



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED
JUL 10 2015

MAIN OFFICE

P.O.Box884
Chanute, KS 66720
620/431-9210, 1-800/467-8676
Fax 620/431-0012

Invoice

Invoice#

804840

Invoice Date: 07/07/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

TL SWART UNIT #1

Tax: 216.12

Total: 4,325.73



CONSOLIDATED
Oil Well Services, LLC

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

3417
3330
Invoice # 804840

**FIELD TICKET & TREATMENT REPORT
CEMENT**

TICKET NUMBER 47980
LOCATION Oakley ks
FOREMAN Cory D. [initials]
Kelly G.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
7/6/15	6285	TL Swart Unit #1	17	14S	30W	Gora	
CUSTOMER <u>Palomino</u>		MAILING ADDRESS		CITY		STATE	ZIP CODE
TRUCK #		DRIVER		TRUCK #		DRIVER	
731		Jeremy R.		2.5hr			
693		Keith C.		2.5hr			

GOV RD
E to Chan
S to well
E 1/2 mil.
N into

JOB TYPE Surface HOLE SIZE 12 1/2 HOLE DEPTH 218 CASING SIZE & WEIGHT 2 3/4" 8 5/8
CASING DEPTH 218 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT 12.6 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting - rig up on WW 8 - Run casing - Break circulation with rig Pump - Hook up to pvm p truck mix 165 con 3% cel 2% gel - wash up and Displace 12 1/2 BBL Water shut in rig down

Cement Did circ.

Aprox 800L to pit

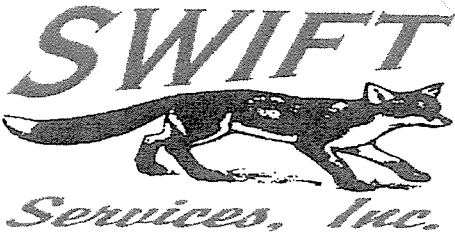
Thanks Cory D. & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1,500. ⁰⁰	1,500. ⁰⁰
CE0002	25	MILEAGE	7.15	178.75
CE0711		Min-Cement Delivery	1.75	660. ⁰⁰
CE5871	165	Surface Blend 2 (11) 2% gel 3% cel	23. ⁰⁰	3,795. ⁰⁰
			sub total	6,133.75
			33% less	2,024.14
			sub total	4,109.61
			SALES TAX	216.12
			ESTIMATED TOTAL	4,325.73

Ravin 3737

AUTHORIZATION _____ TITLE _____ DATE _____

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.



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



Invoice

DATE	INVOICE #
7/15/2015	28572

RECEIVED

JUL 23 2015

- Acidizing
- Cement
- Tool Rental

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

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	T.L. Swart	Gove	WW Drilling	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				65	Miles	5.00	325.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
403-5	5 1/2" Cement Basket				1	Each	250.00	250.00T
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
409-5	5 1/2" Turbolizer				12	Each	75.00	900.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.75	1,968.75T
325	Standard Cement				100	Sacks	12.25	1,225.00T
284	Calseal				5	Sack(s)	30.00	150.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				150	Lb(s)	4.50	675.00T
276	Flocele				75	Lb(s)	2.25	168.75T
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)	42.00	84.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				745.06	Ton Miles	0.75	558.80
	Subtotal							11,942.80
	Sales Tax Gove County						8.50%	805.08

We Appreciate Your Business!

Total

\$12,747.88



Services, Inc.

CHARGE TO: Palawins Petroleum
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 28572

WELL/PROJECT NO. #1
 LEASE T.L. Swart
 COUNTY/PARISH Gove
 RIG NAME/NO. 8

STATE KS CITY Gove
 SHIPPED BY ST
 DELIVERED TO location
 WELL PERMIT NO.
 DATE 15 Nov 15
 ORDER NO.
 OWNER

PAGE 1 OF 2

1. SERVICE LOCATIONS Lead City KS

2. TICKET TYPE SERVICE SALES

3. WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Cement long string

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT							
575				MILEAGE TRR 114	65	mi			500	32500
578				Pump Charge	1	ea			1250	125000
403				Cement Basket	53	in			250	13250
404				Port Collar	52	in			2500	130000
406				Latch down Plug & bottle	52	in			225	11700
407				1 mgal float shoe w/ auto fill	52	in			300	15600
409				Turbolizer	52	in			7500	390000
419				Rotative head Rental	52	in			200	10400

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 CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

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

SURETY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	506 to 1
				5950
				59921
				11947
				80508
				12,747.88

DATE SIGNED [Signature] TIME SIGNED 0615

AM
 PM

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES

SWIFT OPERATOR [Signature] APPROVAL [Signature]

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. 28572

CUSTOMER Palomino Petroleum

WELL T2 Sweet unit #1

DATE 15 Jul 15 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M		
330						SWD cement	125	sk			15.75	1968.75
325						SPREAD cement (for 34-25)	100	sk			12.25	1225.00
284						calseal	500	lb	5	sk	30.00	1500.00
283						salt	500	lb			0.20	100.00
285						CFR-1	150	lb			4.50	675.00
276						Fluorob	75	lb			2.25	168.75
281						MudFlush	500	gal			1.05	625.00
221						RCL Dioxid	4	gal			25.00	100.00
290						D-AIR	2	gal			42.00	84.00
581						SERVICE CHARGE					1.50	337.50
583						MILEAGE CHARGE					0.75	558.80
TOTAL WEIGHT 22925 LOADED MILES 65 CUBIC FEET 205 TON MILES 745.06												

CONTINUATION TOTAL 5999.80

JOB LOG

SWIFT Services, Inc.

DATE 7-9-15 PAGE NO. 1

CUSTOMER Palomares Petroleum WELL NO. #1 LEASE T.L. Swart Unit JOB TYPE cement long string TICKET NO. 28572

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 sk SMD cement w/ 1/4" Floccs
								100 sk GA-2 cement w/ 1/4" Floccs 5 1/2" x 14" casing
								TD 4595' 110 jts total pipe 4594'
								Centralizer 1, 3, 4, 6, 8, 10, 11, 12, 14, 16, 18, 56
								Post collar #57 Basket #57
								shoe 42.2
	1830							on loc TRK
	1930							start 5 1/2" x 14" casing in well
	2130							Drop ball - circulate - ROTATE
	2235	5	12				200	Pump 500 gal mix flush
		5	20				200	Pump 20 bbl KCL flush
		1 1/2	7					Plug RT 30sk
	2246	4 1/2	39				200	Mix SMD cement 95sk @ 12.7 ppg
		4 1/2	24				200	Mix GA-2 cement 100sk @ 15.3 ppg
								Drop latch down plug
								wash out pump & line
	2312	6					200	Displace plug (KCL in first 20 bbl)
		6	90				500	
		6	108				700	
	2330	6	111				1500	Land plug
								Release pressure to truck - dried up
	2335							wash truck
								Back up
	0015							job complete
								Blair, Flint, & Pearson

SWIFT



Services, Inc.

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



RECEIVED

JUL 29 2015

Invoice

DATE	INVOICE #
7/24/2015	28880

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	T.L. Swart	Gove	Express Well Serv...	Oil	Development	Cement 5-1/2" P...	David K.

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	70	Miles	5.00	350.00
576D-D	Pump Charge - Port Collar	1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)	190	Sacks	15.75	2,992.50T
276	Flocele	50	Lb(s)	2.25	112.50T
290	D-Air	2	Gallon(s)	42.00	84.00T
105	5 1/2" Port Collar Tool Rental With Man	1	Each	275.00	275.00T
581D	Service Charge Cement	250	Sacks	1.50	375.00
583D	Drayage	873.6	Ton Miles	0.75	655.20
	Subtotal				6,094.20
	Sales Tax Gove County			8.50%	294.44

We Appreciate Your Business!

Total

\$6,388.64



CHARGE TO: Polonium Petroleum
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 28880

PAGE 1 OF 1

SERVICE LOCATIONS
 1. Ness City KS WELL/PROJECT NO. #1 LEASE T.L. Swart COUNTY/PARISH Goose STATE KS CITY Goose DATE 7-24-15 OWNER Same
 2. Express Well Service CONTRACTOR RIG NAME NO. CT SHIPPED VIA CT DELIVERED TO Location ORDER NO.
 3. Oil WELL TYPE WELL CATEGORY Development JOB PURPOSE Cement 5 1/2" port collar WELL LOCATION Goose 15-103, 9wy, 11nb
 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			70	mi	5.00	350.00
576D					Pump Charge - Port Collar	1	job			1250.00	1250.00
330					5 MD Cement			140	cks	15.75	2492.50
276					Floacle			1/4	lbs	2.25	112.50
290					D-Air			2	gals	42.00	84.00
105					Port Collar Tool Rental			5 1/2	in	275.00	275.00
581					Service Charge Cement			250	cks	1.50	375.00
583					Drillage			2490	lbs	0.75	655.20

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 CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED 7-24-15 TIME SIGNED 1:00 PM

SWIFT OPERATOR David Kuehn APPROVAL

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO

WE UNDERSTOOD AND MET YOUR NEEDS? YES NO

OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 6094 20

Gov. TAX 8.5% 294.44

TOTAL 6388.64

Thank You!

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

JOB LOG

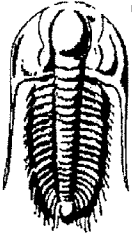
SWIFT Services, Inc.

DATE 7-24 PAGE NO.

CUSTOMER Palomino Petroleum WELL NO. #1 LEASE T.L. Surrent JOB TYPE Cement 5 1/2" Port Collar TICKET NO. 28880

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAS)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1020							on location
								P.C. 2208 2 3/8 x 5 1/2 250 sks SMD w/ 1/4" Flo
	1035	Ø	Ø			1000		Pressure Test * Hold *
								Open Port Collar
	1040	4	5			500		Injection Rate
	1050	4	105			400		mix 190 sks SMD w/ 1/4" Flo @ 11.2 Appg circulate * 20 sks to pit *
	1114	4	8			500		Displace Cement
	1120	Ø	Ø			1000		Close Port Collar Pressure Test * Hold *
								Run 5jts
	1130	3	30			400		Reverse Clean
								Wash up trucks
	1230							Job Complete

Thank You
Dave John Preston



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th ST
 Newton KS, 67114-8827
 ATTN: Ryan Seib

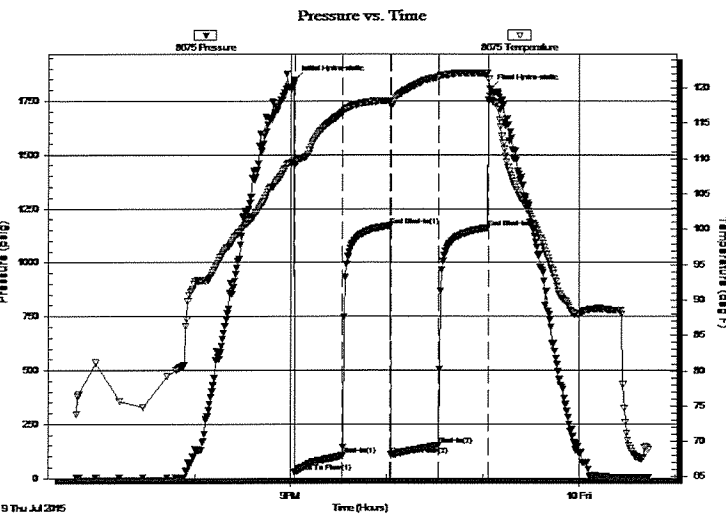
17-14s-30w Gove Co, KS
TL Swart Unit 1
 Job Ticket: 61583 **DST#: 1**
 Test Start: 2015.07.09 @ 18:45:00

GENERAL INFORMATION:

Formation: **Topeka - Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:02:15
 Time Test Ended: 00:43:00
 Interval: **3794.00 ft (KB) To 3862.00 ft (KB) (TVD)**
 Total Depth: 3862.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jace McKinney
 Unit No: 75
 Reference Elevations: 2782.00 ft (KB)
 2777.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8675 Inside
 Press@RunDepth: 153.46 psig @ 3822.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.09 End Date: 2015.07.10 Last Calib.: 2015.07.09
 Start Time: 18:45:15 End Time: 00:43:00 Time On Btm: 2015.07.09 @ 21:02:00
 Time Off Btm: 2015.07.09 @ 23:04:00

TEST COMMENT: Built to 9 1/2" blow
 No return blow
 Built to 6" blow
 No return blow



PRESSURE SUMMARY

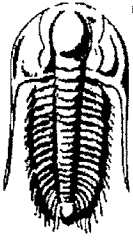
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1847.02	109.83	Initial Hydro-static
1	26.60	109.15	Open To Flow (1)
31	104.13	116.54	Shut-In(1)
60	1171.26	118.22	End Shut-In(1)
61	108.20	117.51	Open To Flow (2)
90	153.46	121.54	Shut-In(2)
121	1160.47	122.07	End Shut-In(2)
122	1803.37	118.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
119.00	mcw 10%M 90%W	0.59
171.00	w cm 30%W 70%M	2.39

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61583 **DST#: 1**
Test Start: 2015.07.09 @ 18:45:00

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:	49000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	mcw 10%M 90%W	0.585
171.00	w cm 30%W 70%M	2.393

Total Length: 290.00 ft Total Volume: 2.978 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW: .15 @ 72 F = 49,000

Serial #: 8675

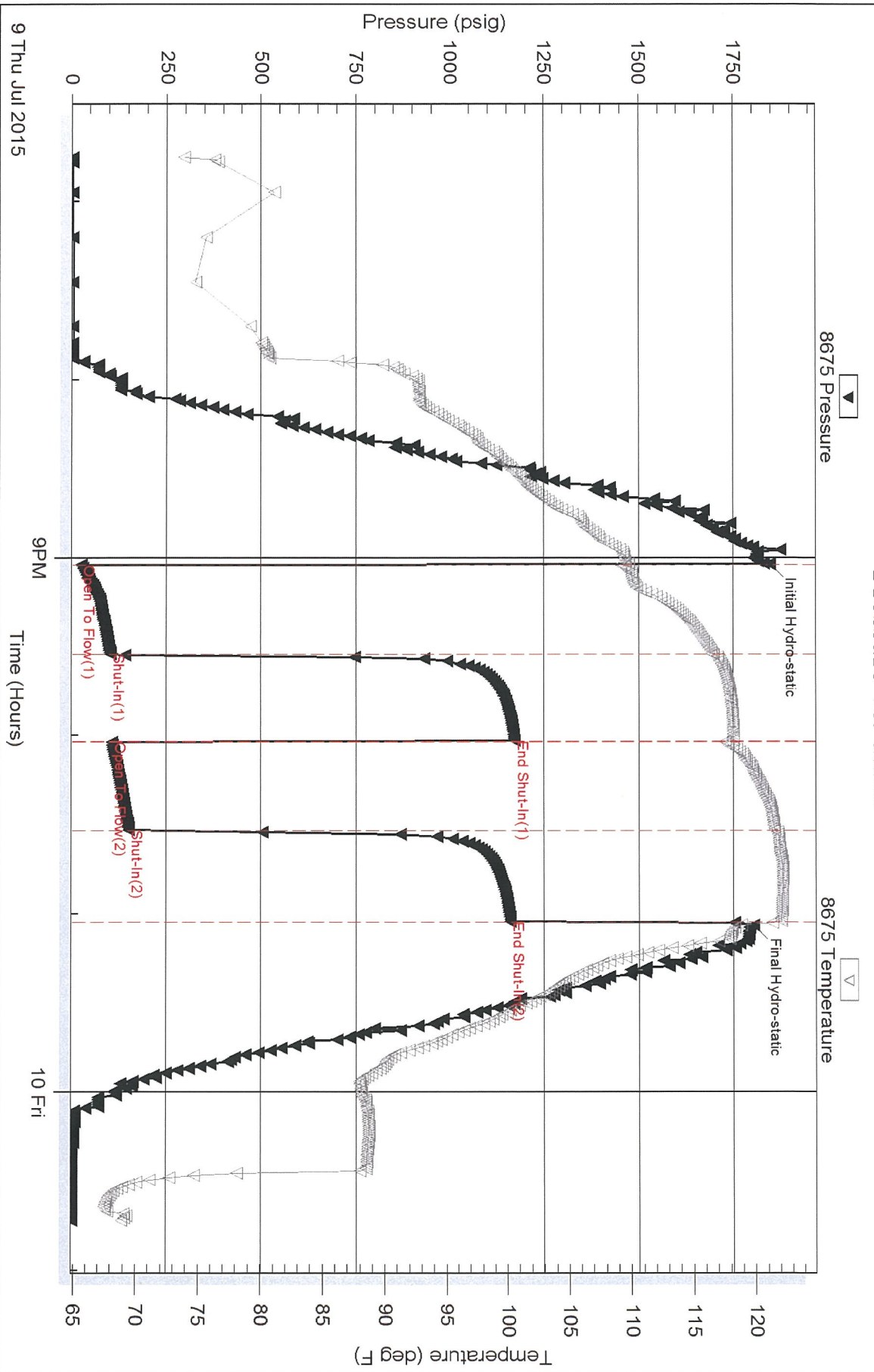
Inside

Palomino Petroleum, Inc.

TL Sw art Unit 1

DST Test Number: 1

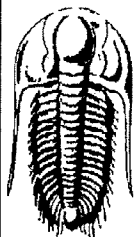
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 61583

Printed: 2015.07.10 @ 04:51:40



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th ST
 Newton KS, 67114-8827
 ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
 Job Ticket: 61584 **DST#: 2**
 Test Start: 2015.07.10 @ 08:48:00

GENERAL INFORMATION:

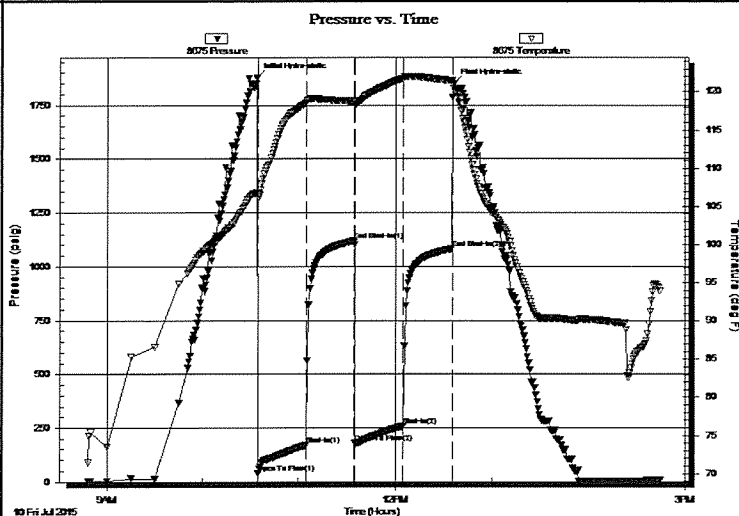
Formation: **Lansing A & B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:34:45
 Time Test Ended: 14:45:00
 Interval: **3860.00 ft (KB) To 3910.00 ft (KB) (TVD)**
 Total Depth: 3910.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 75
 Reference Elevations: 2782.00 ft (KB)
 2777.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press@RunDepth: 259.70 psig @ 3875.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.10 End Date: 2015.07.10 Last Calib.: 2015.07.10
 Start Time: 08:48:15 End Time: 14:45:00 Time On Btm: 2015.07.10 @ 10:33:45
 Time Off Btm: 2015.07.10 @ 12:36:15

TEST COMMENT: B.O.B. in 8 1/2 min.
 Bled off for 5 min, Built to 1" return blow
 B.O.B. in 8 1/2 min.
 Bled off for 5 min, Built to 1" return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1880.09	106.79	Initial Hydro-static
1	42.26	106.23	Open To Flow (1)
31	170.92	118.60	Shut-In(1)
61	1118.38	118.79	End Shut-In(1)
62	178.50	118.38	Open To Flow (2)
91	259.70	121.81	Shut-In(2)
122	1081.82	121.48	End Shut-In(2)
123	1849.34	120.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
119.00	mcow 10%M 20%O 70%W	0.59
189.00	gcw om 10%G 20%W 20%O 50%M	2.65
126.00	gcom 10%G 20%O 70%M	1.77
126.00	gco 10%G 90%O	1.77
0.00	252 Feet Gas In Pipe	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, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61584 **DST#: 2**
Test Start: 2015.07.10 @ 08:48:00

GENERAL INFORMATION:

Formation: **Lansing A & B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:34:45

Time Test Ended: 14:45:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: 3860.00 ft (KB) To 3910.00 ft (KB) (TVD)

Total Depth: 3910.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2782.00 ft (KB)

2777.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8650 Outside

Press@RunDepth: psig @ 3875.00 ft (KB)

Start Date: 2015.07.10

End Date: 2015.07.10

Capacity: 8000.00 psig

Last Calib.: 2015.07.10

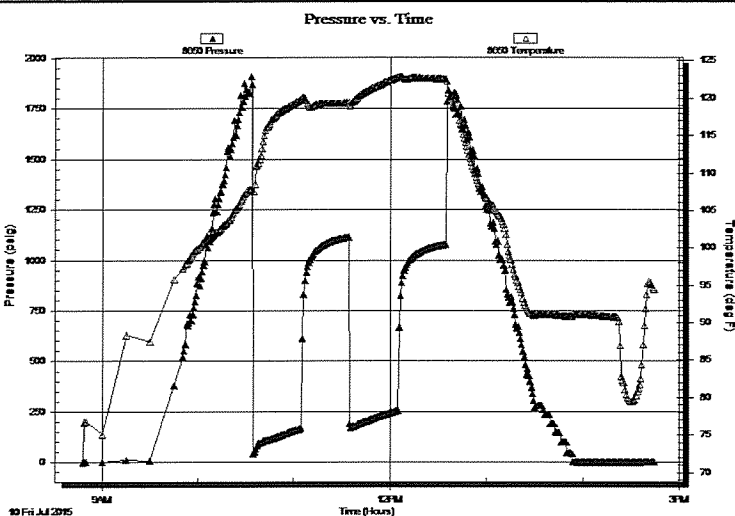
Start Time: 08:48:15

End Time: 14:45:00

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. in 8 1/2 min.
Bled off for 5 min, Built to 1" return blow
B.O.B. in 8 1/2 min.
Bled off for 5 min, Built to 1" return blow



PRESSURE SUMMARY

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

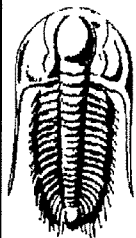
Recovery

Length (ft)	Description	Volume (bbl)
119.00	mcow 10%M 20%O 70%W	0.59
189.00	gcw om 10%G 20%W 20%O 50%M	2.65
126.00	gcom 10%G 20%O 70%M	1.77
126.00	gco 10%G 90%O	1.77
0.00	252 Feet Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61584 **DST#: 2**
Test Start: 2015.07.10 @ 08:48:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 49000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.59 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 900.00 ppm		
Filter Cake: 1.00 inches		

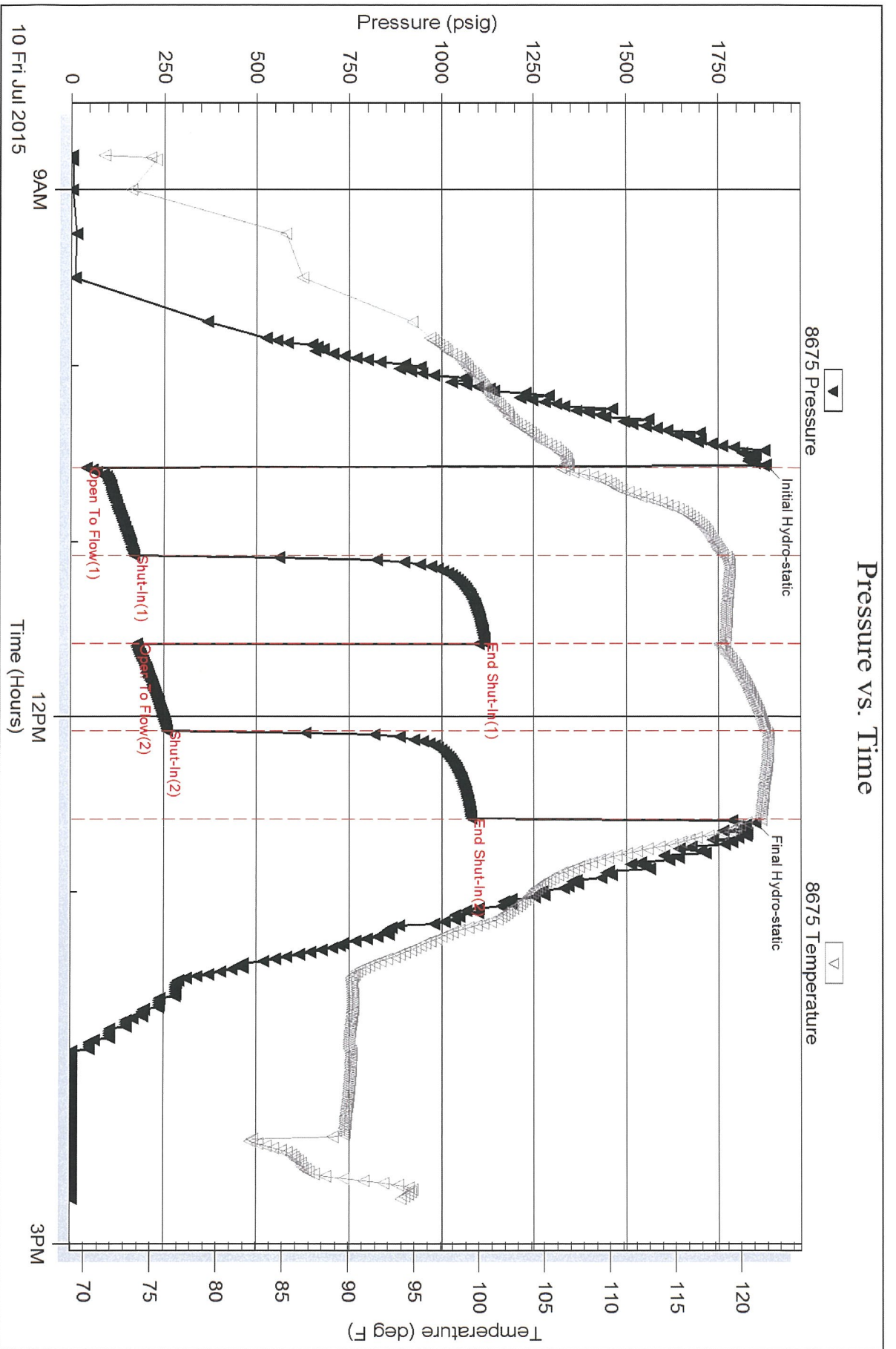
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	mcow 10%M 20%O 70%W	0.585
189.00	gcw om 10%G 20%W 20%O 50%M	2.645
126.00	gcom 10%G 20%O 70%M	1.767
126.00	gco 10%G 90%O	1.767
0.00	252 Feet Gas In Pipe	0.000

Total Length: 560.00 ft Total Volume: 6.764 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API: 39 @ 90 F = 36

RW' .11 @ 95 F = 49,000

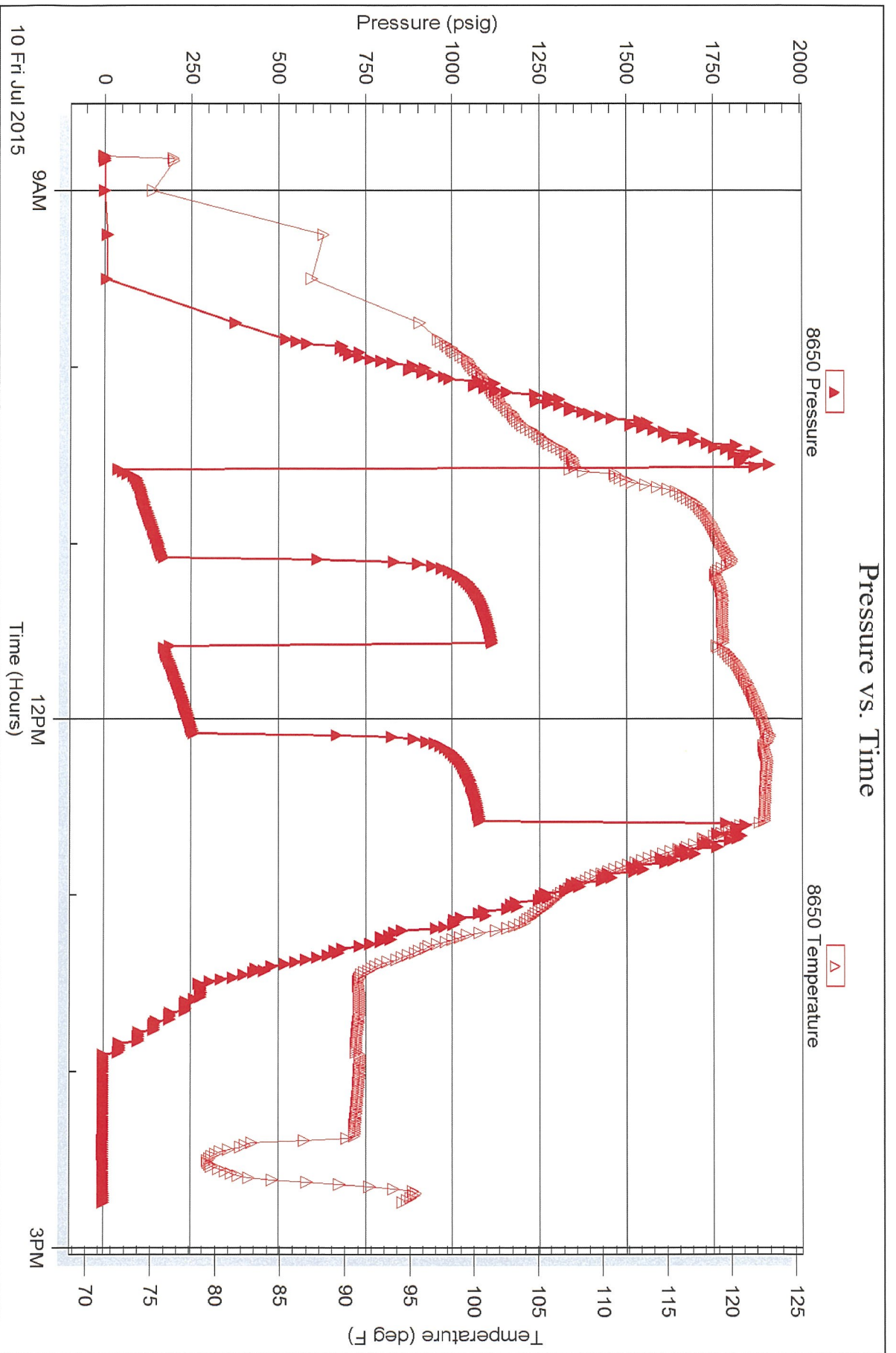


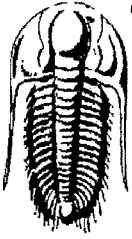
Serial #: 8650

Outside Palomino Petroleum, Inc.

TL Sw art Unit 1

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

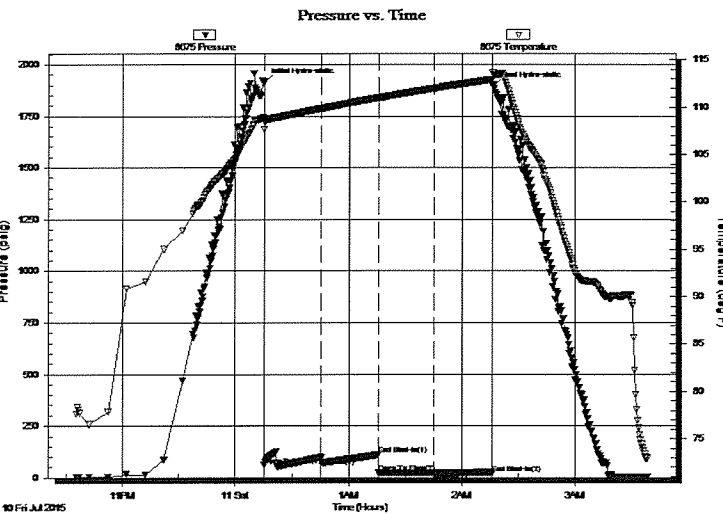
17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61585 **DST#: 3**
Test Start: 2015.07.10 @ 22:35:00

GENERAL INFORMATION:

Formation: **Lansing 'C&D'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:15:15
Time Test Ended: 03:38:15
Test Type: Conventional Bottom Hole (Reset)
Tester: Jace McKinney
Unit No: 75
Interval: **3908.00 ft (KB) To 3940.00 ft (KB) (TVD)**
Reference Elevations: 2782.00 ft (KB)
Total Depth: 3940.00 ft (KB) (TVD) 2777.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8675 Inside
Press@RunDepth: 23.29 psig @ 3937.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.07.10 End Date: 2015.07.11 Last Calib.: 2015.07.11
Start Time: 22:35:15 End Time: 03:38:15 Time On Btm: 2015.07.11 @ 00:15:00
Time Off Btm: 2015.07.11 @ 02:16:30

TEST COMMENT: Built to 1/4" in 5 min, Stayed there
No return blow
No blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.21	108.91	Initial Hydro-static
1	58.97	107.62	Open To Flow (1)
30	97.98	109.85	Shut-In(1)
61	110.04	111.02	End Shut-In(1)
61	21.64	110.96	Open To Flow (2)
91	23.29	112.00	Shut-In(2)
122	17.63	112.95	End Shut-In(2)
122	1891.57	113.69	Final Hydro-static

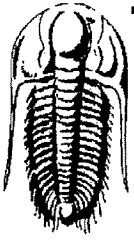
Recovery

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

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61585 **DST#: 3**
Test Start: 2015.07.10 @ 22:35:00

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: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

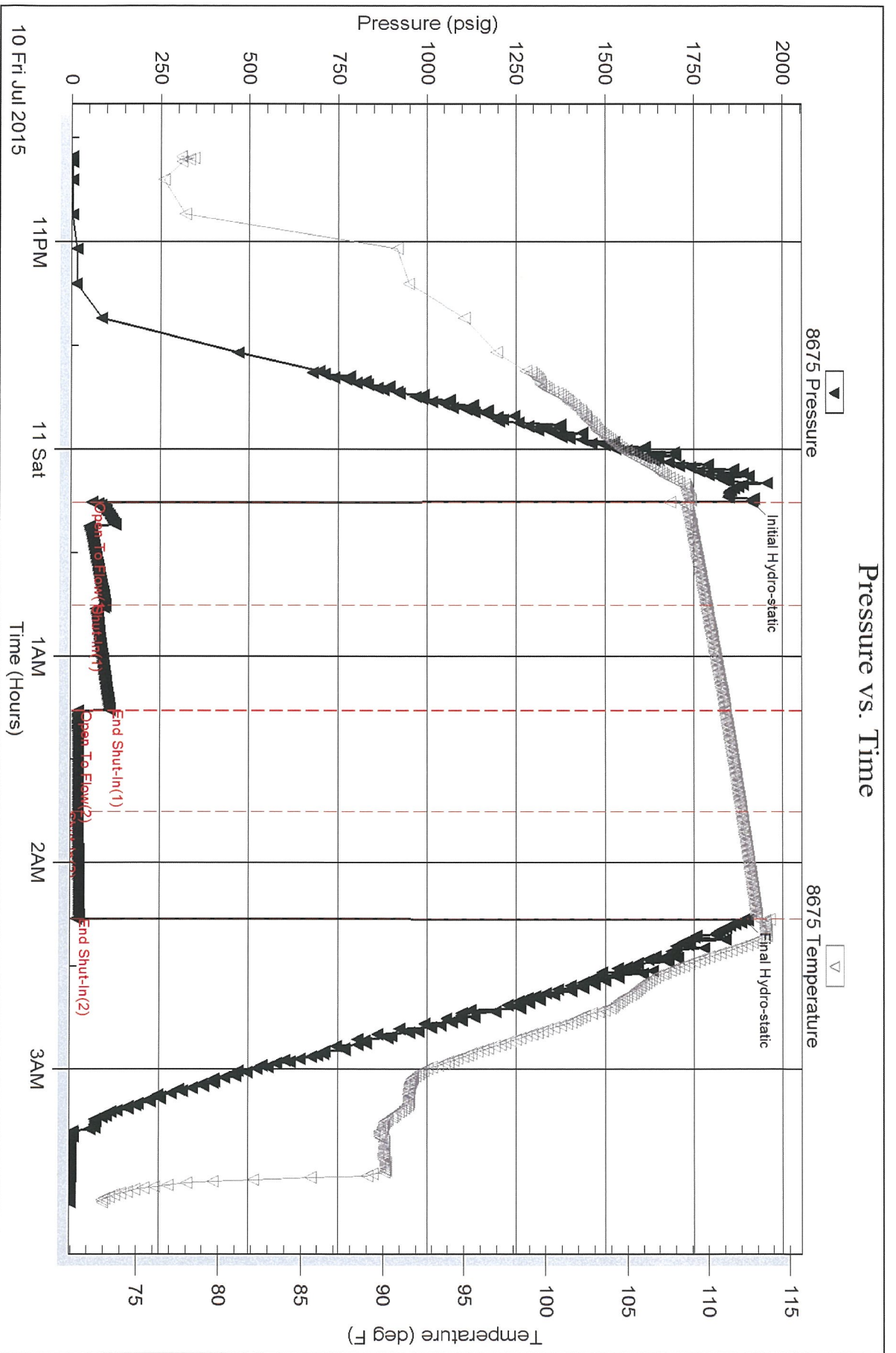
Serial #: 8675

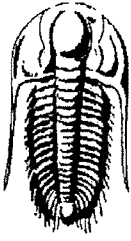
Inside

Palomino Petroleum, Inc.

TL Swart Unit 1

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th ST
 Newton KS, 67114-8827
 ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
 Job Ticket: 61586 **DST#: 4**
 Test Start: 2015.07.11 @ 11:30:00

GENERAL INFORMATION:

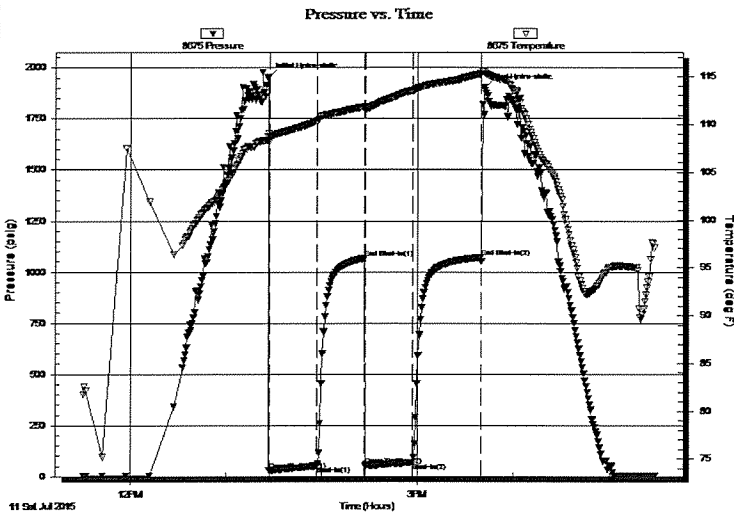
Formation: **Lansing 'D-F'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:26:45
 Time Test Ended: 17:28:15
 Interval: **3934.00 ft (KB) To 3983.00 ft (KB) (TVD)**
 Total Depth: 3983.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jace McKinney
 Unit No: 75
 Reference Elevations: 2782.00 ft (KB)
 2777.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press@RunDepth: 68.23 psig @ 3943.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.11 End Date: 2015.07.11 Last Calib.: 2015.07.11
 Start Time: 11:30:15 End Time: 17:28:15 Time On Btm: 2015.07.11 @ 13:26:30
 Time Off Btm: 2015.07.11 @ 15:41:45

TEST COMMENT: Built to 1" in 12 min, Flushed tool 20 min, Built to 1 1/2" blow
 No return blow
 No blow
 No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1953.39	109.02	Initial Hydro-static
1	28.45	108.20	Open To Flow (1)
31	51.13	110.38	Shut-In(1)
60	1066.98	111.86	End Shut-In(1)
61	53.82	111.46	Open To Flow (2)
91	68.23	113.54	Shut-In(2)
134	1071.72	115.31	End Shut-In(2)
136	1900.70	115.52	Final Hydro-static

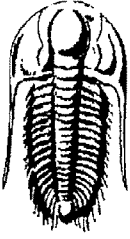
Recovery

Length (ft)	Description	Volume (bbl)
70.00	100% Mud with oil scum	0.34

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61586 **DST#: 4**
Test Start: 2015.07.11 @ 11:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	100% Mud w ith oil scum	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

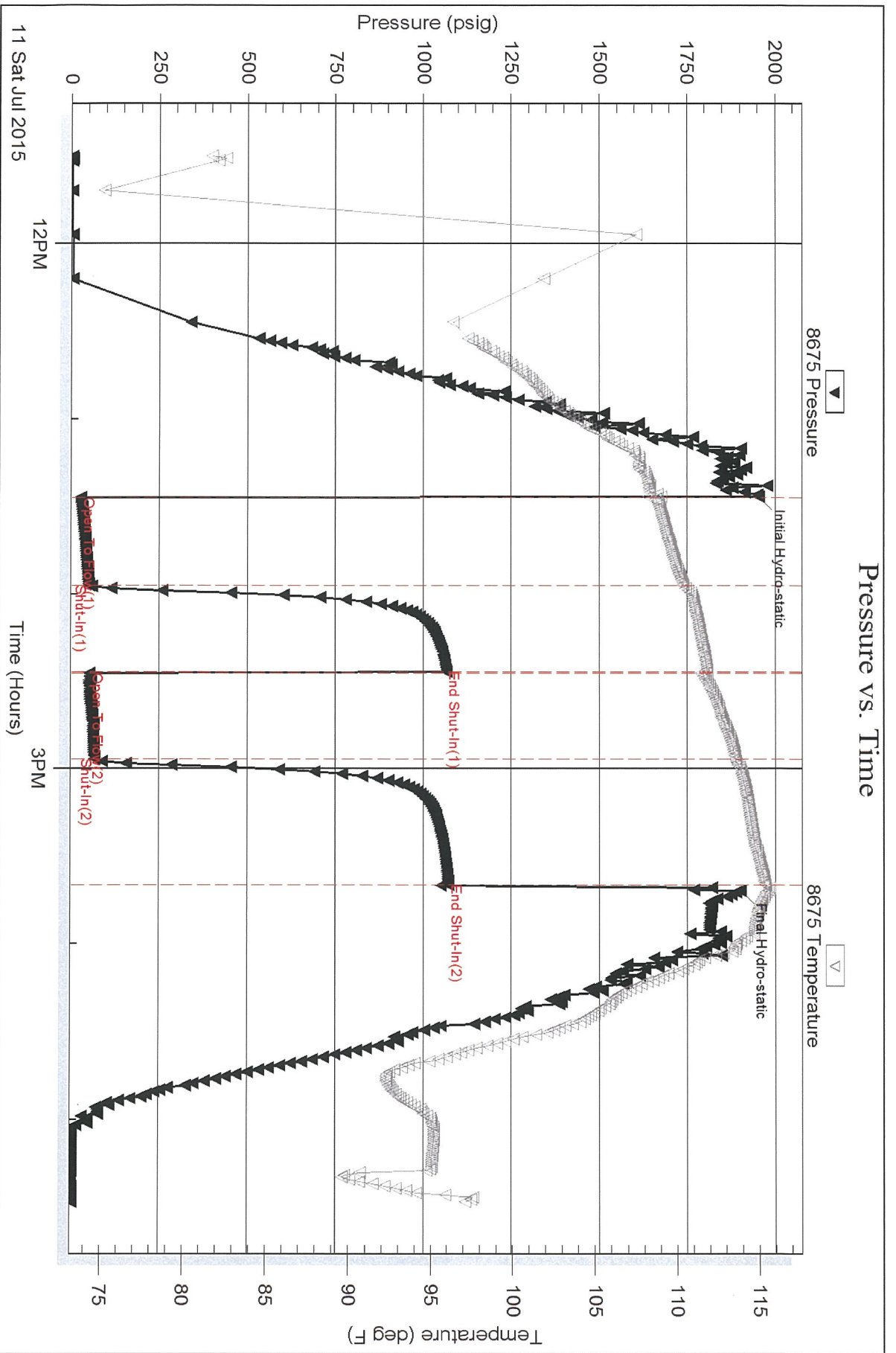
Serial #: 8675

Inside

Palomino Petroleum, Inc.

TL Swart Unit 1

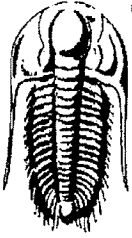
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 61586

Printed: 2015.07.11 @ 23:10:04



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61587 **DST#: 5**
Test Start: 2015.07.12 @ 03:40:00

GENERAL INFORMATION:

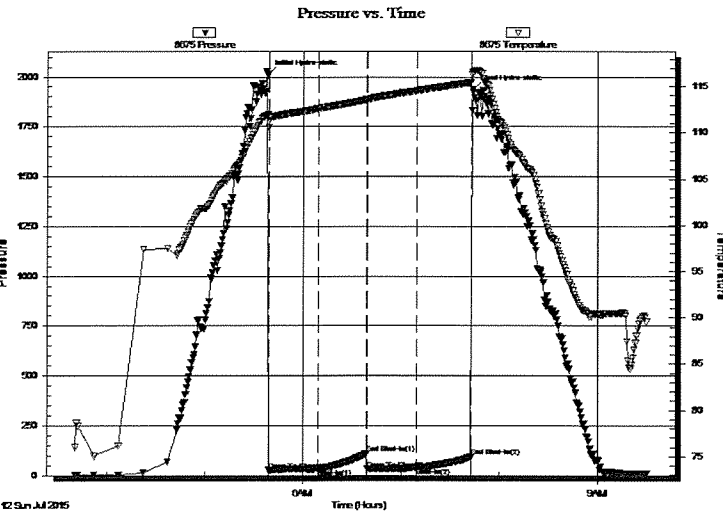
Formation: **Lansing 'H & I'**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:38:45
Time Test Ended: 09:30:00
Interval: **4015.00 ft (KB) To 4082.00 ft (KB) (TVD)**
Total Depth: 4082.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Jace McKinney
Unit No: 75
Reference Elevations: 2782.00 ft (KB)
2777.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press@RunDepth: 38.20 psig @ 4042.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.07.12 End Date: 2015.07.12 Last Calib.: 2015.07.12
Start Time: 03:40:15 End Time: 09:30:00 Time On Btm: 2015.07.12 @ 05:37:45
Time Off Btm: 2015.07.12 @ 07:43:45

TEST COMMENT: Built to 1" blow
No return blow
Built to 1/4" blow
No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2010.49	111.90	Initial Hydro-static
1	26.43	110.59	Open To Flow (1)
32	33.28	112.62	Shut-In(1)
61	108.91	113.57	End Shut-In(1)
62	31.53	113.57	Open To Flow (2)
92	38.20	114.56	Shut-In(2)
125	92.79	115.46	End Shut-In(2)
126	1936.26	116.56	Final Hydro-static

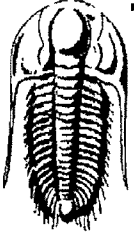
Recovery

Length (ft)	Description	Volume (bbl)
40.00	gcom 5%G 5%O 90%M	0.20

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th ST
New ton KS, 67114-8827

ATTN: Ryan Seib

17-14s-30w Gove Co, KS

TL Swart Unit 1

Job Ticket: 61587

DST#: 5

Test Start: 2015.07.12 @ 03:40:00

GENERAL INFORMATION:

Formation: **Lansing 'H & I'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:38:45

Time Test Ended: 09:30:00

Interval: **4015.00 ft (KB) To 4082.00 ft (KB) (TVD)**

Total Depth: 4082.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Reference Elevations: 2782.00 ft (KB)

2777.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8650**

Outside

Press@RunDepth: psig @ 4042.00 ft (KB)

Start Date: 2015.07.12

End Date:

2015.07.12

Capacity: 8000.00 psig

Last Calib.:

2015.07.12

Start Time: 03:40:15

End Time:

09:30:00

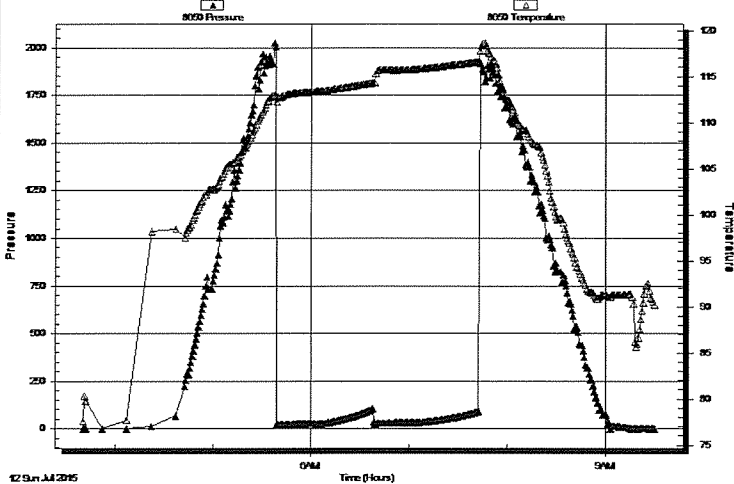
Time On Btm:

Time Off Btm:

TEST COMMENT:

Built to 1" blow
No return blow
Built to 1/4" blow
No return blow

Pressure vs. Time



PRESSURE SUMMARY

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

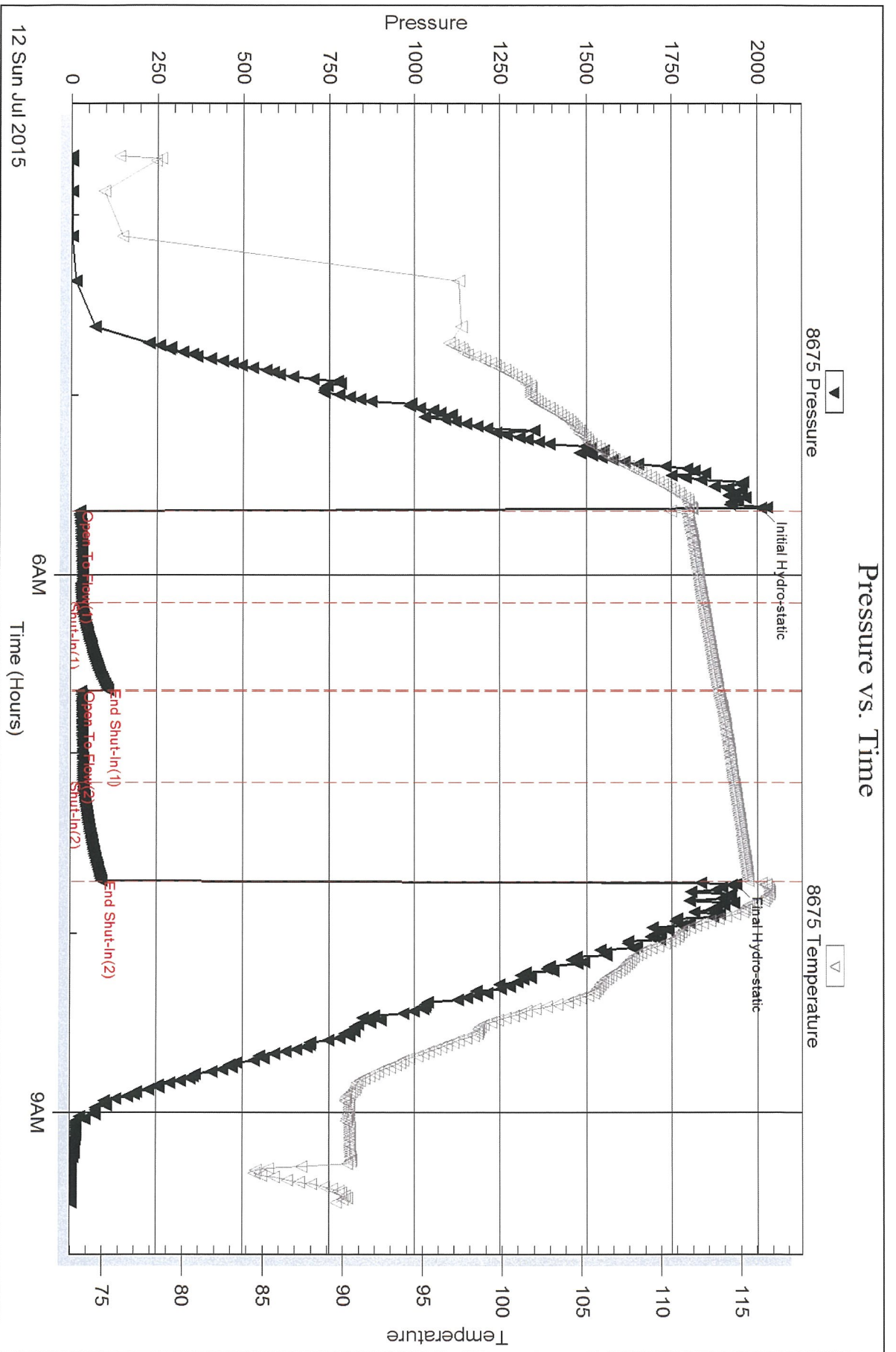
Recovery

Length (ft)	Description	Volume (bbl)
40.00	gcom 5%G 5%O 90%M	0.20

Gas Rates

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

* Recovery from multiple tests



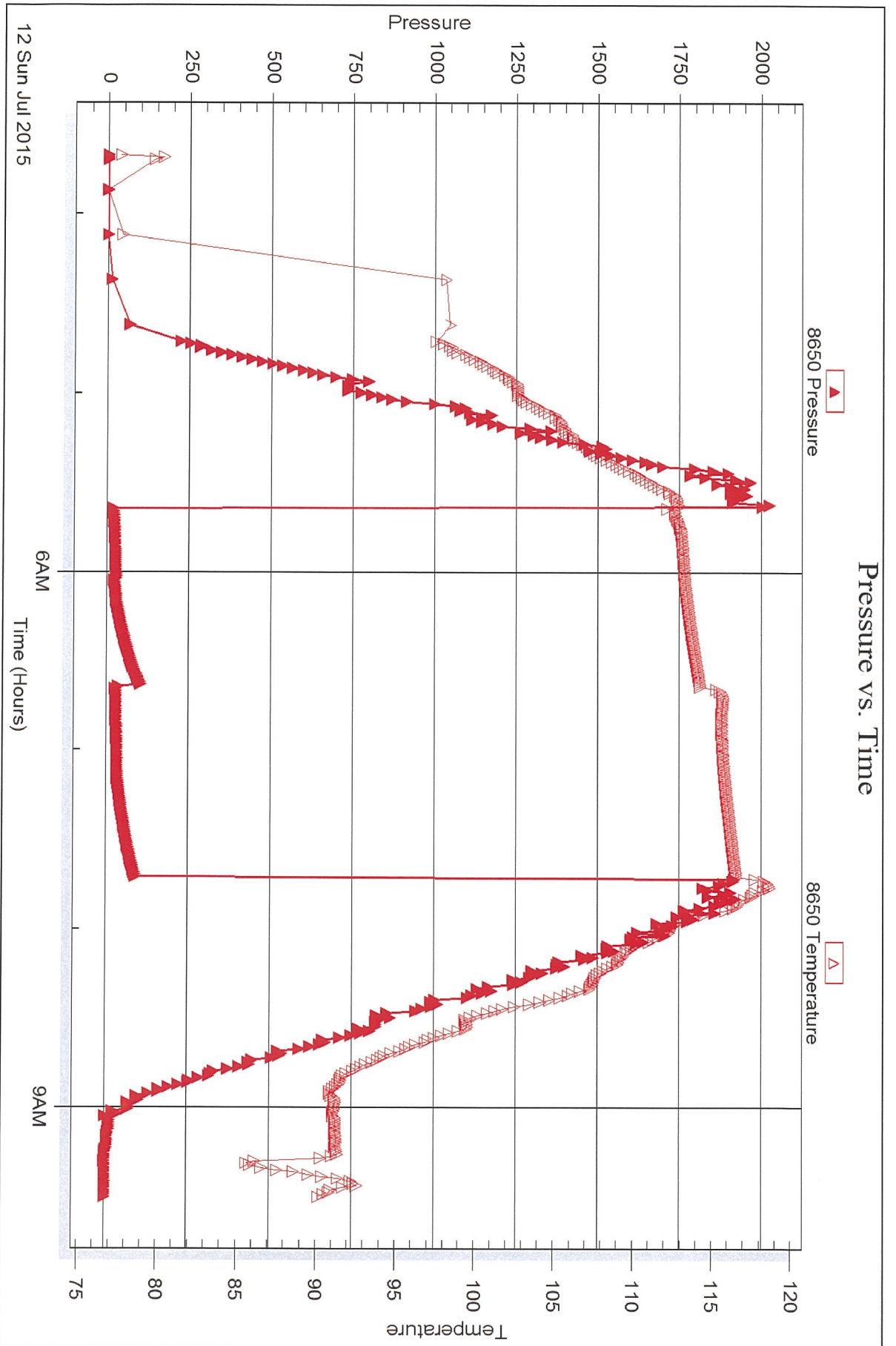
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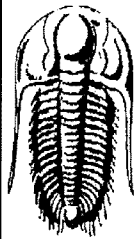
Outside

Palomino Petroleum, Inc.

TL Sw art Unit 1

DST Test Number: 5





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th ST
 Newton KS, 67114-8827
 ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
 Job Ticket: 61588 **DST#: 6**
 Test Start: 2015.07.12 @ 20:05:00

GENERAL INFORMATION:

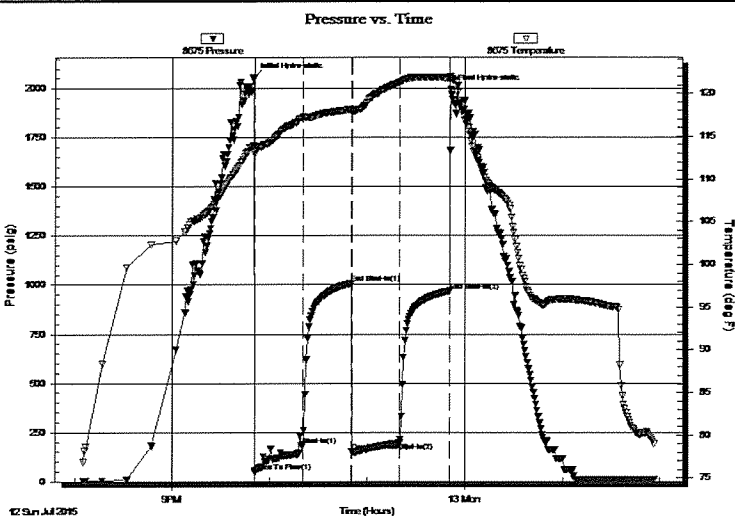
Formation: **Lansing 'J-L'**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 21:50:30
 Tester: Jace McKinney
 Time Test Ended: 01:56:15
 Unit No: 75
 Interval: **4074.00 ft (KB) To 4185.00 ft (KB) (TVD)**
 Reference Elevations: 2782.00 ft (KB)
 Total Depth: 4185.00 ft (KB) (TVD)
 2777.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Poor
 KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press@RunDepth: 195.58 psig @ 4111.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.12 End Date: 2015.07.13 Last Calib.: 2015.07.13
 Start Time: 20:05:15 End Time: 01:56:15 Time On Btm: 2015.07.12 @ 21:50:00
 Time Off Btm: 2015.07.12 @ 23:51:30

TEST COMMENT: B.O.B. in 17 min.
 Bled off for 5 min, No return blow
 B.O.B. in 15 min.
 Bled off for 5 min, Built to 1/2" return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.34	113.88	Initial Hydro-static
1	47.38	112.90	Open To Flow (1)
31	182.57	117.23	Shut-In(1)
61	1005.64	118.15	End Shut-In(1)
61	151.15	117.75	Open To Flow (2)
90	195.58	121.28	Shut-In(2)
121	969.33	121.84	End Shut-In(2)
122	1993.41	122.03	Final Hydro-static

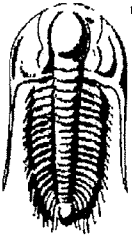
Recovery

Length (ft)	Description	Volume (bbl)
119.00	oil scum w cm 20%W 80%M	0.59
126.00	mcw go 10%M 25%W 25%G 40%O	1.76
118.00	ocm 10%O 90%M	1.66
0.00	189 Feet Of Weak Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61588 **DST#: 6**
Test Start: 2015.07.12 @ 20:05:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	oil scum w cm 20%W 80%M	0.585
126.00	mcw go 10%M 25%W 25%G 40%O	1.762
118.00	ocm 10%O 90%M	1.655
0.00	189 Feet Of Weak Gas In Pipe	0.000

Total Length: 363.00 ft Total Volume: 4.002 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW: .12 @ 80 F = 55,000

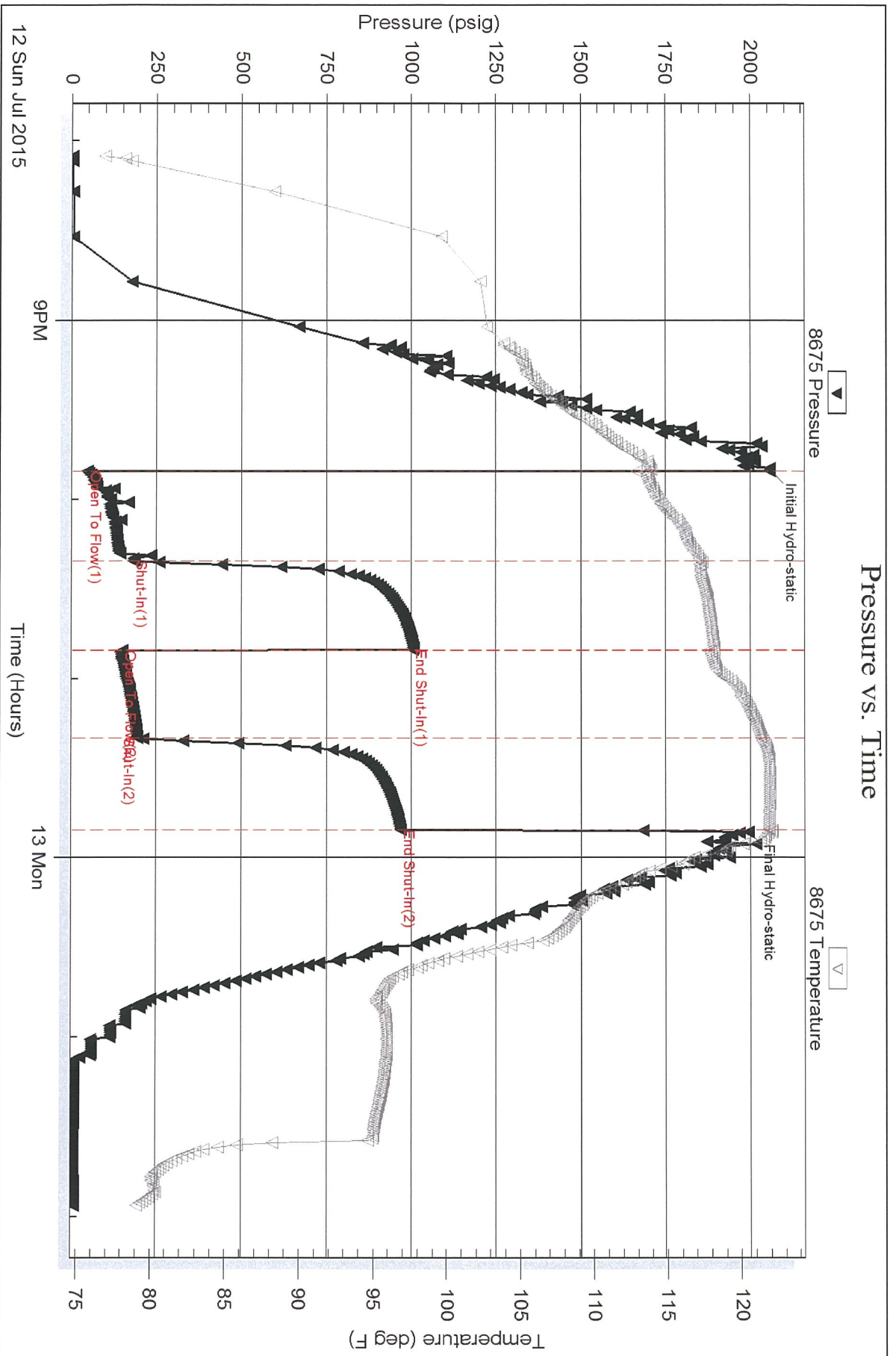
Serial #: 8675

Inside

Palomino Petroleum, Inc.

TL Sw art Unit 1

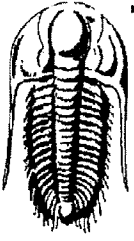
DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 61588

Printed: 2015.07.13 @ 06:43:56



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
 4924 SE 84th ST
 Newton KS, 67114-8827
 ATTN: Ryan Seib

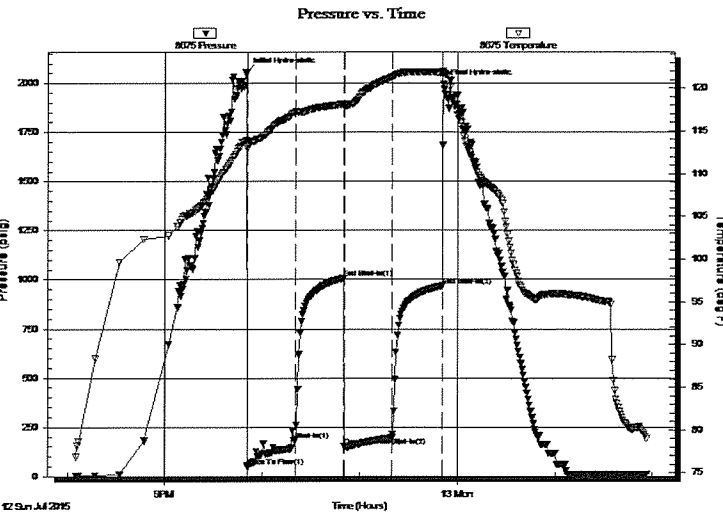
17-14s-30w Gove Co, KS
TL Swart Unit 1
 Job Ticket: 61588 **DST#: 6**
 Test Start: 2015.07.12 @ 20:05:00

GENERAL INFORMATION:

Formation: **Lansing 'J-L'**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 21:50:30
 Tester: Jace McKinney
 Time Test Ended: 01:56:15
 Unit No: 75
 Interval: **4074.00 ft (KB) To 4185.00 ft (KB) (TVD)**
 Reference Elevations: 2782.00 ft (KB)
 Total Depth: 4185.00 ft (KB) (TVD) 2777.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8675 Inside
 Press@RunDepth: 195.58 psig @ 4111.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.07.12 End Date: 2015.07.13 Last Calib.: 2015.07.13
 Start Time: 20:05:15 End Time: 01:56:15 Time On Btm: 2015.07.12 @ 21:50:00
 Time Off Btm: 2015.07.12 @ 23:51:30

TEST COMMENT: B.O.B. in 17 min.
 Bled off for 5 min, No return blow
 B.O.B. in 15 min.
 Bled off for 5 min, Built to 1/2" return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.34	113.88	Initial Hydro-static
1	47.38	112.90	Open To Flow (1)
31	182.57	117.23	Shut-In(1)
61	1005.64	118.15	End Shut-In(1)
61	151.15	117.75	Open To Flow (2)
90	195.58	121.28	Shut-In(2)
121	969.33	121.84	End Shut-In(2)
122	1993.41	122.03	Final Hydro-static

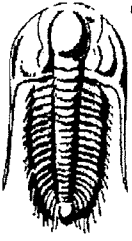
Recovery

Length (ft)	Description	Volume (bbl)
119.00	oil scum w cm 20%W 80%M	0.59
126.00	mcw go 10%M 25%W 25%G 40%O	1.76
118.00	ocm 10%O 90%M	1.66
0.00	189 Feet Of Weak Gas In Pipe	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61588 **DST#: 6**
Test Start: 2015.07.12 @ 20:05:00

Mud and Cushion Information

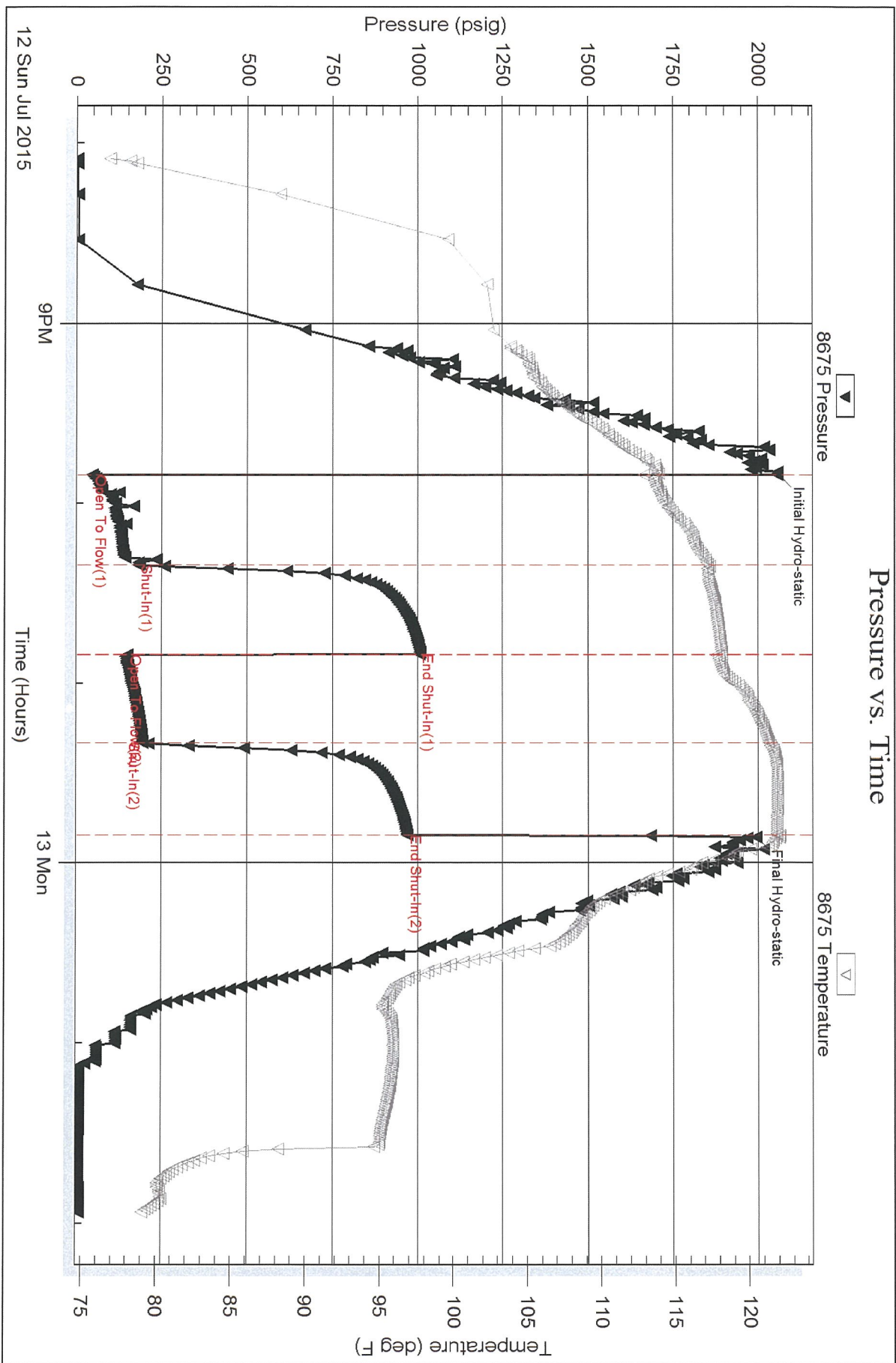
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

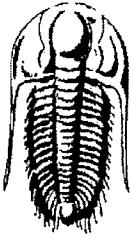
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
119.00	oil scum w cm 20%W 80%M	0.585
126.00	mcw go 10%M 25%W 25%G 40%O	1.762
118.00	ocm 10%O 90%M	1.655
0.00	189 Feet Of Weak Gas In Pipe	0.000

Total Length: 363.00 ft Total Volume: 4.002 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW: .12 @ 80 F = 55,000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61589 **DST#: 7**
Test Start: 2015.07.13 @ 18:12:00

GENERAL INFORMATION:

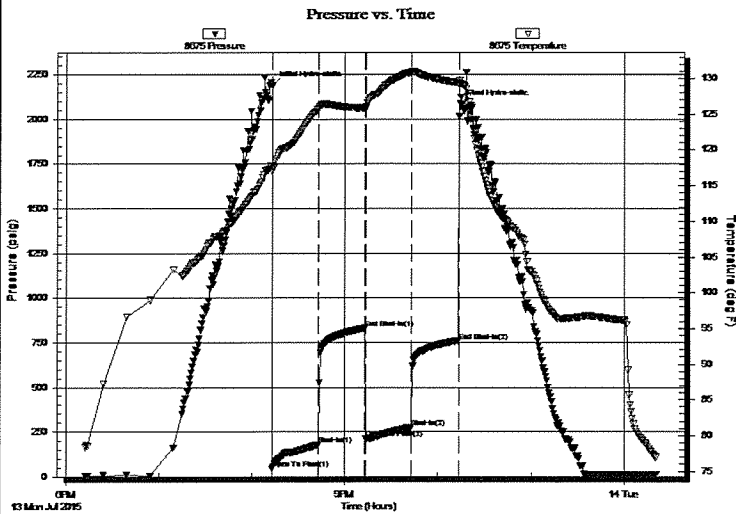
Formation: **Pawnee/Myric Station**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 20:13:15 Tester: Jace McKinney
Time Test Ended: 00:20:30 Unit No: 75
Interval: 4296.00 ft (KB) To 4363.00 ft (KB) (TVD) Reference Elevations: 2782.00 ft (KB)
Total Depth: 4363.00 ft (KB) (TVD) 2777.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8675

Inside

Press@RunDepth: 274.91 psig @ 4324.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.07.13 End Date: 2015.07.14 Last Calib.: 2015.07.13
Start Time: 18:12:15 End Time: 00:20:30 Time On Btm: 2015.07.13 @ 20:13:00
Time Off Btm: 2015.07.13 @ 22:14:15

TEST COMMENT: B.O.B. in 13 1/2 min.
Bled off for 5 min, No return blow
B.O.B. in 19 min.
Bled off for 5 min, No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2186.51	117.78	Initial Hydro-static
1	44.73	116.99	Open To Flow (1)
31	178.92	125.79	Shut-In(1)
60	830.00	125.83	End Shut-In(1)
61	213.04	125.87	Open To Flow (2)
90	274.91	130.92	Shut-In(2)
121	757.48	129.37	End Shut-In(2)
122	2085.72	129.33	Final Hydro-static

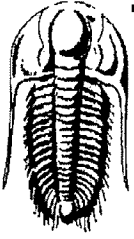
Recovery

Length (ft)	Description	Volume (bbl)
119.00	mcw 10%M 90%W	0.59
126.00	mcw 30%M 70%W	1.76
126.00	gcw m 10%G 30%W 60%M	1.77
157.00	w cm w ith oil scum 20%W 80%M	2.20

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61589 **DST#: 7**
Test Start: 2015.07.13 @ 18:12:00

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: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

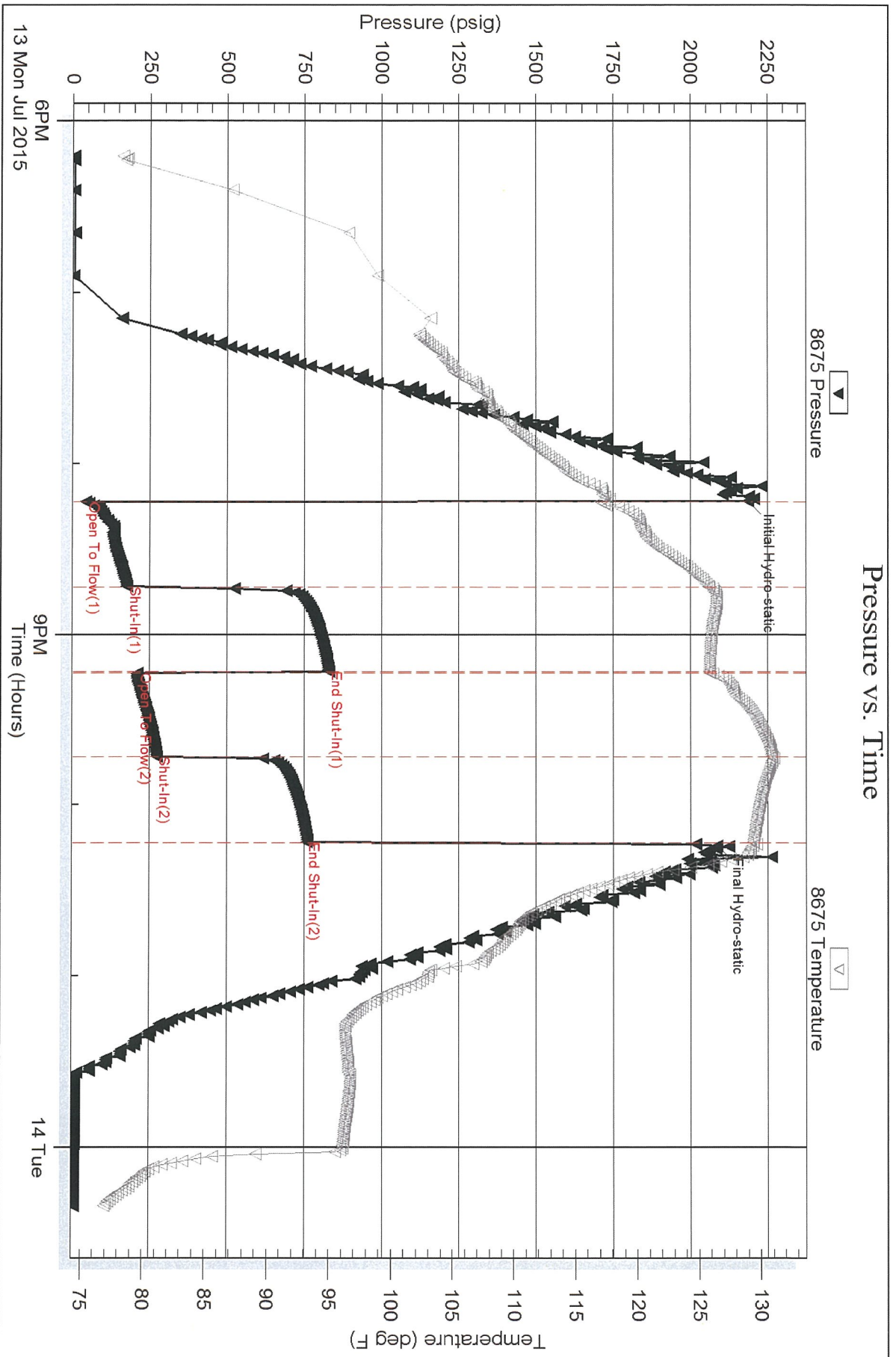
Recovery Information

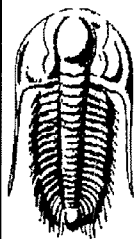
Recovery Table

Length ft	Description	Volume bbl
119.00	mcw 10%M 90%W	0.585
126.00	mcw 30%M 70%W	1.762
126.00	gcw m 10%G 30%W 60%M	1.767
157.00	w cm w ith oil scum 20%W 80%M	2.202

Total Length: 528.00 ft Total Volume: 6.316 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW" .12 @ 80 F = 55,000

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

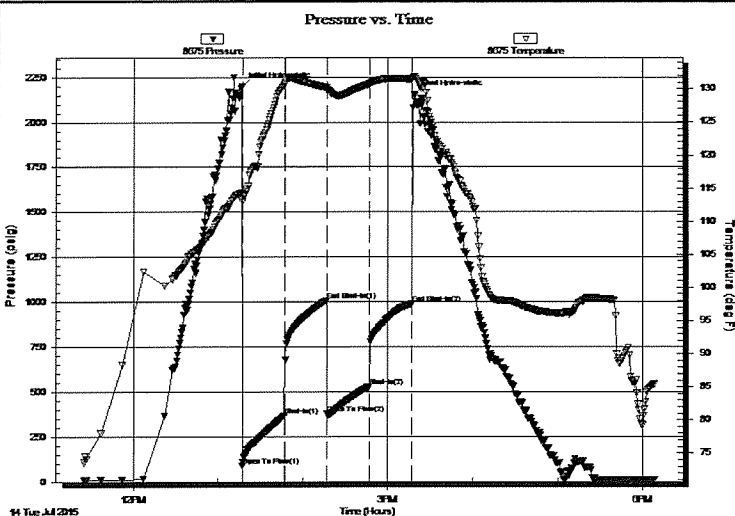
17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61590 **DST#: 8**
Test Start: 2015.07.14 @ 11:25:00

GENERAL INFORMATION:

Formation: **Fort Scott-Johnson Z**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:17:15
Time Test Ended: 18:08:00
Interval: **4352.00 ft (KB) To 4455.00 ft (KB) (TVD)**
Total Depth: 4455.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Jace McKinney
Unit No: 75
Reference Elevations: 2782.00 ft (KB)
2777.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8675 Inside
Press@RunDepth: 528.18 psig @ 4380.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.07.14 End Date: 2015.07.14 Last Calib.: 2015.07.14
Start Time: 11:25:15 End Time: 18:08:00 Time On Btm: 2015.07.14 @ 13:17:00
Time Off Btm: 2015.07.14 @ 15:18:30

TEST COMMENT: B.O.B. in 3 min.
Bled off for 5 min, B.O.B. in 13 min return blow
B.O.B. as soon as opening back up
Bled off for 5 min, B.O.B. in 13 min return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2196.34	114.35	Initial Hydro-static
1	86.51	112.96	Open To Flow (1)
31	367.06	130.65	Shut-In(1)
61	1007.03	130.17	End Shut-In(1)
61	379.21	129.72	Open To Flow (2)
90	528.18	130.73	Shut-In(2)
121	990.32	131.39	End Shut-In(2)
122	2155.12	131.88	Final Hydro-static

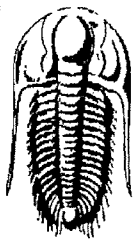
Recovery

Length (ft)	Description	Volume (bbl)
182.00	gcom 20%G 30%O 50%M	1.46
441.00	gcmo 10%G 30%M 60%O	6.19
378.00	gco 30%G 70%O	5.30
282.00	gco 10%G 90%O	3.96
0.00	1512 Feet Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th ST
New ton KS, 67114-8827

ATTN: Ryan Seib

17-14s-30w Gove Co, KS

TL Swart Unit 1

Job Ticket: 61590

DST#: 8

Test Start: 2015.07.14 @ 11:25:00

GENERAL INFORMATION:

Formation: **Fort Scott-Johnson Z**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:17:15

Time Test Ended: 18:08:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jace McKinney

Unit No: 75

Interval: **4352.00 ft (KB) To 4455.00 ft (KB) (TVD)**

Total Depth: 4455.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2782.00 ft (KB)

2777.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8650

Outside

Press@RunDepth: psig @ 4380.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.14

End Date: 2015.07.14

Last Calib.: 2015.07.14

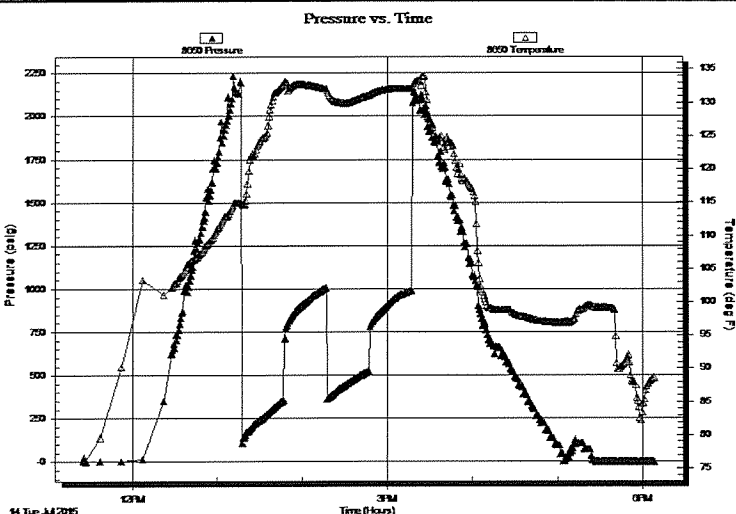
Start Time: 11:25:15

End Time: 18:08:00

Time On Btm:

Time Off Btm:

TEST COMMENT: B.O.B. in 3 min.
Bled off for 5 min, B.O.B. in 13 min return blow
B.O.B. as soon as opening back up
Bled off for 5 min, B.O.B. in 13 min return blow



PRESSURE SUMMARY

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

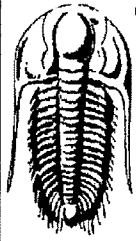
Recovery

Length (ft)	Description	Volume (bbl)
182.00	gcom 20%G 30%O 50%M	1.46
441.00	gcmo 10%G 30%M 60%O	6.19
378.00	gco 30%G 70%O	5.30
282.00	gco 10%G 90%O	3.96
0.00	1512 Feet Gas In Pipe	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.
4924 SE 84th ST
New ton KS, 67114-8827
ATTN: Ryan Seib

17-14s-30w Gove Co, KS
TL Swart Unit 1
Job Ticket: 61590 **DST#: 8**
Test Start: 2015.07.14 @ 11:25:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 31 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: sec/qt	Cushion Volume: bbl	
Water Loss: 7.60 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1700.00 ppm		
Filter Cake: 1.00 inches		

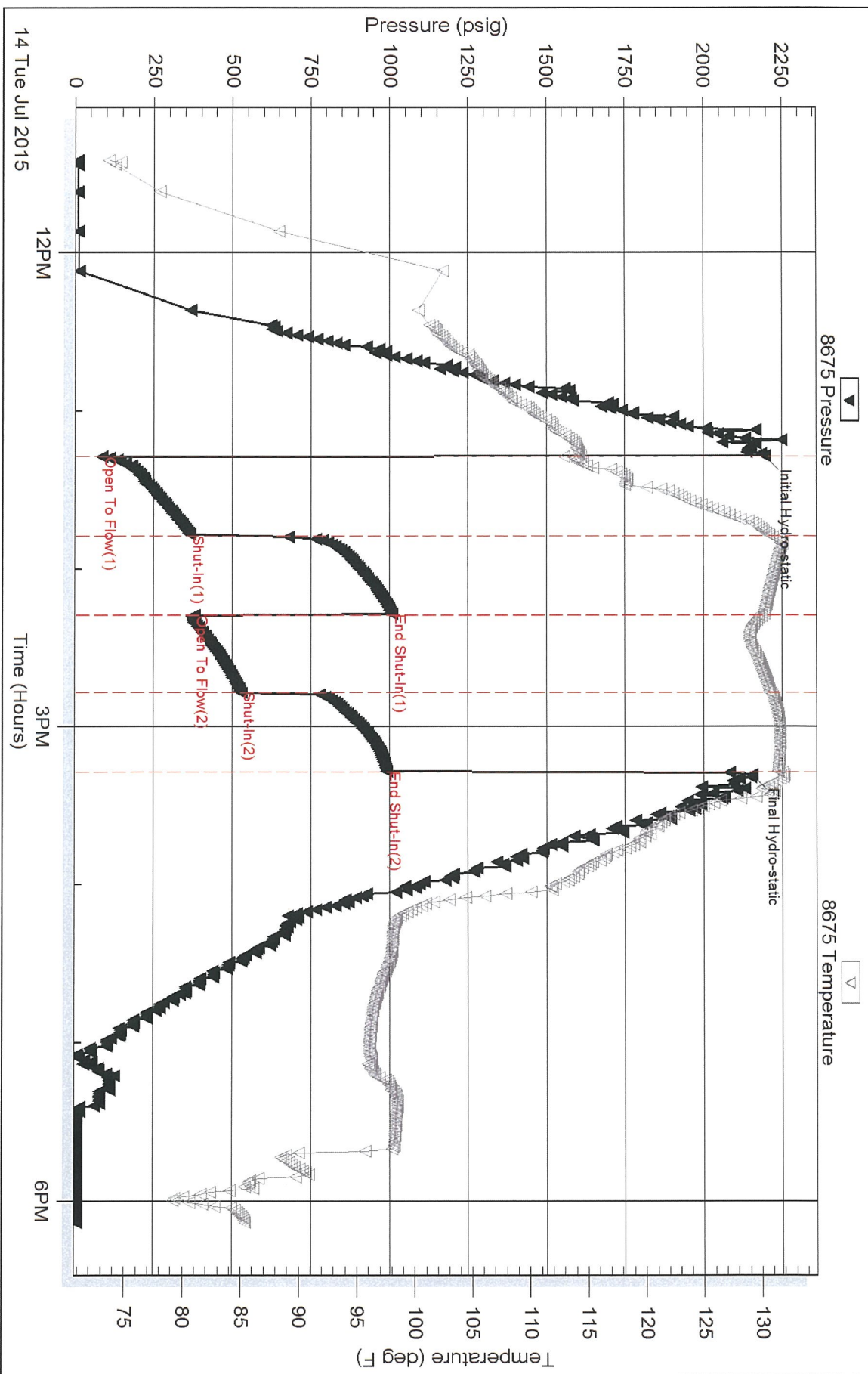
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
182.00	gcom 20%G 30%O 50%M	1.463
441.00	gcmo 10%G 30%M 60%O	6.186
378.00	gco 30%G 70%O	5.302
282.00	gco 10%G 90%O	3.956
0.00	1512 Feet Gas In Pipe	0.000

Total Length: 1283.00 ft Total Volume: 16.907 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: API 35 @ 100 F = 31

Pressure vs. Time

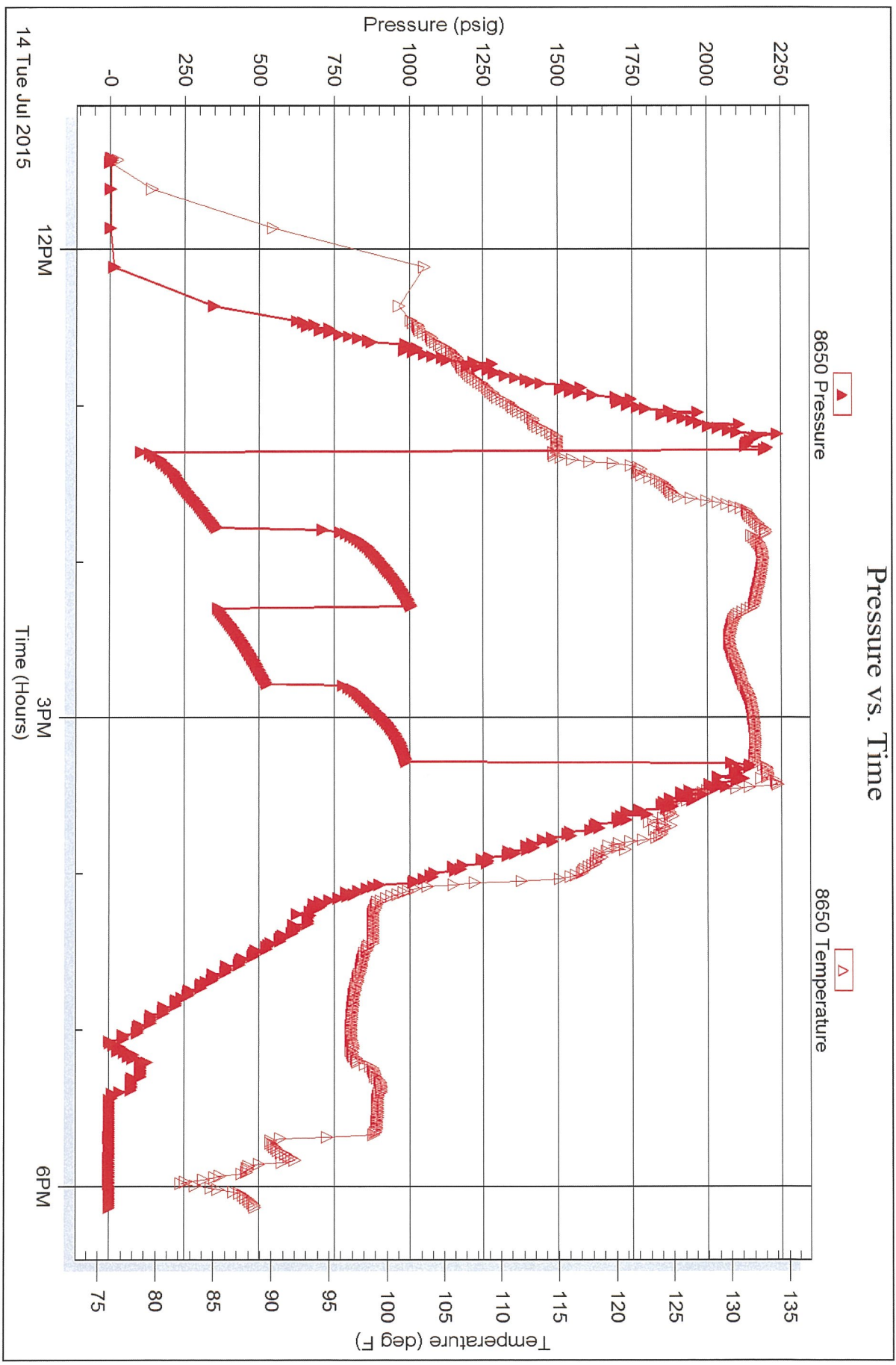


Serial #: 8650

Outside Palomino Petroleum, Inc.

TL Sw art Unit 1

DST Test Number: 8



Triobite Testing, Inc

Ref. No: 61590

Printed: 2015.07.14 @ 21:56:10