



RECEIVED

AUG 17 2013

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 137896

Invoice Date: Aug 10, 2013

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

Page: 1

**Bill To:**

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Palo	61752	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Aug 10, 2013	9/9/13

Quantity	Item	Description	Unit Price	Amount
		Johnson #1		
180.00	CEMENT MATERIALS	Class A Comon	17.90	3,222.00
120.00	CEMENT MATERIALS	Pozmix	9.35	1,122.00
10.00	CEMENT MATERIALS	Gel	23.40	234.00
75.00	CEMENT MATERIALS	Flo Seal	2.97	222.75
322.20	CEMENT SERVICE	Cubic Feet	2.48	799.05
430.51	CEMENT SERVICE	Ton Mileage	2.60	1,119.33
1.00	CEMENT SERVICE	Rotary Plug	2,483.59	2,483.59
32.00	CEMENT SERVICE	Pump Truck Mileage	7.70	246.40
32.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	140.80
1.00	CEMENT SUPERVISOR	Joshua Isaac		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
1.00	OPERATOR ASSISTANT	Kevin Weighous		

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

\$ 1,917.98

ONLY IF PAID ON OR BEFORE  
Sep 4, 2013

Subtotal	9,589.92
Sales Tax	589.78
Total Invoice Amount	10,179.70
Payment/Credit Applied	
<b>TOTAL</b>	<b>10,179.70</b>

# ALLIED OIL & GAS SERVICE, LLC 061752

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Great Bend, KS

DATE <u>8-10-13</u>	SEC. <u>2</u>	TWP. <u>16</u>	RANGE <u>26</u>	CALLED OUT	ON LOCATION	JOB START <u>11:20 AM</u>	JOB FINISH <u>12:00 PM</u>
LEASE <u>Johnson</u>		WELL# <u>1</u>	LOCATION <u>East 1/2 of U262 2 1/2 N</u>		COUNTY <u>Wes</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one)			<u>WEST INTO</u>				

CONTRACTOR Maurick Drilling 106  
 TYPE OF JOB Rotary Plug  
 HOLE SIZE 17 1/2 T.D.  
 CASING SIZE 8 1/2 DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH 2040  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. All  
 PERFS.  
 DISPLACEMENT Submer

OWNER  
 CEMENT  
 AMOUNT ORDERED 300SKS 60/40 4% gel  
1/4 Flo  
 COMMON 180 @ 17.90 3,222.00  
 POZMIX 120 @ 9.35 1,122.00  
 GEL 10 @ 23.40 234.00  
 CHLORIDE 0 @  
 ASC @  
7/16 Seal 75 @ 2.97 222.75  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING 322.2 @ 2.48 799.05  
 MILEAGE 13.45 x 32 x 2.60 1,119.80  
 TOTAL 6,719.13

EQUIPMENT  
 PUMP TRUCK CEMENTER Josh Trace  
 # 393 HELPER Mike Scathorn  
 BULK TRUCK  
 # 610-112 DRIVER Kevin Vaughan  
 BULK TRUCK  
 # DRIVER

REMARKS:  
See cement log  
Plug down 11:20pm

CHARGE TO: Palomino Petroleum  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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.

PRINTED NAME X Cecil E. Farmer  
 SIGNATURE X Cecil E. Farmer  
Thank you!!

SERVICE  
 DEPTH OF JOB 2040  
 PUMP TRUCK CHARGE 2,483.25  
 EXTRA FOOTAGE @  
 MILEAGE Hum 32 @ 7.70 246.70  
 MANIFOLD @  
Hum 32 @ 4.40 140.80  
 @  
 TOTAL 2,870.75

PLUG & FLOAT EQUIPMENT  
 @  
 @  
 @  
 @  
 @  
 TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES 9,589.92  
 DISCOUNT 1,917.98 IF PAID IN 30 DAYS  
7,671.93



RECEIVED

AUG 17 2013

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 137782

Invoice Date: Aug 3, 2013

Page: 1

Voice: (817) 546-7282

Fax: (817) 246-3361

**Bill To:**

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Palo	60557	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Aug 3, 2013	9/2/13

Quantity	Item	Description	Unit Price	Amount
		Johnson #1		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
5.00	CEMENT MATERIALS	Chloride	64.00	320.00
162.09	CEMENT SERVICE	Cubic Feet	2.48	401.98
236.80	CEMENT SERVICE	Ton Mileage	2.60	615.68
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
32.00	CEMENT SERVICE	Pump Truck Mileage	7.70	246.40
32.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	140.80
1.00	CEMENT SUPERVISOR	Dustin Chambers		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
1.00	OPERATOR ASSISTANT	Steven Vasquez		

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

\$ 1,498.08

ONLY IF PAID ON OR BEFORE

Aug 28, 2013

Subtotal	5,992.31
Sales Tax	189.12
Total Invoice Amount	6,181.43
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,181.43</b>

# ALLIED OIL & GAS SERVICES, LLC 060557

Federal Tax I.D. # 20-3651475

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

SERVICE POINT:  
Great Bend, KS

DATE <u>6-7-13</u>	SEC. <u>2</u>	TWP. <u>16S</u>	RANGE <u>26W</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00</u>	JOB FINISH <u>3:00 AM</u>
LEASE <u>Johnson</u>		WELL # <u>1</u>		LOCATION <u>Utica 2.8N 16.0W into</u>		COUNTY <u>NESS</u>	STATE <u>KS</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR P. Maverick Dalling #106 OWNER \_\_\_\_\_

TYPE OF JOB Surf face

HOLE SIZE 12 1/4 T.D. \_\_\_\_\_ CEMENT AMOUNT ORDERED 150 gks Class A

CASING SIZE 4 5/8 DEPTH 262.71 3% cc 2 y gel

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2 DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15 Gt

PERFS. \_\_\_\_\_

DISPLACEMENT 15.77 bbls Freshwater

EQUIPMENT \_\_\_\_\_

PUMP TRUCK CEMENTER Rustin Chambers

# 366 HELPER Milse Scottborn

BULK TRUCK \_\_\_\_\_

# 610-112 DRIVER Sere Vasquez

BULK TRUCK \_\_\_\_\_

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

Break circulation with Big mud  
run 5 bbls Freshwater ahead  
run 150 gks Class A 3% cc 2 y gel  
Displace 15.77 bbls Freshwater  
of strength  
plug down 2:15 AM  
Big down

COMMON	<u>150</u>	@	<u>17.90</u>	<u>2685.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.40</u>	<u>70.20</u>
CHLORIDE	<u>5</u>	@	<u>64.00</u>	<u>320.00</u>
ASC		@		

HANDLING 142.09 @ 2.48 401.98

MILEAGE 7.4 x 32 @ 2.00 615.68

TOTAL 4,092.86

**SERVICE:**

DEPTH OF JOB 262.71

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE HVM 32 @ 7.70 246.40

MANIFOLD LVM 32 @ 4.40 140.80

TOTAL 1899.45

CHARGE TO: Palomino Petroleum

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL \_\_\_\_\_

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.

PRINTED NAME Cecil E. Farmer

SIGNATURE Cecil E. Farmer

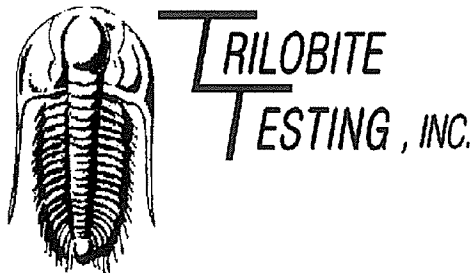
Thank You!!

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 5992.31

DISCOUNT -1498.08 IF PAID IN 30 DAYS

\$ 4,494.23



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

**Johnson #1**

**2-16s-26w Ness,KS**

Start Date: 2013.08.08 @ 00:50:39

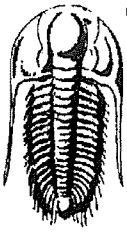
End Date: 2013.08.08 @ 09:39:39

Job Ticket #: 54386                      DST #: 1

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

Printed: 2013.08.12 @ 09:31:47

Palomino Petroleum    2-16s-26w Ness,KS    Johnson #1    DST # 1    LKC H-L    2013.08.08



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum

**2-16s-26w Ness, KS**

4924 SE 84th St  
New ton KS 67114

**Johnson #1**

Job Ticket: 54386

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2013.08.08 @ 00:50:39

## GENERAL INFORMATION:

Formation: **LKC H-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:49:39

Time Test Ended: 09:39:39

Test Type: Conventional Bottom Hole (Initial)

Tester: Tate Lang

Unit No: 41

Interval: **4072.00 ft (KB) To 4225.00 ft (KB) (TVD)**

Reference Elevations: 2617.00 ft (KB)

Total Depth: 4225.00 ft (KB) (TVD)

2607.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 6752** Inside

Press@RunDepth: 107.97 psig @ 4074.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.08.08

End Date: 2013.08.08

Last Calib.: 2013.08.08

Start Time: 00:50:40

End Time: 09:39:39

Time On Btm: 2013.08.08 @ 04:49:29

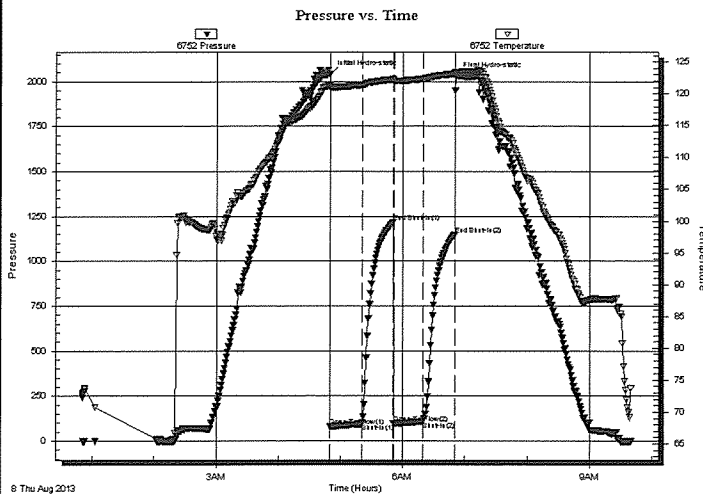
Time Off Btm: 2013.08.08 @ 06:50:48

TEST COMMENT: Weak surface blow built to 2"

Dead no blow back

Dead no blow

Dead no blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2040.02	121.35	Initial Hydro-static
1	79.06	120.85	Open To Flow (1)
31	94.12	121.36	Shut-In(1)
62	1214.56	122.24	End Shut-In(1)
62	96.56	121.96	Open To Flow (2)
91	107.97	122.31	Shut-In(2)
121	1147.62	123.12	End Shut-In(2)
122	2029.18	123.39	Final Hydro-static

## Recovery

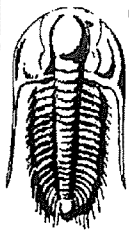
Length (ft)	Description	Volume (bbl)
1.00	100%O	0.01
65.00	100%M w it oil spots	0.91

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**2-16s-26w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Johnson #1**

Job Ticket: 54386

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2013.08.08 @ 00:50:39

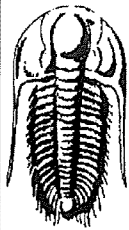
### Tool Information

Drill Pipe:	Length: 4072.00 ft	Diameter: 3.80 inches	Volume: 57.12 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	4072.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	153.00 ft			
Tool Length:	180.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4050.00	
Hydraulic tool	5.00			4055.00	
Jars	5.00			4060.00	
Safety Joint	2.00			4062.00	
Packer	5.00			4067.00	27.00 Bottom Of Top Packer
Packer	5.00			4072.00	
Stubb	1.00			4073.00	
Perforations	1.00			4074.00	
Recorder	0.00	6752	Inside	4074.00	
Recorder	0.00	8322	Outside	4074.00	
Change Over Sub	1.00			4075.00	
Drill Pipe	126.00			4201.00	
Change Over Sub	1.00			4202.00	
PERforations	20.00			4222.00	
Bullnose	3.00			4225.00	153.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>		<b>180.00</b>			





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**2-16s-26w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Johnson #1**

Job Ticket: 54386

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2013.08.08 @ 00:50:39

## 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:

bbf

Water Loss: 7.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1.00	100%O	0.014
65.00	100%M w it oil spots	0.912

Total Length: 66.00 ft

Total Volume: 0.926 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6752

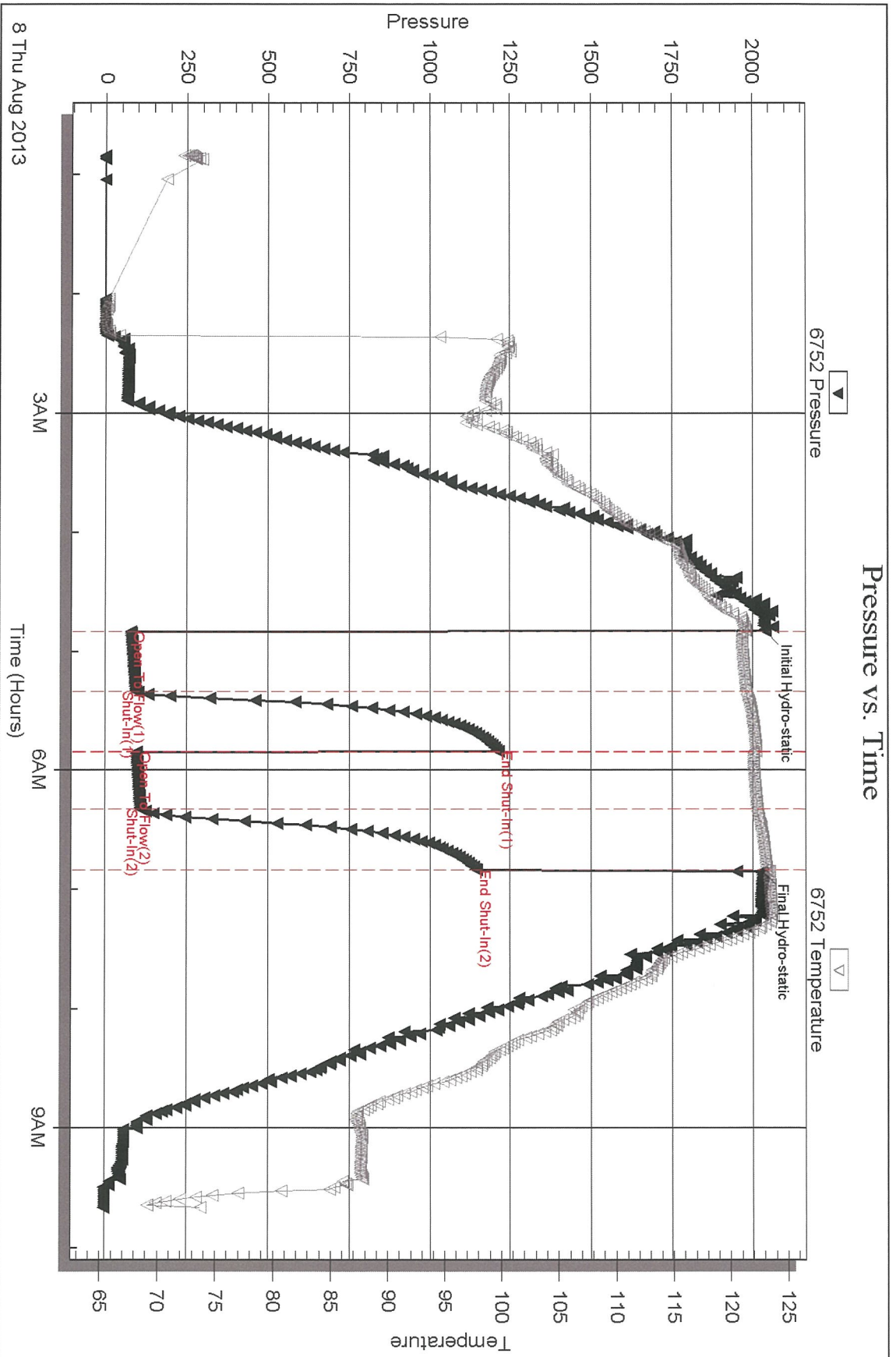
Inside

Palomino Petroleum

Johnson #1

DST Test Number: 1

### Pressure vs. Time



Serial #: 8322

Outside

Palomino Petroleum

Johnson #1

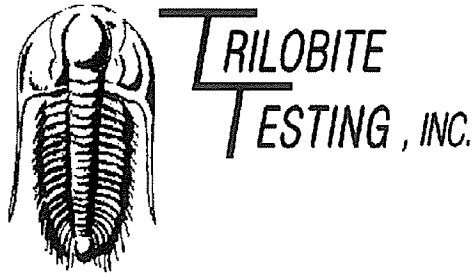
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54386

Printed: 2013.08.12 @ 09:31:50



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

**Johnson #1**

**2-16s-26w Ness,KS**

Start Date: 2013.08.09 @ 18:30:00

End Date: 2013.08.10 @ 02:59:20

Job Ticket #: 54387                      DST #: 2

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

Printed: 2013.08.12 @ 09:30:46



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Palomino Petroleum  
4924 SE 84th St  
New ton KS 67114  
ATTN: Andrew Stenzel

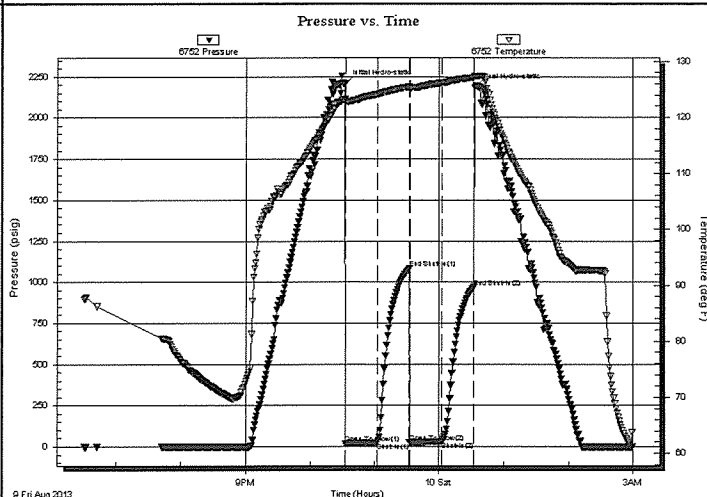
**2-16s-26w Ness,KS**  
**Johnson #1**  
Job Ticket: 54387      **DST#: 2**  
Test Start: 2013.08.09 @ 18:30:00

### GENERAL INFORMATION:

Formation: **Miss**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 22:32:40  
Time Test Ended: 02:59:20  
Interval: **4458.00 ft (KB) To 4545.00 ft (KB) (TVD)**  
Total Depth: 4545.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Brett Dickinson  
Unit No: 41  
Reference Elevations: 2617.00 ft (KB)  
2607.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 6752      Inside**  
Press@RunDepth: 30.22 psig @ 4460.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.08.09      End Date: 2013.08.10      Last Calib.: 2013.08.10  
Start Time: 18:30:01      End Time: 02:59:20      Time On Btm: 2013.08.09 @ 22:32:10  
Time Off Btm: 2013.08.10 @ 00:33:00

TEST COMMENT: IF-1 1/2" blow  
IS-No blow  
FF-No blow  
FSI-No blow



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2207.77	123.26	Initial Hydro-static
1	17.87	122.90	Open To Flow (1)
30	24.02	124.10	Shut-In(1)
60	1082.13	125.42	End Shut-In(1)
61	25.30	125.19	Open To Flow (2)
91	30.22	126.15	Shut-In(2)
120	968.51	127.11	End Shut-In(2)
121	2183.05	127.39	Final Hydro-static

### Recovery

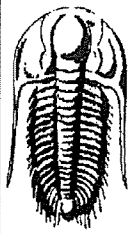
Length (ft)	Description	Volume (bbl)
1.00	Free Oil	0.01
30.00	SOCM 5%O 95%M	0.42

\* 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

**2-16s-26w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Johnson #1**

Job Ticket: 54387

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2013.08.09 @ 18:30:00

### Tool Information

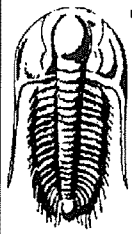
Drill Pipe:	Length: 4451.00 ft	Diameter: 3.80 inches	Volume: 62.44 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 62.44 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4458.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	114.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4436.00	
Hydraulic tool	5.00			4441.00	
Jars	5.00			4446.00	
Safety Joint	2.00			4448.00	
Packer	5.00			4453.00	27.00 Bottom Of Top Packer
Packer	5.00			4458.00	
Stubb	1.00			4459.00	
Perforations	1.00			4460.00	
Recorder	0.00	6752	Inside	4460.00	
Recorder	0.00	8322	Outside	4460.00	
Change Over Sub	1.00			4461.00	
Drill Pipe	62.00			4523.00	
Change Over Sub	1.00			4524.00	
PERforations	18.00			4542.00	
Bullnose	3.00			4545.00	87.00 Bottom Packers & Anchor

**Total Tool Length: 114.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**2-16s-26w Ness,KS**

4924 SE 84th St  
New ton KS 67114

**Johnson #1**

Job Ticket: 54387

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2013.08.09 @ 18:30:00

## 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: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
1.00	Free Oil	0.014
30.00	SOCM 5%O 95%M	0.421

Total Length: 31.00 ft

Total Volume: 0.435 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

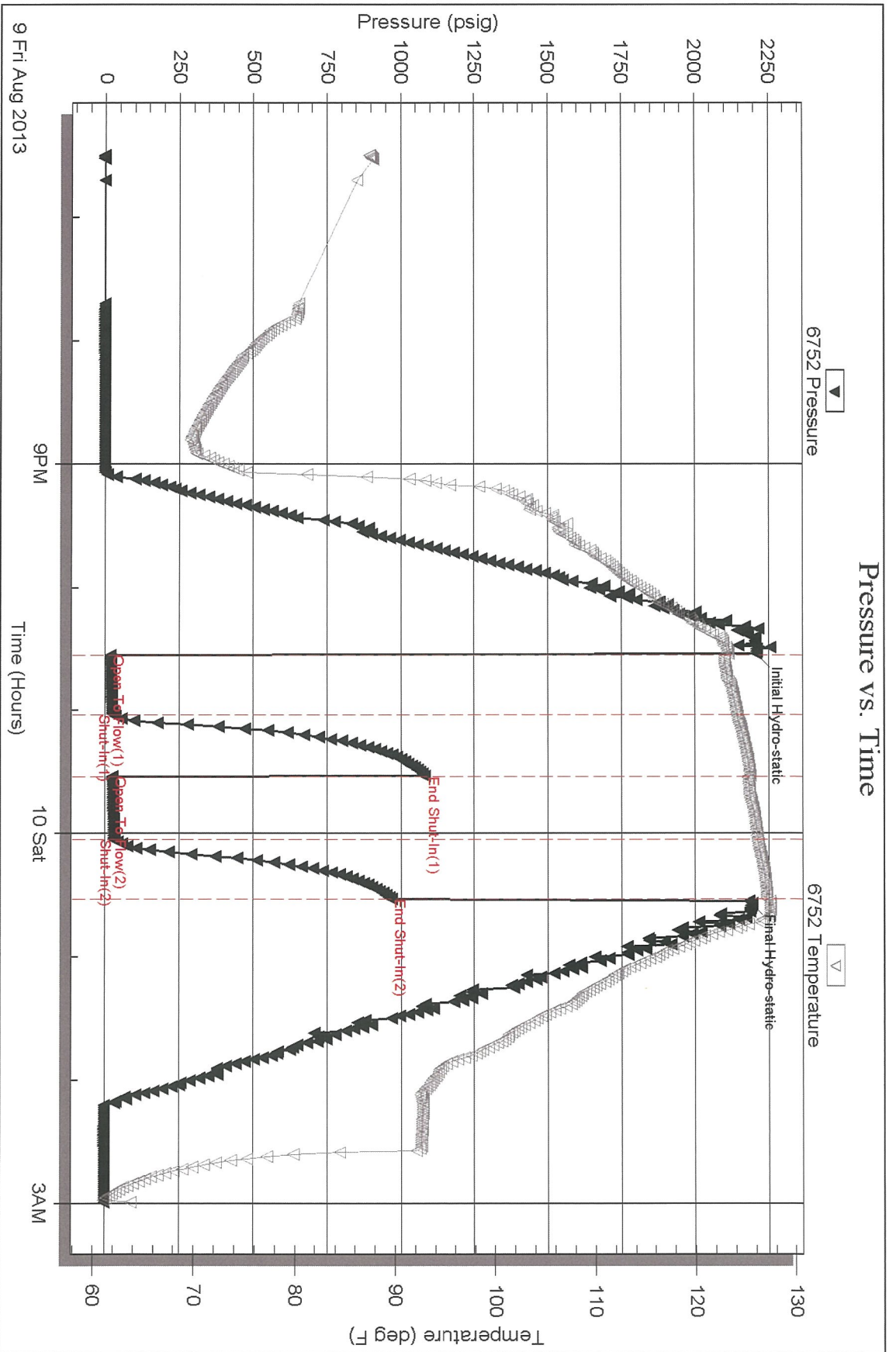
Serial #: 6752

Inside

Palomino Petroleum

Johnson #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 54387

Printed: 2013.08.12 @ 09:30:49

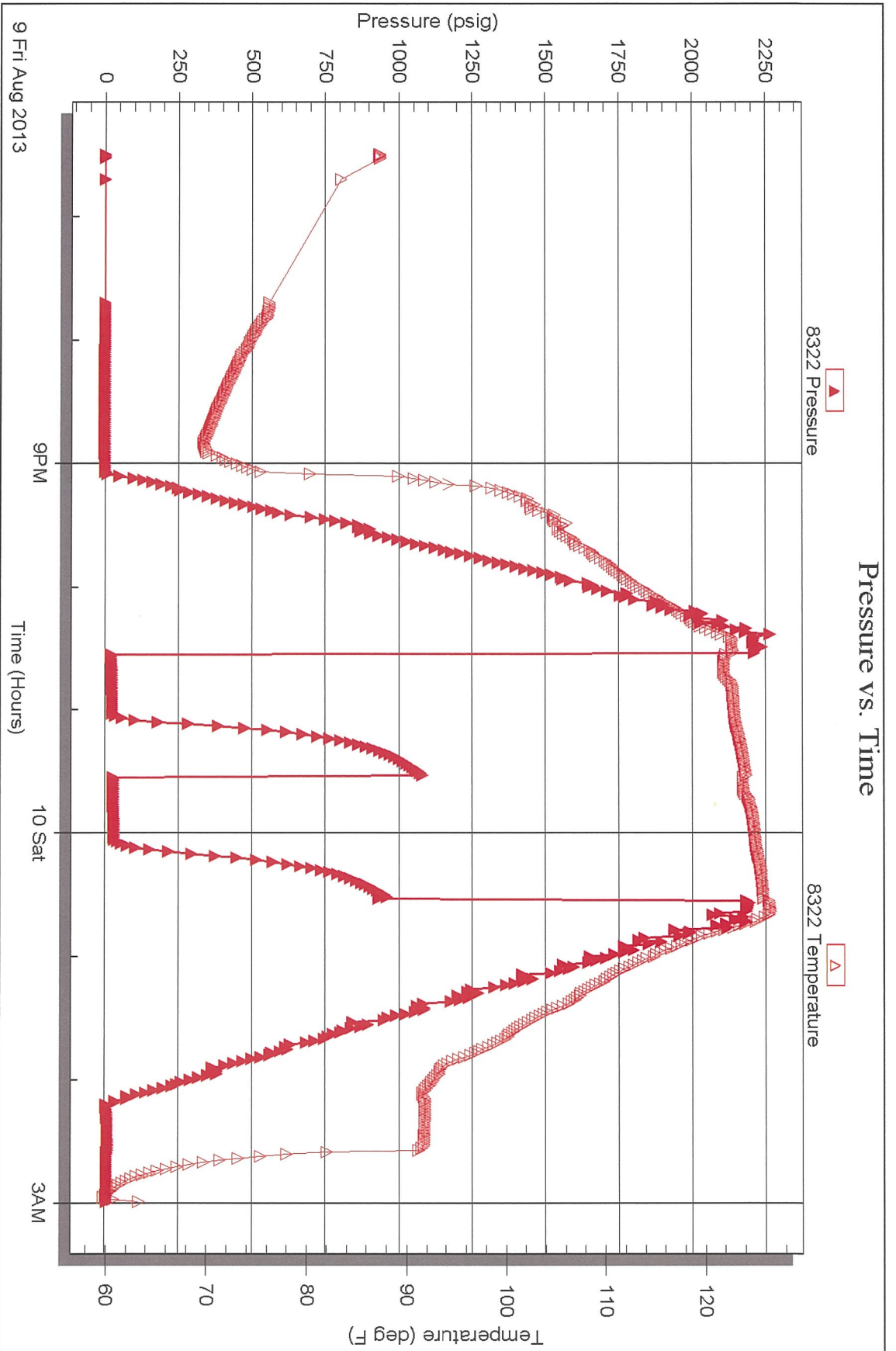
Serial #: 8322

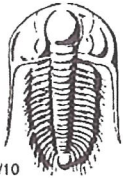
Outside

Palomino Petroleum

Johnson #1

DST Test Number: 2





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 54386

Well Name & No. Johnson #1 Test No. 1 Date 8-7-13  
 Company Palomino Petroleum Elevation 2617 KB 2607 GL  
 Address 4924 SE ~~14th~~ 84th St Newton KS, 67114  
 Co. Rep / Geo. Andrew Stenzel Rig Maurice #106  
 Location: Sec. 2 Twp. 16S Rge. 26W Co. Ness State KS

Interval Tested 4072 4225 Zone Tested Loring H-L  
 Anchor Length 153 Drill Pipe Run 4062 Mud Wt. 9.3  
 Top Packer Depth 4068 Drill Collars Run 0 Vis 48  
 Bottom Packer Depth 4072 Wt. Pipe Run 0 WL 7.8  
 Total Depth 4225 Chlorides 2000 ppm System LCM TR

Blow Description Weak surface blow built to 2in  
Dead no blow back  
Dead no blow  
Dead no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Clear Oil</u>		<u>100</u>		
<u>65</u>	<u>Mud with oil spots</u>				<u>100</u>

Rec Total 662 BHT 110 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2040</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>22:30</u>
(B) First Initial Flow <u>79</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>00:150</u>
(C) First Final Flow <u>94</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>04:48</u>
(D) Initial Shut-In <u>1215</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>06:48</u>
(E) Second Initial Flow <u>97</u>	<input checked="" type="checkbox"/> Hourly Standby <u>2 hrs</u> 200	T-Out <u>09:38</u>
(F) Second Final Flow <u>108</u>	<input checked="" type="checkbox"/> Mileage <u>150 RT</u> 106rt 164.30	Comments <u>told on</u>
(G) Final Shut-In <u>1148</u>	<input type="checkbox"/> Sampler	<u>Bank @ 23:00</u>
(H) Final Hydrostatic <u>2029</u>	<input type="checkbox"/> Straddle	<u>DN Bank @ :02:00</u>

Initial Open 30  Ruined Shale Packer  
 Initial Shut-In 30  Ruined Packer  
 Final Flow 30  Extra Packer  
 Final Shut-In 30  Extra Recorder  
 Extra Copies  
 Sub Total 0  
 Total 1814.30  
 MP/DST Disc't —  
 Sub Total 1814.30

Approved By [Signature] Our Representative [Signature]

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. 54387

Well Name & No. Johnson #1 Test No. 2 Date 8/9/13  
 Company Palemone Petroleum Elevation 2617 KB 2607 GL  
 Address 4924 SE 84th St Newton KS, 67114  
 Co. Rep / Geo. Andrew Stenzel Rig Maurice #106  
 Location: Sec. 2 Twp. 16S Rge. 26W Co. Neos State KS

Interval Tested 4458-4545 Zone Tested Miss  
 Anchor Length 87 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.4  
 Top Packer Depth 4453 Drill Collars Run \_\_\_\_\_ Vis 49  
 Bottom Packer Depth 4458 Wt. Pipe Run \_\_\_\_\_ WL 7.2  
 Total Depth 4545 Chlorides 6,400 ppm System LCM \_\_\_\_\_

Blow Description IF - 1/2 in blow  
ISF - No blow  
EF - No blow  
FST - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Free Oil</u>	<u>100</u>			
<u>30</u>	<u>SOCAL</u>	<u>5</u>		<u>95</u>	
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 31 BHT 127 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2208</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>18:10</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>18:30</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>22:30</u>
(D) Initial Shut-In <u>1,082</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>00:30</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>03:00</u>
(F) Second Final Flow <u>30</u>	<input checked="" type="checkbox"/> Mileage <u>1500 TX2</u>	Comments <u>Prob Totes Per Standby</u>
(G) Final Shut-In <u>969</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2,183</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30  Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_  
 Final Shut-In 30  Day Standby 1d 8.5h Sub Total 1903.60  
 Accessibility \_\_\_\_\_  
 Sub Total 1903.60

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

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.