



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1267925  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1267925

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Doc 3
Doc ID	1267925

Tops

Name	Top	Datum
Anhy.	1830	(+538)
Base Anhy.	1873	(+495)
Heebner	3612	(-1244)
Toronto	3630	(-1262)
Lansing	3651	(-1283)
BKC	3930	(-1562)
Maramton	3942	(-1574)
Pawnee	4082	(-1714)
Ft. Scott	4145	(-1777)
Miss.	4240	(-1872)
LTD	4300	(-1932)

Global Cementing LLC

1958 E HWY 40  
Russell, KS 67665

# Invoice

Date	Invoice #
9/24/2015	2512
Due Date	10/24/2015

**RECEIVED**

**SEP 30 2015**

Bill To
PALOMINO PETROLEUM INC 4924 SE 84TH ST NEWTON,KS 67114

P.O. No.	Project
DOC#3	

Quantity	Description	Rate	Amount
375	COMMON	15.00	5,625.00
13	CALCIUM	59.00	767.00
7	GEL	23.50	164.50
395	HANDLING	2.10	829.50
	BULK MILEAGE	316.00	316.00
1	TRI-PLEX PUMP CHARGE FOR SURFACE	850.00	850.00
10	PUMP TRUCK MILEAGE	8.00	80.00
10	PICKUP	2.00	20.00
1	8 5/8 RUBBER PLUG	165.00	165.00
	25% DISCOUNT IF PAID WITHIN 30 DAYS FROM INVOICE TREGO CO	8.00%	0.00

Thank you for your business.

**Total**

\$8,817.00

Phone #	Fax #	E-mail
785-324-2658	785-445-4174	globalcementing@gmail.com



# GLOBAL CEMENTING, L.L.C.

REMIT TO 18048 170RD  
RUSSELL, KS 67665

SERVICE POINT: RUSSELL, KS

DATE <u>9-29-15</u>	SEC. <u>19</u>	TWP. <u>14</u>	RANGE <u>20W</u>	CALLED OUT	ON LOCATION <u>10 PM</u>	JOB START <u>7:30 AM</u>	JOB FINISH <u>8:30 AM</u>
LEASE <u>Doc</u>	WELL #. <u>3</u>	LOCATION			COUNTY <u>Trego</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR WW 12

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D.

CASING SIZE 8 5/8" DEPTH 940.71'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 20'

PERFS

DISPLACEMENT

OWNER

CEMENT AMOUNT ORDERED 3755X 40m  
3% CC 2% GFL

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER BRAD

# P1 HELPER JASON

BULK TRUCK DRIVER Woody

# B3 DRIVER

# DRIVER

REMARKS:

RUN IN 22 JTS 8 5/8" CASING - CIRCULATE MUD -  
HOOK UP CEMENT - MIX 3755X - LAUNCH  
PLUG - WASH UP + DISPLACE 58.5 BBL H2O -  
LAND PLUG 20' ABOVE SHOE - SHUT IN @  
200 PSI - CEMENT DID CIRCULATE

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD DETS SURFACE H2O @

TOTAL

CHARGE TO: PALOMINO PETROLEUM INC

STREET

CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

Global Cementing, L.L.C.,  
 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 Calvin Blumsted

SIGNATURE Calvin Blumsted

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

Global Cementing LLC

1958 E HWY 40  
Russell, KS 67665

RECEIVED

OCT 05 2015

# Invoice

Date	Invoice #
10/1/2015	2541
Due Date	10/31/2015

Bill To
PALOMINO PETROLEUM INC 4924 SE 84TH ST NEWTON,KS 67114

P.O. No.	Project
DOC#3	

Quantity	Description	Rate	Amount
144	COMMON	15.75	2,268.00
96	POZ	7.50	720.00
8	GEL	23.50	188.00
60	FLO-SEAL	2.00	120.00
248	HANDLING	2.10	520.80
	BULK MILEAGE	198.40	198.40
1	TRI-PLEX PUMP CHARGE FOR PLUG	900.00	900.00
10	PUMP TRUCK MILEAGE	8.00	80.00
10	PICKUP	2.00	20.00
1	DRY HOLE PLUG	62.50	62.50
	DEDUCT 20% FROM TOTAL IF PAID WITHIN 30 DAYS OF INVOICE TREGO CO	8.00%	0.00

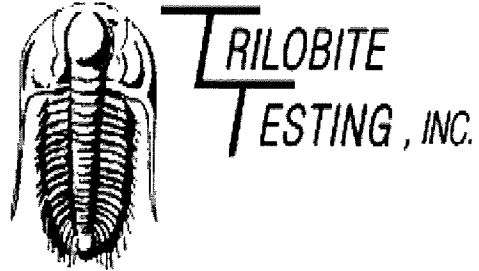
Thank you for your business.

<b>Total</b>	\$5,077.70
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Phone #	Fax #	E-mail
785-324-2658	785-445-4174	globalcementing@gmail.com







## DRILL STEM TEST REPORT

Prepared For: **Palomino Petro. Inc.**

4924 SE 84th St  
Newton KS 67114

ATTN: Andy White

### Doc #3

### 19-14s-25w Trego,KS

Start Date: 2015.09.28 @ 13:55:00

End Date: 2015.09.28 @ 20:09:15

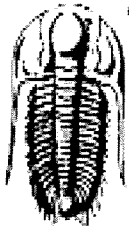
Job Ticket #: 64854                      DST #: 1

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

Printed: 2015.10.01 @ 10:01:24

Palomino Petro. Inc. 19-14s-25w Trego,KS Doc #3 DST # 1 KC"J" 2015.09.28





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petro. Inc.  
 4924 SE 84th St  
 Newton KS 67114  
 ATTN: Andy White

**19-14s-25w Trego,KS**  
**Doc #3**  
 Job Ticket: 64854      **DST#: 1**  
 Test Start: 2015.09.28 @ 13:55:00

## GENERAL INFORMATION:

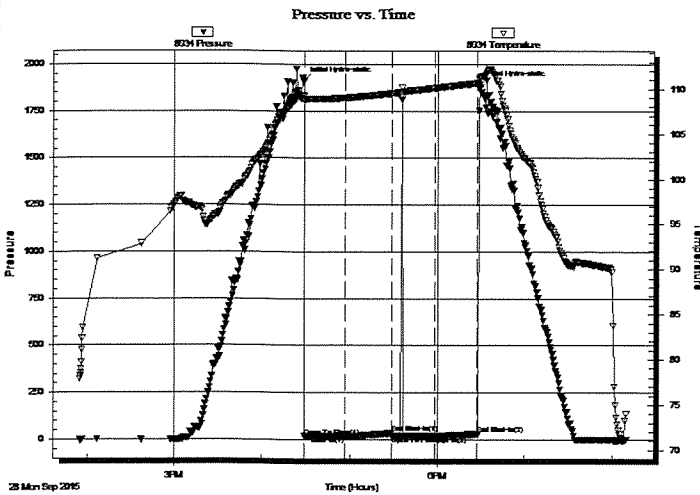
Formation: **KC"J"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:29:15  
 Time Test Ended: 20:09:15  
 Interval: **3860.00 ft (KB) To 3880.00 ft (KB) (TVD)**  
 Total Depth: 3880.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Brett Dickinson  
 Unit No: 81  
 Reference Elevations: 2364.00 ft (KB)  
 2357.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 8934

Inside

Press@RunDepth: 20.83 psig @ 3877.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2015.09.28      End Date: 2015.09.28      Last Calib.: 2015.09.28  
 Start Time: 13:55:05      End Time: 20:09:14      Time On Btm: 2015.09.28 @ 16:28:30  
 Time Off Btm: 2015.09.28 @ 18:29:15

TEST COMMENT: IF-Surface blow died in 9 min  
 IS-No blow  
 FF-No blow  
 FS-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1910.33	109.23	Initial Hydro-static
1	17.95	108.73	Open To Flow (1)
29	18.35	109.01	Shut-In(1)
60	34.45	109.51	End Shut-In(1)
61	17.95	109.51	Open To Flow (2)
90	20.83	110.10	Shut-In(2)
119	29.47	110.65	End Shut-In(2)
121	1890.67	111.21	Final Hydro-static

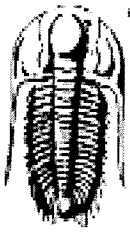
## Recovery

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

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petro. Inc.

**19-14s-25w Trego,KS**

4924 SE 84th St  
New ton KS 67114

**Doc #3**

Job Ticket: 64854

**DST#: 1**

ATTN: Andy White

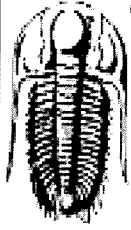
Test Start: 2015.09.28 @ 13:55:00

### Tool Information

Drill Pipe:	Length: 3724.00 ft	Diameter: 3.80 inches	Volume: 52.24 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3860.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	48.00 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			3837.00	
Hydraulic tool	5.00			3842.00	
Jars	5.00			3847.00	
Safety Joint	3.00			3850.00	
Packer	5.00			3855.00	28.00 Bottom Of Top Packer
Packer	5.00			3860.00	
Stubb	1.00			3861.00	
Perforations	16.00			3877.00	
Recorder	0.00	8934	Inside	3877.00	
Recorder	0.00	8736	Outside	3877.00	
Bullnose	3.00			3880.00	20.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>48.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petro. Inc.  
4924 SE 84th St  
New ton KS 67114  
ATTN: Andy White

**19-14s-25w Trego,KS**  
**Doc #3**  
Job Ticket: 64854      **DST#: 1**  
Test Start: 2015.09.28 @ 13:55:00

## 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:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.79 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	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 #: 8934

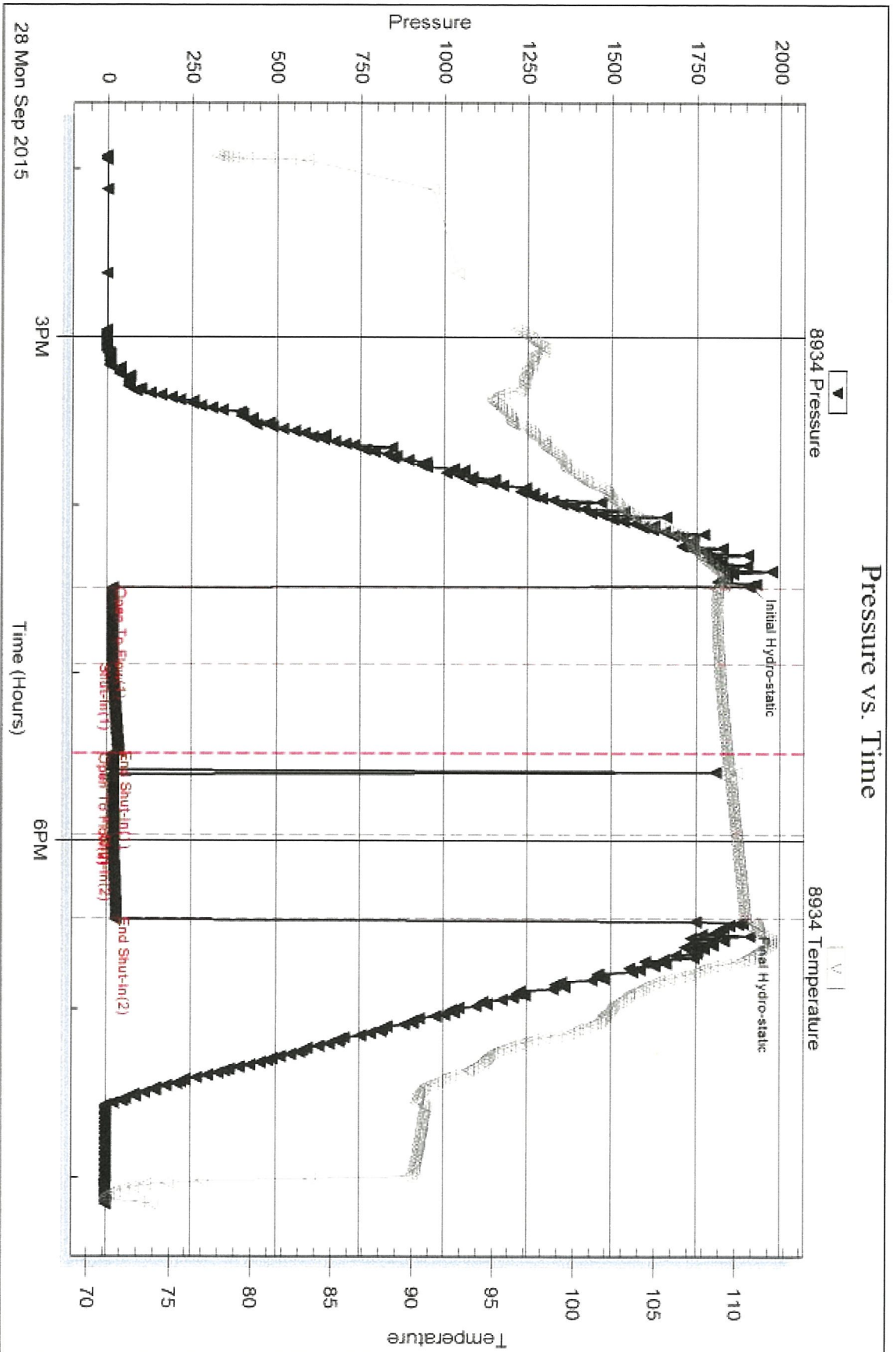
Inside

Palomino Petro. Inc.

Doc #3

DST Test Number: 1

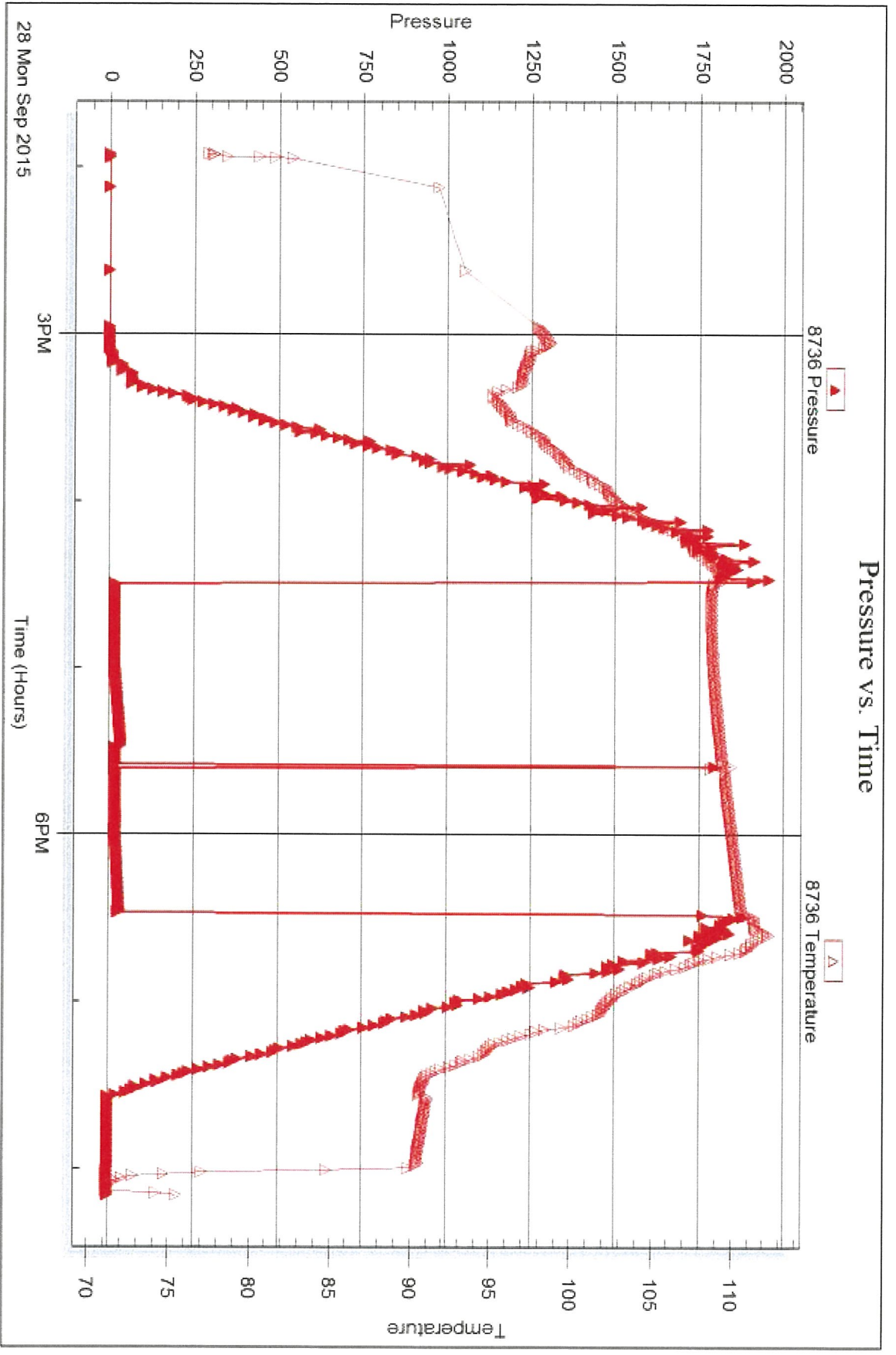
### Pressure vs. Time

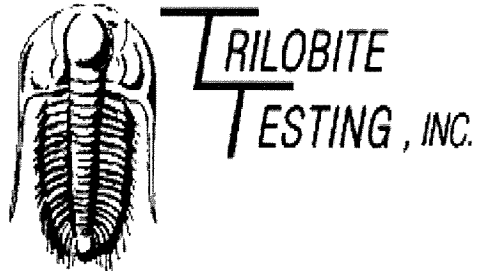


Trioble Testing, Inc

Ref. No: 64854

Printed 2015 10 01 @ 10:01:25





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petro. Inc.**

4924 SE 84th St  
Newton KS 67114

ATTN: Andy White

### **Doc #3**

### **19-14s-25w Trego,KS**

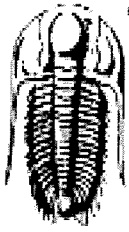
Start Date: 2015.09.29 @ 05:10:00

End Date: 2015.09.29 @ 11:10:30

Job Ticket #: 64855                      DST #: 2

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

Printed: 2015.10.01 @ 10:00:17



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petro. Inc.

**19-14s-25w Trego,KS**

4924 SE 84th St  
New ton KS 67114

**Doc #3**

Job Ticket: 64855

**DST#: 2**

ATTN: Andy White

Test Start: 2015.09.29 @ 05:10:00

## GENERAL INFORMATION:

Formation: **KC "K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:20:45

Time Test Ended: 11:10:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 81

Interval: **3866.00 ft (KB) To 3930.00 ft (KB) (TVD)**

Total Depth: 3930.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2364.00 ft (KB)

2357.00 ft (CF)

KB to GR/CF: 7.00 ft

**Serial #: 8934**

Inside

Press@RunDepth: 61.03 psig @ 3894.00 ft (KB)

Start Date: 2015.09.29

End Date: 2015.09.29

Capacity: 8000.00 psig

Last Calib.: 2015.09.29

Start Time: 05:10:05

End Time: 11:10:29

Time On Btm: 2015.09.29 @ 07:20:00

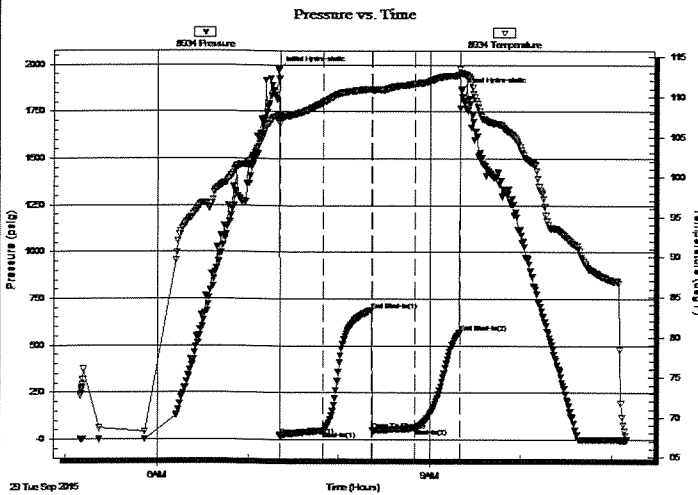
Time Off Btm: 2015.09.29 @ 09:20:45

TEST COMMENT: IF-Surface blow died in 6 min

IS-No blow

FF-No blow

FS-No blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.00	107.65	Initial Hydro-static
1	22.50	106.59	Open To Flow (1)
30	48.24	109.26	Shut-In(1)
61	689.33	110.98	End Shut-In(1)
62	50.10	110.84	Open To Flow (2)
91	61.03	111.63	Shut-In(2)
120	569.81	112.69	End Shut-In(2)
121	1862.22	112.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	OS Mud	0.32

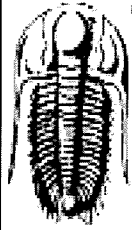
\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petro. Inc.

**19-14s-25w Trego, KS**

4924 SE 84th St  
New ton KS 67114

**Doc #3**

Job Ticket: 64855

**DST#: 2**

ATTN: Andy White

Test Start: 2015.09.29 @ 05:10:00

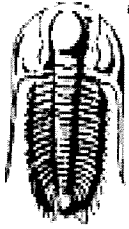
### Tool Information

Drill Pipe:	Length: 3725.00 ft	Diameter: 3.80 inches	Volume: 52.25 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3866.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	64.00 ft			
Tool Length:	92.00 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			3843.00	
Hydraulic tool	5.00			3848.00	
Jars	5.00			3853.00	
Safety Joint	3.00			3856.00	
Packer	5.00			3861.00	28.00 Bottom Of Top Packer
Packer	5.00			3866.00	
Stubb	1.00			3867.00	
Perforations	27.00			3894.00	
Recorder	0.00	8934	Inside	3894.00	
Recorder	0.00	8736	Outside	3894.00	
Blank Off Sub	1.00			3895.00	
Packer - Shale	31.00			3926.00	
Change Over Sub	1.00			3927.00	
Bullnose	3.00			3930.00	64.00 Bottom Packers & Anchor

**Total Tool Length: 92.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petro. Inc.

**19-14s-25w Trego,KS**

4924 SE 84th St  
New ton KS 67114

**Doc #3**

Job Ticket: 64855

**DST#: 2**

ATTN: Andy White

Test Start: 2015.09.29 @ 05:10:00

## 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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	OS Mud	0.320

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

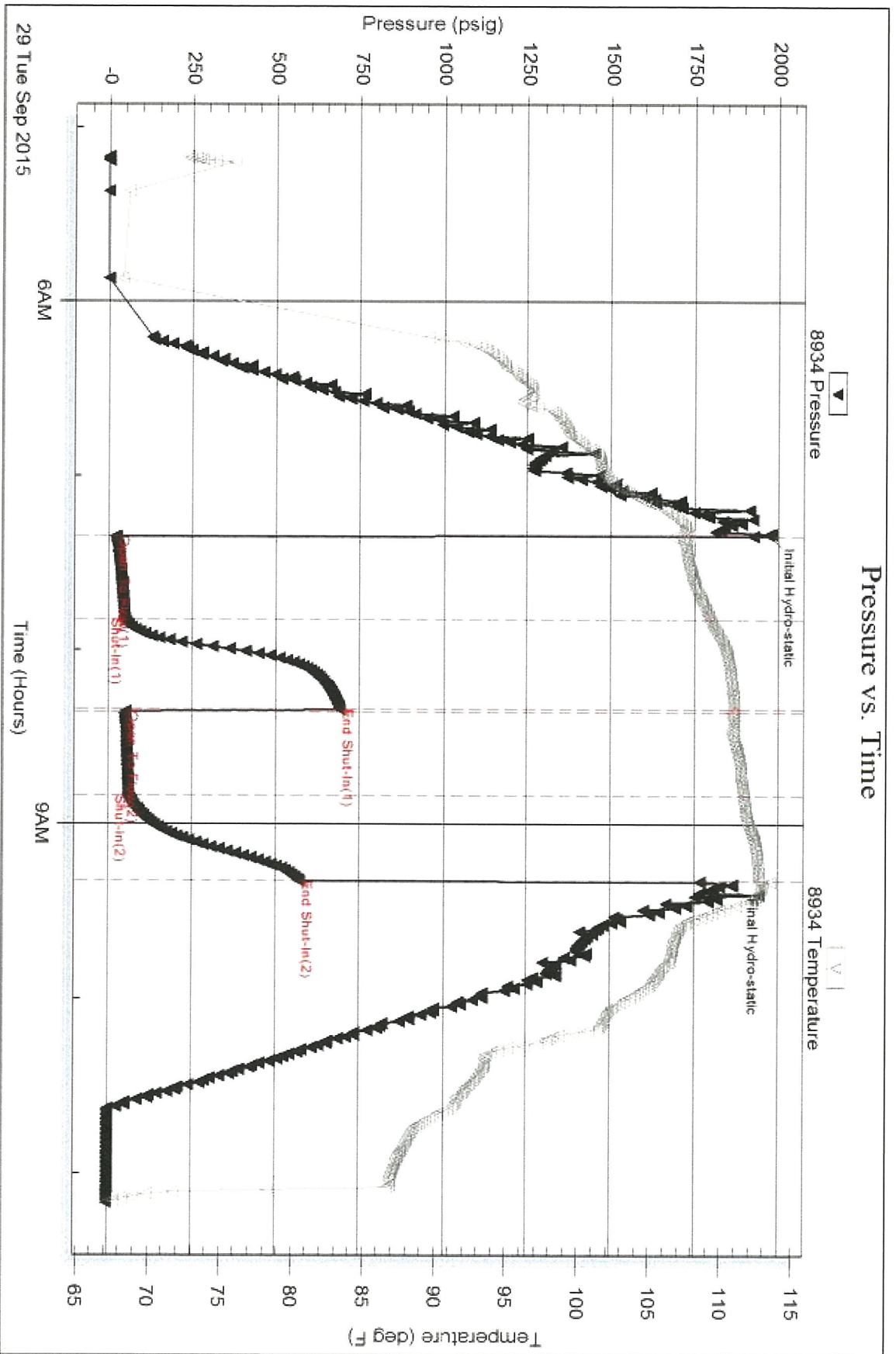
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





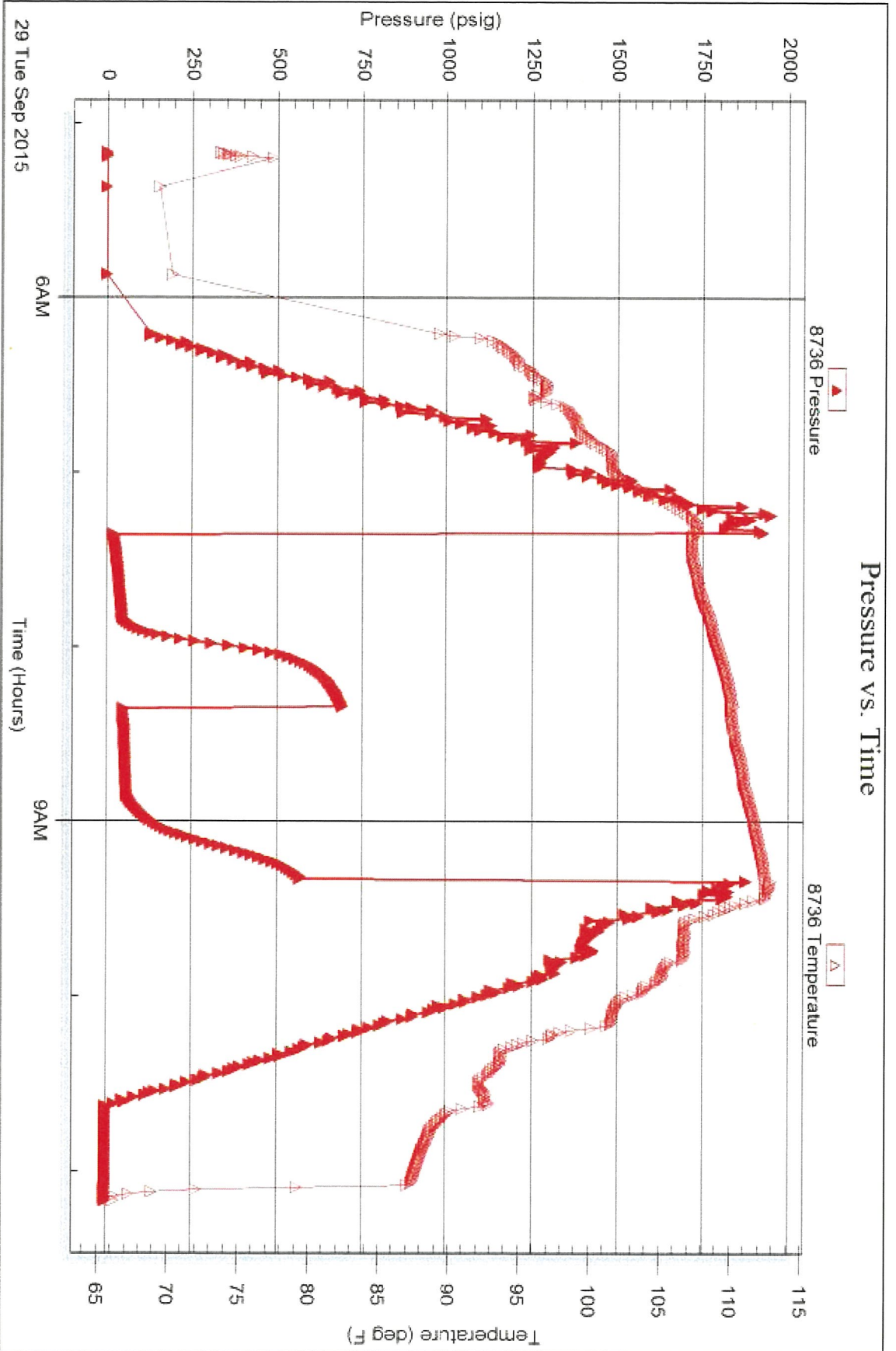
Serial #: 8736

Outside

Palomino Petro, Inc.

Doc #3

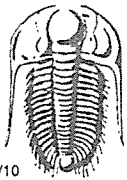
DST Test Number 2



Tribble Testing, Inc

Ref. No: 64855

Printed 2015 10 01 @ 10:00:19



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 64854

Well Name & No. Doc #3 Test No. 1 Date 9-28-13  
 Company Palomino Petroleum Elevation 2364 KB 2357 GL  
 Address 4924 SE 84th St Newton KS 67114  
 Co. Rep / Geo. Andy White Rig WW #12  
 Location: Sec. 19 Twp. 14s Rge. 25w Co. Trego State KS

Interval Tested 2860 - 3880 Zone Tested KC "J"  
 Anchor Length 20 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.1  
 Top Packer Depth 3855 Drill Collars Run 120 Vis 60  
 Bottom Packer Depth 3860 Wt. Pipe Run \_\_\_\_\_ WL 6.8  
 Total Depth 3880 Chlorides 1 ppm System LCM \_\_\_\_\_

Blow Description IF - surface blow died in 9min  
ISI - No blow  
FF - No blow flush too!  
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</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 5 BHT 111 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic	<u>1910</u>	<input checked="" type="checkbox"/> Test	<u>1050</u>	T-On Location	<u>13:30</u>
(B) First Initial Flow	<u>18</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u><del>13:55</del> 13:55</u>
(C) First Final Flow	<u>18</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>16:27</u>
(D) Initial Shut-In	<u>34</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>18:27</u>
(E) Second Initial Flow	<u>18</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>20:10</u>
(F) Second Final Flow	<u>21</u>	<input checked="" type="checkbox"/> Mileage	<u>126 r t</u>	Comments	
(G) Final Shut-In	<u>29</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1891</u>	<input type="checkbox"/> Straddle			

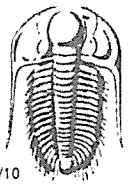
Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Ruined Shale Packer  
 Ruined Packer  
 Extra Copies  
 Sub Total 0  
 Total 1501  
 MP/DST Disc't \_\_\_\_\_

Sub Total 1501

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

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. 64855

Well Name & No. Doc # 3 Test No. 2 Date 9-29-15  
 Company Palomina Petroleum Elevation 2364 KB 2357 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Andy White Rig WW #12  
 Location: Sec. 19 Twp. 14s Rge. 25 Co. Trego State KS

Interval Tested 3866-3930 Zone Tested KC "K-L"  
 Anchor Length 64 Drill Pipe Run \_\_\_\_\_ Mud Wt. \_\_\_\_\_  
 Top Packer Depth 3861 Drill Collars Run 120 Vis \_\_\_\_\_  
 Bottom Packer Depth 3866 Wt. Pipe Run \_\_\_\_\_ WL \_\_\_\_\_  
 Total Depth 3930 Chlorides \_\_\_\_\_ ppm System LCM \_\_\_\_\_

Blow Description IF - Surface blow died in 6 min  
ISI - N blow  
FF - N blow  
FSL - N blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>OS Macl</u>				
____	____				
____	____				
____	____				
____	____				

Rec Total 65 BHT 113 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>1971</u>	<input checked="" type="checkbox"/> Test 1050	T-On Location <u>4:55</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>5:10</u>
(C) First Final Flow <u>48</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>7:20</u>
(D) Initial Shut-In <u>689</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>9:20</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>11:10</u>
(F) Second Final Flow <u>61</u>	<input checked="" type="checkbox"/> Mileage <u>126.1</u>	Comments _____
(G) Final Shut-In <u>570</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1862</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____

Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1501

Sub Total \_\_\_\_\_  
 Total 1501  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative Andy White

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