Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1167069

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 # 30742
Name: Palomino Petroleum, Inc.
Address 1: 4924 SE 84TH ST
Address 2:
City: NEWTON State: KS Zip: 67114 + 8827
Contact Person: K. Robert Watchous
Phone: (316) 799-1000
CONTRACTOR: License # 5123
Name: Pickrell Drilling Company, Inc.
Wellsite Geologist: Ryan Seib
Purchaser: None

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 #:

08/13/2013	08/21/2013	08/21/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-135-25645-00-00
Spot Description:
SW NW SW SW Sec. 7 Twp. 17 S. R. 25 ☐ East ☑ West
679 Feet from ☐ North / ☑ South Line of Section
55 Feet from ☐ East / ☑ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Ness
Lease Name: Stutz-Quenzer Well #: 1
Field Name: Stutz North
Producing Formation: None
Elevation: Ground: 2527 Kelly Bushing: 2537
Total Vertical Depth: 4610 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 223 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated

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:** Deanna Garrison **Date:** 01/30/2014

[redacted] 1167069

Operator Name: Palomino Petroleum, Inc. Lease Name: Stutz-Quenzer Well #: 1

Sec. 7 Twp. 17 S. R. 25 ☐ East ☑ West County: Ness

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

Dual Induction Log, Compensated Density Neutron Log,

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Attached Top Attached Datum Attached

CASING RECORD ☑ New ☐ 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
Surface	12.2500	8.6250	23	223	Class A	150	2% gel, 3% c.c.

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate ___ Protect Casing ___ Plug Back TD ___ 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 *(Amount and Kind of Material Used)*	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

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Stutz-Quenzer 1
Doc ID	1167069

Tops

Name	Top	Datum
Anhy.	1877	(+ 660)
Base Anhy.	1907	(+ 630)
Heebner	3822	(-1285)
Lansing	3860	(-1323)
BKC	4173	(-1636)
Marmaton	4218	(-1681)
Ft. Scott	4367	(-1830)
Cherokee Sh.	4393	(-1854)
Miss.	4468	(-1931)
LTD	4610	(-2073)

ALLIED
OIL & GAS SERVICES, LLC

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 138142
Invoice Date: Aug 21, 2013
Page: 1

Now Includes:

Treat-Em-Rite Pressure Pumping Service, LLC

Bill To:

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

Customer ID	Field Ticket #	Payment Terms	
Palo	60572	Net 30 Days	
Job Location	**Camp Location**	**Service Date**	**Due Date**
KS1-03	Great Bend	Aug 21, 2013	9/20/13

Quantity	Item	Description	Unit Price	Amount
		Stutz-Quentzer #1		
144.00	CEMENT MATERIALS	Class A Common	17.90	2,577.60
96.00	CEMENT MATERIALS	Pozmix	9.35	897.60
8.00	CEMENT MATERIALS	Gel	23.40	187.20
60.00	CEMENT MATERIALS	Flo Seal	2.97	178.20
257.33	CEMENT SERVICE	Cubic Feet	2.48	638.17
301.00	CEMENT SERVICE	Ton Mileage	2.60	782.60
1.00	CEMENT SERVICE	Rotary Plug	2,249.84	2,249.84
28.00	CEMENT SERVICE	Pump Truck Mileage	7.70	215.60
28.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	123.20
1.00	CEMENT SUPERVISOR	Dustin Chambers		
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

$ 1,570.00

ONLY IF PAID ON OR BEFORE

Sep 15, 2013

Subtotal	7,850.01
Sales Tax	482.78
Total Invoice Amount	8,332.79
Payment/Credit Applied	
TOTAL	**8,332.79**

ALLIED OIL & GAS SERVICES, LLC 060572

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Colby Beard, KS

DATE 8-21-13	SEC. 7	TWP. 17S	RANGE 25W	CALLED OUT	ON LOCATION	JOB START 5:30 AM	JOB FINISH 1:30 PM
LEASE Stutz-Quarter	WELL # 1		LOCATION Utica, KS 2E 4S			COUNTY Ness	STATE KS
OLD OR NEW (Circle one)			Elm				

CONTRACTOR Pickrell Drilling #1
TYPE OF JOB Rotary Plug
HOLE SIZE — T.D.
CASING SIZE — DEPTH
TUBING SIZE — DEPTH
DRILL PIPE 4½ DEPTH 1950
TOOL — DEPTH
PRES. MAX — MINIMUM
MEAS. LINE — SHOE JOINT
CEMENT LEFT IN CSG. All
PERFS.
DISPLACEMENT Fresh water

EQUIPMENT

PUMP TRUCK # 394 CEMENTER Dustin Chambers
HELPER Mike Scothorn
BULK TRUCK # 344-170 DRIVER Kevin Weighorst
BULK TRUCK # DRIVER

OWNER

CEMENT
AMOUNT ORDERED 240 sks 60% class A 4% gel ¼# flo

COMMON	144	@ 17.90	2,577.60
POZMIX	96	@ 9.35	897.60
GEL	8	@ 23.40	187.20
CHLORIDE		@	
ASC		@	
Flo-Seal	60	@ 2.97	178.20
HANDLING	257.33	@ 2.48	638.02
MILEAGE	10.75 X 28 X	2.60	782.60
		TOTAL	5,261.37

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			2249.84
EXTRA FOOTAGE		@	
MILEAGE	Hum 28	@ 7.70	215.60
MANIFOLD		@	
	Hum 28	@ 4.40	123.20
		@	
		TOTAL	2,588.64

REMARKS:

Fill hole with Rig mud
1. 1950 - 50 sks
2. 1150 - 50 sks
3. 25 - 40 sks
4. 60 - 20 sks
5. RH - 30 sks
6. MH - 20 sks
Plug Down 6:30 AM

CHARGE TO: Palomino Petroleum
STREET
CITY STATE ZIP

PLUG & FLOAT EQUIPMENT

TOTAL

SALES TAX (If Any)
TOTAL CHARGES 7,850.01
DISCOUNT 1,570.00 IF PAID IN 30 DAYS
6,280.00

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 Mike Rea

SIGNATURE X Mike Rea

Thank you!!

RECEIVED
AUG 2 4 2013

ALLIED
OIL & GAS SERVICES, LLC

PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 137962
Invoice Date: Aug 13, 2013
Page: 1

Now Includes:

Treat-Em-Rite Pressure Pumping Service, LLC

Bill To:

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

Customer ID	Field Ticket #	Payment Terms	
Palo	60564	Net 30 Days	
Job Location	**Camp Location**	**Service Date**	**Due Date**
KS1-01	Great Bend	Aug 13, 2013	9/12/13

Quantity	Item	Description	Unit Price	Amount
		Stutz-Quenzer #1		
150.00	CEMENT MATERIALS	Class A Common	17.90	2,685.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
162.09	CEMENT SERVICE	Cubic Feet	2.48	401.98
207.20	CEMENT SERVICE	Ton Mileage	2.60	538.72
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
28.00	CEMENT SERVICE	Pump Truck Mileage	7.70	215.60
28.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	123.20
1.00	CEMENT SUPERVISOR	Dustin Chambers		
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

$ 1,109.39

ONLY IF PAID ON OR BEFORE

Sep 7, 2013

Subtotal	5,546.95
Sales Tax	169.44
Total Invoice Amount	5,716.39
Payment/Credit Applied	
TOTAL	**5,716.39**

ALLIED OIL & GAS SERVICES, LLC 060564

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Great Bend, KS

DATE 6-13-13	SEC. 27	TWP. 17s	RANGE 25w	CALLED OUT	ON LOCATION	JOB START 10:00 AM	JOB FINISH 11:00 AM
LEASE Stutz - Quenzer	WELL # 1		LOCATION Utica, KS 2E 4S E into			COUNTY Ness	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR Pickrell Drilling #1
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D.
CASING SIZE 8⅝ DEPTH 223.10
TUBING SIZE DEPTH
DRILL PIPE 4½ DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15 Ft
PERFS.
DISPLACEMENT 13, 25 bbls freshwater

OWNER

EQUIPMENT

PUMP TRUCK # 394 CEMENTER Dustin Chambers
HELPER Mike Scarborough
BULK TRUCK #610-112 DRIVER Kevin Weighous
BULK TRUCK # DRIVER

REMARKS:

Break circulation with Rig pump
pump 5 bbls freshwater Ahead
mix 150 sks class A 3% cc 2% gel
Drop plug 13.25 bbls freshwater displacement
cement did circulate
plug Down - 10:30 pm
Rig Down

CEMENT

AMOUNT ORDERED 150 sks Class A
3% cc 2% gel

COMMON	150	@ 17.90	2.685.00
POZMIX		@	
GEL	3	@ 23.40	70.20
CHLORIDE	5	@	
ASC		@	
HANDLING	162.09	@ 2.48	401.98
MILEAGE	7.4 x 28 x	2.60	538.72
		TOTAL	3.695.90

SERVICE

DEPTH OF JOB	223		
PUMP TRUCK CHARGE			1512.25
EXTRA FOOTAGE		@	
MILEAGE	Hum 28	@ 7.70	215.60
MANIFOLD		@	
	hum 28	@ 4.40	123.30
		@	
		TOTAL	1851.85

PLUG & FLOAT EQUIPMENT

		@	
		@	
		@	
		@	
		@	
		TOTAL	

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.

SALES TAX (If Any)
TOTAL CHARGES 5.546.85
DISCOUNT 1.109.37 IF PAID IN 30 DAYS
4.437.56

PRINTED NAME X Mike Kern
SIGNATURE X Mike Kern

Thank You!!

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Stutz Quenzer #1

7-17s-25w Ness,KS

Start Date: 2013.08.18 @ 13:05:15
End Date: 2013.08.18 @ 18:50:53
Job Ticket #: 53199 DST #: 1

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

Printed: 2013.08.21 @ 10:42:50

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53199 **DST#: 1**

Test Start: 2013.08.18 @ 13:05:15

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:18:23
Time Test Ended: 18:50:53

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 60

Interval: 4142.00 ft (KB) To 4310.00 ft (KB) (TVD)
Total Depth: 4310.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

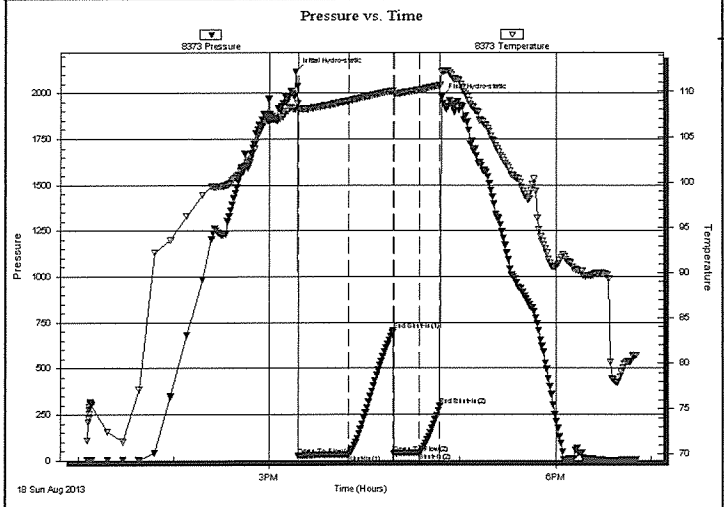
Reference Elevations: 2537.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 **Inside**

Press@RunDepth: 41.02 psig @ 4143.00 ft (KB)
Start Date: 2013.08.18 End Date: 2013.08.18
Start Time: 13:05:20 End Time: 18:50:52

Capacity: 8000.00 psig
Last Calib.: 2013.08.18
Time On Btm: 2013.08.18 @ 15:16:23
Time Off Btm: 2013.08.18 @ 16:48:23

TEST COMMENT: IF: 1/4" blow died in 8 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2118.58	108.10	Initial Hydro-static
2	24.97	108.07	Open To Flow (1)
34	30.38	108.94	Shut-In(1)
62	705.77	110.05	End Shut-In(1)
62	35.61	109.66	Open To Flow (2)
78	41.02	110.16	Shut-In(2)
91	296.26	110.67	End Shut-In(2)
92	1978.28	112.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%m	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53199 **DST#: 1**

Test Start: 2013.08.18 @ 13:05:15

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:18:23
Time Test Ended: 18:50:53

Test Type: Conventional Bottom Hole (Initial)
Tester: Brandon Turley
Unit No: 60

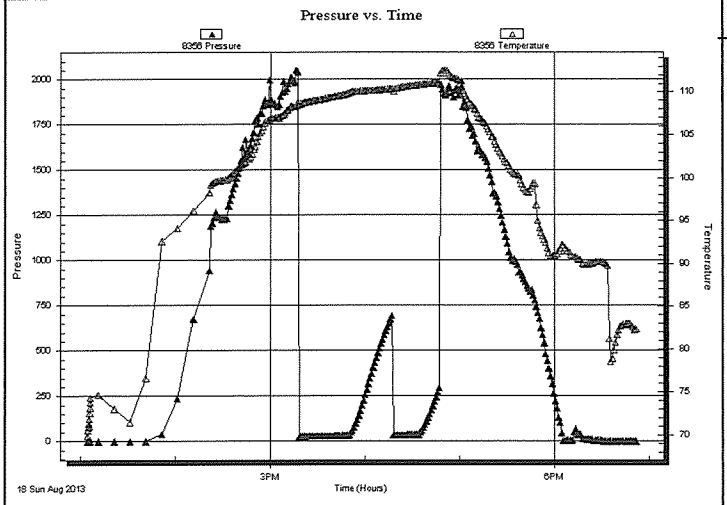
Interval: 4142.00 ft (KB) To 4310.00 ft (KB) (TVD)
Total Depth: 4310.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2537.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8356 **Outside**
Press@RunDepth: psig @ 4143.00 ft (KB)
Start Date: 2013.08.18 End Date: 2013.08.18
Start Time: 13:04:28 End Time: 18:51:22

Capacity: 8000.00 psig
Last Calib.: 2013.08.18
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/4" blow died in 8 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%m	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53199 **DST#: 1**

Test Start: 2013.08.18 @ 13:05:15

Tool Information

Drill Pipe:	Length:	3912.00 ft	Diameter:	3.80 inches	Volume:	54.88 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	208.00 ft	Diameter:	2.25 inches	Volume:	1.02 bbl	Weight to Pull Loose:	90000.00 lb
					Total Volume:	55.90 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		6.00 ft					String Weight: Initial	80000.00 lb
Depth to Top Packer:		4142.00 ft					Final	80000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		168.00 ft						
Tool Length:		196.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4115.00		
Shut In Tool	5.00			4120.00		
Hydraulic tool	5.00			4125.00		
Jars	5.00			4130.00		
Safety Joint	3.00			4133.00		
Packer	5.00			4138.00	28.00	Bottom Of Top Packer
Packer	4.00			4142.00		
Stubb	1.00			4143.00		
Recorder	0.00	8373	Inside	4143.00		
Recorder	0.00	8356	Outside	4143.00		
Perforations	3.00			4146.00		
Change Over Sub	1.00			4147.00		
Drill Pipe	157.00			4304.00		
Change Over Sub	1.00			4305.00		
Bullnose	5.00			4310.00	168.00	Bottom Packers & Anchor
Total Tool Length:	**196.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53199 **DST#: 1**

Test Start: 2013.08.18 @ 13:05:15

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	13.56 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

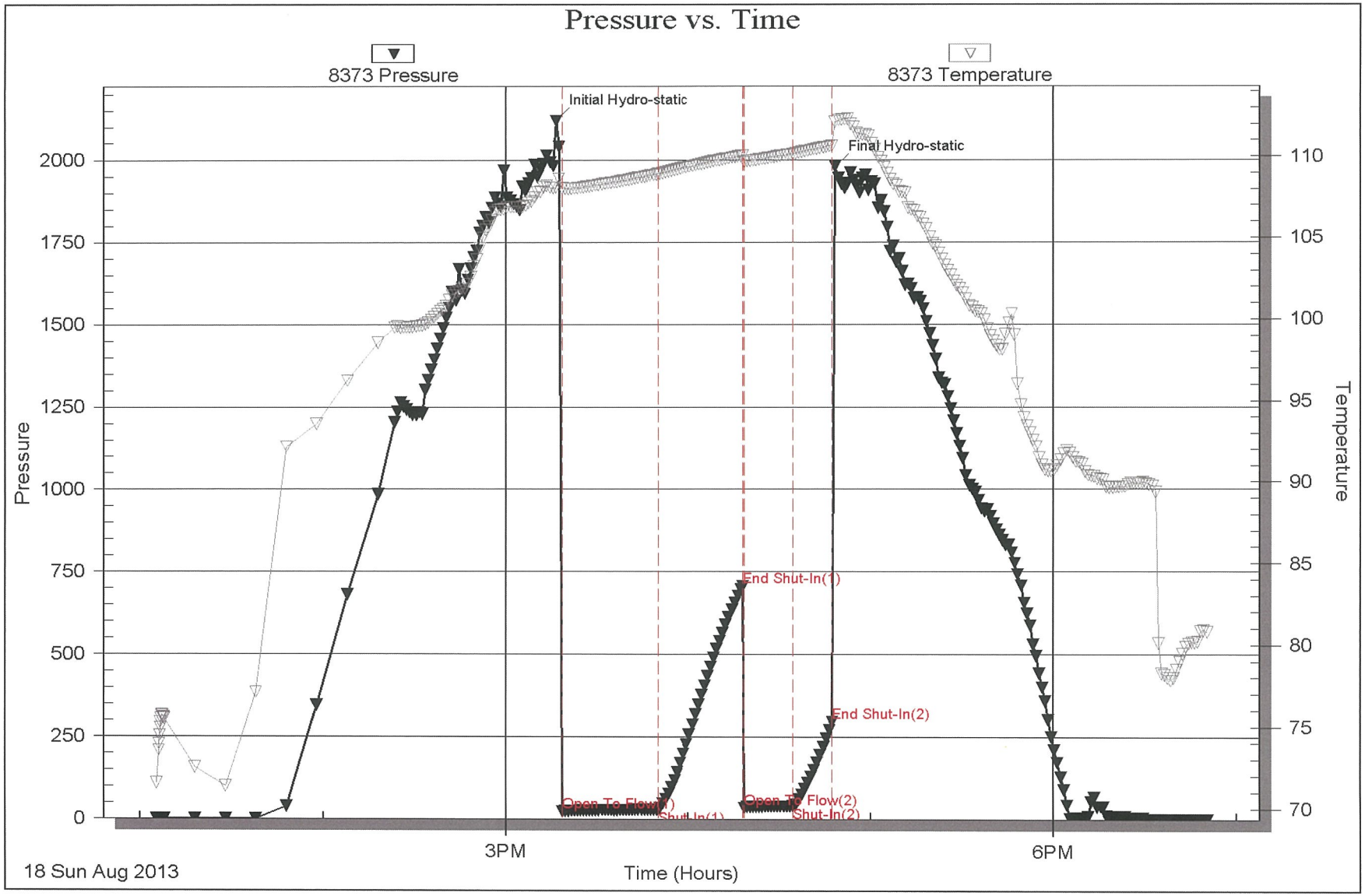
Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%m	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

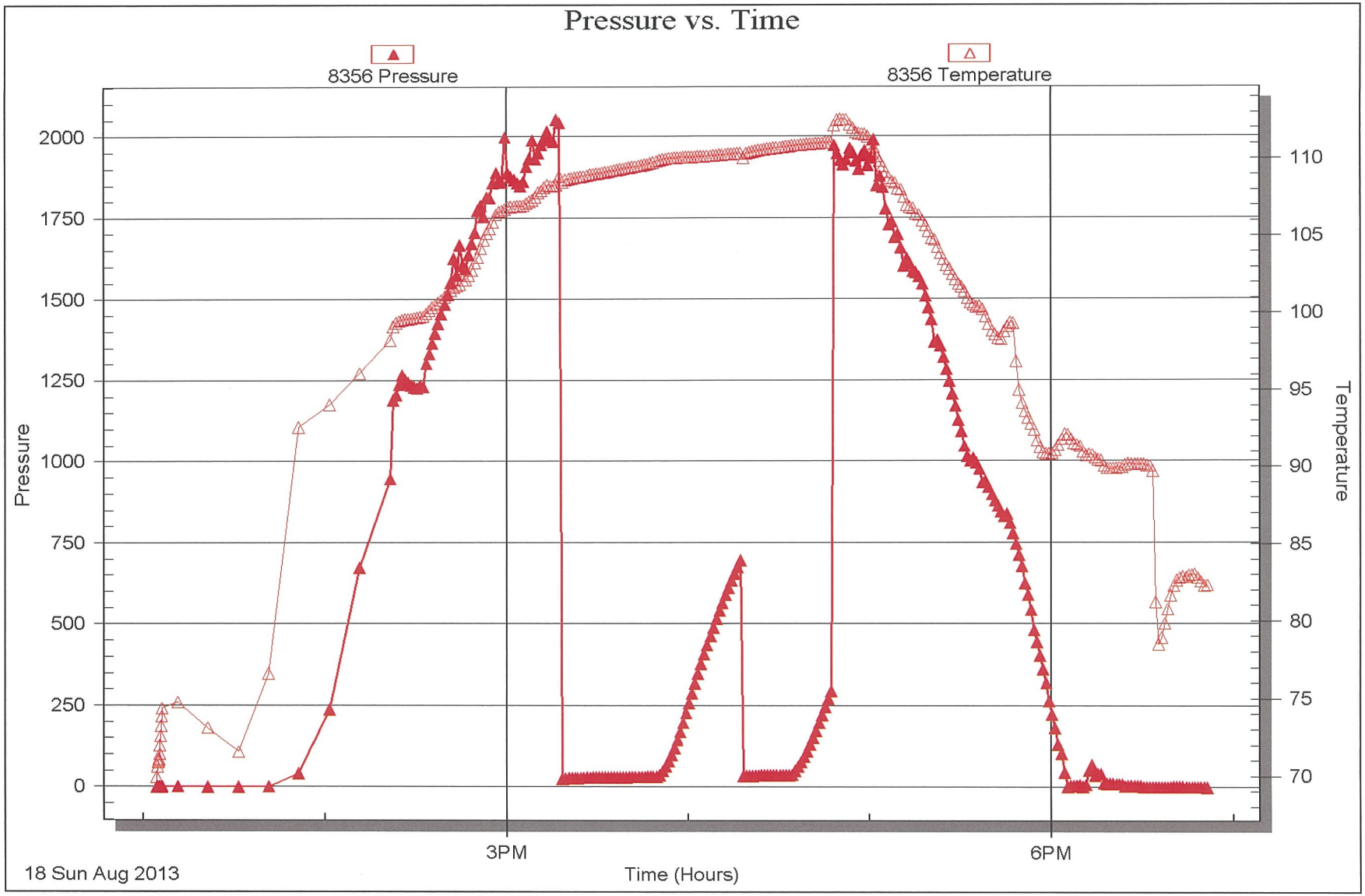
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8373 **Inside** Palomino Petroleum Stutz Quenzer #1 DST Test Number: 1

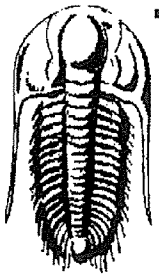


Trilobite Testing, Inc Ref. No: 53199 Printed: 2013.08.21 @ 10:42:52

Serial #: 8356 **Outside** Palomino Petroleum Stutz Quenzer #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 53199 Printed: 2013.08.21 @ 10:42:53



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Stutz Quenzer #1

7-17s-25w Ness,KS

Start Date: 2013.08.19 @ 13:33:05

End Date: 2013.08.19 @ 19:46:43

Job Ticket #: 53200 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.08.21 @ 10:42:12

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53200 **DST#: 2**

Test Start: 2013.08.19 @ 13:33:05

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:24:43
Time Test Ended: 19:46:43

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60

Interval: 4386.00 ft (KB) To 4491.00 ft (KB) (TVD)
Total Depth: 4491.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

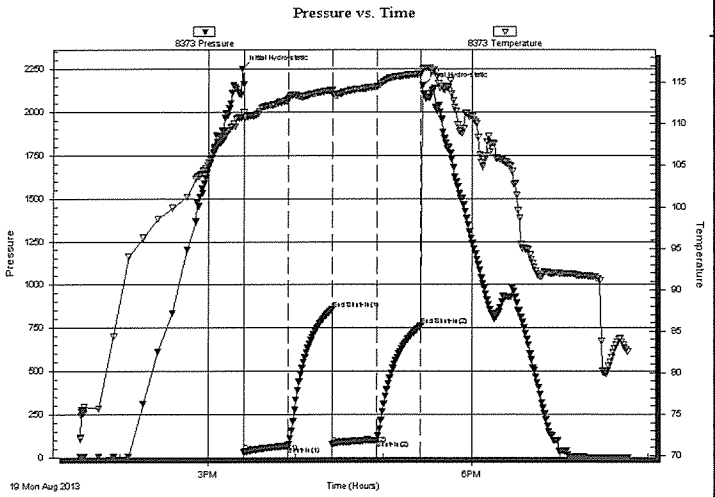
Reference Elevations: 2537.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 **Inside**

Press@RunDepth: 100.98 psig @ 4387.00 ft (KB)
Start Date: 2013.08.19 End Date: 2013.08.19
Start Time: 13:33:10 End Time: 19:46:42

Capacity: 8000.00 psig
Last Calib.: 2013.08.19
Time On Btm: 2013.08.19 @ 15:23:13
Time Off Btm: 2013.08.19 @ 17:26:13

TEST COMMENT: IF: 1/4" blow built to 7.
IS: No return.
FF: 1/4" blow built to 5.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2252.42	110.88	Initial Hydro-static
2	31.77	110.81	Open To Flow (1)
32	68.59	113.05	Shut-In(1)
62	856.31	114.09	End Shut-In(1)
62	77.42	113.57	Open To Flow (2)
92	100.98	114.51	Shut-In(2)
122	761.11	116.04	End Shut-In(2)
123	2153.11	116.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	ocm 50%o 50%m	0.59
60.00	mco 70%o 30%m	0.30
32.00	go 10%g 90%o	0.19

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53200 **DST#: 2**

Test Start: 2013.08.19 @ 13:33:05

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 15:24:43
Time Test Ended: 19:46:43

Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 60

Interval: 4386.00 ft (KB) To 4491.00 ft (KB) (TVD)
Total Depth: 4491.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

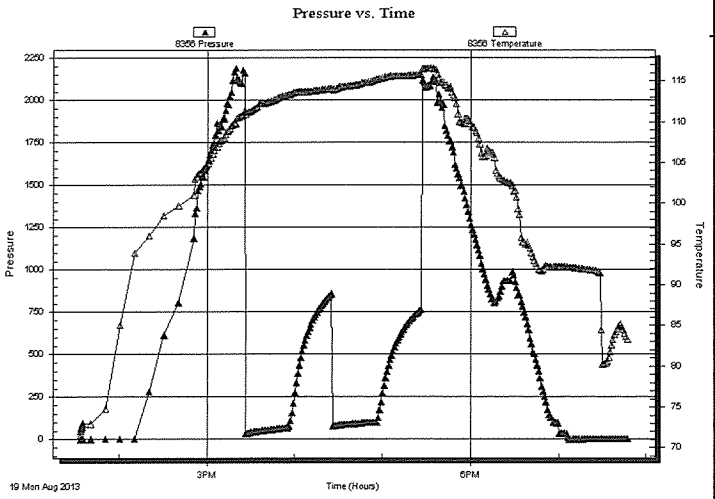
Reference Elevations: 2537.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8356 **Outside**

Press@RunDepth: psig @ 4387.00 ft (KB)
Start Date: 2013.08.19 End Date: 2013.08.19
Start Time: 13:33:24 End Time: 19:47:48

Capacity: 8000.00 psig
Last Calib.: 2013.08.19
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 7.
IS: No return.
FF: 1/4" blow built to 5.
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	ocm 50%o 50%m	0.59
60.00	mco 70%o 30%m	0.30
32.00	go 10%g 90%o	0.19

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53200 **DST#: 2**

Test Start: 2013.08.19 @ 13:33:05

Tool Information

Drill Pipe:	Length:	4160.00 ft	Diameter:	3.80	inches	Volume:	58.35	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	208.00 ft	Diameter:	2.25	inches	Volume:	1.02	bbl	
						Total Volume:	59.37	bbl	

Drill Pipe Above KB:	10.00 ft
Depth to Top Packer:	4386.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	105.00 ft
Tool Length:	133.00 ft
Number of Packers:	2
Diameter:	6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	30000.00 lb
Weight to Pull Loose:	95000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	80000.00 lb
Final	82000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4359.00		
Shut In Tool	5.00			4364.00		
Hydraulic tool	5.00			4369.00		
Jars	5.00			4374.00		
Safety Joint	3.00			4377.00		
Packer	5.00			4382.00	28.00	Bottom Of Top Packer
Packer	4.00			4386.00		
Stubb	1.00			4387.00		
Recorder	0.00	8373	Inside	4387.00		
Recorder	0.00	8356	Outside	4387.00		
Perforations	3.00			4390.00		
Change Over Sub	1.00			4391.00		
Drill Pipe	94.00			4485.00		
Change Over Sub	1.00			4486.00		
Bullnose	5.00			4491.00	105.00	Bottom Packers & Anchor
Total Tool Length:	**133.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 53200 **DST#: 2**

Test Start: 2013.08.19 @ 13:33:05

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.37 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2900.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

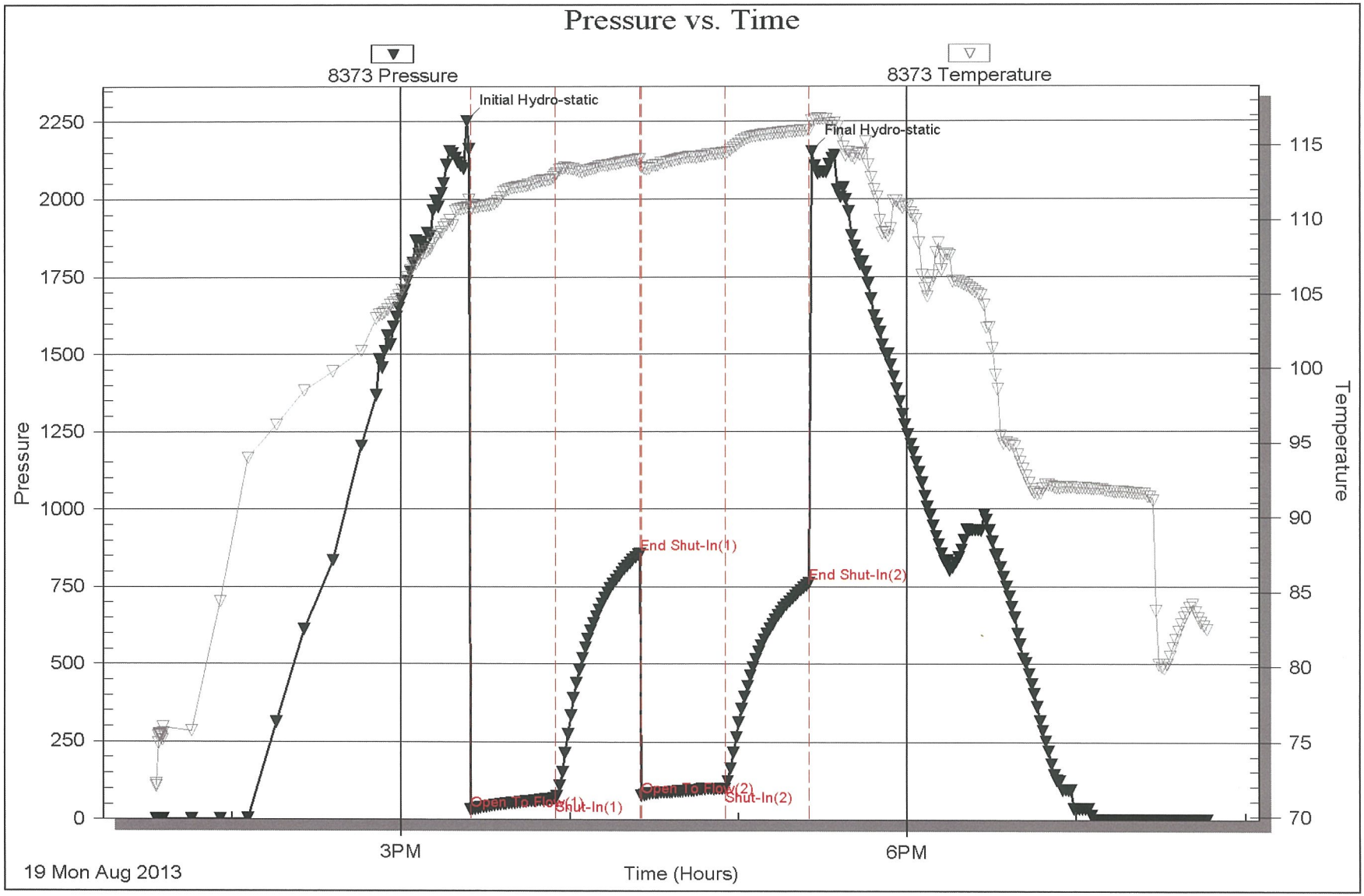
Recovery Table

Length ft	Description	Volume bbl
120.00	ocm 50%o 50%m	0.590
60.00	mco 70%o 30%m	0.295
32.00	go 10%g 90%o	0.194

Total Length: 212.00 ft Total Volume: 1.079 bbl

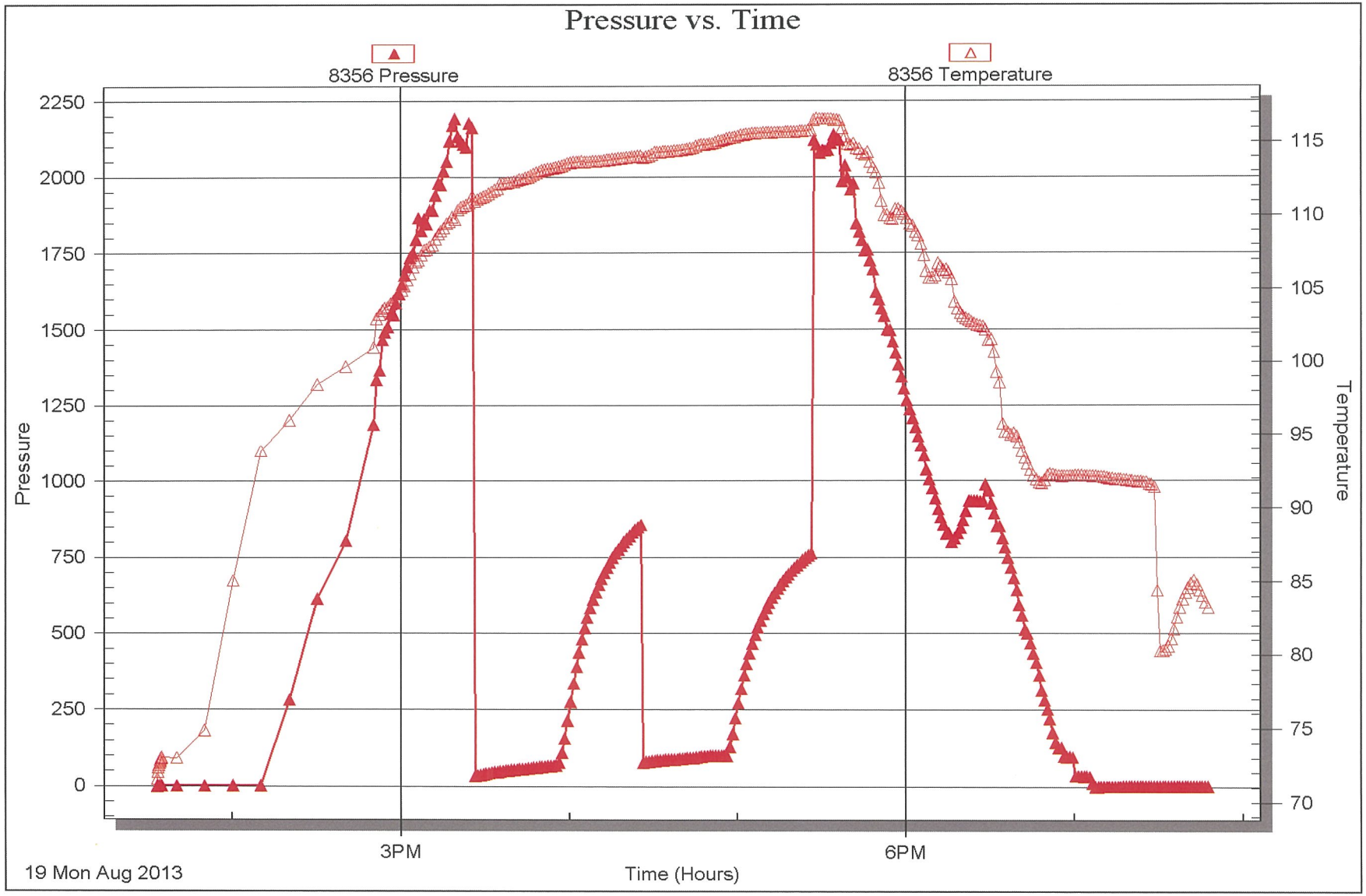
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8373 **Inside** Palomino Petroleum Stutz Quenzer #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 53200 Printed: 2013.08.21 @ 10:42:15

Serial #: 8356 **Outside** Palomino Petroleum Stutz Quenzer #1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 53200 Printed: 2013.08.21 @ 10:42:15

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Stutz Quenzer #1

7-17s-25w Ness,KS

Start Date: 2013.08.20 @ 10:18:44
End Date: 2013.08.20 @ 16:23:22
Job Ticket #: 54926 DST #: 3

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

Printed: 2013.08.21 @ 10:41:28

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 54926 **DST#: 3**

Test Start: 2013.08.20 @ 10:18:44

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:59:52
Time Test Ended: 16:23:22

Test Type: Conventional Straddle (Reset)
Tester: Brandon Turley
Unit No: 60

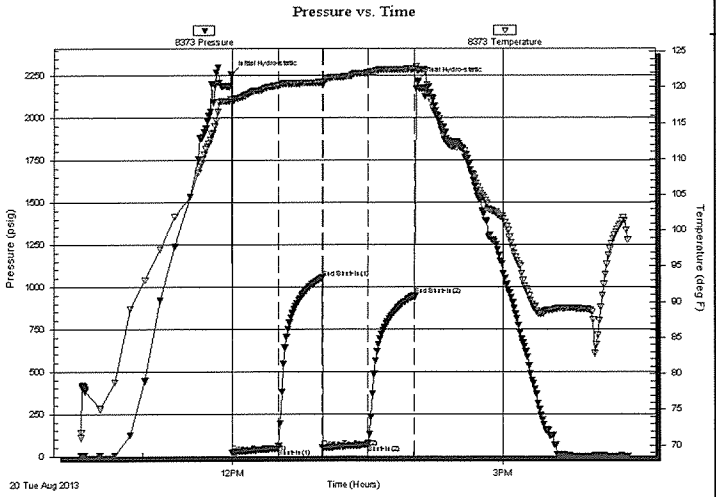
Interval: 4490.00 ft (KB) To 4519.00 ft (KB) (TVD)
Total Depth: 4610.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2537.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8373 **Inside**
Press@RunDepth: 66.45 psig @ 4491.00 ft (KB)
Start Date: 2013.08.20 End Date: 2013.08.20
Start Time: 10:18:49 End Time: 16:23:21

Capacity: 8000.00 psig
Last Calib.: 2013.08.20
Time On Btm: 2013.08.20 @ 11:58:52
Time Off Btm: 2013.08.20 @ 14:02:22

TEST COMMENT: IF: 1/4" blow built to 3"
IS: No return.
FF: Surface blow built to 2"
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2255.47	118.23	Initial Hydro-static
1	20.60	118.03	Open To Flow (1)
32	45.60	120.20	Shut-In(1)
61	1054.13	120.66	End Shut-In(1)
61	48.93	120.33	Open To Flow (2)
91	66.45	122.00	Shut-In(2)
122	948.92	122.55	End Shut-In(2)
124	2218.20	122.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	w cm 10%w 90%m	0.30
30.00	w cm 5%w 95%m	0.15
30.00	oil 100%o	0.15

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 54926 **DST#: 3**

Test Start: 2013.08.20 @ 10:18:44

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:59:52
Time Test Ended: 16:23:22

Test Type: Conventional Straddle (Reset)
Tester: Brandon Turley
Unit No: 60

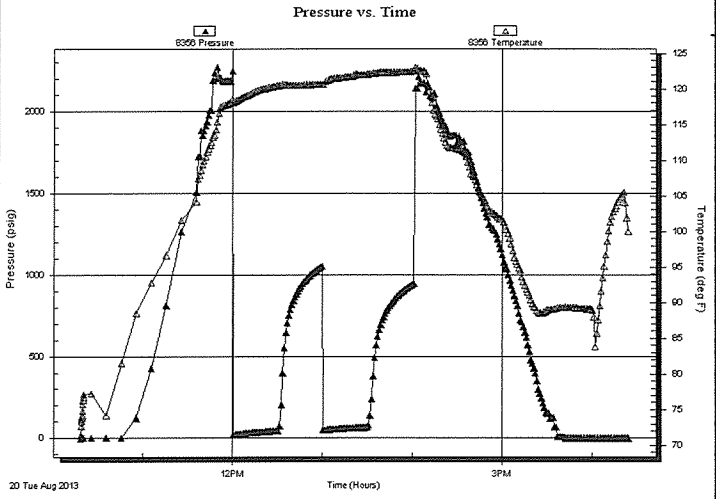
Interval: 4490.00 ft (KB) To 4519.00 ft (KB) (TVD)
Total Depth: 4610.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2537.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8356 **Outside**
Press@RunDepth: psig @ 4491.00 ft (KB)
Start Date: 2013.08.20 End Date: 2013.08.20
Start Time: 10:18:50 End Time: 16:24:14

Capacity: 8000.00 psig
Last Calib.: 2013.08.20
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 3"
IS: No return.
FF: Surface blow built to 2"
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	w cm 10%w 90%m	0.30
30.00	w cm 5%w 95%m	0.15
30.00	oil 100%o	0.15

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 54926 **DST#: 3**

Test Start: 2013.08.20 @ 10:18:44

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:59:52
Time Test Ended: 16:23:22

Test Type: Conventional Straddle (Reset)
Tester: Brandon Turley
Unit No: 60

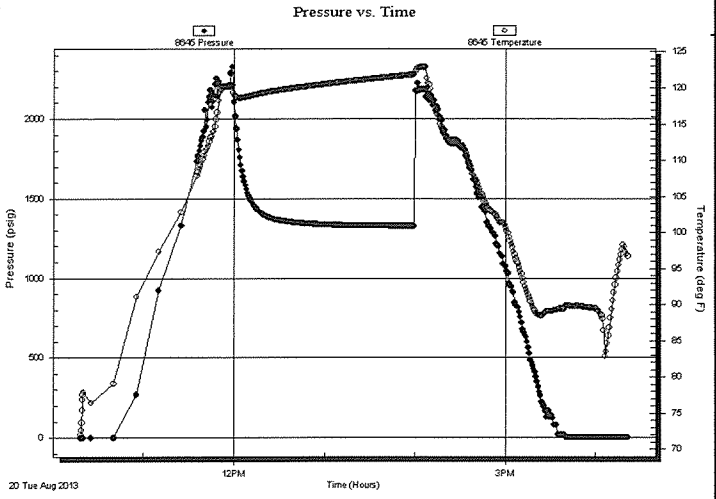
Interval: 4490.00 ft (KB) To 4519.00 ft (KB) (TVD)
Total Depth: 4610.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2537.00 ft (KB)
2527.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8645 **Below (Straddle)**
Press@RunDepth: psig @ 4541.00 ft (KB)
Start Date: 2013.08.20 End Date: 2013.08.20
Start Time: 10:18:12 End Time: 16:21:36

Capacity: 8000.00 psig
Last Calib.: 2013.08.20
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 3"
IS: No return.
FF: Surface blow built to 2"
FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	w cm 10%w 90%m	0.30
30.00	w cm 5%w 95%m	0.15
30.00	oil 100%o	0.15

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 54926 **DST#: 3**

Test Start: 2013.08.20 @ 10:18:44

Tool Information

Drill Pipe:	Length:	4284.00 ft	Diameter:	3.80 inches	Volume:	60.09 bbl	Tool Weight:		2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:		30000.00 lb
Drill Collar:	Length:	208.00 ft	Diameter:	2.25 inches	Volume:	1.02 bbl	Weight to Pull Loose:		100000.0 lb
					Total Volume:	61.11 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		30.00 ft					String Weight:	Initial	86000.00 lb
Depth to Top Packer:		4490.00 ft						Final	86000.00 lb
Depth to Bottom Packer:		4515.00 ft							
Interval between Packers:		25.00 ft							
Tool Length:		148.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4463.00		
Shut In Tool	5.00			4468.00		
Hydraulic tool	5.00			4473.00		
Jars	5.00			4478.00		
Safety Joint	3.00			4481.00		
Packer	5.00			4486.00	28.00	Bottom Of Top Packer
Packer	4.00			4490.00		
Stubb	1.00			4491.00		
Recorder	0.00	8373	Inside	4491.00		
Recorder	0.00	8356	Outside	4491.00		
Perforations	23.00			4514.00		
Blank Off Sub	1.00			4515.00	25.00	Tool Interval
Packer	4.00			4519.00		
Stubb	1.00			4520.00		
Perforations	20.00			4540.00		
Change Over Sub	1.00			4541.00		
Recorder	0.00	8645	Below	4541.00		
Drill Pipe	63.00			4604.00		
Change Over Sub	1.00			4605.00		
Bullnose	5.00			4610.00	95.00	Bottom Packers & Anchor
Total Tool Length:	**148.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

7-17s-25w Ness,KS

Stutz Quenzer #1

Job Ticket: 54926 **DST#: 3**

Test Start: 2013.08.20 @ 10:18:44

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	0 ppm
Viscosity:	51.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2900.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

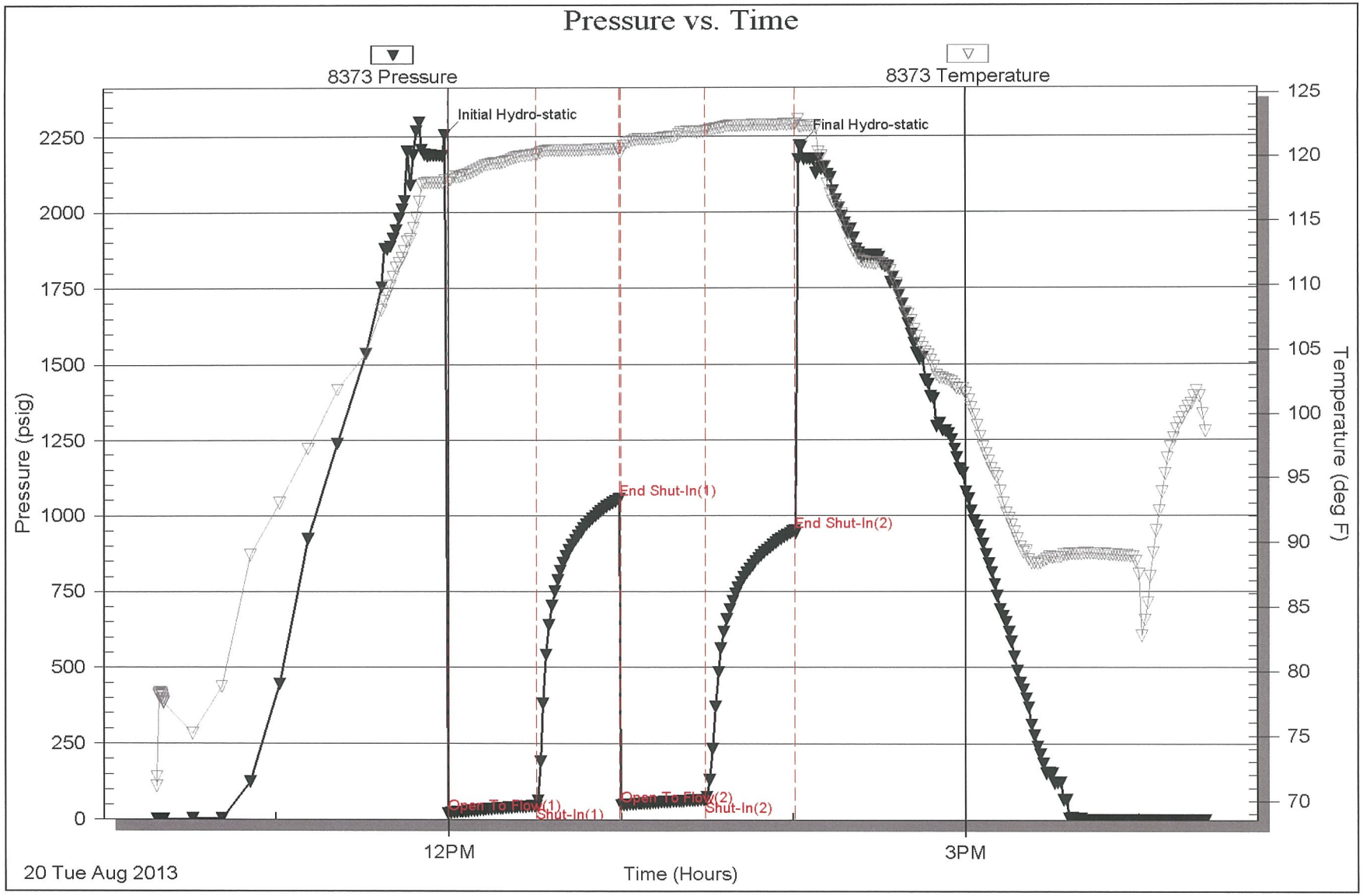
Recovery Table

Length ft	Description	Volume bbl
60.00	w cm 10%w 90%m	0.295
30.00	w cm 5%w 95%m	0.148
30.00	oil 100%o	0.148

Total Length: 120.00 ft Total Volume: 0.591 bbl

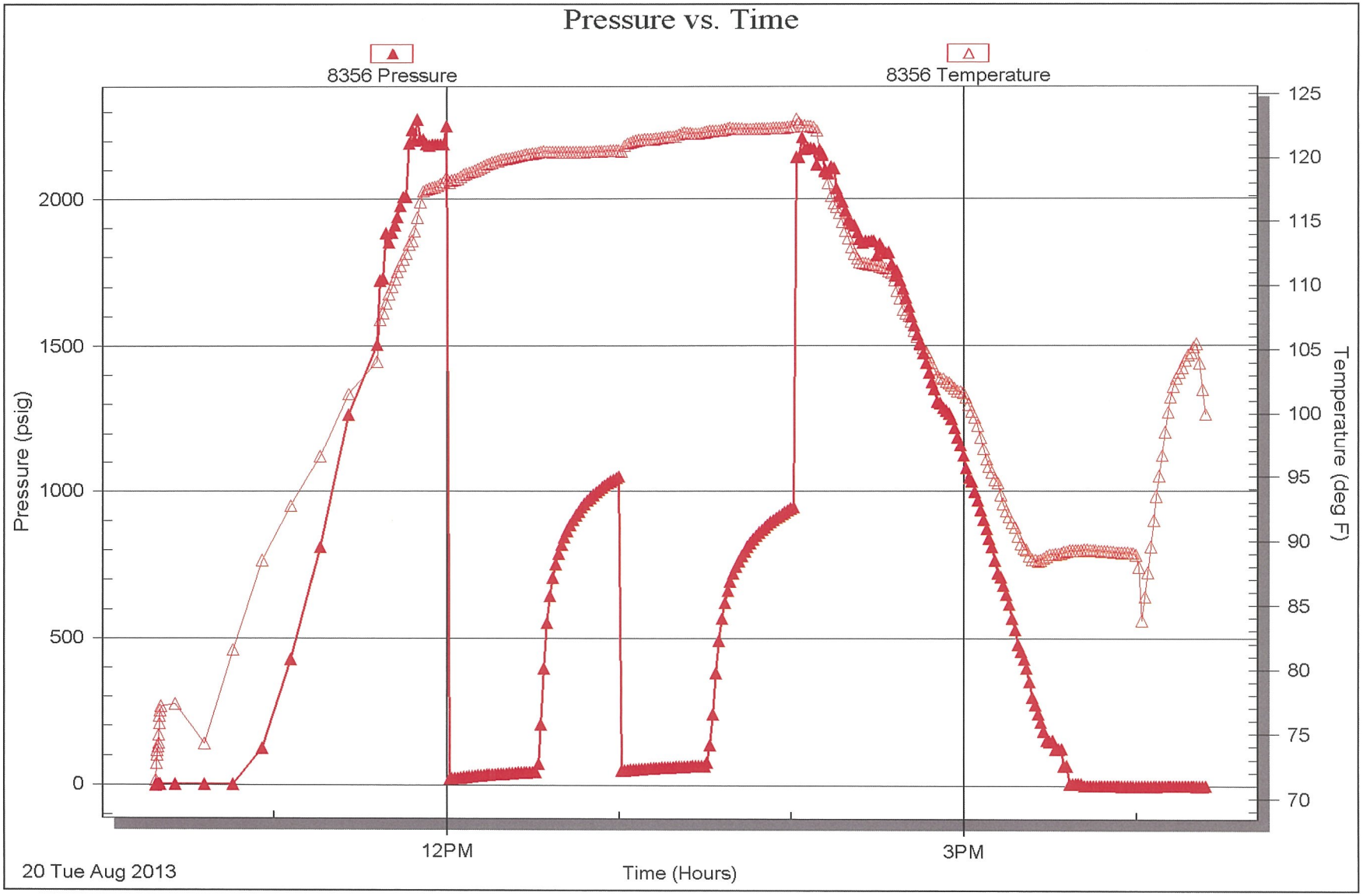
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8373 **Inside** Palomino Petroleum Stutz Quenzer #1 DST Test Number: 3



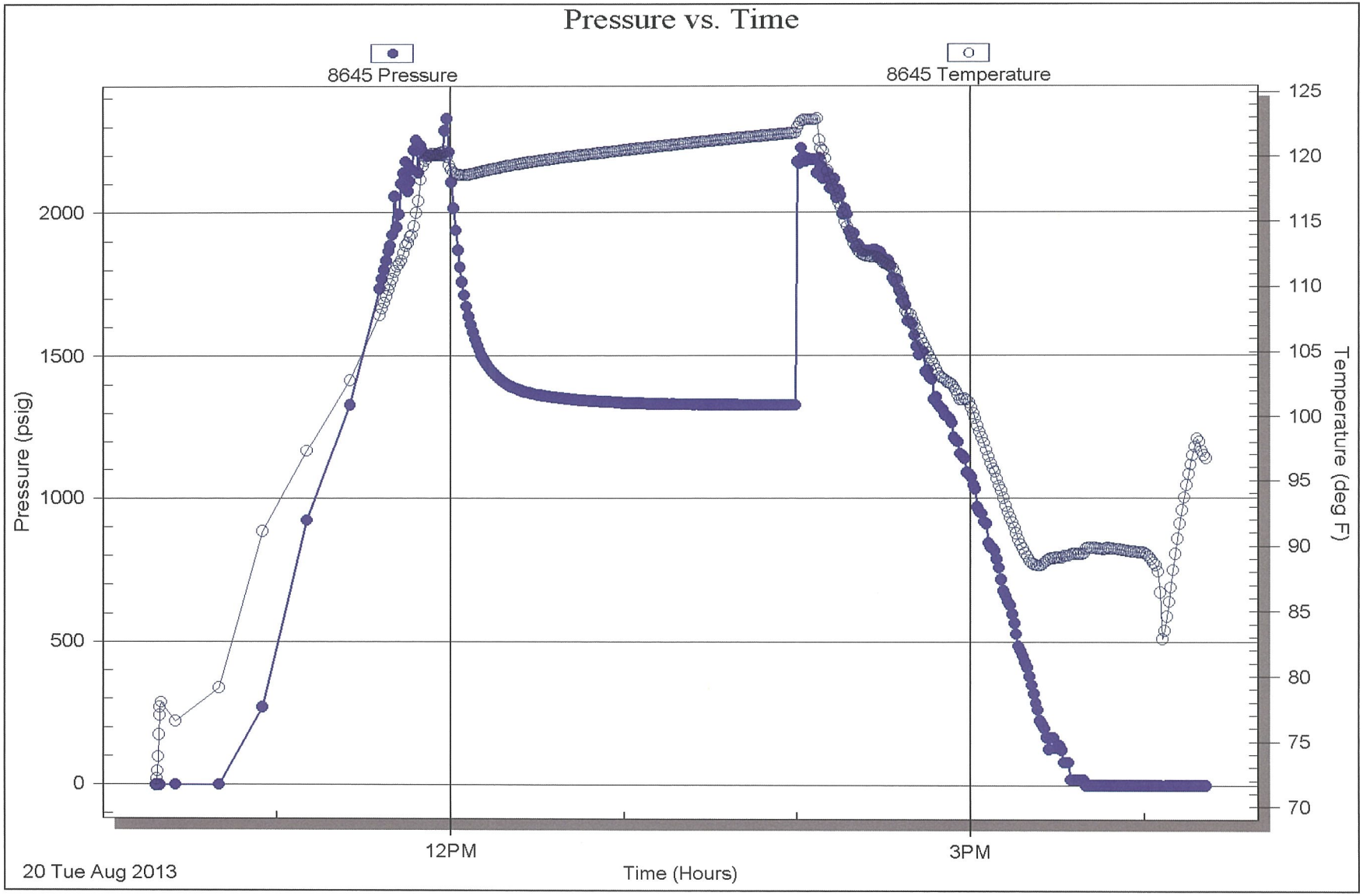
Trilobite Testing, Inc Ref. No: 54926 Printed: 2013.08.21 @ 10:41:31

Serial #: 8356 **Outside** Palomino Petroleum Stutz Quenzer #1 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 54926 Printed: 2013.08.21 @ 10:41:31

Serial #: 8645 **Below (Straddle)** Rubicon Petroleum Stutz Quenzer #1 DST Test Number: 3



Trilobite Testing, Inc Ref. No: 54926 Printed: 2013.08.21 @ 10:41:32

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 53199

Well Name & No. Stutz Quenzer #1 Test No. 1 Date 8-18-13

Company Palomino Petroleum Elevation 2537 KB 2527 GL

Address 4924 SE 84th St Newton, KS 67114

Co. Rep / Geo. Ryan Seib Rig Pickrell #1

Location: Sec. 7 Twp. 17S Rge. 25W Co. Ness State KS

Interval Tested 4142 4310 Zone Tested Marmaton

Anchor Length 168 Drill Pipe Run ~~3~~ 3912 Mud Wt. 9.2

Top Packer Depth 4137 Drill Collars Run 208 Vis 60

Bottom Packer Depth 4142 Wt. Pipe Run — WL 13.6

Total Depth 4310 Chlorides 3000 ppm System LCM 0

Blow Description IF: 1/4 blow died in 8 min.

IS: No return.

FF: No blow.

FS: No return.

Rec 15	Feet of mud	%gas	%oil	%water 100	%mud	
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 15 BHT 110 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2118	☐ Test 1250	T-On Location 12:15	
(B) First Initial Flow 24	☑ Jars 250	T-Started 13:05	
(C) First Final Flow 30	☑ Safety Joint 75	T-Open 15:09	
(D) Initial Shut-In 705	☑ Circ Sub N/C	T-Pulled 16:49	
(E) Second Initial Flow 35	☐ Hourly Standby	T-Out 18:55	
(F) Second Final Flow 41	☑ Mileage 110 — 170.50	Comments	
(G) Final Shut-In 296	☐ Sampler		
(H) Final Hydrostatic 1978	☐ Straddle	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open 30	☐ Extra Packer	☐ Extra Copies	
Initial Shut-In 30	☐ Extra Recorder	Sub Total 0	
Final Flow ~~30~~ 15	☐ Day Standby	Total 1745.50	
Final Shut-In ~~30~~ 15	☐ Accessibility	MP/DST Disc't	
	Sub Total 1745.50		

Approved By _____ Our Representative _____

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 53200

Well Name & No. Stutz Quenzer #1 Test No. 2 Date 8-19-13

Company Blomino Petroleum Elevation 2539 KB 2527 GL

Address

Co. Rep / Geo. Ryan Scib Rig Pickrell #1

Location: Sec. 7 Twp. 17S Rge. 25W Co. Ness State KS

Interval Tested 4386 4491 Zone Tested M, LS

Anchor Length 105 Drill Pipe Run 4160 Mud Wt. 9.3

Top Packer Depth 4381 Drill Collars Run 208 Vis 51

Bottom Packer Depth 4386 Wt. Pipe Run — WL 10.4

Total Depth 4491 Chlorides 2900 ppm System LCM 0

Blow Description IF: 1/4 blow built to 7.

IS: No return,

FF: 1/4 blow built to 5,

FS: No return.

Rec 32	Feet of 90	10 %gas	90 %oil	%water	%mud
Rec 60	Feet of MCO	%gas	70 %oil	%water 30	%mud
Rec 120	Feet of OCM	%gas	50 %oil	%water 50	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 212 BHT 114 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2252	☑ Test 1250	T-On Location 13:00
(B) First Initial Flow 31	☑ Jars 250	T-Started 13:33
(C) First Final Flow 68	☑ Safety Joint 75	T-Open 15:24
(D) Initial Shut-In 856	☑ Circ Sub N/C	T-Pulled 17:24
(E) Second Initial Flow 77	☐ Hourly Standby	T-Out 19:47
(F) Second Final Flow 100	☑ Mileage 110 - 170.50	Comments
(G) Final Shut-In 761	☐ Sampler	
(H) Final Hydrostatic 2153	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 30	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 30	☐ Extra Recorder	Sub Total 0
Final Flow 30	☐ Day Standby	Total 1745.50
Final Shut-In 30	☐ Accessibility	MP/DST Disc't
	Sub Total 1745.50	

Approved By Our Representative

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 54926

Well Name & No. Stutz Quenzer #1 Test No. 3 Date 8-20-13

Company Palomino Petroleum Elevation 2537 KB 2527 GL

Address

Co. Rep / Geo. Ryan Seib Rig Pickrell #1

Location: Sec. 7 Twp. 17S Rge. 25W Co. Ness State KS

Interval Tested 4490 4519 Zone Tested Miss

Anchor Length 29 Drill Pipe Run 4284 Mud Wt. 9.3

Top Packer Depth 4490 Drill Collars Run 208 Vis 51

Bottom Packer Depth 4519 Wt. Pipe Run — WL 10.4

Total Depth 4610 Chlorides 2900 ppm System LCM 0

Blow Description IF; 1/4 blow built to 3.

IS; No return.

FF; Surface blow built to 2.

FS; No return.

Rec 30	Feet of Oil	%gas	100 %oil	%water	%mud	
Rec 30	Feet of WCM	%gas	%oil 5	%water 95	%mud	
Rec 60	Feet of WCM	%gas	%oil 10	%water 90	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	
Rec	Feet of	%gas	%oil	%water	%mud	

Rec Total 120 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2255	☑ Test 1250	T-On Location 9:15	
(B) First Initial Flow 20	☑ Jars 250	T-Started 10:18	
(C) First Final Flow 45	☑ Safety Joint 75	T-Open 12:00	
(D) Initial Shut-In 1054	☑ Circ Sub NJC	T-Pulled 14:00	
(E) Second Initial Flow 48	☐ Hourly Standby	T-Out 16:25	
(F) Second Final Flow 66	☑ Mileage 220 — 170.50	Comments	
(G) Final Shut-In 948	☑ Sampler		
(H) Final Hydrostatic 2218	☑ Straddle 600.00	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open 30	☐ Extra Packer	☐ Extra Copies	
Initial Shut-In 30	☐ Extra Recorder	Sub Total 0	
Final Flow 30	☐ Day Standby	Total 2345.50	
Final Shut-In 30	☐ Accessibility	MP/DST Disc't	
	Sub Total 2345.50		

Approved By Our Representative

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.