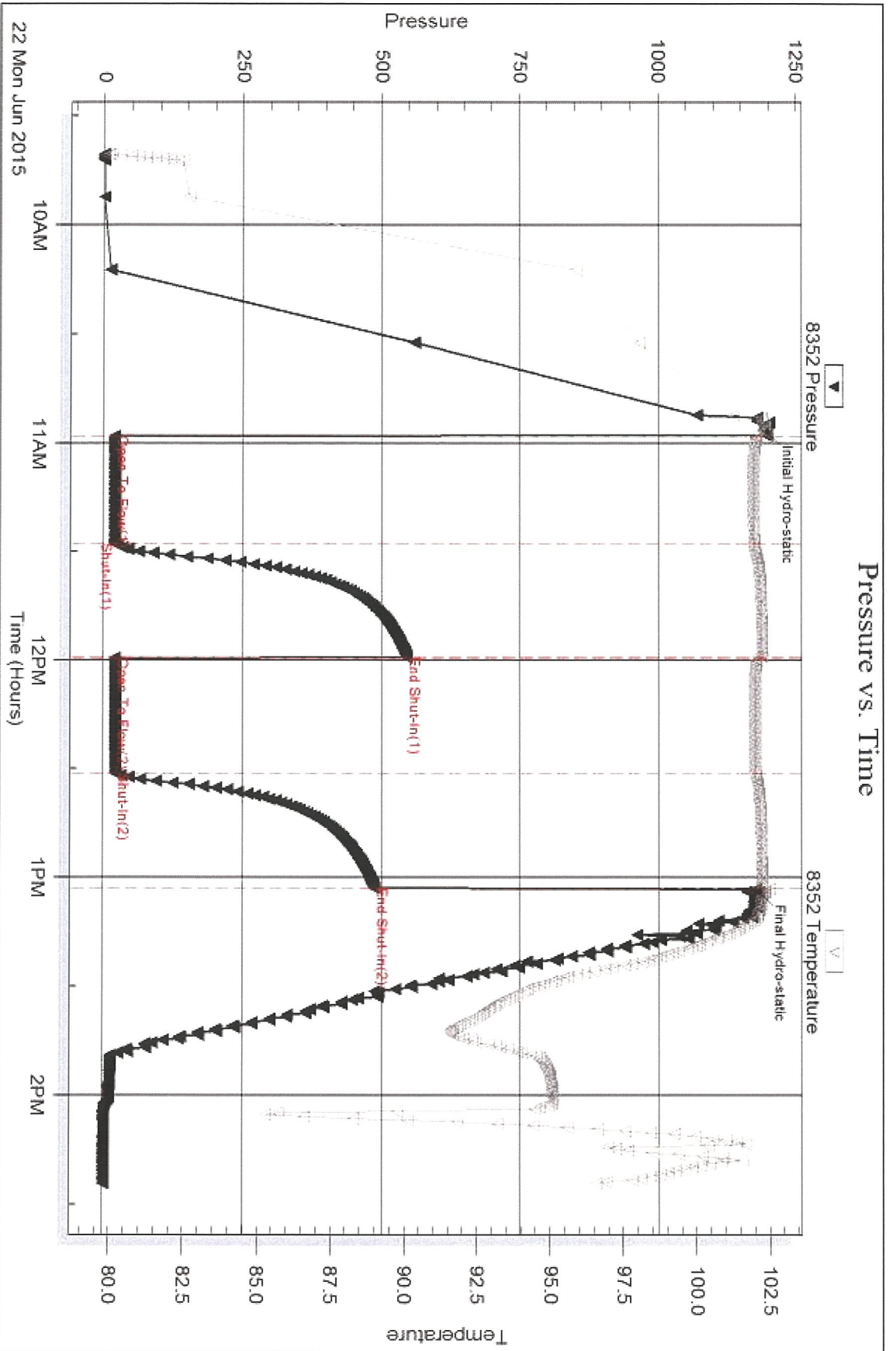
Serial #: 8352

Outside

Palomino Petroleum Inc.

Comanche #1

DST Test Number: 1



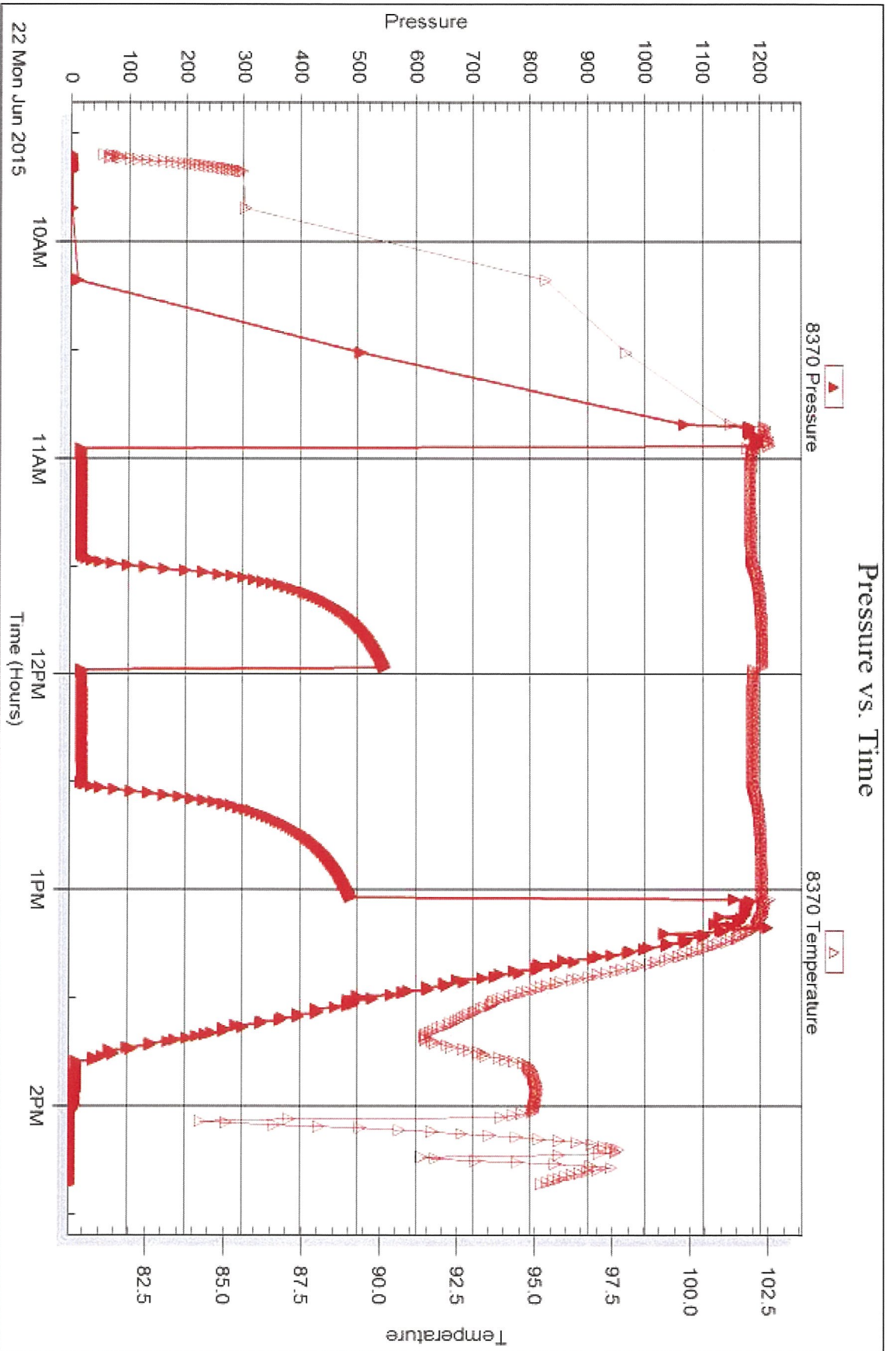
Serial #: 8370

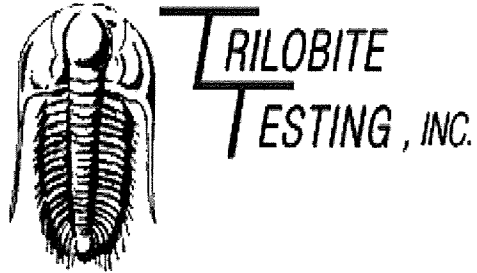
Inside

Palomino Petroleum Inc.

Comanche #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 S.E. 84th St.  
Wichita KS. 67114

ATTN: Nick Gerstner

### **Comanche #1**

### **7-22s-4e Marion,KS**

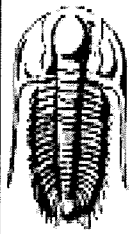
Start Date: 2015.06.23 @ 02:57:10

End Date: 2015.06.23 @ 07:24:55

Job Ticket #: 59780                      DST #: 2

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

Printed: 2015.06.24 @ 13:43:30



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

**7-22s-4e Marion,KS**

4924 S.E. 84th St.  
Wichita KS. 67114

**Comanche #1**

Job Ticket: 59780

**DST#: 2**

ATTN: Nick Gerstner

Test Start: 2015.06.23 @ 02:57:10

## GENERAL INFORMATION:

Formation: **Hunton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:25:25

Time Test Ended: 07:24:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 80

Interval: **2390.00 ft (KB) To 2528.00 ft (KB) (TVD)**

Reference Elevations: 1401.00 ft (KB)

Total Depth: 2528.00 ft (KB) (TVD)

1301.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 100.00 ft

**Serial #: 8352**

**Outside**

Press@RunDepth: 335.67 psig @ 2391.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.06.23

End Date:

2015.06.23

Last Calib.: 2015.06.23

Start Time: 02:57:15

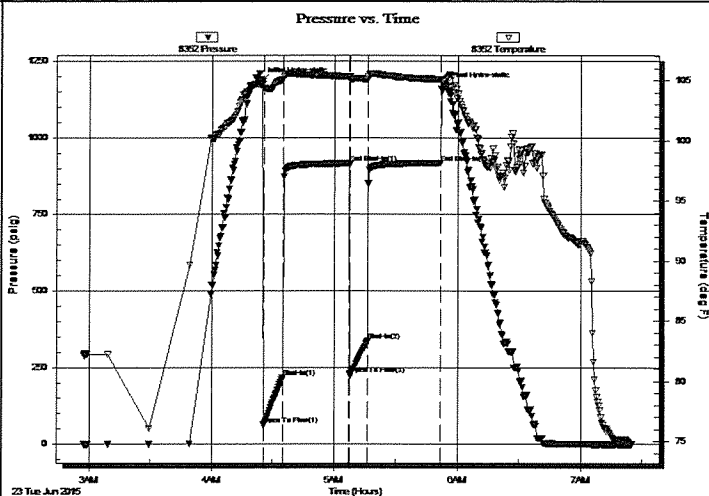
End Time:

07:24:54

Time On Btm: 2015.06.23 @ 04:24:10

Time Off Btm: 2015.06.23 @ 05:53:25

TEST COMMENT: IF:Strong blow . B.O.B. in 70 secs.  
IS:No blow .  
FF:Strong blow . B.O.B. in 95 secs.  
FS:No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1185.49	104.65	Initial Hydro-static
2	62.49	104.35	Open To Flow (1)
11	216.77	105.10	Shut-In(1)
43	917.01	105.32	End Shut-In(1)
44	226.58	105.01	Open To Flow (2)
52	335.67	105.09	Shut-In(2)
88	918.42	105.07	End Shut-In(2)
90	1170.43	104.60	Final Hydro-static

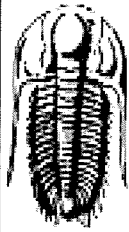
## Recovery

Length (ft)	Description	Volume (bbl)
265.00	WM 44%w 56%m	3.72
460.00	MW 20%m 80%w	6.45

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum Inc.  
 4924 S.E. 84th St.  
 Wichita KS. 67114  
 ATTN: Nick Gerstner

**7-22s-4e Marion,KS**  
**Comanche #1**  
 Job Ticket: 59780      **DST#: 2**  
 Test Start: 2015.06.23 @ 02:57:10

### GENERAL INFORMATION:

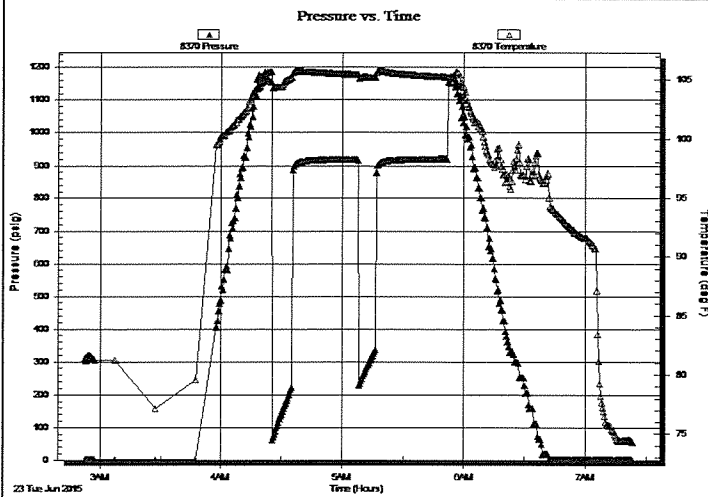
Formation: **Hunton**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 04:25:25  
 Time Test Ended: 07:24:55  
 Interval: **2390.00 ft (KB) To 2528.00 ft (KB) (TVD)**  
 Total Depth: 2528.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Gary Pevoteaux  
 Unit No: 80  
 Reference Elevations: 1401.00 ft (KB)  
 1301.00 ft (CF)  
 KB to GR/CF: 100.00 ft

### Serial #: 8370

Inside

Press@RunDepth:      psig @ 2391.00 ft (KB)  
 Start Date: 2015.06.23      End Date: 2015.06.23  
 Start Time: 02:52:25      End Time: 07:23:04  
 Capacity: 8000.00 psig  
 Last Calib.: 1899.12.30  
 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF:Strong blow . B.O.B. in 70 secs.  
 IS!:No blow .  
 FF:Strong blow . B.O.B. in 95 secs.  
 FS!:No blow .



### PRESSURE SUMMARY

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

### Recovery

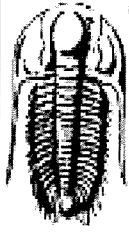
Length (ft)	Description	Volume (bbl)
265.00	WM 44%w 56%m	3.72
460.00	MW 20%m 80%w	6.45

### Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc.

**7-22s-4e Marion,KS**

4924 S.E. 84th St.  
Wichita KS. 67114

**Comanche #1**

Job Ticket: 59780

**DST#: 2**

ATTN: Nick Gerstner

Test Start: 2015.06.23 @ 02:57:10

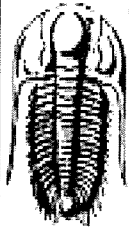
**Tool Information**

Drill Pipe:	Length: 2367.00 ft	Diameter: 3.80 inches	Volume: 33.20 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<b>Total Volume: 33.20 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 28000.00 lb
Depth to Top Packer:	2390.00 ft			Final 34500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	138.00 ft			
Tool Length:	166.00 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			2363.00	
Shut In Tool	5.00			2368.00	
Hydraulic tool	5.00			2373.00	
Jars	5.00			2378.00	
Safety Joint	3.00			2381.00	
Packer	4.00			2385.00	28.00 Bottom Of Top Packer
Packer	5.00			2390.00	
Stubb	1.00			2391.00	
Recorder	0.00	8352	Outside	2391.00	
Recorder	0.00	8370	Inside	2391.00	
Perforations	6.00			2397.00	
Blank Spacing	126.00			2523.00	
Bullnose	5.00			2528.00	138.00 Bottom Packers & Anchor

**Total Tool Length: 166.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum Inc.

**7-22s-4e Marion, KS**

4924 S.E. 84th St.  
Wichita KS. 67114

**Comanche #1**

Job Ticket: 59780

**DST#: 2**

ATTN: Nick Gerstner

Test Start: 2015.06.23 @ 02:57:10

## 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:

29000 ppm

Viscosity: 41.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
265.00	WM 44%w 56%m	3.717
460.00	MW 20%m 80%w	6.453

Total Length: 725.00 ft      Total Volume: 10.170 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

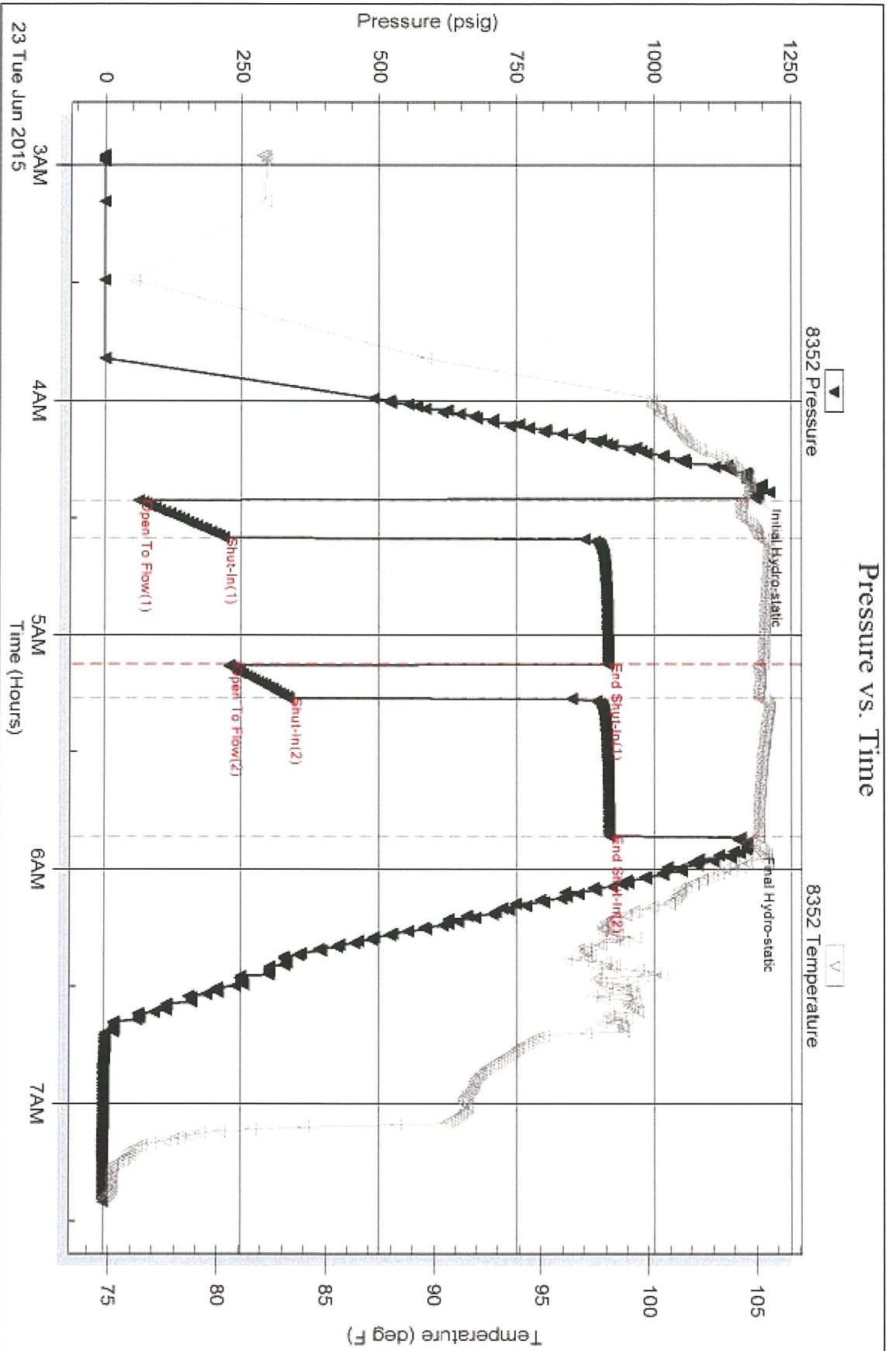
Recovery Comments: Rw .18@90deg

Serial #: 8352

Outside Palomino Petroleum Inc.

Comanche #1

DST Test Number: 2



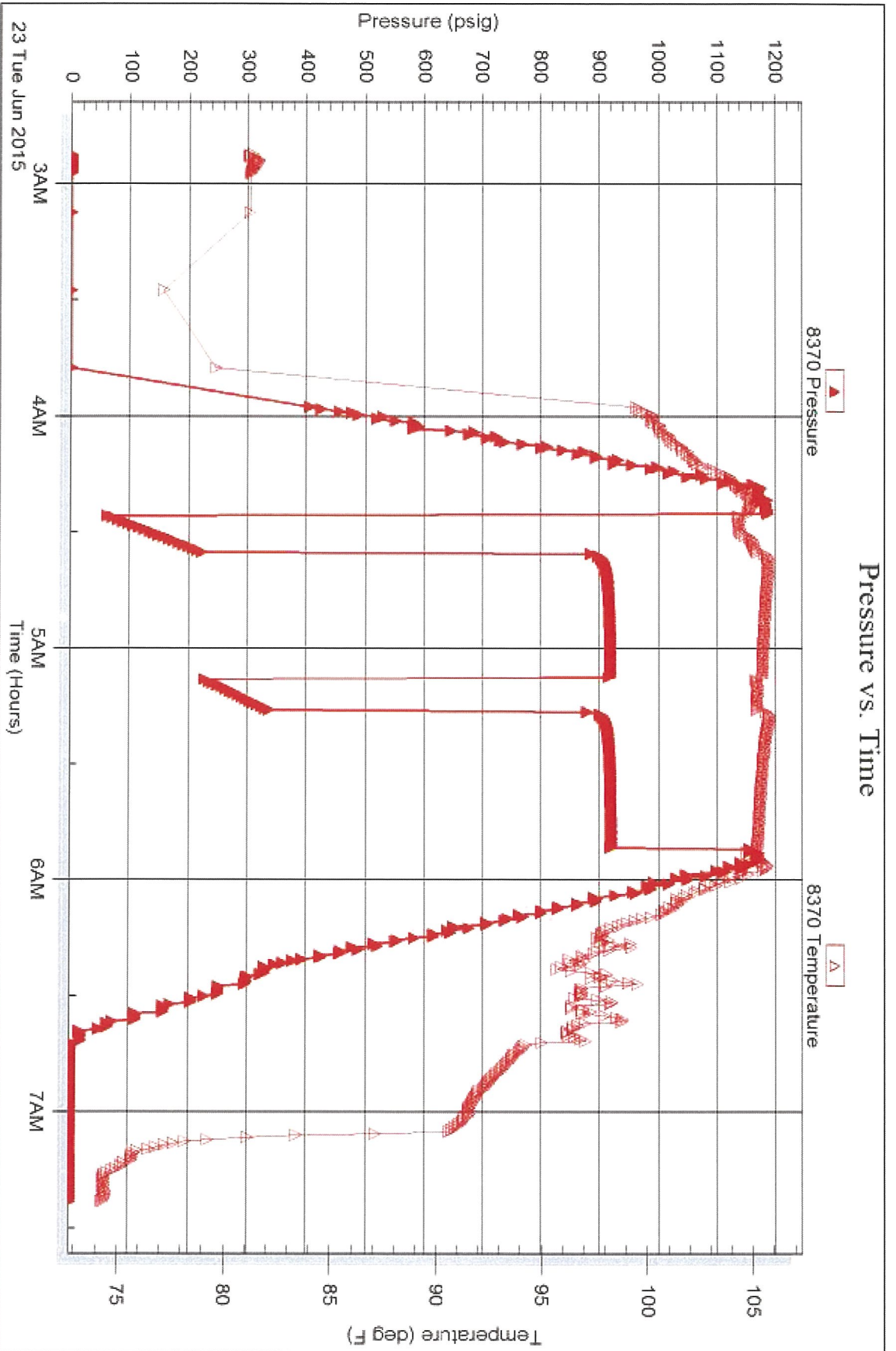
Serial #: 8370

Inside

Palomino Petroleum Inc.

Comanche #1

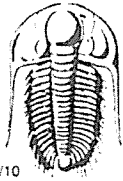
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 59780

Printed: 2015.06.24 @ 13:43:32



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59779

Well Name & No. COMANCHE #1 Test No. 1 Date 6-22-15  
 Company PALOMINO PETROLEUM INC. Elevation 1401 KB 1391 GL  
 Address 4924 S.E. 84TH ST., WICHITA KS. 67114  
 Co. Rep / Geo. NEUK GERSTNER Rig SOUTHWIND DRIG.#8  
 Location: Sec. 7 Twp. 22<sup>S</sup> Rge. 4 E Co. MAZION State KS

Interval Tested 2346 - 2383' Zone Tested MISS.  
 Anchor Length 37' Drill Pipe Run 2335' Mud Wt. 9.4  
 Top Packer Depth 2341' Drill Collars Run 0 Vis 43  
 Bottom Packer Depth 2346' Wt. Pipe Run 0 WL 9.6cc  
 Total Depth 2383' Chlorides 700 ppm System LCM 1#  
 Blow Description IF: Weak blow 1/2" decreasing. FST: No blow  
FF: No blow. FST: No blow.

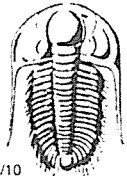
Rec	Feet of	%gas	%oil	%water	%mud
<u>12</u>	<u>Only Mud w/oil traces</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 12' BHT 102° Gravity N/A API RW N/A °F Chlorides 700 ppm

(A) Initial Hydrostatic <u>27</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>0839</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>0940</u>
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>1058</u>
(D) Initial Shut-In <u>545</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1301</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1424</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage <u>2221 x 1</u>	Comments _____
(G) Final Shut-In <u>487</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>1183</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	Sub Total _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Total _____
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total _____	

Approved By \_\_\_\_\_ Our Representative Cory Swartz

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



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59780

Well Name & No. COMANCHE #1 Test No. 2 Date 6-23-15  
 Company PALOMINO PETROLEUM INC Elevation 1401 KB 1391 GL  
 Address 4924 SE 84TH ST WICHITA KS 67114  
 Co. Rep / Geo. NICK GERSWER Rig SOUTHWIND DRILLING II 8  
 Location: Sec. 7 Twp. 22S Rge. 4W Co. MAZION State KS

Interval Tested 2390-2528' Zone Tested HUNTON  
 Anchor Length 138' Drill Pipe Run 2367' Mud Wt. 9.6  
 Top Packer Depth 2885' Drill Collars Run 0 Vis 411  
 Bottom Packer Depth 2390" Wt. Pipe Run 0 WL 10.4cc  
 Total Depth 2528' Chlorides 1,000 ppm System LCM 1#  
 Blow Description IF: Strong blow B.O.B. in 70 secs. ISI: No blow.

FF: Strong blow B.O.B. in 95 secs. FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>265</u>	<u>WM</u>		<u>44</u>	<u>56</u>	
<u>460</u>	<u>MW</u>		<u>80</u>	<u>20</u>	

Rec Total 725 BHT 105 Gravity N/A API RW 0.18 @ 90 °F Chlorides 29,020 ppm  
 (A) Initial Hydrostatic 1185  Test 0130 T-On Location  
 (B) First Initial Flow 62  Jars 0257 T-Started  
 (C) First Final Flow 217  Safety Joint 0425 T-Open  
 (D) Initial Shut-In 917  Circ Sub 0550 T-Pulled  
 (E) Second Initial Flow 227  Hourly Standby 0724 T-Out  
 (F) Second Final Flow 336  Mileage 48 X 2 \* 2 NIGHTS OUT  
 (G) Final Shut-In 918  Sampler OF TOWN  
 (H) Final Hydrostatic 1170  Straddle  Ruined Shale Packer  
 Shale Packer  Ruined Packer  
 Extra Packer  Extra Copies  
 Extra Recorder  
 Day Standby  
 Accessibility

Initial Open 10 Sub Total \_\_\_\_\_ Total \_\_\_\_\_  
 Initial Shut-In 30 MP/DST Disc't \_\_\_\_\_  
 Final Flow 10  
 Final Shut-In 30

Approved By \_\_\_\_\_ Our Representative Cory Davolans

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