



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1244600  
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: \_\_\_\_\_



1244600

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. 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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Victor Schwarz 1
Doc ID	1244600

Tops

Name	Top	Datum
Anhy.	2573	(+400)
Base Anhy	2601	(+371)
Tarkio	3656	(-683)
Topeka	3789	(-816)
Heebner	3999	(-1026)
Toronto	4023	(-1050)
Lansing	4040	(-1067)
BKC	4303	(-1330)
Marmaton	4336	(-1363)
Pawnee	4429	(-1456)
Ft. Scott	4498	(-1525)
Cherokee Sh.	4533	(-1560)
Miss.	4605	(-1632)
LTD	4680	(-1707)



PO Box 93999  
Southlake, TX 76092

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

RECEIVED

OCT 25 2014

# INVOICE

Invoice Number: 146425

Invoice Date: Oct 14, 2014

Page: 1

Federal Tax I.D.#: 20-8651475

**Bill To:**

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

Customer ID	Field Ticket #	Payment Terms	
Palo	64124	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Oct 14, 2014	11/13/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Victor Schwartz #1		
145.00	CEMENT MATERIALS	Class A Common	17.90	2,595.50
95.00	CEMENT MATERIALS	Pozmix	9.35	888.25
826.00	CEMENT MATERIALS	Gel	0.50	413.00
60.00	CEMENT MATERIALS	Flo Seal	2.97	178.20
257.76	CEMENT SERVICE	Cubic Feet Charge	2.48	639.24
215.40	CEMENT SERVICE	Ton Mileage Charge	2.75	592.35
1.00	CEMENT SERVICE	Plug to Abandon	2,483.59	2,483.59
20.00	CEMENT SERVICE	Pump Truck Mileage	7.70	154.00
20.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	88.00
1.00	EQUIPMENT SALES	4-1/2 Wooden Plug	110.00	110.00
1.00	CEMENT SUPERVISOR	LaRene Wentz		
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
1.00	OPERATOR ASSISTANT	George Grant		

Subtotal	8,142.13
Sales Tax	582.16
Total Invoice Amount	8,724.29
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,724.29</b>

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

\$ 1,606.42

ONLY IF PAID ON OR BEFORE  
Nov 13, 2014





RECEIVED

OCT 20 2014

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 146330

Invoice Date: Oct 7, 2014

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

Page: 1

Federal Tax I.D.#: 20-8651475

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

Customer ID	Field Ticket #	Payment Terms	
Palo	64281	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Oct 7, 2014	11/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Victor Swartz #1		
190.00	CEMENT MATERIALS	Class A Common	17.90	3,401.00
357.00	CEMENT MATERIALS	Gel	0.50	178.50
536.00	CEMENT MATERIALS	Chloride	1.10	589.60
205.45	CEMENT SERVICE	Cubic Feet Charge	2.48	509.52
140.70	CEMENT SERVICE	Ton Mileage Charge	2.75	386.93
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
15.00	CEMENT SERVICE	Pump Truck Mileage	7.70	115.50
15.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	66.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		

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

\$ 1,351.86

ONLY IF PAID ON OR BEFORE  
Nov 6, 2014

Subtotal	6,759.30
Sales Tax	298.09
Total Invoice Amount	7,057.39
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,057.39</b>

# ALLIED OIL & GAS SERVICES, LLC 064281

Federal Tax I.D. # 20-8651475

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

SERVICE POINT  
Ocala, KS

DATE <u>10-7-14</u>	SEC. <u>13</u>	TWP. <u>9</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>5:15</u>	JOB START <u>5:30 pm</u>	JOB FINISH <u>6:00 pm</u>
LEASE <u>Victor Swartz</u>	WELL # <u>1</u>	LOCATION <u>Campus N to Y 1 E 2 N</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>1 W N &amp; E into</u>			

CONTRACTOR <u>W W R D</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>260'</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>260'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15'</u>	
PERFS.	
DISPLACEMENT <u>15.5 bbl water</u>	
EQUIPMENT	

CEMENT	AMOUNT ORDERED <u>190 sks Com 3/CC</u>
COMMON	<u>190 sks @ 17.90 3401.00</u>
POZMIX	@
GEL	<u>357# @ .50 178.50</u>
CHLORIDE	<u>536# @ 1.10 589.60</u>
ASC	@
Material Total	<u>4169.10</u>
	<u>(833.00/20%)</u>
HANDLING	<u>205.45 @ 2.48 509.52</u>
MILEAGE	<u>9.38 hrs @ 1.15 mi x 2.75 258.83</u>
TOTAL	

PUMP TRUCK	CEMENTER <u>Paul Beaver</u>
# <u>120</u>	HELPER <u>Tyler Flipse/Ramero</u>
BULK TRUCK	
# <u>323/308</u>	DRIVER <u>Juan 3 (Two)</u>
BULK TRUCK	
#	DRIVER

REMARKS:  
Mix 190 sks  
Displace w/ water  
cement did circ

Thank You!  
Paul & Crew

CHARGE TO: Palimino Petro  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE	
DEPTH OF JOB	<u>260'</u>
PUMP TRUCK CHARGE	<u>1512.25</u>
EXTRA FOOTAGE	@
MILEAGE MLW	<u>15 @ 7.70 115.50</u>
MANIFOLD	@
MLV	<u>15 @ 4.40 66.00</u>
TOTAL <u>2,590.00</u>	

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 JD Haf/ger  
SIGNATURE

SALES TAX (If Any) \_\_\_\_\_  
TOTAL CHARGES 6,759.30  
DISCOUNT 1,351.86 (20%) IF PAID IN 30 DAYS  
5,407.44 Net.



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

**S13-9s-31w Thomas, KS**

4924 SE 84th St.  
New ton, KS 67114

**Victor Schwarz #1**

Job Ticket: 57400

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2014.10.10 @ 07:20:00

## GENERAL INFORMATION:

Formation:

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:20:50

Time Test Ended: 12:41:50

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 61

**Interval: 3557.00 ft (KB) To 3655.00 ft (KB) (TVD)**

Reference Elevations: 2973.00 ft (KB)

Total Depth: 3655.00 ft (KB) (TVD)

2967.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 6.00 ft

**Serial #: 8357**

**Inside**

Press@RunDepth: 479.36 psig @ 3559.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.10

End Date:

2014.10.10

Last Calib.: 2014.10.10

Start Time: 07:20:02

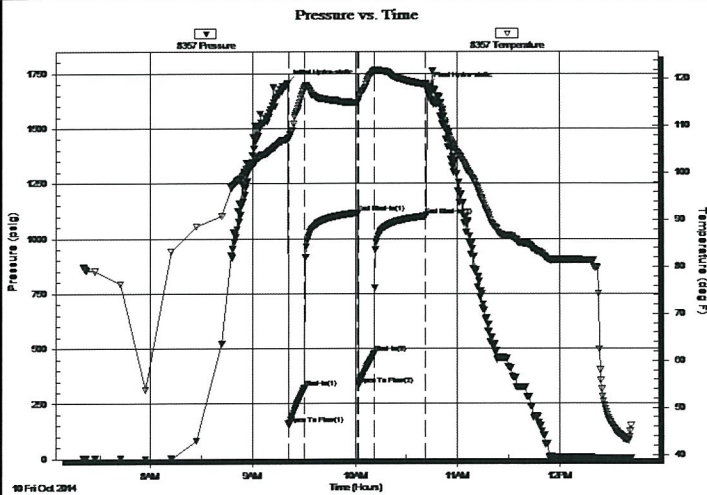
End Time:

12:41:50

Time On Btm: 2014.10.10 @ 09:19:50

Time Off Btm: 2014.10.10 @ 10:42:10

TEST COMMENT: 10- Tool slid 6', mud dropped, packer seat held, bled off false blow, B.O.B. @ 1 1/4 min.  
30- No return.  
10- B.O.B. @ 2 min.  
30- No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1703.67	107.15	Initial Hydro-static
1	158.19	107.38	Open To Flow (1)
11	322.98	118.23	Shut-In(1)
42	1116.05	114.94	End Shut-In(1)
42	337.05	115.56	Open To Flow (2)
52	479.36	121.76	Shut-In(2)
82	1101.98	118.90	End Shut-In(2)
83	1692.66	118.49	Final Hydro-static

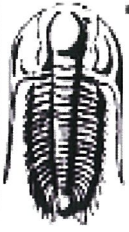
## Recovery

Length (ft)	Description	Volume (bbl)
437.00	MW 10m 90w	5.02
315.00	OSWM 30w 70m	4.42
248.00	M 100m	3.48

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Palomino Petroleum, Inc.

**S13-9s-31w Thomas, KS**

4924 SE 84th St.  
New ton, KS 67114

**Victor Schwarz #1**

Job Ticket: 57400      **DST#: 1**

ATTN: Ryan Seib

Test Start: 2014.10.10 @ 07:20:00

**Mud and Cushion Information**

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 49.00 sec/qt  
Water Loss: 6.40 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 1500.00 ppm  
Filter Cake: 1.00 inches

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

Oil API: deg API  
Water Salinity: 115000 ppm

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
437.00	MW 10m 90w	5.019
315.00	OSWM 30w 70m	4.419
248.00	M 100m	3.479

Total Length: 1000.00 ft      Total Volume: 12.917 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments: RW: .130 @ 39 Degrees F = 115000 PPM

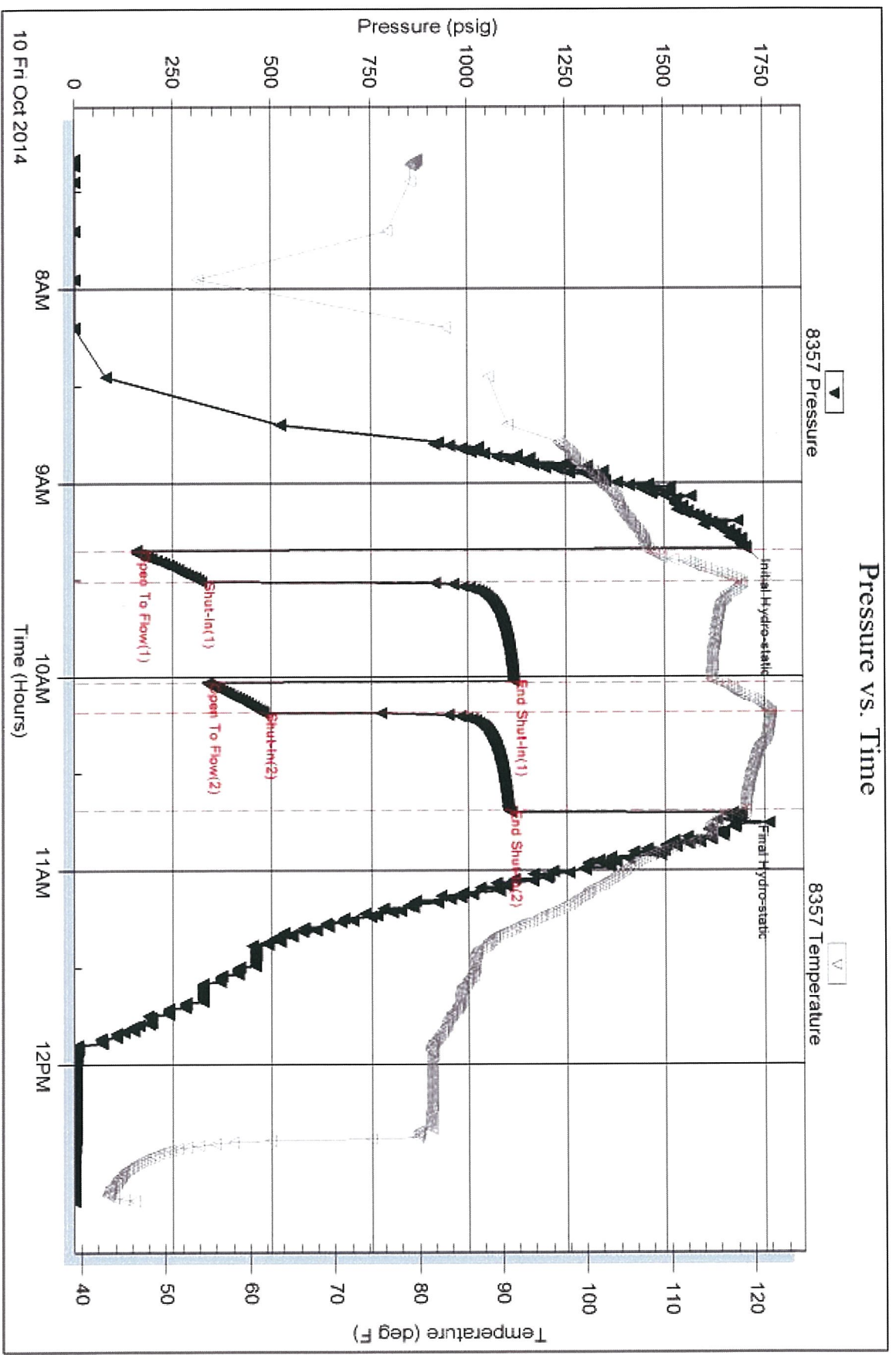
Serial #: 8357

Inside

Palomino Petroleum, Inc.

Victor Schwarz #1

DST Test Number: 1





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.  
Newton, KS 67114

ATTN: Ryan Seib

**S13-9s-31w Thomas, KS**

**Victor Schwarz #1**

Job Ticket: 60148

**DST#: 2**

Test Start: 2014.10.11 @ 09:08:00

### GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:57:30

Time Test Ended: 14:21:00

Interval: **3870.00 ft (KB) To 3978.00 ft (KB) (TVD)**

Total Depth: 3978.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Donovan Baumann

Unit No: 48

Reference Elevations: 2973.00 ft (KB)

2967.00 ft (CF)

KB to GR/CF: 6.00 ft

**Serial #: 8647**

**Inside**

Press@RunDepth: 627.15 psig @ 3871.00 ft (KB)

Start Date: 2014.10.11 End Date:

Start Time: 09:08:01 End Time:

2014.10.11

14:21:00

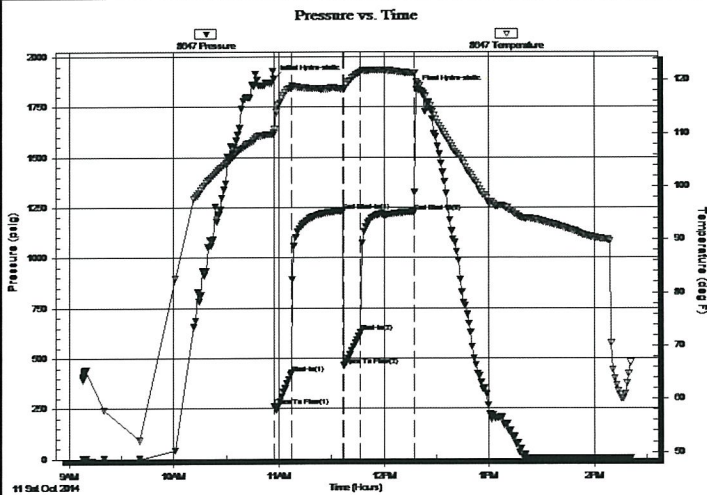
Capacity: 8000.00 psig

Last Calib.: 2014.10.11

Time On Btm: 2014.10.11 @ 10:57:00

Time Off Btm: 2014.10.11 @ 12:18:30

TEST COMMENT: 10 - IF - Surface blow built to BOB in 1 min.  
30 - ISI - No return  
10 - FF - Surface blow built to BOB in 1 min.  
30 - FSI - No return



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.33	110.03	Initial Hydro-static
1	259.81	110.73	Open To Flow (1)
10	426.29	118.55	Shut-In(1)
40	1233.01	118.34	End Shut-In(1)
40	464.06	118.35	Open To Flow (2)
50	627.15	121.55	Shut-In(2)
80	1228.48	121.30	End Shut-In(2)
82	1838.48	119.57	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
122.00	MW - 10M - 90W	0.60
252.00	MW - 5M - 95W	3.53
252.00	WM - 60M - 40W	3.53
315.00	MUD - 100M	4.42
335.00	MUD - 100M	4.70

### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

S13-9s-31w Thomas, KS

4924 SE 84th St.  
New ton, KS 67114

Victor Schwarz #1

Job Ticket: 60148

DST#: 2

ATTN: Ryan Seib

Test Start: 2014.10.11 @ 09:08:00

### 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: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.40 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	MW - 10M - 90W	0.600
252.00	MW - 5M - 95W	3.535
252.00	WM - 60M - 40W	3.535
315.00	MUD - 100M	4.419
335.00	MUD - 100M	4.699

Total Length: 1276.00 ft      Total Volume: 16.788 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8647

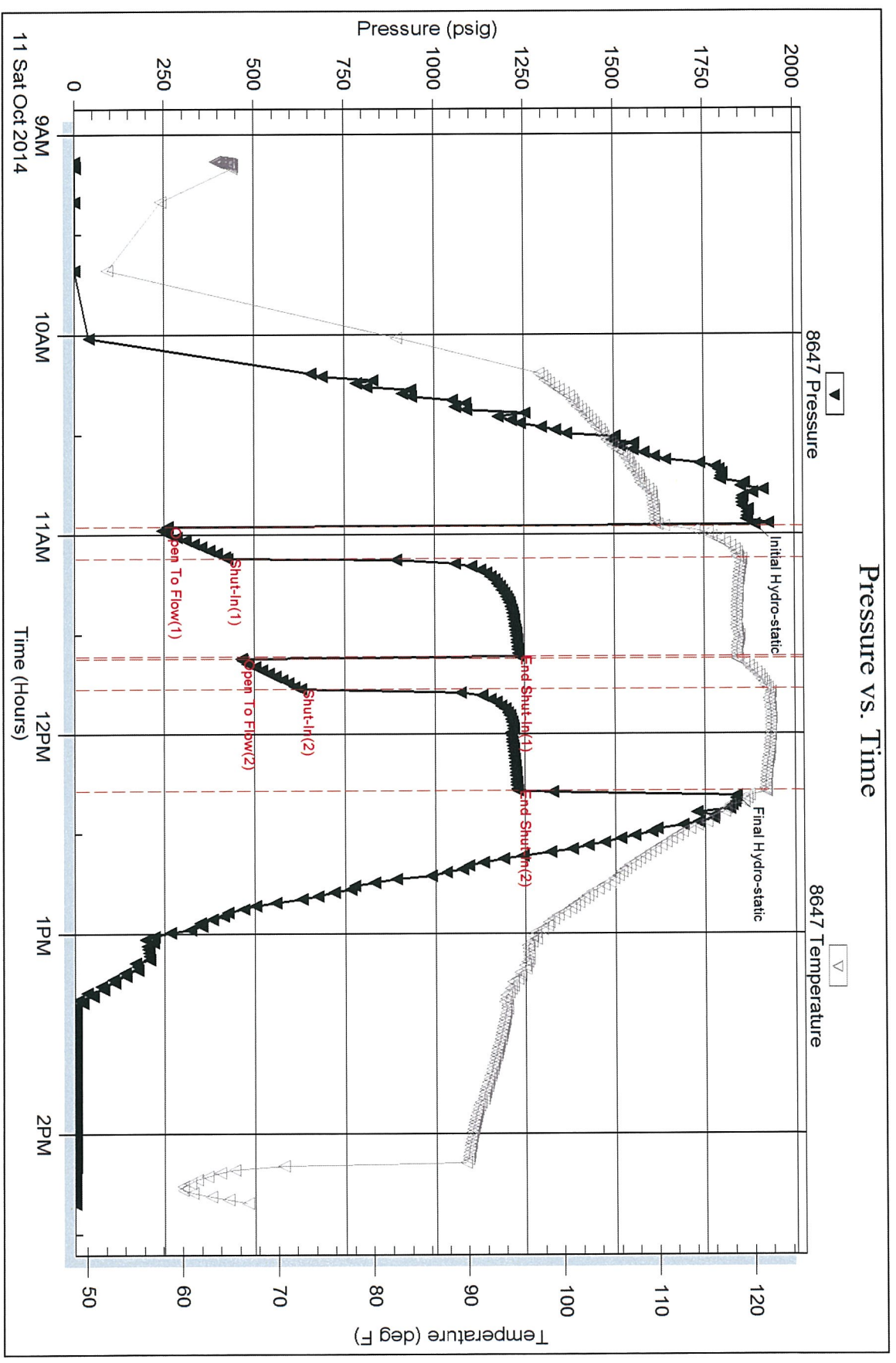
Inside

Palomino Petroleum, Inc.

Victor Schwarz #1

DST Test Number: 2

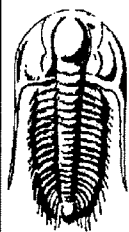
### Pressure vs. Time



Tribolite Testing, Inc

Ref. No: 60148

Printed: 2014.10.11 @ 23:26:37



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.  
Newton, KS 67114

ATTN: Ryan Seib

**S13-9s-31w Thomas, KS**

**Victor Schwarz #1**

Job Ticket: 60149

DST#: 3

Test Start: 2014.10.12 @ 18:04:00

### GENERAL INFORMATION:

Formation: **Lansing "J,K,L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:02:00

Time Test Ended: 23:57:30

Interval: **4204.00 ft (KB) To 4320.00 ft (KB) (TVD)**

Total Depth: 4320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Donovan Baumann

Unit No: 48

Reference Elevations: 2973.00 ft (KB)

2967.00 ft (CF)

KB to GR/CF: 6.00 ft

### Serial #: 8647

Inside

Press@RunDepth: 38.79 psig @ 4205.00 ft (KB)

Start Date: 2014.10.12

End Date:

2014.10.12

Start Time: 18:04:01

End Time:

23:57:30

Capacity: 8000.00 psig

Last Calib.: 2014.10.13

Time On Btm: 2014.10.12 @ 20:01:30

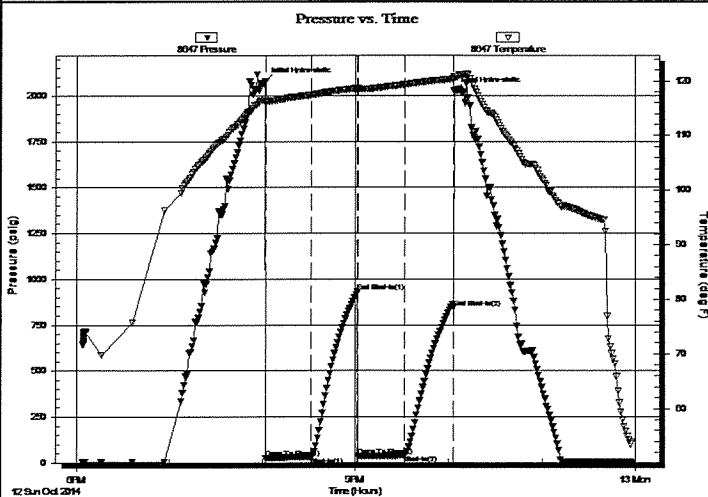
Time Off Btm: 2014.10.12 @ 22:03:30

TEST COMMENT: 30 - IF - Weak surface blow built to 1inch in 10 min. and stayed there

30 - ISI - No return

30 - FF - No surface blow

30 - FSI - No return



### PRESSURE SUMMARY

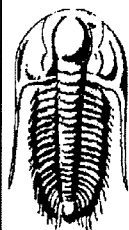
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2077.72	116.67	Initial Hydro-static
1	24.19	116.16	Open To Flow (1)
30	31.30	117.41	Shut-In(1)
60	928.97	118.64	End Shut-In(1)
61	34.40	118.49	Open To Flow (2)
91	38.79	119.34	Shut-In(2)
122	843.98	120.36	End Shut-In(2)
122	2022.61	120.74	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud - 100M	0.05

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

**S13-9s-31w Thomas, KS**

4924 SE 84th St.  
Newton, KS 67114

**Victor Schwarz #1**

Job Ticket: 60149      **DST#: 3**

ATTN: Ryan Seib

Test Start: 2014.10.12 @ 18:04:00

## 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: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud - 100M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8647

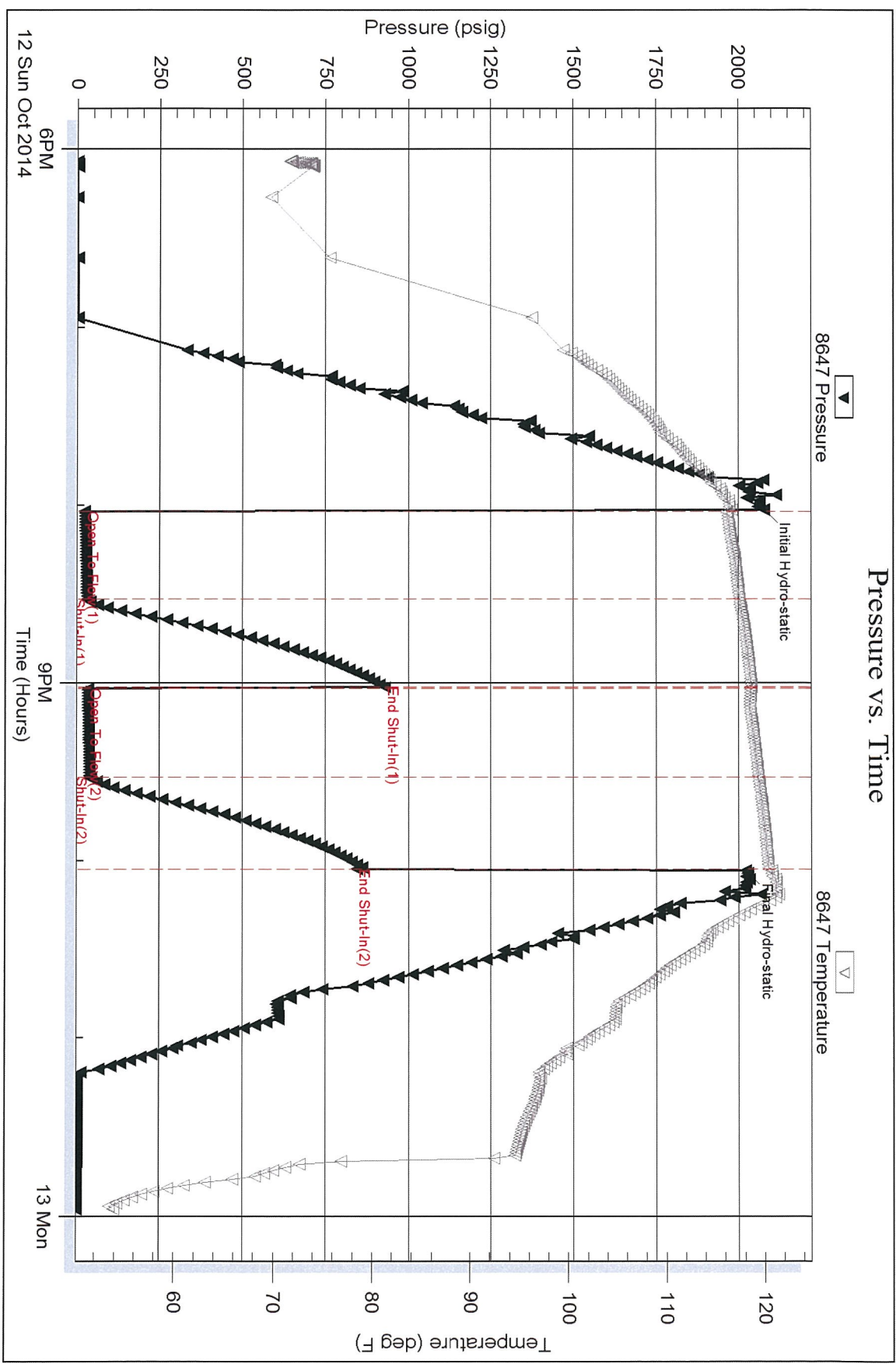
Inside

Palomino Petroleum, Inc.

Victor Schwarz #1

DST Test Number: 3

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 60149

Printed: 2014.10.13 @ 02:27:31