



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	18-1 1
Doc ID	1099677

Tops

Name	Top	Datum
Anhy.	1868	+558
Base Anhy.	1906	+520
Heebner	3699	-1273
Lansing	3737	-1311
BKC	4032	-1606
Pawnee	4125	-1699
Ft. Scott	4230	-1804
Cherokee Sh.	4255	-1829
Miss. Por.	4326	-1900
LTD	4452	-2026



CONSOLIDATED
Oil Well Services, LLC

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

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

RECEIVED

OCT 22 2012
Invoice #

253838

INVOICE

=====
Invoice Date: 10/19/2012 Terms: 10/10/30,n/30 Page 1
=====

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

18-1 #1
37232
18-15-25
10-17-2012
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	17.6500	2912.25
1102	CALCIUM CHLORIDE (50#)	465.00	.8900	413.85
1118B	PREMIUM GEL / BENTONITE	310.00	.2500	77.50

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-340.36
9995-130	CEMENT EQUIPMENT DISCOUNT	-171.59

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463 EQUIPMENT MILEAGE (ONE WAY)	35.00	5.00	175.00
566 TON MILEAGE DELIVERY	1.00	455.91	455.91

Amount Due 5350.95 if paid after 11/18/2012

Parts:	3403.60	Freight:	.00	Tax:	208.30	AR	4815.86
Labor:	.00	Misc:	.00	Total:	4815.86		
Sublt:	-511.95	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 37232

LOCATION Oralley

FOREMAN Fuzz

FIELD TICKET & TREATMENT REPORT CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-17-12	6285	18-1 #1	18	15S	25W	Trego
CUSTOMER			QUANTITY			
Palomino Petroleum			S-RAK	TRUCK #	DRIVER	TRUCK #
MAILING ADDRESS			4E-4	463	Jerry Y	
CITY			S-CLAY	566	Jordan h	
STATE			12			
ZIP CODE			25			
			6518			

JOB TYPE Surf HOLE SIZE 12 1/4 HOLE DEPTH 209 CASING SIZE & WEIGHT 8518
 CASING DEPTH 208 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.7 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT in CASING 20'
 DISPLACEMENT 12 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on W-W #10 - Rig up and circulate
Mix 165 SRS CLASS 'A' 397cc 290gal - Displace 12 BAR and shut in
cement did circulate approx 5 BBLs to pit.

Thanks Fuzz & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1085.00	1085.00
5406	35	MILEAGE	5.00	175.00
5407A	7.8 tow	Tow mileage Delivery	1.67	455.91
11045	165 SKS	CLASS 'A' cement	17.65	2912.25
1102	465 #	Calcium chloride	0.89	413.85
1118B	310 #	Bentonite	0.25	77.50
		subtotal		5119.51
		less 10%		5119.51
		subtotal		4607.56
		SALES TAX		208.30
		ESTIMATED TOTAL		4815.86

Completed

AUTHORIZATION

TITLE toolpusher

DATE 10-17-12

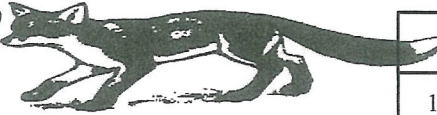
I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

SWIFT



Services, Inc.

P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
10/25/2012	23451

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

RECEIVED

NOV 01 2012

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	18-1	Trego	WW Drilling	Oil	Development	Cement 5-1/2" L...	David
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	6.00	180.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
409-5	5 1/2" Turbolizer				10	Each	90.00	900.00T
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
325	Standard Cement				100	Sacks	13.50	1,350.00T
284	Calseal				5	Sack(s)	35.00	175.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				50	Lb(s)	4.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.50	2,062.50T
276	Flocele				50	Lb(s)	2.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				343.71	Ton Miles	1.00	343.71
	Subtotal							11,656.21
	Sales Tax Trego County						6.80%	624.41

We Appreciate Your Business!

Total

\$12,280.62



Services, Inc.

CHARGE TO: Palomino Petroleum
 ADDRESS: _____
 CITY, STATE, ZIP CODE: _____

TICKET No. **23451**

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City 155</u>	WELL/PROJECT NO. <u>H1</u>	LEASE <u>18-1</u>	COUNTY/PARISH <u>Trego</u>	STATE <u>KS</u>	CITY <u>Utica</u>	DATE <u>10-25-12</u>	OWNER <u>Scme</u>
2. TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>W & W</u>	RIG NAME NO.	SHIPPED VIA <u>ST</u>	DELIVERED TO <u>Location</u>	WELL LOCATION <u>Utica 155 W&E 8N, E Inho</u>	ORDER NO.	
3. WELL TYPE <u>ORL</u>	WELL CATEGORY <u>Drilling</u>	JOB PURPOSE <u>Cement 5 1/2" Longstring</u>	WELL PERMIT NO.				
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE			30	m	6.00	180.00
578					Tnk # 114					1500.00	1500.00
409					Pump Charge	1	job			90.00	90.00
403					Turbolizer	5 1/2	in	10	ea	250.00	500.00
407					Cement Basket	5 1/2	in	2	ea	350.00	350.00
406					Insert Float Shoe w/ Auto Fill	5 1/2	in	1	ea	250.00	250.00
404					Latch Down Plug & Baffle	5 1/2	in	1	ea	250.00	250.00
					Port Collar	5 1/2	in	1	ea	2400.00	2400.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMERS AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
 DATE SIGNED 10-25-12 TIME SIGNED 4:00 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY		AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL #1
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					6080.00
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					5576.21
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					11,656.02
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			6241.4
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					TOTAL 12,280.63

FT OPERATOR David Huelin APPROVAL [Signature] CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket. Thank You



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 23451

CUSTOMER Pol/Dwinc Petroleum

WELL 18-1 4 1

DATE 7-0-25-02

PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT														
		LOC	ACCT	DE			QTY	UM	QTY	UM			QTY	UM												
325						Standard Cement																				
284						Cal Seal	5	%			100	sk	13	50	1350											
283						Self	10	%			500	lbs	00	20	100											
285						CFR-1	1/2	%			50	lbs	4	00	200											
330						SMD Cement					125	sk	16	50	2062											
276						Flocel	1/4	lbs			50	lbs	2	00	100											
281						Mud Flush					500	gal	1	25	625											
221						Liquid HCL					4	gal	25	00	100											
290						D-Air					2	gal	35	00	70											
581						SERVICE CHARGE							2	00	450											
583						MILEAGE CHARGE							1	00	343											
						TOTAL WEIGHT	22913.75		LOADED MILES	30		CUBIC FEET	225													
						TON MILES	343.71																			
												CONTINUATION TOTAL		5576.21												

JOB LOG

SWIFT Services, Inc.

DATE 10-25-12 PAGE NO. 2

CUSTOMER Palomino Petroleum WELL NO. #1 LEASE 18-1 JOB TYPE Cement 5 1/2" Longstring TICKET NO. 23451

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								TD-4450 TP-4448 set @ 4448
								Shoe jt #1 32.47 Port Collar #62 1836
								Centralizer - #1 #2 #3 #4 #5 #6 #7 #8 #10 #61
								Basket - #2 #62 5 1/2" 14 #
								125 sks SMO 1/4" flo, 100 sks EA-2 1/4" flo
	0400							on location
	0415							start 5 1/2" 14 # casing in well
	0608							Drop ball circulate
	0715	6 3/4	12		✓	300		Pump 500 gal Mud Flush
		6 3/4	20		✓	300		Pump 20 bbl KCL Flush
			11		✗			Plug RH (30 sks)
	0728	4 1/2	35		✓	200		Mix 95 sks SMO w/ 1/4" flo
		4 1/2	24		✓	200		Mix 100 sks EA-2 w/ 1/4" flo
								wash out Pump + Lines
								Drop Latch Down Plug
	0751	6 3/4	0		✓	0		Start Displacement
		6 3/4	100			850		
	0807	6 3/4	107.7		✓	1000		Land Latch Down Plug
								Release PSI - Held
	0812							wash up truck
	0845							Job Complete
								Thank You
								Dave Blaine TJ Flint



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th ST
Newton KS 67114

ATTN: Ryan Seib

18-1 #1

18-15s-25w Trego KS

Start Date: 2012.10.21 @ 07:45:04

End Date: 2012.10.21 @ 12:23:04

Job Ticket #: 48468 DST #: 1

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

Printed: 2012.10.25 @ 14:56:37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

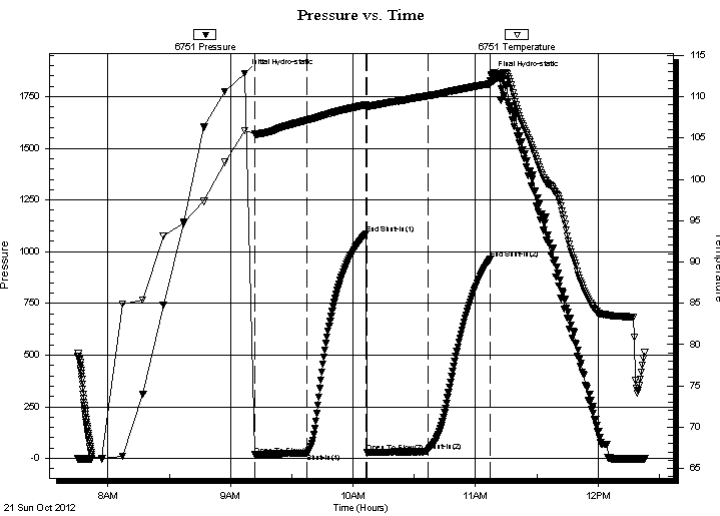
18-15s-25w Trego KS
18-1 #1
Job Ticket: 48468 **DST#: 1**
Test Start: 2012.10.21 @ 07:45:04

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:12:04
Time Test Ended: 12:23:04
Interval: **3880.00 ft (KB) To 3949.00 ft (KB) (TVD)**
Total Depth: 3949.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Tate Lang
Unit No: 62
Reference Elevations: 2426.00 ft (KB)
2421.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6751 Outside
Press @ Run Depth: 32.93 psig @ 3881.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.10.21 End Date: 2012.10.21 Last Calib.: 2012.10.21
Start Time: 07:45:09 End Time: 12:23:03 Time On Btm: 2012.10.21 @ 09:07:04
Time Off Btm: 2012.10.21 @ 11:07:34

TEST COMMENT: IF-Weak surface blow built to 1/4" and stayed
ISI-Dead no return
FF-Dead No Blow
FSI-Dead No Return



PRESSURE SUMMARY

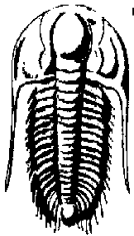
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1859.86	105.88	Initial Hydro-static
5	17.29	105.55	Open To Flow (1)
31	25.85	107.14	Shut-In(1)
60	1086.74	109.02	End Shut-In(1)
60	28.12	108.77	Open To Flow (2)
90	32.93	110.09	Shut-In(2)
120	962.99	111.56	End Shut-In(2)
121	1852.37	111.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% M Few oil spots	0.10

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th ST
New ton KS 67114

ATTN: Ryan Seib

18-15s-25w Trego KS

18-1 #1

Job Ticket: 48468

DST#: 1

Test Start: 2012.10.21 @ 07:45:04

GENERAL INFORMATION:

Formation: **Lansing**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:12:04
Time Test Ended: 12:23:04
Interval: **3880.00 ft (KB) To 3949.00 ft (KB) (TVD)**
Total Depth: 3949.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches **Hole Condition:** Fair

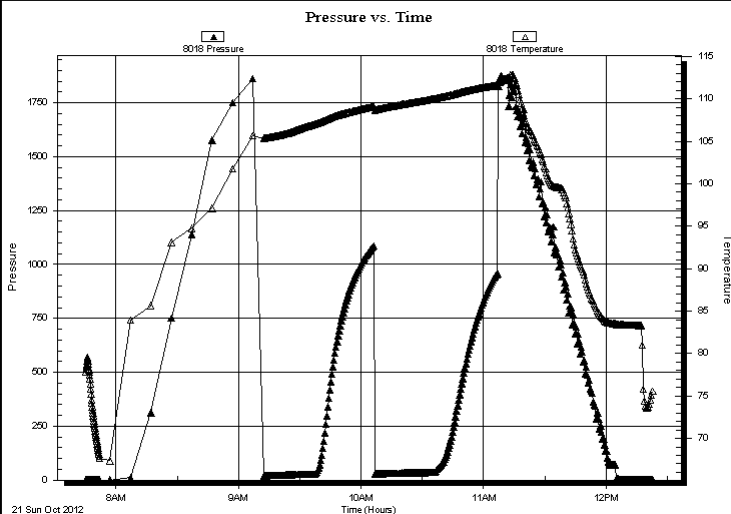
Test Type: Conventional Bottom Hole (Initial)
Tester: Tate Lang
Unit No: 62
Reference Elevations: 2426.00 ft (KB)
 2421.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press @ RunDepth: psig @ 3881.00 ft (KB) **Capacity:** 8000.00 psig
Start Date: 2012.10.21 **End Date:** 2012.10.21 **Last Calib.:** 2012.10.21
Start Time: 07:45:05 **End Time:** 12:22:59 **Time On Btm:**
Time Off Btm:

TEST COMMENT: IF-Weak surface blow built to 1/4" and stayed
 IS-Dead no return
 FF-Dead No Blow
 FSI-Dead No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% M Few oil spots	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48468 **DST#: 1**
Test Start: 2012.10.21 @ 07:45:04

Tool Information

Drill Pipe:	Length: 3759.00 ft	Diameter: 3.80 inches	Volume: 52.73 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:	20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 53.35 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.50 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3880.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	69.00 ft				
Tool Length:	91.50 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3858.50	
Shut In Tool	5.00			3863.50	
Hydraulic tool	5.00			3868.50	
Safety Joint	2.50			3871.00	
Packer	5.00			3876.00	22.50 Bottom Of Top Packer
Packer	4.00			3880.00	
Stubb	1.00			3881.00	
Recorder	0.00	8018	Inside	3881.00	
Recorder	0.00	6751	Outside	3881.00	
Change Over Sub	1.00			3882.00	
Drill Pipe	63.00			3945.00	
Change Over Sub	1.00			3946.00	
Bullnose	3.00			3949.00	69.00 Bottom Packers & Anchor

Total Tool Length: 91.50



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48468 **DST#: 1**
Test Start: 2012.10.21 @ 07:45:04

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.57 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

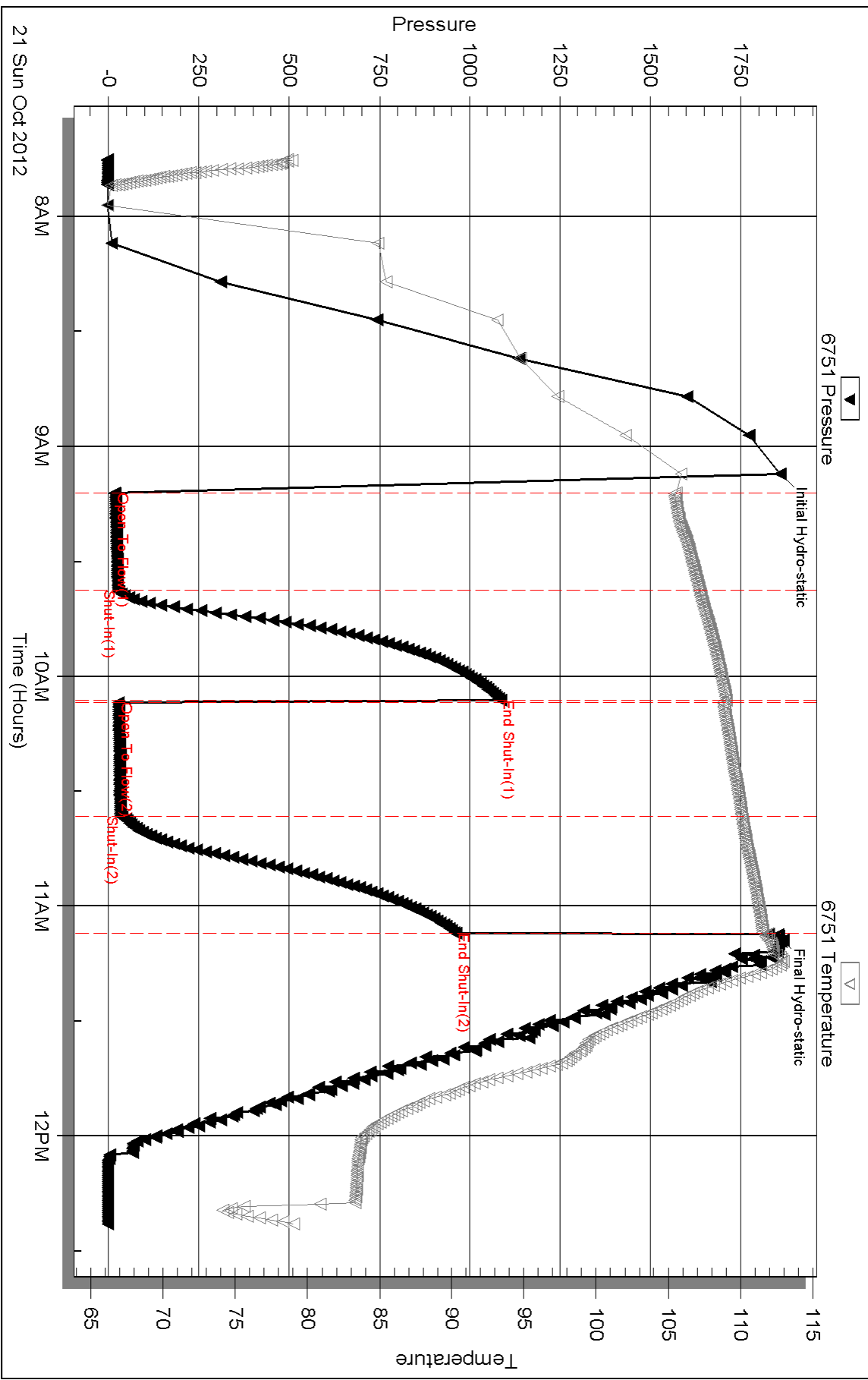
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100% M Few oil spots	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



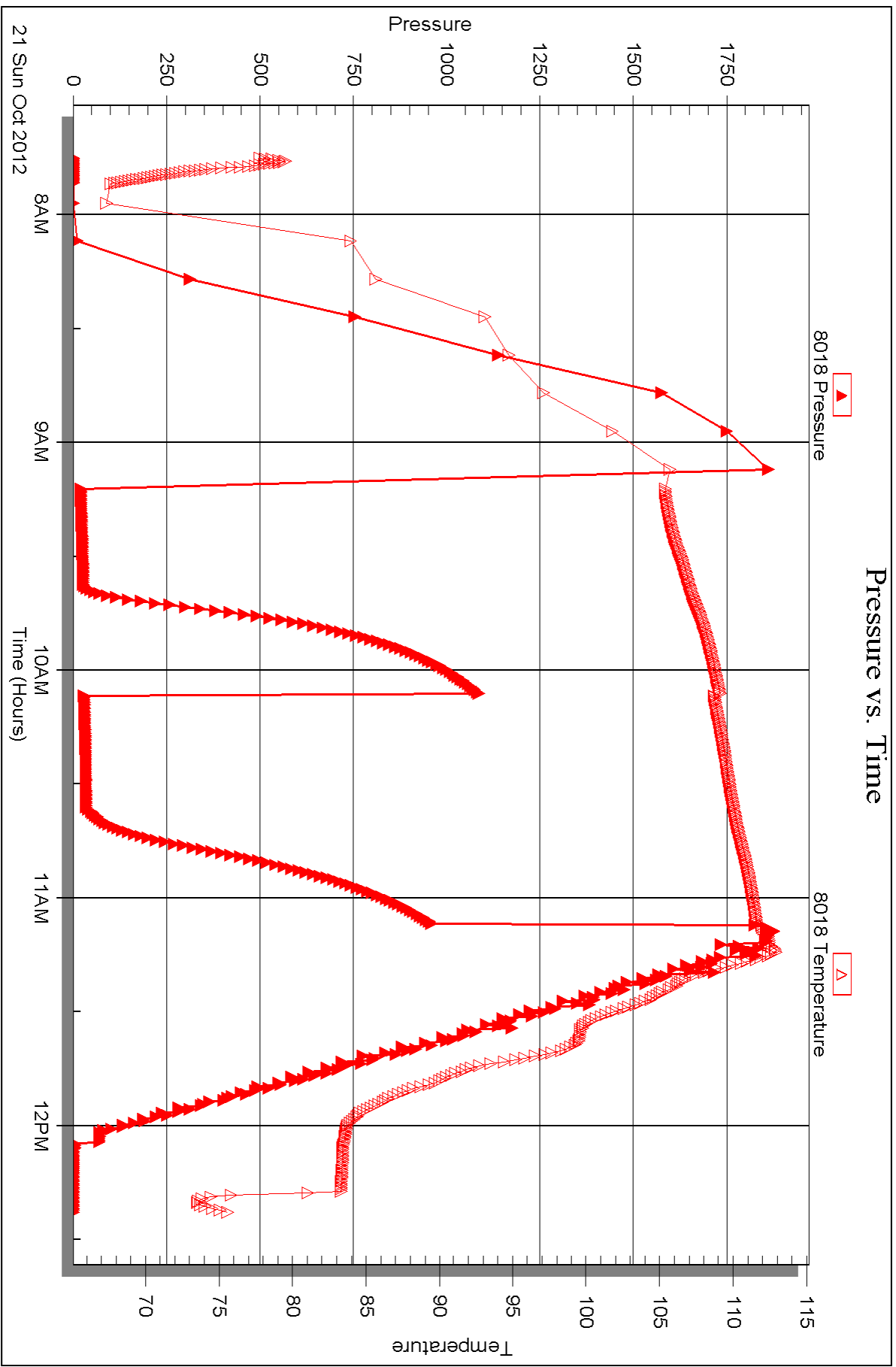
Serial #: 8018

Inside

Palomino Petroleum

18-1 #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th ST
Newton KS 67114

ATTN: Ryan Seib

18-1 #1

18-15s-25w Trego KS

Start Date: 2012.10.21 @ 18:14:29

End Date: 2012.10.21 @ 23:14:46

Job Ticket #: 48469 DST #: 2

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

Printed: 2012.10.25 @ 14:55:41



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th ST
 New ton KS 67114
 ATTN: Ryan Seib

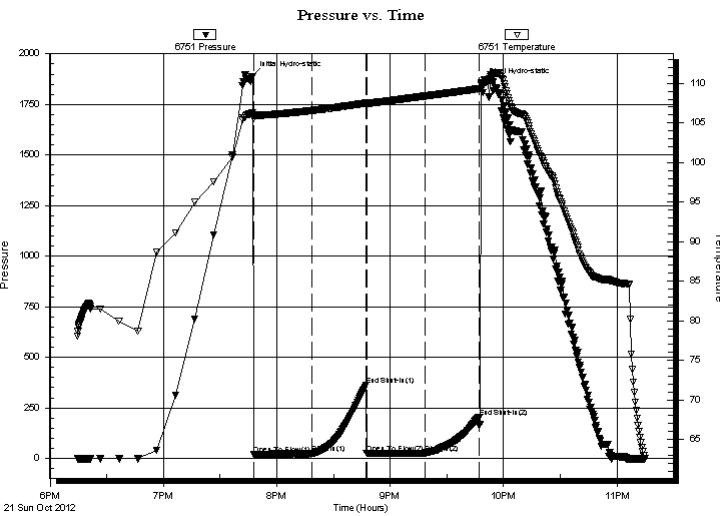
18-15s-25w Trego KS
18-1 #1
 Job Ticket: 48469 **DST#: 2**
 Test Start: 2012.10.21 @ 18:14:29

GENERAL INFORMATION:

Formation: **Lansing**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:47:44
 Time Test Ended: 23:14:46
 Interval: **3927.00 ft (KB) To 3969.00 ft (KB) (TVD)**
 Total Depth: 3969.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tate Lang
 Unit No: 62
 Reference Elevations: 2426.00 ft (KB)
 2421.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6751 Outside
 Press @ Run Depth: 26.05 psig @ 3932.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.21 End Date: 2012.10.21 Last Calib.: 2012.10.21
 Start Time: 18:14:34 End Time: 23:14:47 Time On Btm: 2012.10.21 @ 19:47:29
 Time Off Btm: 2012.10.21 @ 21:48:29

TEST COMMENT: IF-Weak Surface Blow Built to 1/4"
 ISI-Dead No Return
 FF-Dead No Blow
 FSI-Dead No Return Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1891.17	106.34	Initial Hydro-static
1	20.58	105.59	Open To Flow (1)
32	23.95	106.57	Shut-In(1)
60	362.15	107.51	End Shut-In(1)
60	24.35	107.38	Open To Flow (2)
91	26.05	108.38	Shut-In(2)
120	201.67	109.31	End Shut-In(2)
121	1856.48	109.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% M	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

18-15s-25w Trego KS

4924 SE 84th ST
New ton KS 67114

18-1 #1

ATTN: Ryan Seib

Job Ticket: 48469

DST#: 2

Test Start: 2012.10.21 @ 18:14:29

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:47:44

Time Test Ended: 23:14:46

Interval: 3927.00 ft (KB) To 3969.00 ft (KB) (TVD)

Total Depth: 3969.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 62

Reference Elevations: 2426.00 ft (KB)

2421.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018

Inside

Press @ Run Depth: psig @ 3932.00 ft (KB)

Start Date: 2012.10.21

End Date:

2012.10.21

Start Time: 18:14:58

End Time:

23:15:07

Capacity: 8000.00 psig

Last Calib.: 2012.10.21

Time On Btm:

Time Off Btm:

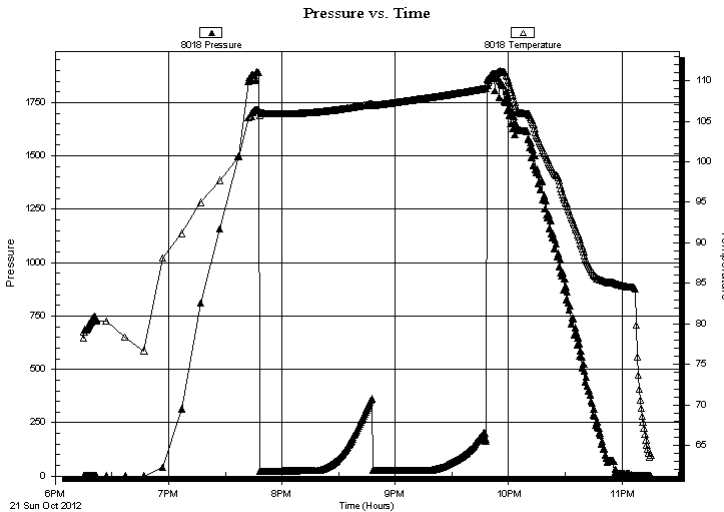
TEST COMMENT: IF-Weak Surface Blow Built to 1/4"

ISI-Dead No Return

FF-Dead No Blow

FSI-Dead No Return Blow

PRESSURE SUMMARY



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

Length (ft)	Description	Volume (bbl)
5.00	100% M	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48469 **DST#: 2**
Test Start: 2012.10.21 @ 18:14:29

Tool Information

Drill Pipe:	Length: 3795.00 ft	Diameter: 3.80 inches	Volume: 53.23 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:	20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume: 53.85 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.50 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3927.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	64.50 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			3905.50	
Shut In Tool	5.00			3910.50	
Hydraulic tool	5.00			3915.50	
Safety Joint	2.50			3918.00	
Packer	5.00			3923.00	22.50 Bottom Of Top Packer
Packer	4.00			3927.00	
Stubb	1.00			3928.00	
Perforations	4.00			3932.00	
Recorder	0.00	8018	Inside	3932.00	
Recorder	0.00	6751	Outside	3932.00	
Change Over Sub	1.00			3933.00	
Drill Pipe	32.00			3965.00	
Change Over Sub	1.00			3966.00	
Bullnose	3.00			3969.00	42.00 Bottom Packers & Anchor

Total Tool Length: 64.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48469 **DST#: 2**
Test Start: 2012.10.21 @ 18:14:29

Mud and Cushion Information

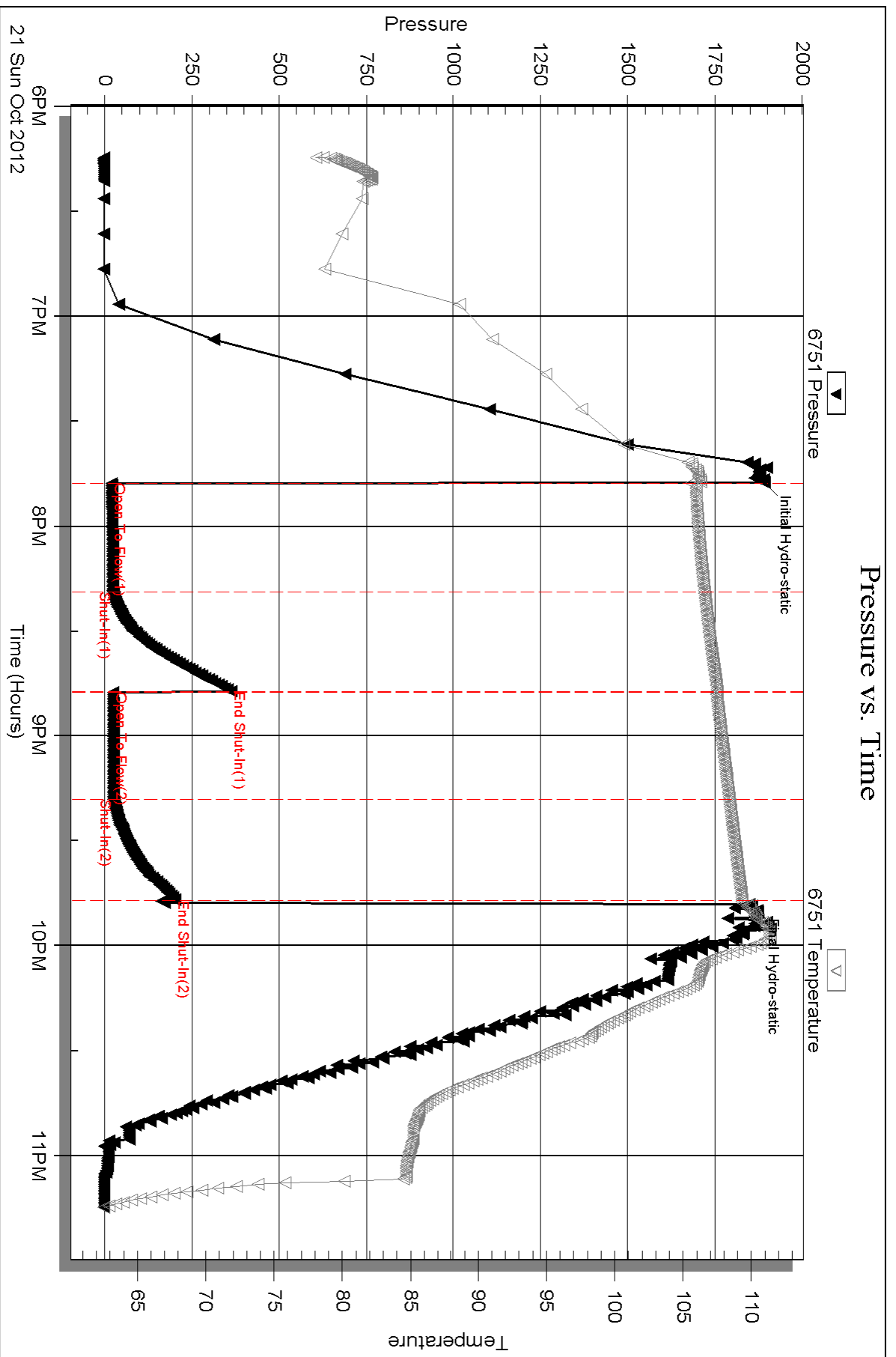
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.57 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

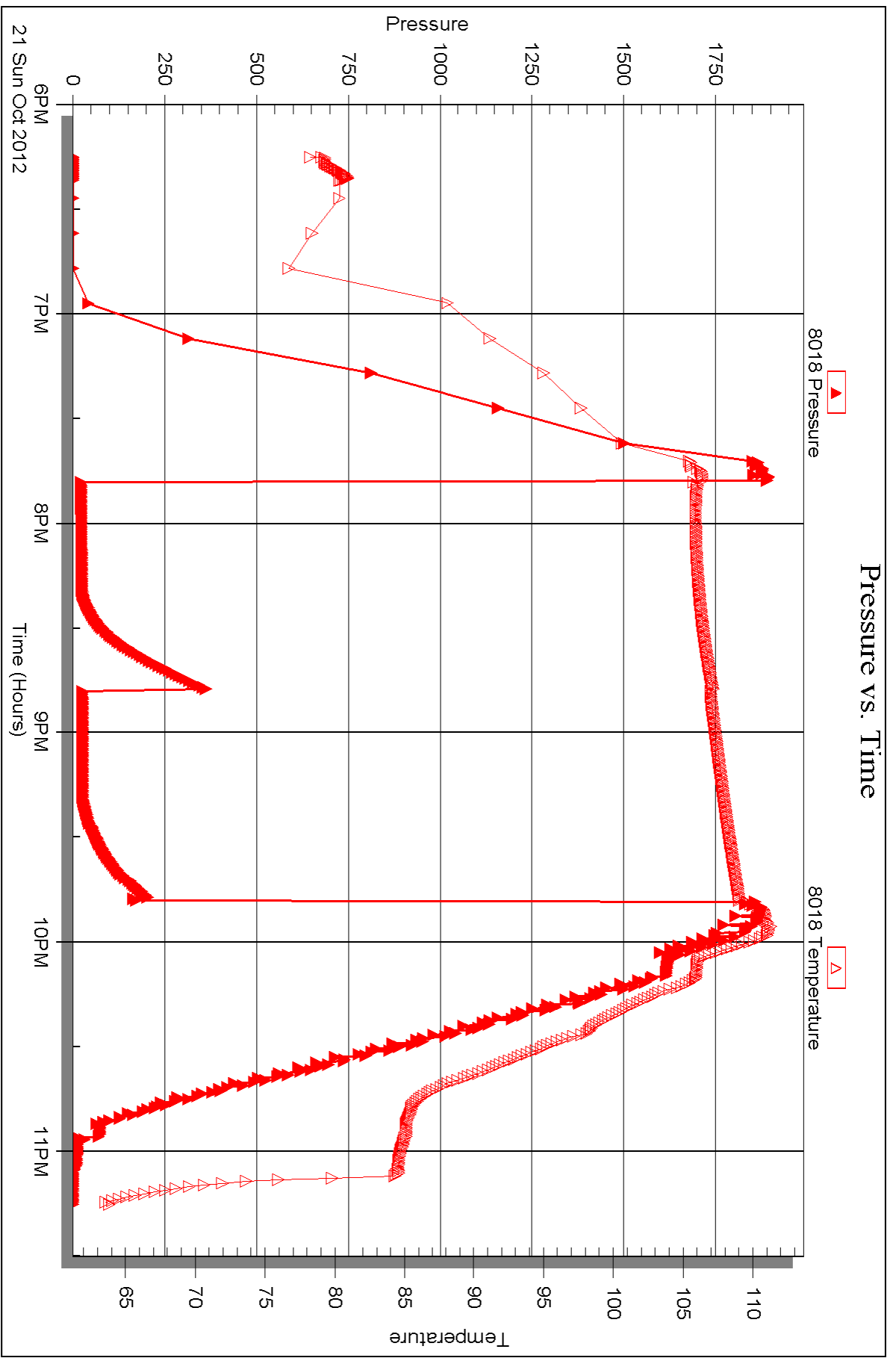
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% M	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:







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th ST
Newton KS 67114

ATTN: Ryan Seib

18-1 #1

18-15s-25w Trego KS

Start Date: 2012.10.22 @ 08:30:28

End Date: 2012.10.22 @ 13:40:43

Job Ticket #: 48470 DST #: 3

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

Printed: 2012.10.25 @ 14:54:55



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th ST
 New ton KS 67114
 ATTN: Ryan Seib

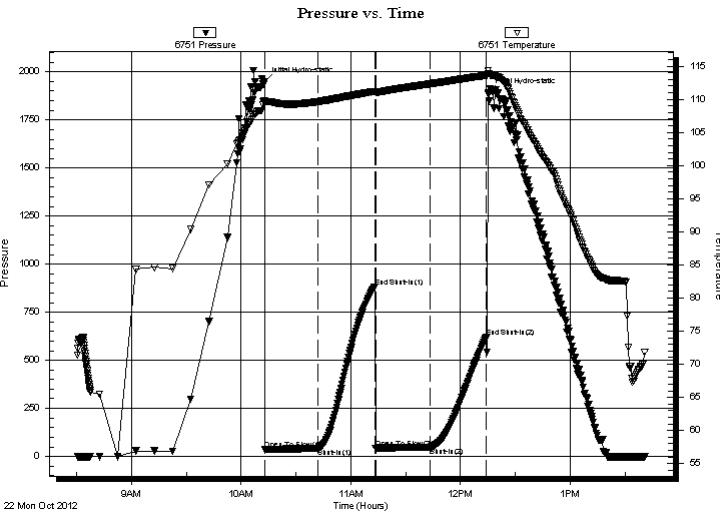
18-15s-25w Trego KS
18-1 #1
 Job Ticket: 48470 **DST#: 3**
 Test Start: 2012.10.22 @ 08:30:28

GENERAL INFORMATION:

Formation: **Lansing**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:12:58
 Time Test Ended: 13:40:43
Interval: 3965.00 ft (KB) To 4030.00 ft (KB) (TVD)
 Total Depth: 4030.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tate Lang
 Unit No: 62
 Reference Elevations: 2426.00 ft (KB)
 2421.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6751 Outside
 Press @ Run Depth: 47.58 psig @ 3970.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.22 End Date: 2012.10.22 Last Calib.: 2012.10.22
 Start Time: 08:30:33 End Time: 13:40:42 Time On Btm: 2012.10.22 @ 10:12:43
 Time Off Btm: 2012.10.22 @ 12:14:58

TEST COMMENT: IF-Weak Surface Blow Built to 3/4in.
 ISI-Dead no return
 FF-Dead no blow
 FSI-Dead no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1949.25	109.81	Initial Hydro-static
1	35.02	109.41	Open To Flow (1)
30	41.56	109.63	Shut-In(1)
61	881.18	111.20	End Shut-In(1)
61	43.73	110.97	Open To Flow (2)
91	47.58	112.33	Shut-In(2)
122	622.18	113.61	End Shut-In(2)
123	1892.19	114.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100% M with oil spots	0.05

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th ST
 New ton KS 67114
 ATTN: Ryan Seib

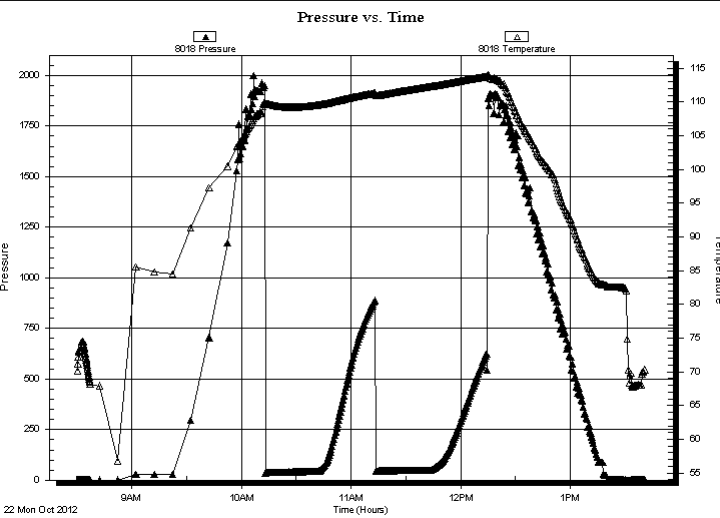
18-15s-25w Trego KS
18-1 #1
 Job Ticket: 48470 **DST#: 3**
 Test Start: 2012.10.22 @ 08:30:28

GENERAL INFORMATION:

Formation: **Lansing**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:12:58
 Time Test Ended: 13:40:43
Interval: 3965.00 ft (KB) To 4030.00 ft (KB) (TVD)
 Total Depth: 4030.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Tate Lang
 Unit No: 62
 Reference Elevations: 2426.00 ft (KB)
 2421.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8018 **Inside**
 Press @ Run Depth: psig @ 3970.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.22 End Date: 2012.10.22 Last Calib.: 2012.10.22
 Start Time: 08:30:28 End Time: 13:40:37 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-Weak Surface Blow Built to 3/4in.
 IS-Dead no return
 FF-Dead no blow
 FS-Dead no return



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

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	100% M with oil spots	0.05

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48470 **DST#: 3**
Test Start: 2012.10.22 @ 08:30:28

Tool Information

Drill Pipe:	Length: 3827.00 ft	Diameter: 3.80 inches	Volume: 53.68 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:	20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 54.30 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.50 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	3965.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	65.00 ft				
Tool Length:	87.50 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3943.50	
Shut In Tool	5.00			3948.50	
Hydraulic tool	5.00			3953.50	
Safety Joint	2.50			3956.00	
Packer	5.00			3961.00	22.50 Bottom Of Top Packer
Packer	4.00			3965.00	
Stubb	1.00			3966.00	
Perforations	4.00			3970.00	
Recorder	0.00	8018	Inside	3970.00	
Recorder	0.00	6751	Outside	3970.00	
Change Over Sub	1.00			3971.00	
Drill Pipe	32.00			4003.00	
Change Over Sub	1.00			4004.00	
Perforations	23.00			4027.00	
Bullnose	3.00			4030.00	65.00 Bottom Packers & Anchor

Total Tool Length: 87.50



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48470 **DST#: 3**
Test Start: 2012.10.22 @ 08:30:28

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 25000.00 ppm			
Filter Cake: 1.00 inches			

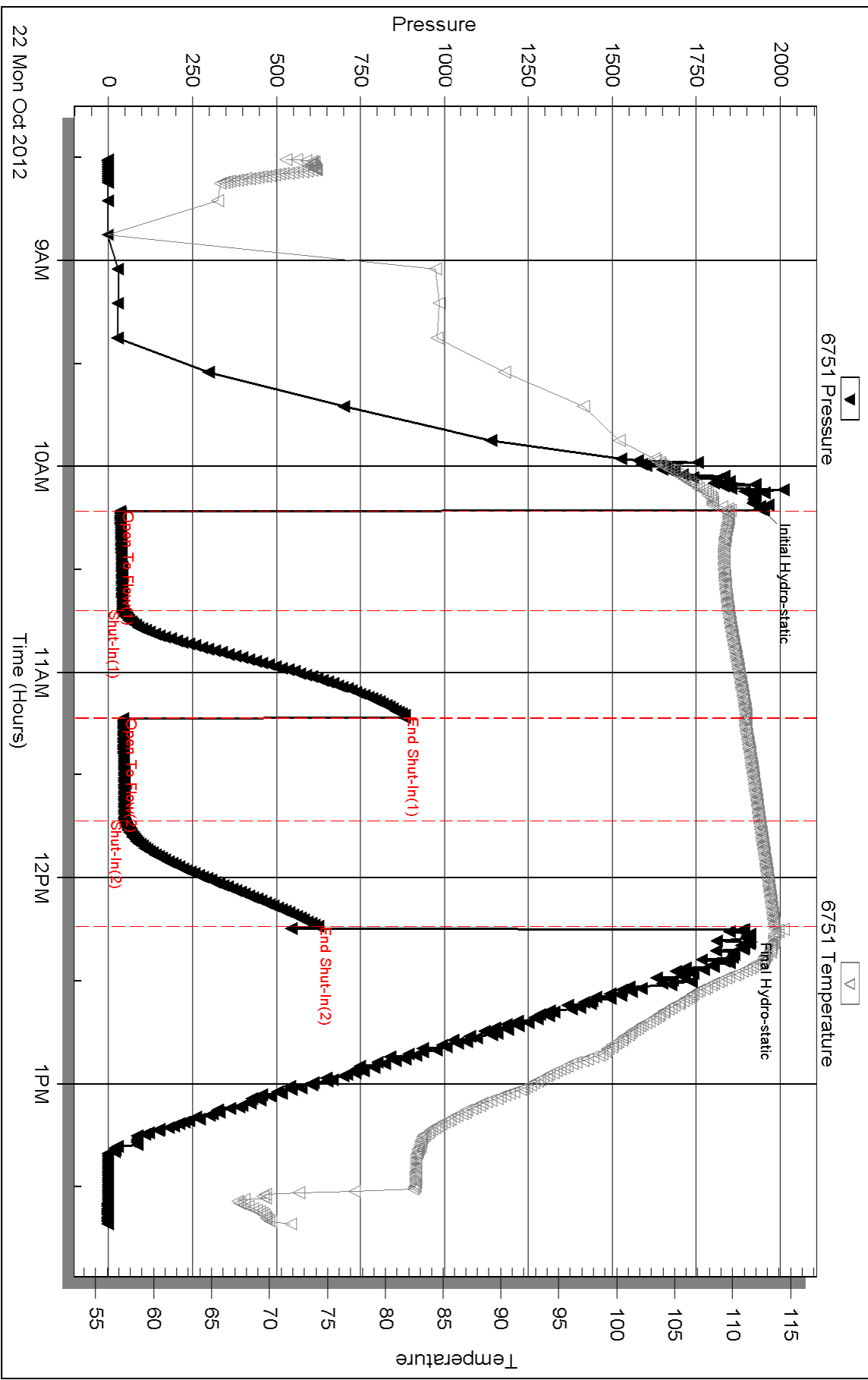
Recovery Information

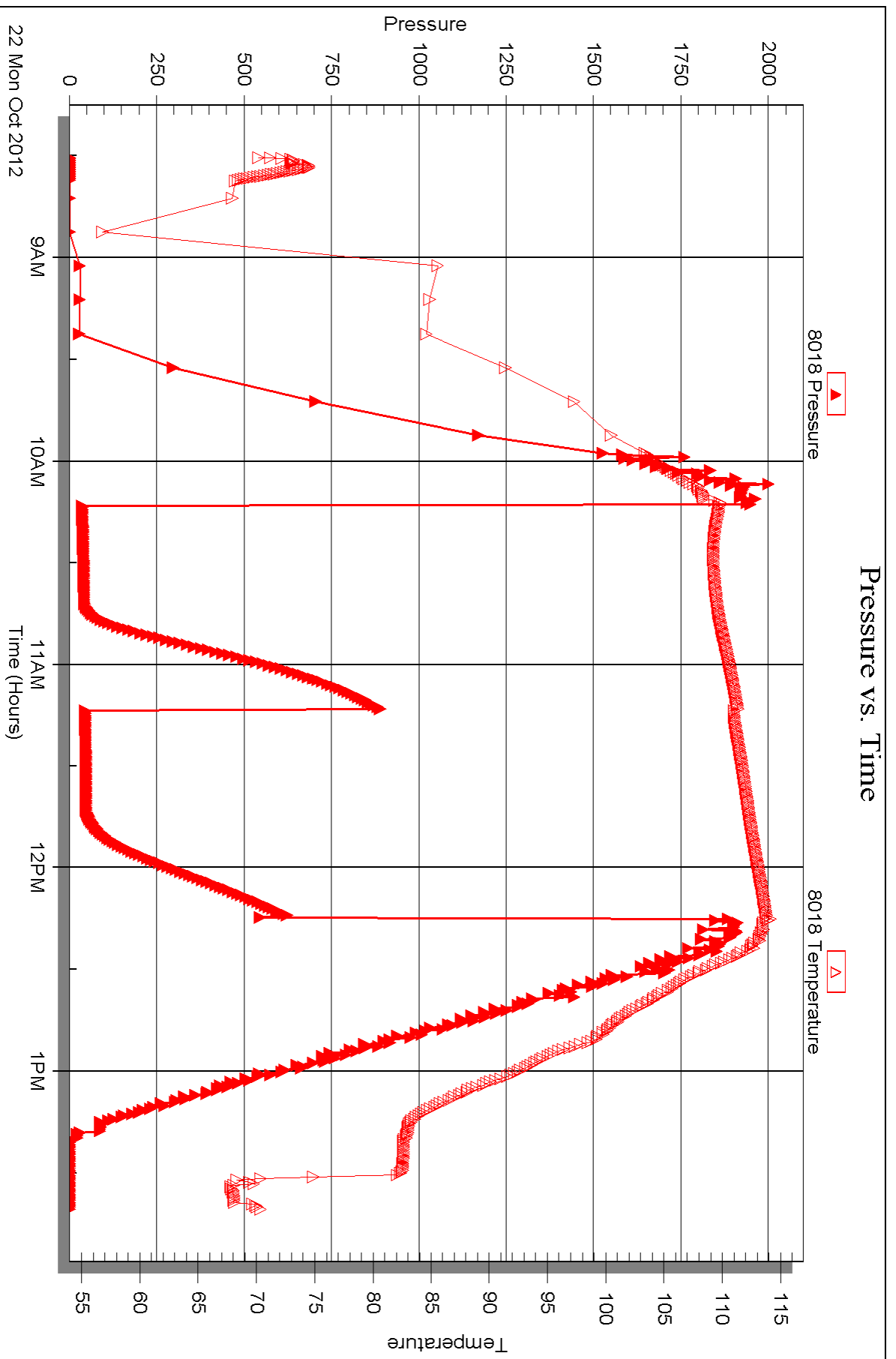
Recovery Table

Length ft	Description	Volume bbl
10.00	100% M w ith oil spots	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:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th ST
Newton KS 67114

ATTN: Ryan Seib

18-1 #1

18-15s-25w Trego KS

Start Date: 2012.10.23 @ 11:13:00

End Date: 2012.10.23 @ 17:23:30

Job Ticket #: 48471 DST #: 4

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

Printed: 2012.10.25 @ 14:54:13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48471 **DST#: 4**
Test Start: 2012.10.23 @ 11:13:00

Tool Information

Drill Pipe:	Length: 4072.00 ft	Diameter: 3.80 inches	Volume: 57.12 bbl	Tool Weight:	2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 126.00 ft	Diameter: 2.25 inches	Volume: 0.62 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 57.74 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.50 ft			String Weight: Initial	66000.00 lb
Depth to Top Packer:	4195.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	65.00 ft				
Tool Length:	92.50 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4168.50	
Shut In Tool	5.00			4173.50	
Hydraulic tool	5.00			4178.50	
Jars	5.00			4183.50	
Safety Joint	2.50			4186.00	
Packer	5.00			4191.00	27.50 Bottom Of Top Packer
Packer	4.00			4195.00	
Stubb	1.00			4196.00	
Perforations	3.00			4199.00	
Recorder	0.00	8018	Inside	4199.00	
Recorder	0.00	6751	Outside	4199.00	
Perforations	25.00			4224.00	
Change Over Sub	1.00			4225.00	
Drill Pipe	31.00			4256.00	
Change Over Sub	1.00			4257.00	
Bullnose	3.00			4260.00	65.00 Bottom Packers & Anchor
Total Tool Length:	92.50				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48471 **DST#: 4**
Test Start: 2012.10.23 @ 11:13:00

Mud and Cushion Information

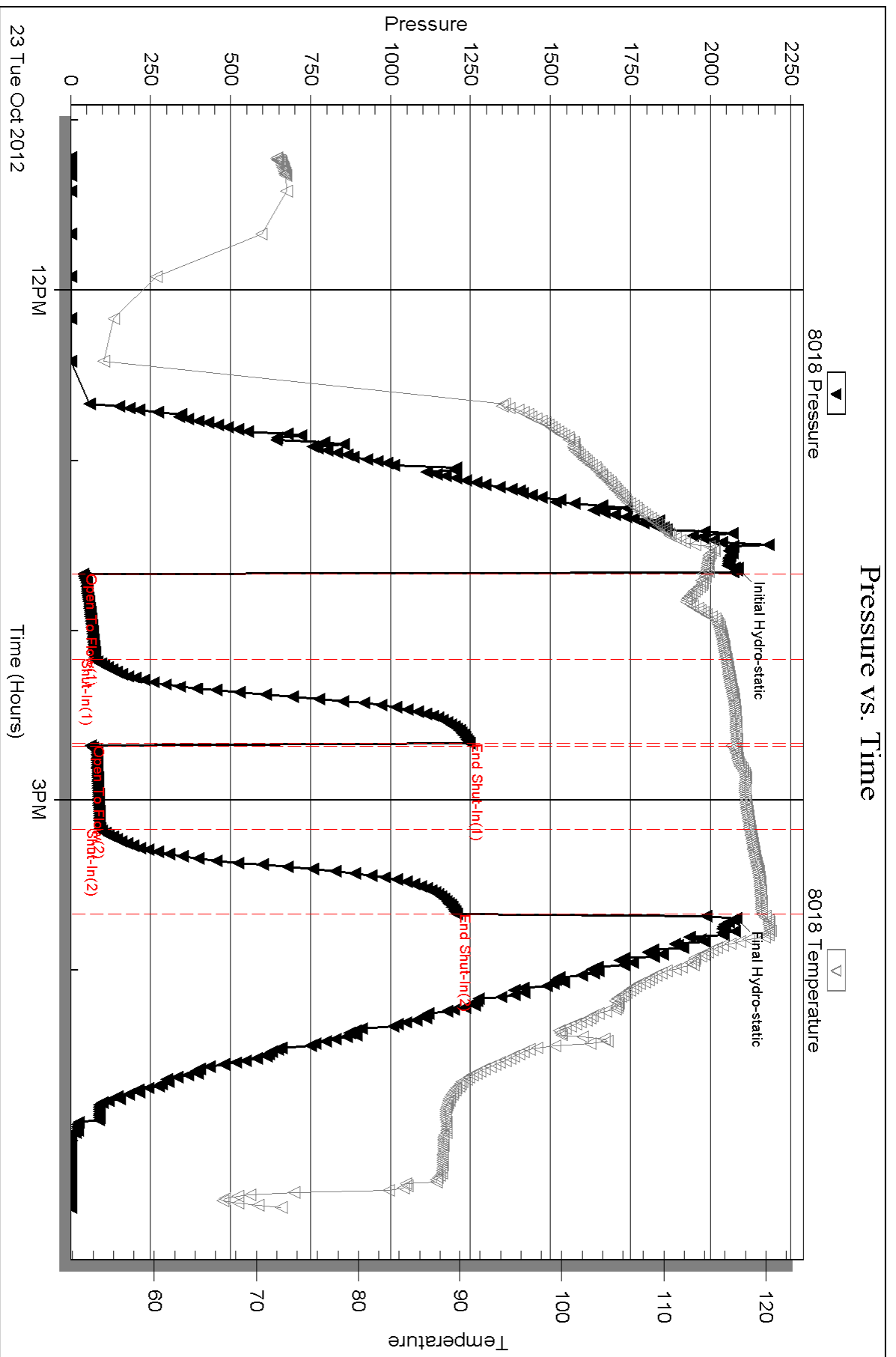
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GOCM 40g 25o 35m	0.305
62.00	GOC 10g 10o 80m	0.305
31.00	OCM 2o 98m	0.417
0.00	420' GIP	0.000

Total Length: 155.00 ft Total Volume: 1.027 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

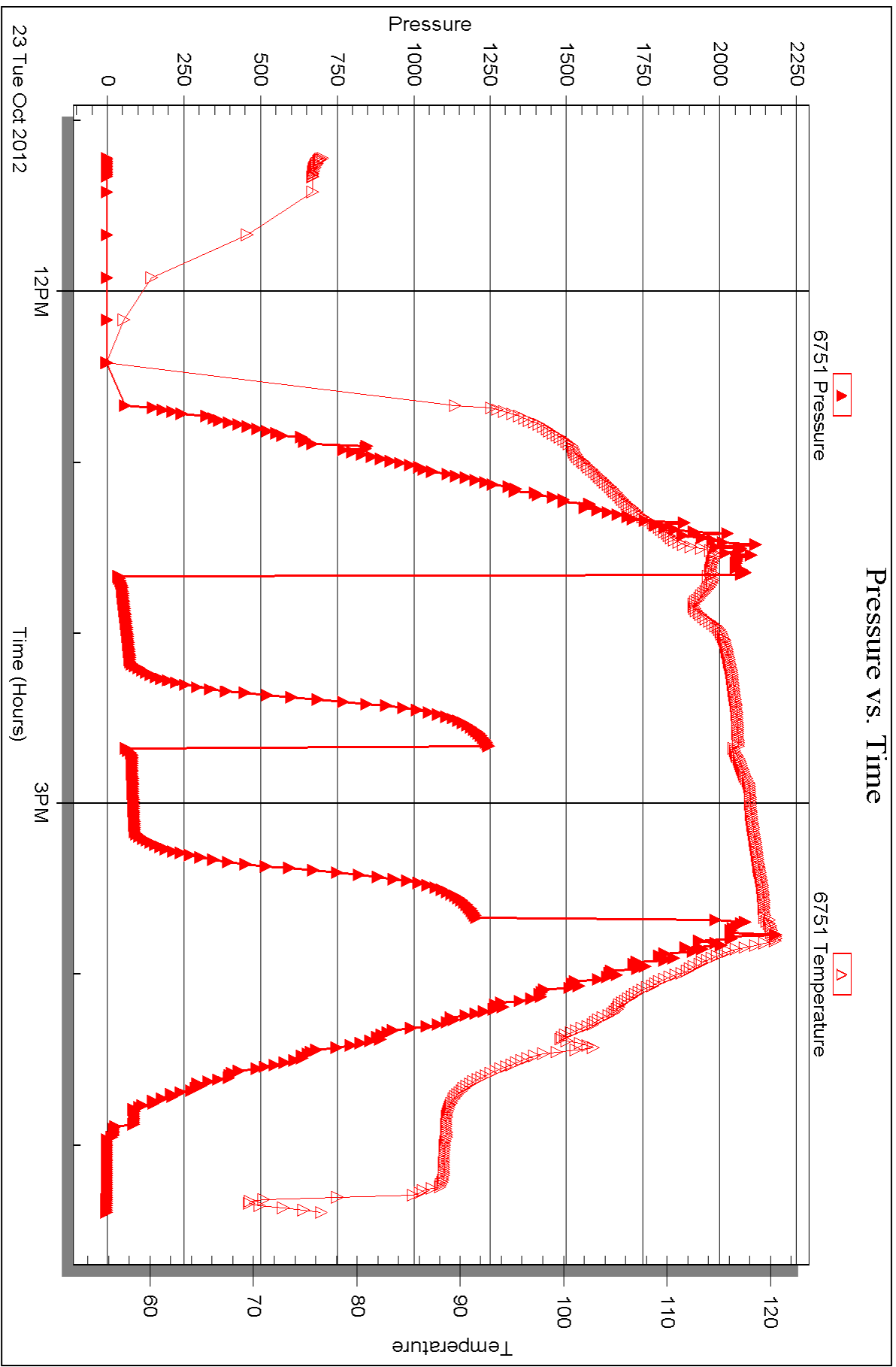


Serial #: 6751

Outside Palomino Petroleum

18-1 #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th ST
Newton KS 67114

ATTN: Ryan Seib

18-1 #1

18-15s-25w Trego KS

Start Date: 2012.10.24 @ 02:20:00

End Date: 2012.10.24 @ 08:46:00

Job Ticket #: 48472 DST #: 5

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

Printed: 2012.10.25 @ 14:53:18



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th ST
 Newton KS 67114
 ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
 Job Ticket: 48472 **DST#: 5**
 Test Start: 2012.10.24 @ 02:20:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:00:15
 Time Test Ended: 08:46:00
 Interval: **4275.00 ft (KB) To 4341.00 ft (KB) (TVD)**
 Total Depth: 4341.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2426.00 ft (KB)
 2421.00 ft (CF)
 KB to GR/CF: 5.00 ft

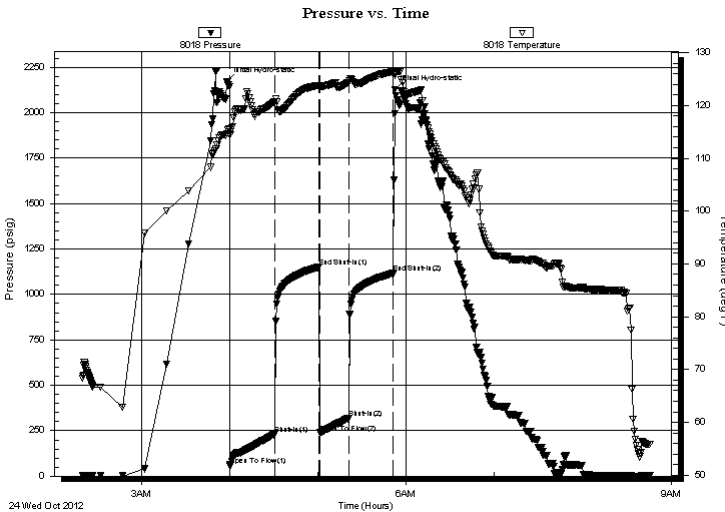
Serial #: 8018

Inside

Press @ Run Depth: 319.04 psig @ 4279.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.24 End Date: 2012.10.24 Last Calib.: 2012.10.24
 Start Time: 02:20:05 End Time: 08:45:59 Time On Btm: 2012.10.24 @ 03:58:15
 Time Off Btm: 2012.10.24 @ 05:52:30

TEST COMMENT: B.O.B. @ 6 min.
 4" Return.
 B.O.B. @ 8 min.
 1" Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2172.46	114.67	Initial Hydro-static
2	57.70	114.43	Open To Flow (1)
33	231.82	120.82	Shut-In(1)
63	1150.39	123.81	End Shut-In(1)
63	238.48	123.52	Open To Flow (2)
83	319.04	124.35	Shut-In(2)
113	1116.14	126.39	End Shut-In(2)
115	2125.38	125.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCM 15g 15o 70m	0.61
248.00	GO 15g 85o	3.48
403.00	GO 50g 50o	5.65
0.00	248' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum
 4924 SE 84th ST
 New ton KS 67114
 ATTN: Ryan Seib

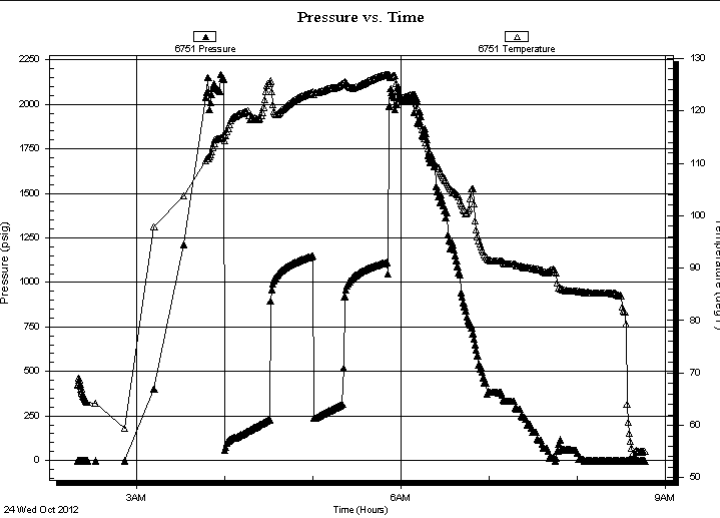
18-15s-25w Trego KS
18-1 #1
 Job Ticket: 48472 **DST#: 5**
 Test Start: 2012.10.24 @ 02:20:00

GENERAL INFORMATION:

Formation: **Mississippian**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:00:15
 Time Test Ended: 08:46:00
 Interval: **4275.00 ft (KB) To 4341.00 ft (KB) (TVD)**
 Total Depth: 4341.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Smith
 Unit No: 62
 Reference Elevations: 2426.00 ft (KB)
 2421.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6751 Outside
 Press @ Run Depth: psig @ 4279.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.24 End Date: 2012.10.24 Last Calib.: 2012.10.24
 Start Time: 02:20:05 End Time: 08:45:36 Time On Btm:
 Time Off Btm:

TEST COMMENT: B.O.B. @ 6 min.
 4" Return.
 B.O.B. @ 8 min.
 1" Return.



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

Recovery		
Length (ft)	Description	Volume (bbl)
124.00	GOCM 15g 15o 70m	0.61
248.00	GO 15g 85o	3.48
403.00	GO 50g 50o	5.65
0.00	248' GIP	0.00

* 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
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48472 **DST#: 5**
Test Start: 2012.10.24 @ 02:20:00

Tool Information

Drill Pipe:	Length: 4137.00 ft	Diameter: 3.80 inches	Volume: 58.03 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 58.64 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	13.50 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	4275.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	66.00 ft			
Tool Length:	93.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Change Over Sub	1.00			4248.50	
Shut In Tool	5.00			4253.50	
Hydraulic tool	5.00			4258.50	
Jars	5.00			4263.50	
Safety Joint	2.50			4266.00	
Packer	5.00			4271.00	27.50 Bottom Of Top Packer
Packer	4.00			4275.00	
Stubb	1.00			4276.00	
Perforations	3.00			4279.00	
Recorder	0.00	8018	Inside	4279.00	
Recorder	0.00	6751	Outside	4279.00	
Perforations	26.00			4305.00	
Change Over Sub	1.00			4306.00	
Drill Pipe	31.00			4337.00	
Change Over Sub	1.00			4338.00	
Bullnose	3.00			4341.00	66.00 Bottom Packers & Anchor
Total Tool Length:	93.50				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th ST
New ton KS 67114
ATTN: Ryan Seib

18-15s-25w Trego KS
18-1 #1
Job Ticket: 48472 **DST#: 5**
Test Start: 2012.10.24 @ 02:20:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.56 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

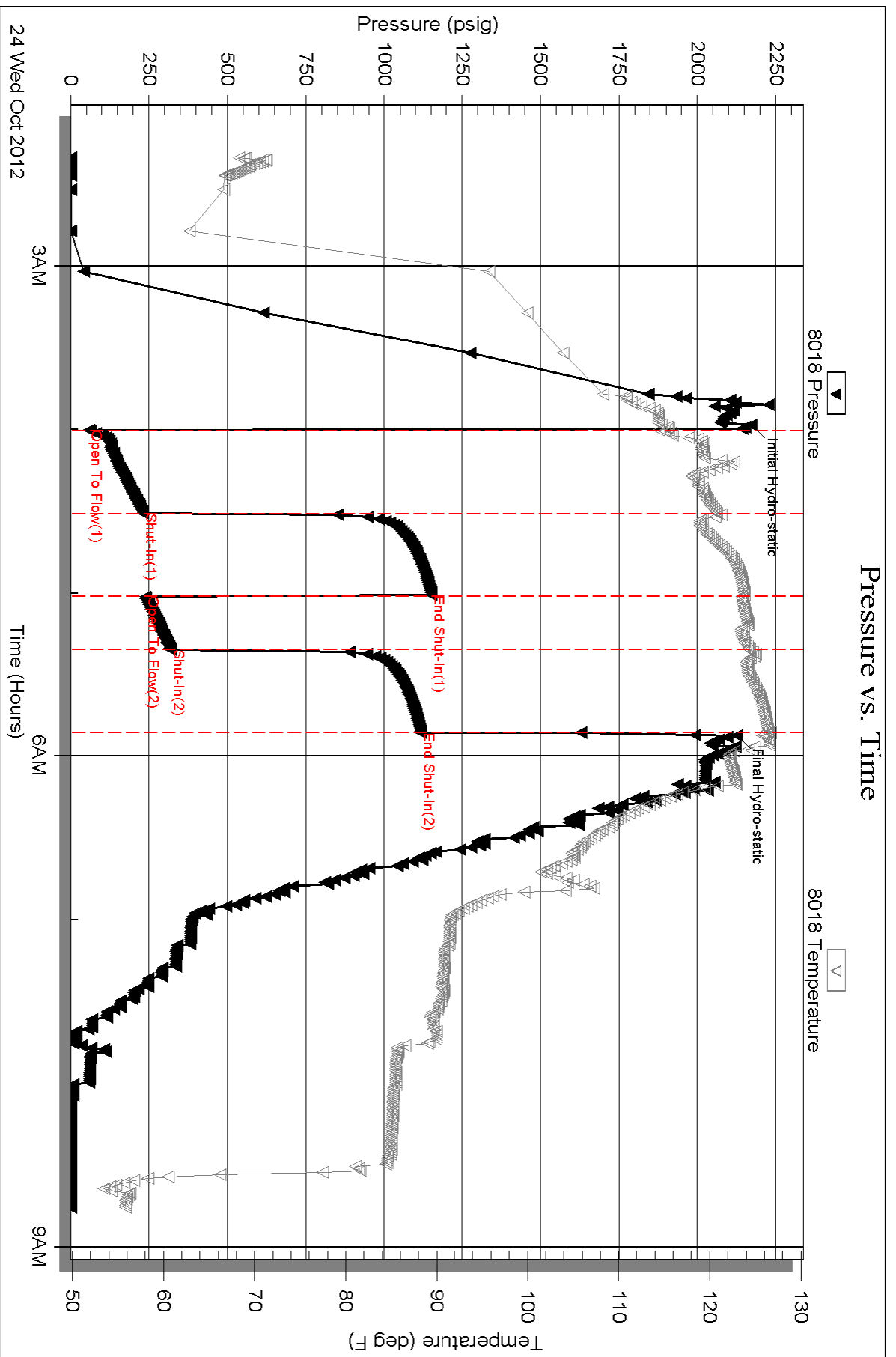
Length ft	Description	Volume bbl
124.00	GOCM 15g 15o 70m	0.610
248.00	GO 15g 85o	3.479
403.00	GO 50g 50o	5.653
0.00	248' GIP	0.000

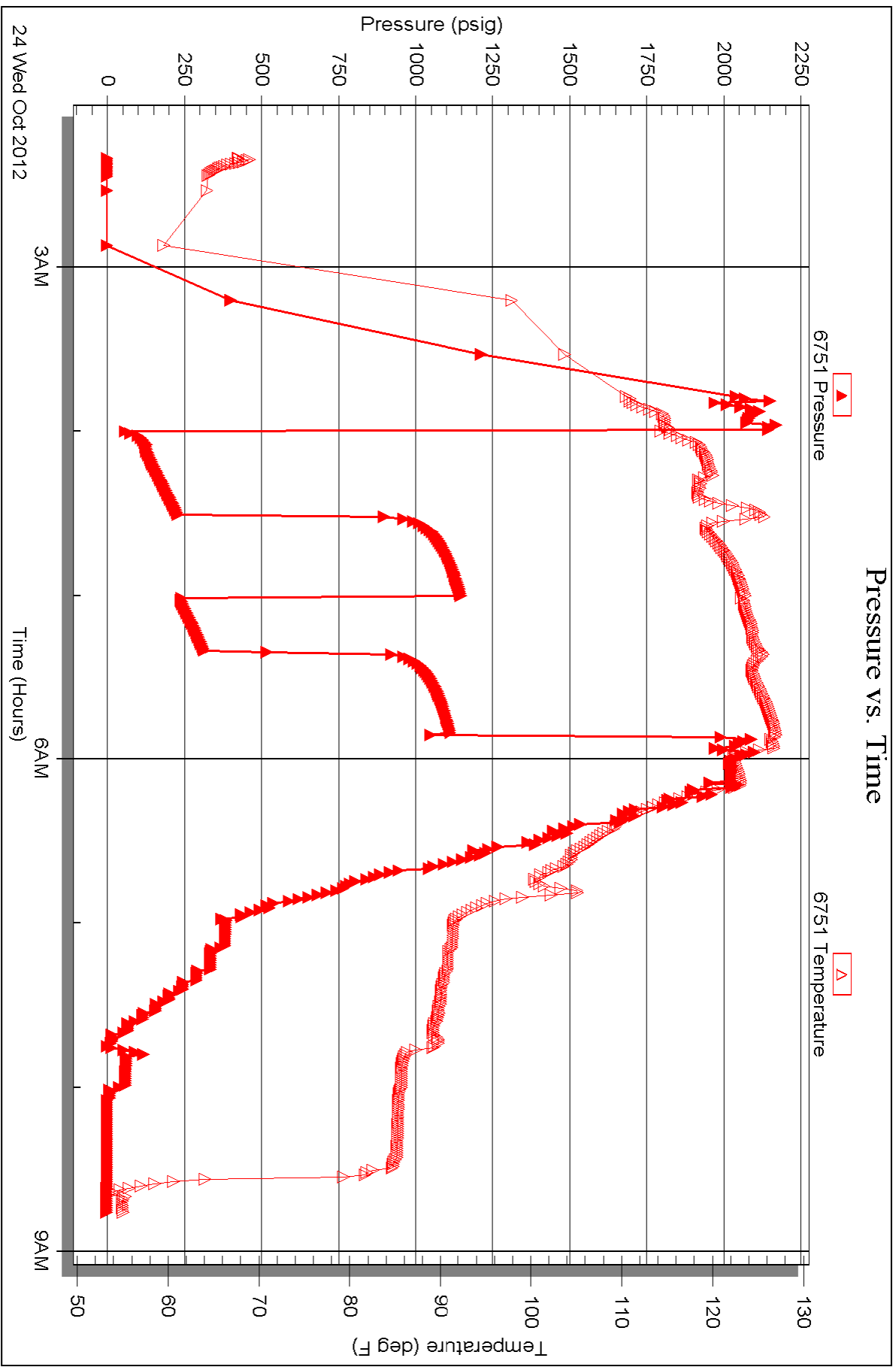
Total Length: 775.00 ft Total Volume: 9.742 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: API: 39 @ 60 Degrees F = 39.







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48468

Well Name & No. 1-18 #1 Test No. 1 Date 10-21-12
 Company Palomino Petroleum Elevation 2426 KB 2421 GL
 Address 4924 SE 84th ST Newton KS, 67114
 Co. Rep / Geo. Ryan Scib Rig WW Rig #10
 Location: Sec. 18 Twp. 15S Rge. 25W Co. Trego State KS

Interval Tested 3880-3949 Zone Tested Loring
 Anchor Length 69 Drill Pipe Run 3759 Mud Wt. 9.0
 Top Packer Depth 3876 Drill Collars Run 126 Vis 54
 Bottom Packer Depth 3880 Wt. Pipe Run 0 WL 716
 Total Depth 3949 Chlorides 1200 ppm System LCM 2#

Blow Description IF - Weak surface Built to 1/4 in. and stayed
ISF - Dead no return.
FP - Dead No Blow
FSI - Dead No Return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>20'</u>	Feet of <u>Mud Few oil spots</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1860 Test 1150 T-On Location 7:13
 (B) First Initial Flow 17 Jars 250 T-Started 7:45
 (C) First Final Flow 26 Safety Joint 75 T-Open 9:07
 (D) Initial Shut-In 1087 Circ Sub N/C T-Pulled 11:07
 (E) Second Initial Flow 28 Hourly Standby _____ T-Out 12:23
 (F) Second Final Flow 33 Mileage 124 RT 192.20 Comments _____
 (G) Final Shut-In 963 Sampler _____
 (H) Final Hydrostatic 1852 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In 30 Sub Total 0
 Total 1667.20
 MP/DST Disc't _____

Sub Total 1667.20

Approved By _____ 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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48469

Well Name & No. 1-18 #1 Test No. 2 Date 10-21-12
 Company Palomino Petroleum Elevation 2426 KB 2421 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig WW Rig #70
 Location: Sec. 18 Twp. 15S Rge. 25W Co. Trego State KS

Interval Tested 3927 - 3969 Zone Tested Lansing
 Anchor Length _____ Drill Pipe Run 3795 Mud Wt. 9.0
 Top Packer Depth _____ Drill Collars Run 126 Vis 54
 Bottom Packer Depth _____ Wt. Pipe Run 0 WL 7.6
 Total Depth 3969 Chlorides 1200 ppm System LCM 2#
 Blow Description IF - Weak Surface Blow Built to 1/4 in.
ISI - Dead No Return
FF - Dead No Blow
FSI - Dead No Return

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>5</u>	Feet of <u>mud</u>	%gas	%oil	%water	<u>100</u> %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

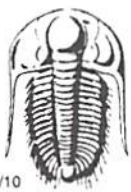
(A) Initial Hydrostatic 1891 Test 1150 T-On Location 17:57
 (B) First Initial Flow 21 Jars 250 T-Started 18:14
 (C) First Final Flow 24 Safety Joint 75 T-Open 19:47
 (D) Initial Shut-In 362 Circ Sub N/C T-Pulled 21:47
 (E) Second Initial Flow 24 Hourly Standby T-Out 23:15
 (F) Second Final Flow 26 Mileage 124 R/T 192.20 Comments _____
 (G) Final Shut-In 202 Sampler _____
 (H) Final Hydrostatic 1856 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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

Sub Total 1667.20
 Total 1667.20
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48470

Well Name & No. 1-18 #1 Test No. 3 Date 10-22-12
 Company Palomino Petroleum Elevation 2426 KB 2421 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig WW Rig #10
 Location: Sec. 18 Twp. 155 Rge. 25w Co. Trego State KS

Interval Tested 3965 - 4030 Zone Tested Lansing
 Anchor Length 65 Drill Pipe Run 3827 Mud Wt. 9.2
 Top Packer Depth 3965 Drill Collars Run 126 Vis 46
 Bottom Packer Depth 3965 Wt. Pipe Run 0 WL 7.8
 Total Depth 4030 Chlorides 2500 ppm System LCM 2nd
 Blow Description ZF - Weak surface Blow Built to 3/4 in
ISI - Dead No Return
FF - Dead No Blow
FST - Dead No Return

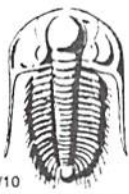
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>10</u>	Feet of <u>Mud with Oil Spots</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 114 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>1949</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>7:20</u>
(B) First Initial Flow <u>35</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>8:30</u>
(C) First Final Flow <u>42</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>10:12</u>
(D) Initial Shut-In <u>881</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>12:12</u>
(E) Second Initial Flow <u>44</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>13:40</u>
(F) Second Final Flow <u>48</u>	<input checked="" type="checkbox"/> Mileage <u>124 R/T</u> 192.20	Comments _____
(G) Final Shut-In <u>622</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>1892</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Total <u>1767.20</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total <u>1767.20</u>	

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48471

Well Name & No. 1-18 #1 Test No. 4 Date 10-23-12
 Company Palomino Petroleum Elevation 2426 KB 2421 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Ryan Scib Rig WW #10
 Location: Sec. 18 Twp. 15s Rge. 25w Co. Trego State KS

Interval Tested 4195-4260 Zone Tested Ft. Scott
 Anchor Length 65 Drill Pipe Run 4072 Mud Wt. 9.3
 Top Packer Depth 4191 Drill Collars Run 126 Vis 47
 Bottom Packer Depth 4195 Wt. Pipe Run 0 WL 6.4
 Total Depth 4260 Chlorides 2900 ppm System LCM 1#
 Blow Description B.O.B. @ 21 min
No return.
B.O.B. @ 10 min.
Weak surface return.

Rec	Feet of	%gas	%oil	%water	%mud
31	OCM		2		98
62	GOCM	10	10		80
62	GOCM	40	25		35
	420' GIP				

Rec Total 155 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

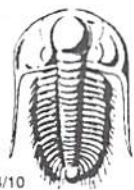
(A) Initial Hydrostatic 2085 Test 1250 T-On Location 9:30
 (B) First Initial Flow 39 Jars 250 T-Started 11:13
 (C) First Final Flow 77 Safety Joint 75 T-Open 13:40
 (D) Initial Shut-In 1246 Circ Sub NIC T-Pulled 15:40
 (E) Second Initial Flow 62 Hourly Standby _____ T-Out 17:24
 (F) Second Final Flow 92 Mileage 124RT 192.20 Comments _____
 (G) Final Shut-In 1208 Sampler _____
 (H) Final Hydrostatic 2079 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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

Sub Total 1767.20
 Total 1767.20
 MP/DST Disc't _____

Approved By _____ Our Representative Chuck Smith

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.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48472

Well Name & No. 1-18#1 Test No. 5 Date 10-24-12
 Company Palomino Petroleum Elevation 2426 KB 2421 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Ryan Scib Rig WW#10
 Location: Sec. 18 Twp. 15s Rge. 25w Co. Trego State KS

Interval Tested 4275-4341 Zone Tested Mississippian
 Anchor Length 66 Drill Pipe Run 4137 Mud Wt. 9.3
 Top Packer Depth 4271 Drill Collars Run 124 Vis 54
 Bottom Packer Depth 4275 Wt. Pipe Run 0 WL 6.4
 Total Depth 4341 Chlorides 2900 ppm System LCM 1"
 Blow Description B.O.B. @ 6 min
4" Return.
B.O.B. @ 8 min
1" Return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>403</u>	Feet of <u>60</u>	<u>50</u> %gas	<u>50</u> %oil	%water	%mud
Rec <u>248</u>	Feet of <u>60</u>	<u>15</u> %gas	<u>85</u> %oil	%water	%mud
Rec <u>124</u>	Feet of <u>60CM</u>	<u>15</u> %gas	<u>15</u> %oil	%water	<u>70</u> %mud
Rec	Feet of <u>248' G-IP</u>	%gas	%oil	%water	%mud

Rec Total 775 BHT 126 Gravity 39 API RW @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 2172 Test 1250 T-On Location 2:15
 (B) First Initial Flow 58 Jars 250 T-Started 2:20
 (C) First Final Flow 232 Safety Joint 75 T-Open 4:00
 (D) Initial Shut-In 11:50 Circ Sub _____ T-Pulled 5:51
 (E) Second Initial Flow 238 Hourly Standby _____ T-Out 8:46
 (F) Second Final Flow 319 Mileage 124 RT x 2 364.40 Comments _____
 (G) Final Shut-In 11:16 Sampler _____ Picked up tool 14:30
 (H) Final Hydrostatic 2125 Straddle _____ No test
 Ruined Shale Packer _____
 Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 20
 Final Shut-In 30

Sub Total 1959.40 MP/DST Disc't _____

Approved By _____ Our Representative Chuck Smith

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