

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

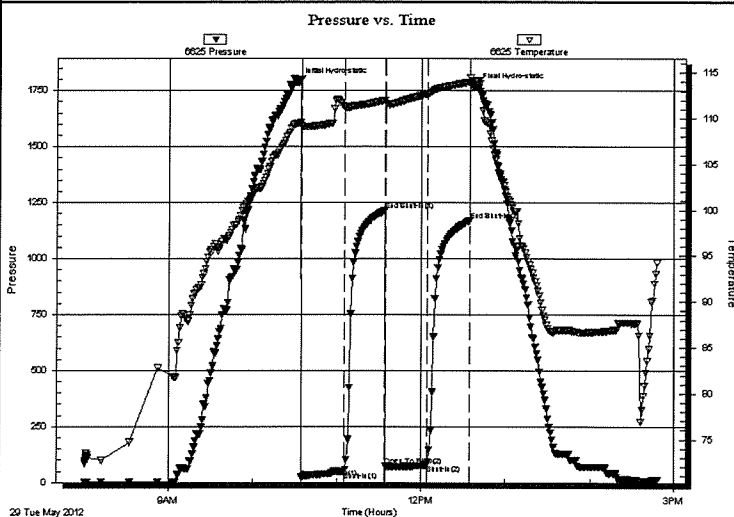
16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47159 **DST#: 1**
Test Start: 2012.05.29 @ 08:00:23

GENERAL INFORMATION:

Formation: **LKC D-E**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 10:34:18
Time Test Ended: 14:48:17
Interval: **3722.00 ft (KB) To 3750.00 ft (KB) (TVD)**
Total Depth: 3750.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 2290.00 ft (KB)
2283.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6625 Inside
Press@RunDepth: 80.77 psig @ 3723.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.29 End Date: 2012.05.29 Last Calib.: 2012.05.29
Start Time: 08:00:23 End Time: 14:48:17 Time On Btm: 2012.05.29 @ 10:31:18
Time Off Btm: 2012.05.29 @ 12:37:47

TEST COMMENT: 30-IFP-w k to a fr bl 1/4" to 4" bl
30-ISIP-no bl
30-FFP-w k bl thru-out surface to 2" bl
30-FSIP-no bl



PRESSURE SUMMARY

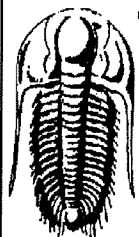
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1785.85	109.45	Initial Hydro-static
3	23.30	109.19	Open To Flow (1)
34	48.32	111.28	Shut-In(1)
63	1214.31	112.00	End Shut-In(1)
64	75.05	111.61	Open To Flow (2)
93	80.77	112.70	Shut-In(2)
123	1168.88	113.97	End Shut-In(2)
127	1764.71	114.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCMW 4%O35%M61%W	0.30
120.00	CO	1.14

Gas Rates

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



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TOOL DIAGRAM

Palomino Petroleum Inc
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ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47159 **DST#: 1**
Test Start: 2012.05.29 @ 08:00:23

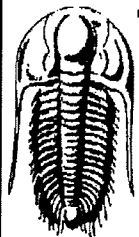
Tool Information

Drill Pipe:	Length: 3601.00 ft	Diameter: 3.80 inches	Volume: 50.51 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3722.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3702.00	
Shut In Tool	5.00			3707.00	
Hydraulic tool	5.00			3712.00	
Packer	5.00			3717.00	21.00 Bottom Of Top Packer
Packer	5.00			3722.00	
Stubb	1.00			3723.00	
Recorder	0.00	6625	Inside	3723.00	
Recorder	0.00	8700	Outside	3723.00	
Perforations	24.00			3747.00	
Bullnose	3.00			3750.00	28.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



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FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827

ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47159 **DST#: 1**
Test Start: 2012.05.29 @ 08:00:23

Mud and Cushion Information

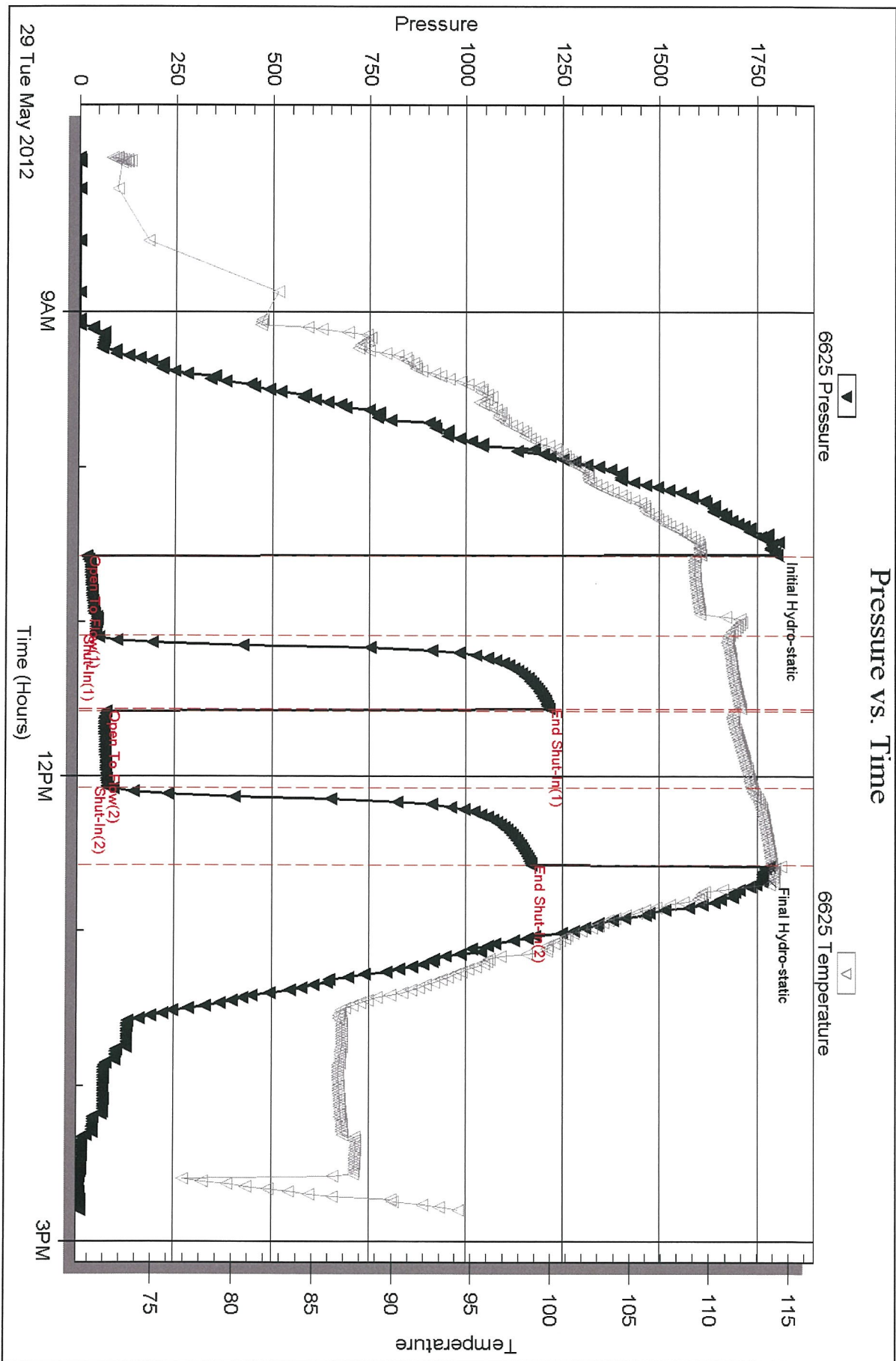
Mud Type: Gel Chem	Cushion Type:	Oil API: 23 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 85000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.95 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: 1.00 inches		

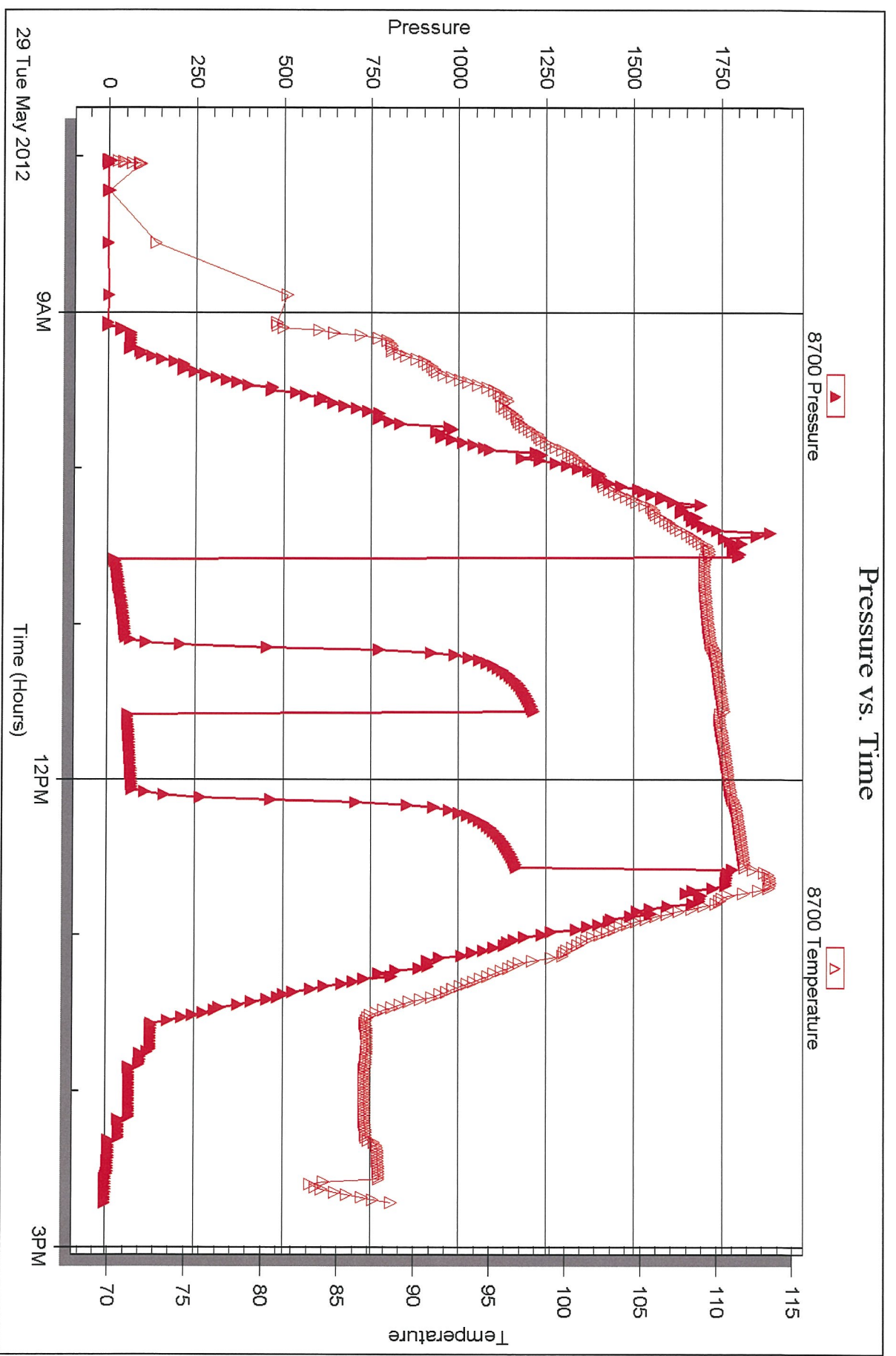
Recovery Information

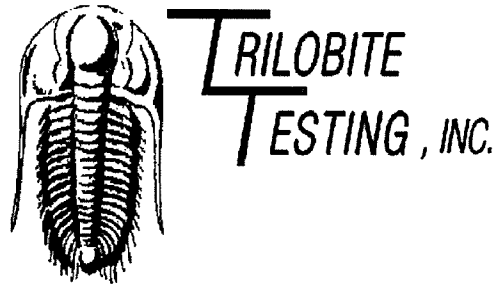
Recovery Table

Length ft	Description	Volume bbl
60.00	SOCMW 4%O35%M61%W	0.295
120.00	CO	1.137

Total Length: 180.00 ft Total Volume: 1.432 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: RW .08 @ 80F







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Klee Watchous

Basgall-Santee #1

16-15s-23w Trego,KS

Start Date: 2012.05.31 @ 02:10:43

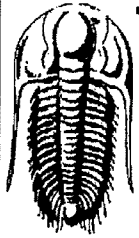
End Date: 2012.05.31 @ 08:56:37

Job Ticket #: 47160 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47160 **DST#: 2**
Test Start: 2012.05.31 @ 02:10:43

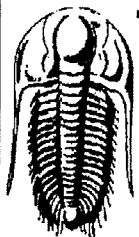
Tool Information

Drill Pipe:	Length: 4040.00 ft	Diameter: 3.80 inches	Volume: 56.67 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 57.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4169.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.00 ft			
Tool Length:	97.00 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			4149.00	
Shut In Tool	5.00			4154.00	
Hydraulic tool	5.00			4159.00	
Packer	5.00			4164.00	21.00 Bottom Of Top Packer
Packer	5.00			4169.00	
Stubb	1.00			4170.00	
Perforations	8.00			4178.00	
Recorder	0.00	6625	Inside	4178.00	
Recorder	0.00	8700	Outside	4178.00	
Blank Spacing	64.00			4242.00	
Bullnose	3.00			4245.00	76.00 Bottom Packers & Anchor

Total Tool Length: 97.00



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FLUID SUMMARY

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4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47160 **DST#: 2**
Test Start: 2012.05.31 @ 02:10:43

Mud and Cushion Information

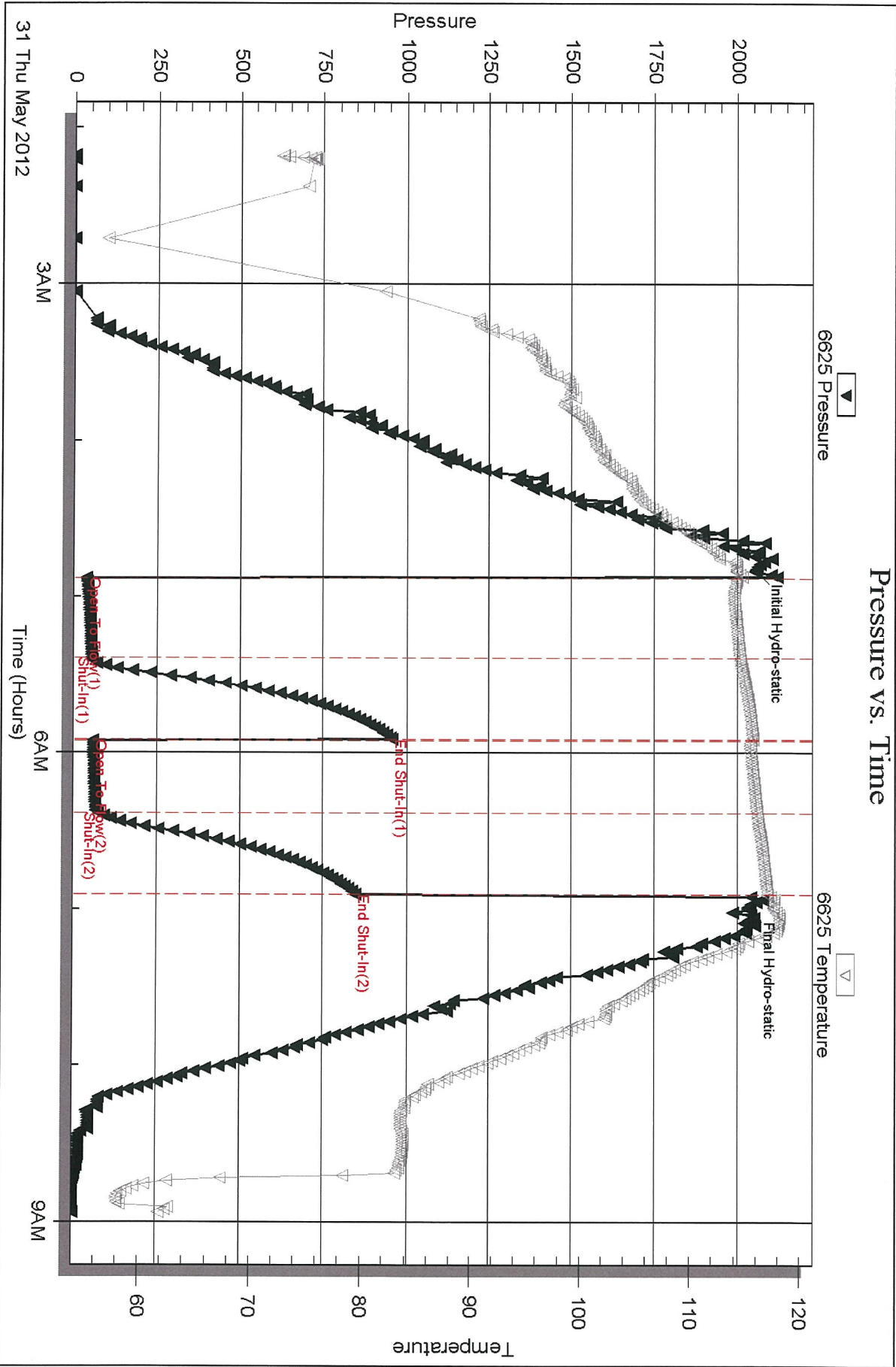
Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.94 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	CO	0.015
70.00	OCM 14%O86%M	0.344

Total Length: 73.00 ft Total Volume: 0.359 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:



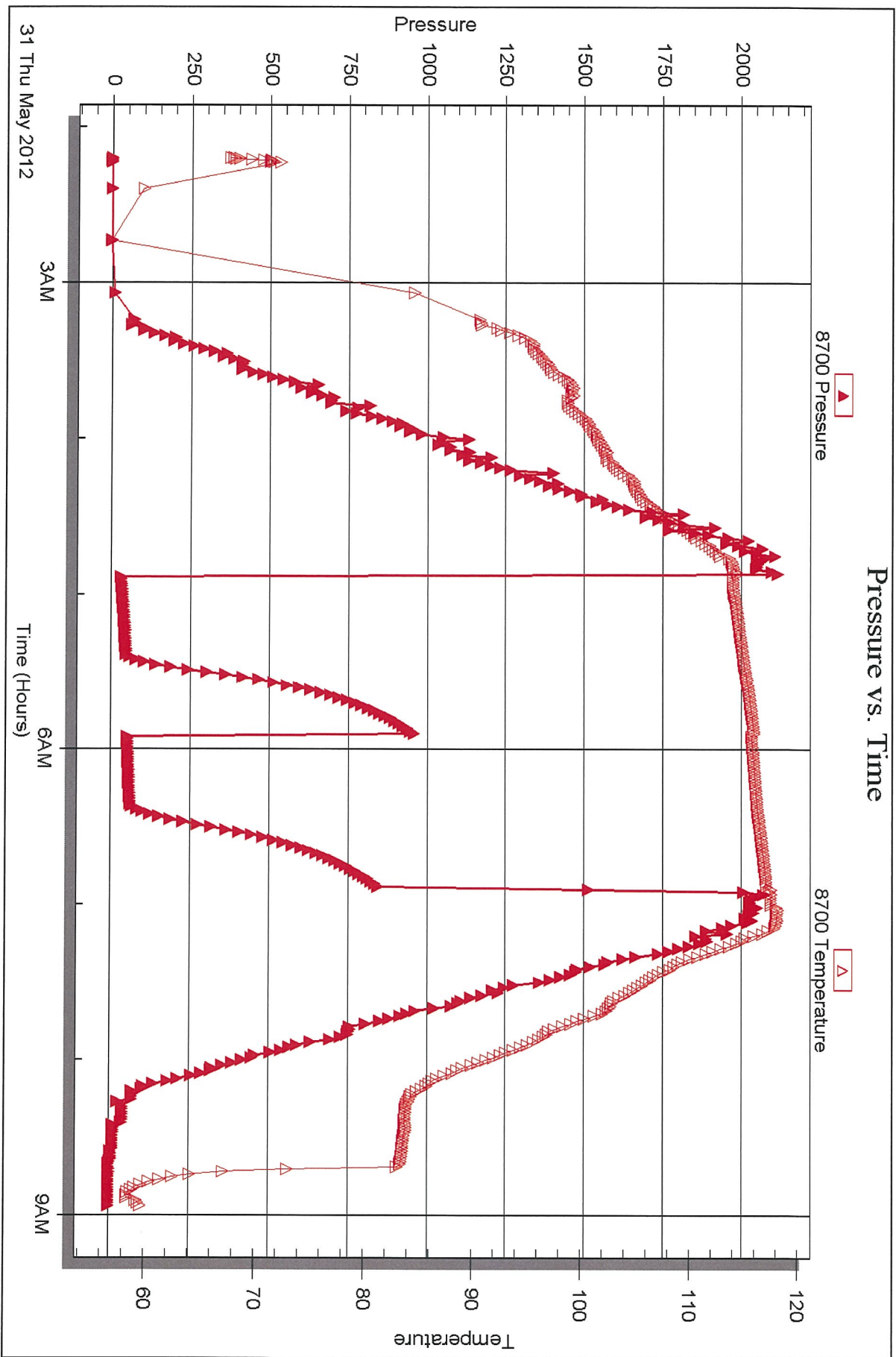
Serial #: 8700

Outside

Palomino Petroleum Inc

Basgal-Santee #1

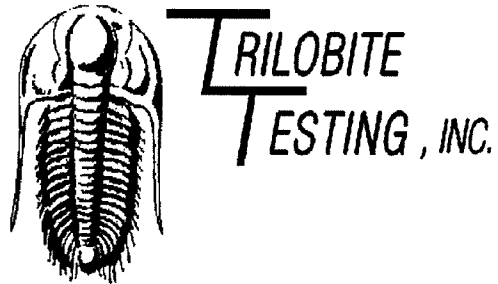
DST Test Number: 2



Trilobite Testing, Inc

Ref. No.: 47160

Printed: 2012.06.01 @ 11:02:19



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Klee Watchous

Basgall-Santee #1

16-15s-23w Trego,KS

Start Date: 2012.05.31 @ 16:30:06

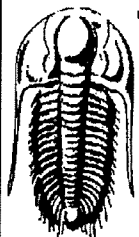
End Date: 2012.05.31 @ 23:37:30

Job Ticket #: 47161 DST #: 3

Trilobite Testing, Inc

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New ton KS 67114-8827
ATTN: Klee Watchous

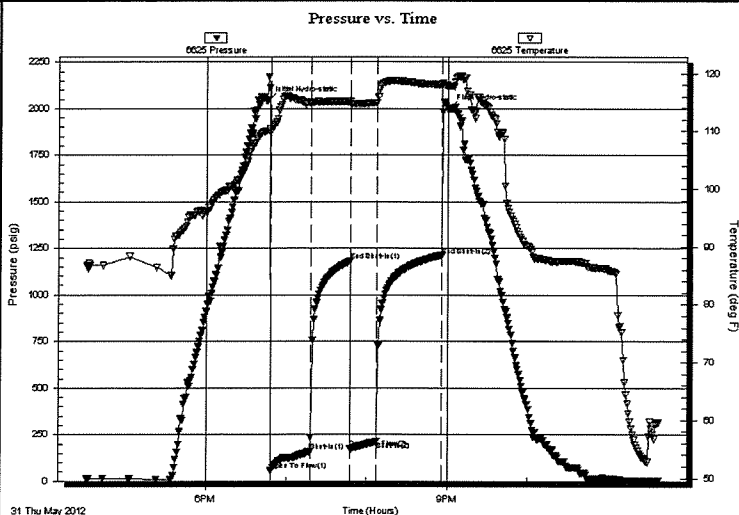
16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47161 **DST#: 3**
Test Start: 2012.05.31 @ 16:30:06

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:48:31
Time Test Ended: 23:37:30
Interval: **4170.00 ft (KB) To 4259.00 ft (KB) (TVD)**
Total Depth: 4259.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 2290.00 ft (KB)
2283.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6625 Inside
Press@RunDepth: 214.16 psig @ 4172.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.31 End Date: 2012.05.31 Last Calib.: 2012.05.31
Start Time: 16:30:06 End Time: 23:37:30 Time On Btm: 2012.05.31 @ 18:45:31
Time Off Btm: 2012.05.31 @ 21:01:00

TEST COMMENT: 30-IFP-w k to strg in 13 min
30-ISIP-surface bl bk
20-FFP-w k to strg in 16 min
45-FSIP-no bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2043.37	110.05	Initial Hydro-static
3	59.11	110.03	Open To Flow (1)
33	159.24	114.89	Shut-In(1)
62	1180.37	115.17	End Shut-In(1)
63	174.81	114.77	Open To Flow (2)
82	214.16	114.98	Shut-In(2)
130	1208.88	118.10	End Shut-In(2)
136	1998.13	117.91	Final Hydro-static

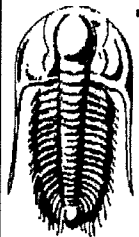
Recovery

Length (ft)	Description	Volume (bbl)
248.00	MGO 10%G5%M85%O	2.39
186.00	MGO 10%G30%M60%O	2.61
30.00	HO&GCM 5%G45%O50%M	0.42

* Recovery from multiple tests

Gas Rates

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



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TOOL DIAGRAM

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New ton KS 67114-8827

ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47161 **DST#: 3**
Test Start: 2012.05.31 @ 16:30:06

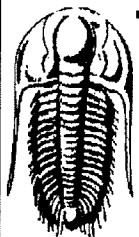
Tool Information

Drill Pipe:	Length: 4039.00 ft	Diameter: 3.80 inches	Volume: 56.66 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 57.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4170.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	110.00 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			4150.00	
Shut In Tool	5.00			4155.00	
Hydraulic tool	5.00			4160.00	
Packer	5.00			4165.00	21.00 Bottom Of Top Packer
Packer	5.00			4170.00	
Stubb	1.00			4171.00	
Perforations	1.00			4172.00	
Recorder	0.00	6625	Inside	4172.00	
Recorder	0.00	8700	Outside	4172.00	
Blank Spacing	65.00			4237.00	
Perforations	19.00			4256.00	
Bullnose	3.00			4259.00	89.00 Bottom Packers & Anchor

Total Tool Length: 110.00



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4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47161 **DST#: 3**
Test Start: 2012.05.31 @ 16:30:06

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: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	MGO 10%G5%M85%O	2.386
186.00	MGO 10%G30%M60%O	2.609
30.00	HO&GCM 5%G45%O50%M	0.421

Total Length: 464.00 ft Total Volume: 5.416 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6625

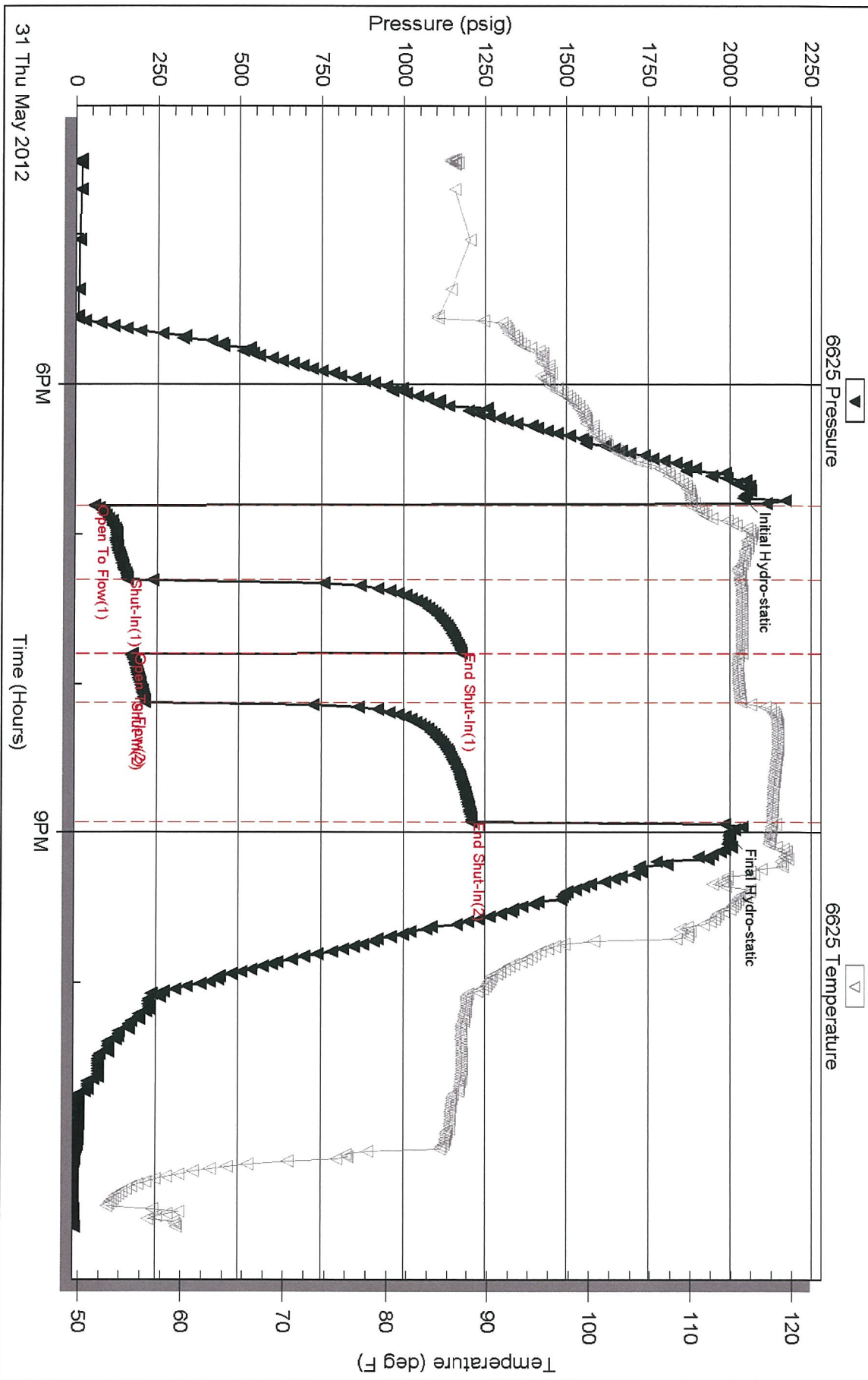
Inside

Palomino Petroleum Inc

Basgal-Santee #1

DST Test Number: 3

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 47161

Printed: 2012.06.01 @ 11:01:32

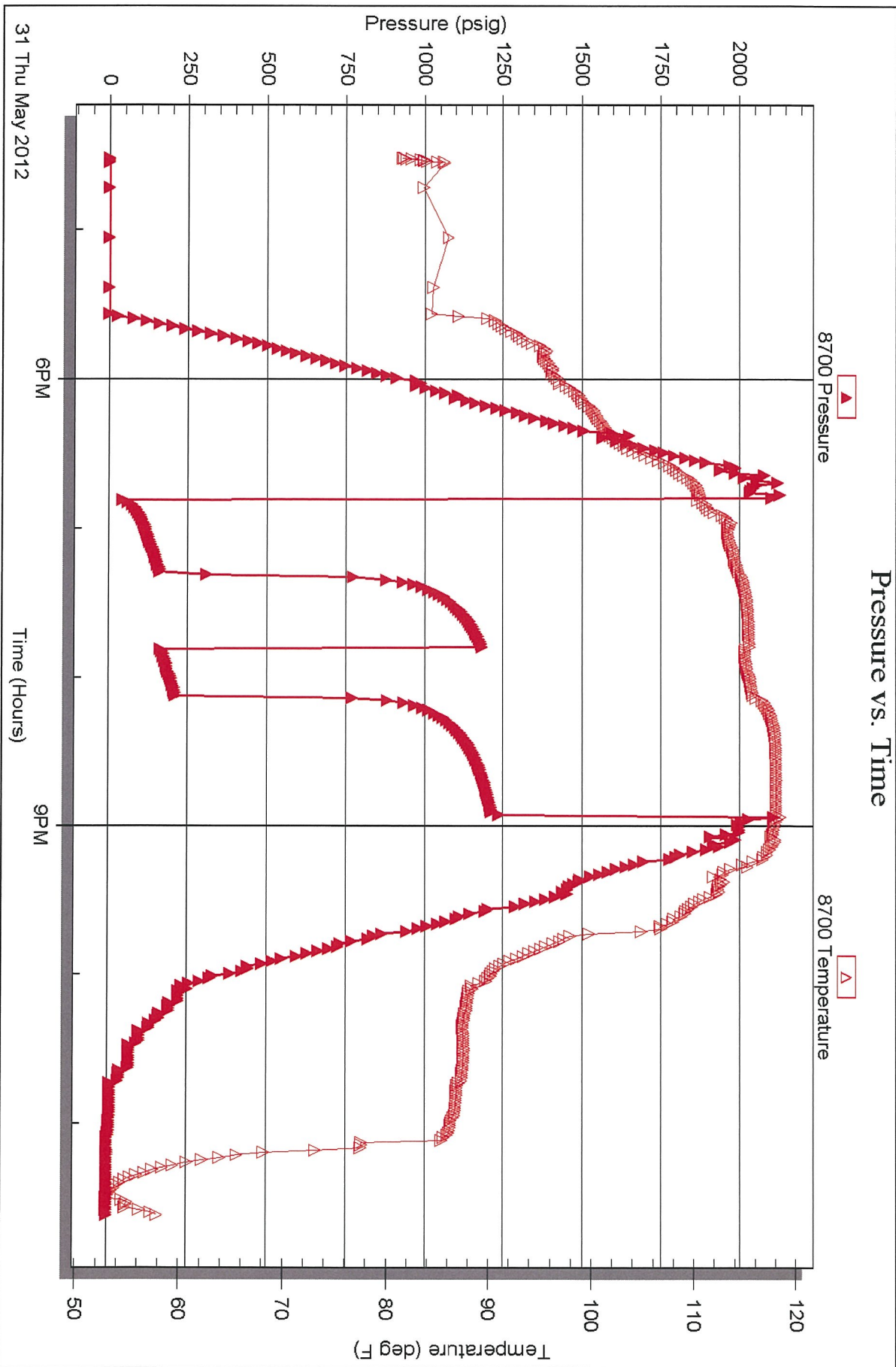
Serial #: 8700

Outside

Palomino Petroleum Inc

Basgal-Santee #1

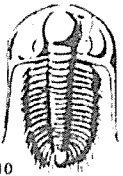
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 47161

Printed: 2012.06.01 @ 11:01:33



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47159

Well Name & No. BASGALL-SANTee #1 Test No. 1 Date 5-29-12
 Company PALomino Petroleum Inc Elevation 2290 KB 2283 GL
 Address 4924 SE 84th ST Newton, Ks 67114-8827
 Co. Rep / Geo. Phil Askey Rig WWrig/2
 Location: Sec. 16 Twp. 15^s Rge. 23^w Co. 7290 State Ks

Interval Tested 3722-3750 Zone Tested LKC 0-E
 Anchor Length 28 Drill Pipe Run 3601 Mud Wt. 9
 Top Packer Depth 3717 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 3722 Wt. Pipe Run - WL 10
 Total Depth 3750 Chlorides 3500 ppm System LCM 2#

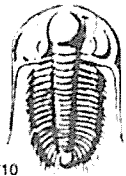
Blow Description IFP - WEAK TO A FAIR BLOW 1/4" TO 4" BLOW
ISIP - NO BLOW
FFP - WEAK BLOW THRU-OUT SURFACE TO 2" BLOW
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Co</u>				
<u>60</u>	<u>50 CMW</u>		<u>4</u>	<u>61</u>	<u>35</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 180 BHT 114 Gravity 23 API RW .08 @ 80 °F Chlorides 85000 ppm
 (A) Initial Hydrostatic 1785 Test 1150 T-On Location 0515
 (B) First Initial Flow 23 Jars T-Started 0800
 (C) First Final Flow 48 Safety Joint T-Open 1030
 (D) Initial Shut-In 1214 Circ Sub T-Pulled 1230
 (E) Second Initial Flow 75 Hourly Standby T-Out 1448
 (F) Second Final Flow 80 Mileage 110 RT 170.50 Comments _____
 (G) Final Shut-In 1168 Sampler _____
 (H) Final Hydrostatic 1764 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____
 Initial Shut-In 30 Extra Recorder _____
 Final Flow 30 Day Standby _____
 Final Shut-In 30 Accessibility _____
 Sub Total 1320.50 MP/DST Disc't _____

Approved By Phil Askey Our Representative Ray Schwarz *Thank you*
 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. 47160

4/10

Well Name & No. BASGALL-Santee #1 Test No. 2 Date 5-31-12
 Company PALOMINO Petroleum INC Elevation 2290 KB 2283 GL
 Address 4924 SE 84th ST, Newton, Ko 67114-8827
 Co. Rep / Geo. Phil Askey Rig WW rig 12
 Location: Sec. 16 Twp. 15^s Rge. 23^w Co. Trego State Ko

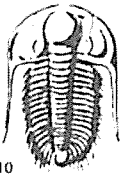
Interval Tested 4169-4245 Zone Tested MISS
 Anchor Length 76 Drill Pipe Run 4040 Mud Wt. 9.4
 Top Packer Depth 4164 Drill Collars Run 120 Vis 52
 Bottom Packer Depth 4169 Wt. Pipe Run - WL 10
 Total Depth 4245 Chlorides 3500 ppm System LCM 2#
 Blow Description IFP - WEAK Blow 1/2" To 1/4" Blow
ISIP - NO Blow
FFP - NO Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>CO</u>				
<u>70</u>	<u>OCM</u>		<u>14</u>		<u>86</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 73 BHT 117 Gravity 35 API RW - @ - ° F Chlorides - ppm
 (A) Initial Hydrostatic 2054 Test 1250 T-On Location 0030
 (B) First Initial Flow 39 Jars T-Started 0210
 (C) First Final Flow 54 Safety Joint T-Open 0450
 (D) Initial Shut-In 957 Circ Sub T-Pulled 0650
 (E) Second Initial Flow 60 Hourly Standby T-Out 0856
 (F) Second Final Flow 77 Mileage 110 RT 170.50 Comments _____
 (G) Final Shut-In 848 Sampler _____
 (H) Final Hydrostatic 2031 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1420.50

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

Approved By Phil Askey Our Representative RAY SCHWAGER Thank you
 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. 47161

Well Name & No. BASGALL-SANTee #1 Test No. 3 Date 5-31-12
 Company PALOMINO PETROLEUM INC Elevation 2290 KB 2283 GL
 Address 4924 SE 84th ST. NEWTON, Ks 67114-8827
 Co. Rep / Geo. Phil Askey Rig WW rig 12
 Location: Sec. 16 Twp. 15s Rge. 23w Co. Trego State Ks

Interval Tested 4170-4259 Zone Tested MISS
 Anchor Length 89 Drill Pipe Run 4039 Mud Wt. 9.4
 Top Packer Depth 4165 Drill Collars Run 120 Vis 46
 Bottom Packer Depth 4170 Wt. Pipe Run - WL 8.8
 Total Depth 4259 Chlorides 3300 ppm System LCM 1#

Blow Description IFP - WEAK TO A STRONG BLOW IN 13min
ISIP - SURFACE BLOW BACK
FFP - WEAK TO A STRONG BLOW IN 16min
FSIP - SURFACE BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
248	M60	10	85	5	
186	M60	10	60	30	
30	H046CM	5	45	50	

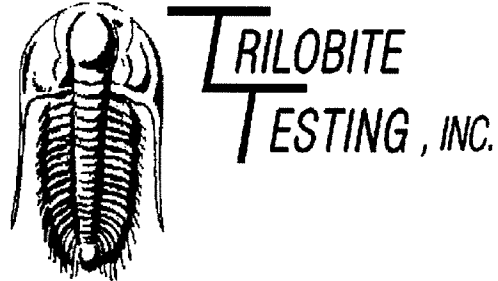
Rec Total 464 BHT 118 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 2043 Test 1250 T-On Location 1520
 (B) First Initial Flow 59 Jars T-Started 1630
 (C) First Final Flow 159 Safety Joint T-Open 1850
 (D) Initial Shut-In 1180 Circ Sub T-Pulled 2055
 (E) Second Initial Flow 174 Hourly Standby T-Out 2337
 (F) Second Final Flow 214 Mileage 170.50 Comments Loaded Tool 12 AM
 (G) Final Shut-In 1208 Sampler 6-1-12
 (H) Final Hydrostatic 1998 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1420.50
 Accessibility MP/DST Disc't
 Sub Total 1420.50

Initial Open 30
 Initial Shut-In 30
 Final Flow 20
 Final Shut-In 45
 Approved By Phil Askey

Our Representative RAY SCHWAGER THANK YOU

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.



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Klee Watchous

Basgall-Santee #1

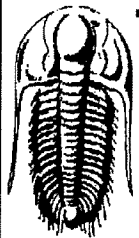
16-15s-23w Trego,KS

Start Date: 2012.05.29 @ 08:00:23

End Date: 2012.05.29 @ 14:48:17

Job Ticket #: 47159 DST #: 1

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc
 4924 SE 84th St
 Newton KS 67114-8827
 ATTN: Klee Watchous

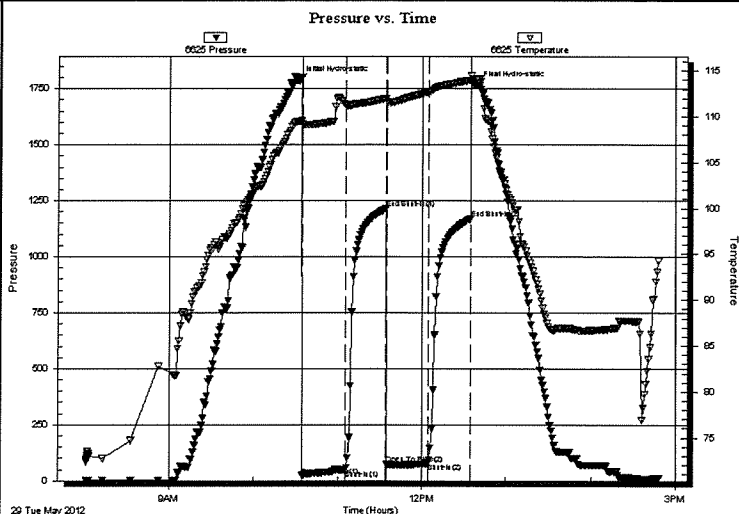
16-15s-23w Trego,KS
Basgall-Santee #1
 Job Ticket: 47159 **DST#: 1**
 Test Start: 2012.05.29 @ 08:00:23

GENERAL INFORMATION:

Formation: **LKC D-E**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:34:18 Tester: Ray Schwager
 Time Test Ended: 14:48:17 Unit No: 42
 Interval: **3722.00 ft (KB) To 3750.00 ft (KB) (TVD)** Reference Elevations: 2290.00 ft (KB)
 Total Depth: 3750.00 ft (KB) (TVD) 2283.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 80.77 psig @ 3723.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.29 End Date: 2012.05.29 Last Calib.: 2012.05.29
 Start Time: 08:00:23 End Time: 14:48:17 Time On Btm: 2012.05.29 @ 10:31:18
 Time Off Btm: 2012.05.29 @ 12:37:47

TEST COMMENT: 30-IFP-w k to a fr bl 1/4" to 4" bl
 30-ISIP-no bl
 30-FFP-w k bl thru-out surface to 2" bl
 30-FSIP-no bl



PRESSURE SUMMARY

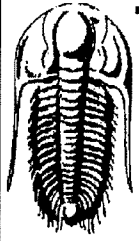
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1785.85	109.45	Initial Hydro-static
3	23.30	109.19	Open To Flow (1)
34	48.32	111.28	Shut-In(1)
63	1214.31	112.00	End Shut-In(1)
64	75.05	111.61	Open To Flow (2)
93	80.77	112.70	Shut-In(2)
123	1168.88	113.97	End Shut-In(2)
127	1764.71	114.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCMW 4%O35%M61%W	0.30
120.00	CO	1.14

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47159 **DST#: 1**
Test Start: 2012.05.29 @ 08:00:23

Tool Information

Drill Pipe:	Length: 3601.00 ft	Diameter: 3.80 inches	Volume: 50.51 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 51.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3722.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	49.00 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			3702.00	
Shut In Tool	5.00			3707.00	
Hydraulic tool	5.00			3712.00	
Packer	5.00			3717.00	21.00 Bottom Of Top Packer
Packer	5.00			3722.00	
Stubb	1.00			3723.00	
Recorder	0.00	6625	Inside	3723.00	
Recorder	0.00	8700	Outside	3723.00	
Perforations	24.00			3747.00	
Bullnose	3.00			3750.00	28.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47159 **DST#: 1**
Test Start: 2012.05.29 @ 08:00:23

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	23 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	85000 ppm
Viscosity:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.95 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCMW 4%O35%M61%W	0.295
120.00	CO	1.137

Total Length: 180.00 ft Total Volume: 1.432 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: RW .08 @ 80F

Serial #: 6625

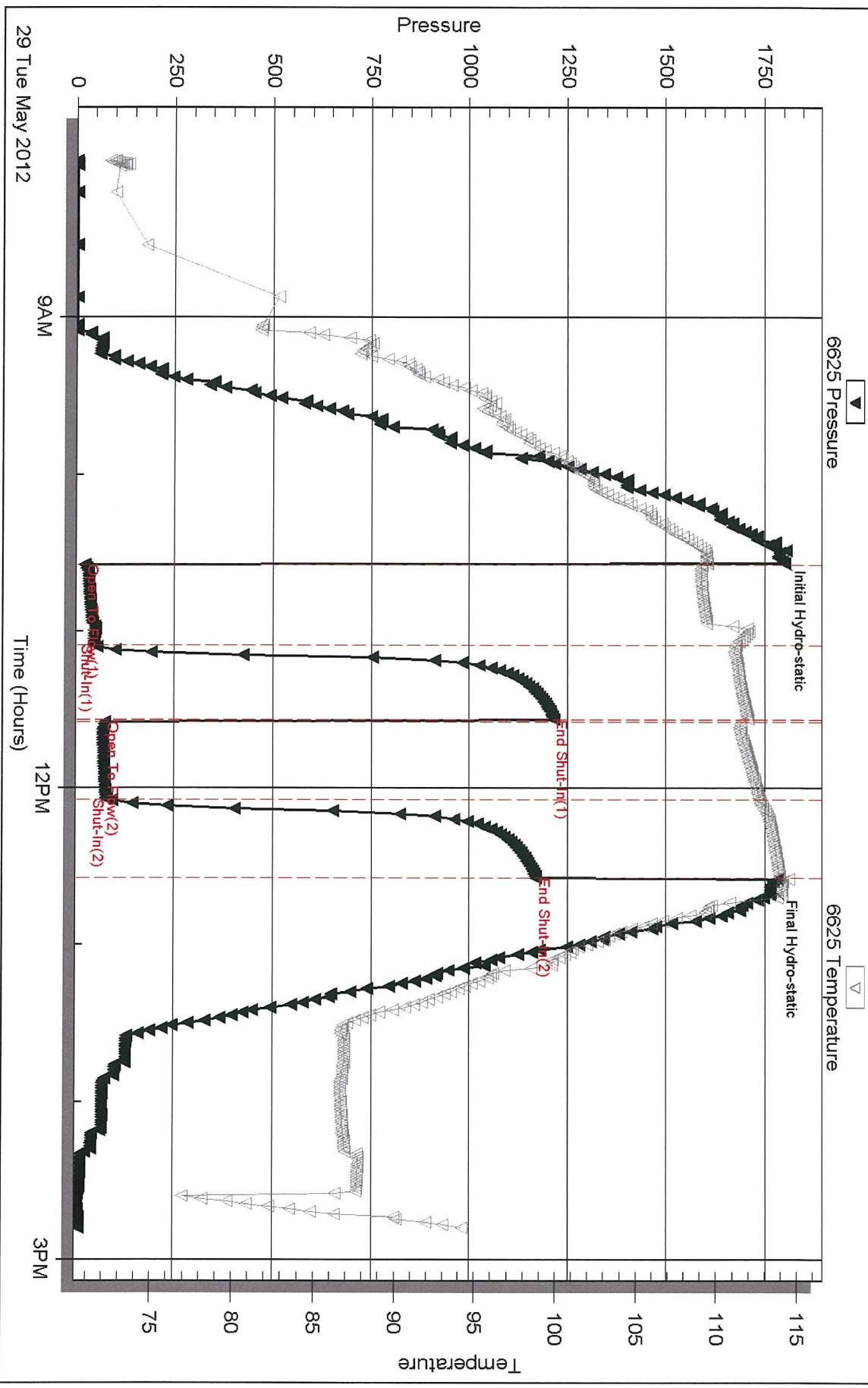
Inside

Palomino Petroleum Inc

Basgal-Santee #1

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 47159

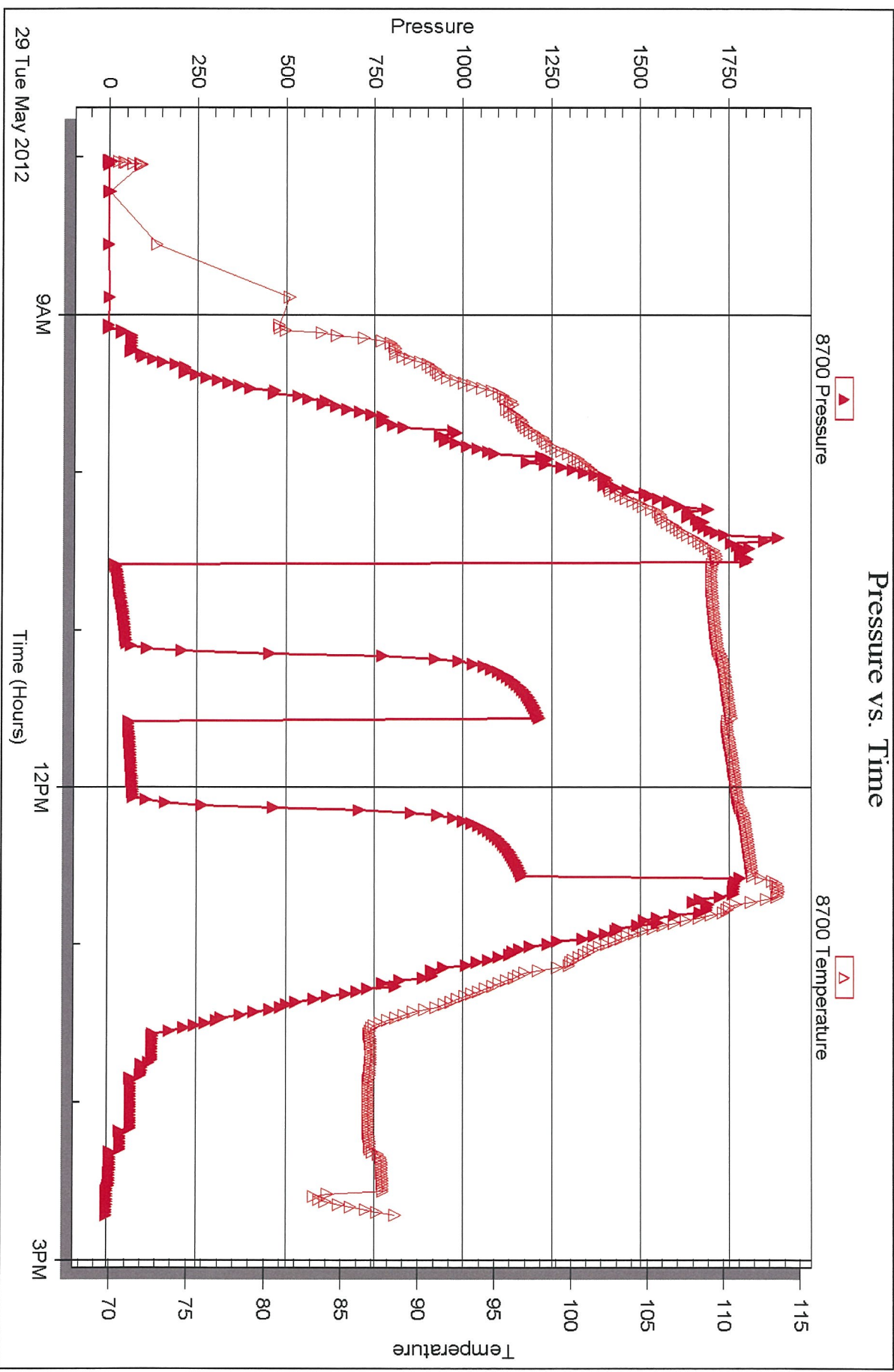
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Serial #: 8700

Outside Palomino Petroleum Inc

Basgal-Santee #1

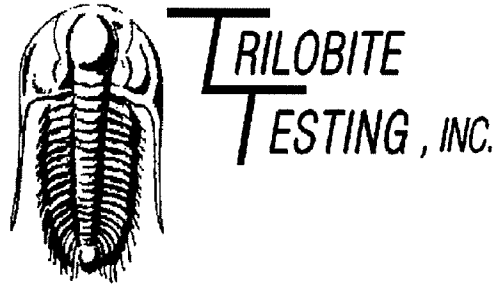
DST Test Number: 1



Trilobe Testing, Inc

Ref. No: 47159

Printed: 2012.06.01 @ 11:03:18



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Klee Watchous

Basgall-Santee #1

16-15s-23w Trego,KS

Start Date: 2012.05.31 @ 02:10:43

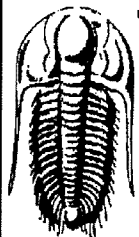
End Date: 2012.05.31 @ 08:56:37

Job Ticket #: 47160 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827

ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47160 **DST#: 2**
Test Start: 2012.05.31 @ 02:10:43

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:52:38
Time Test Ended: 08:56:37

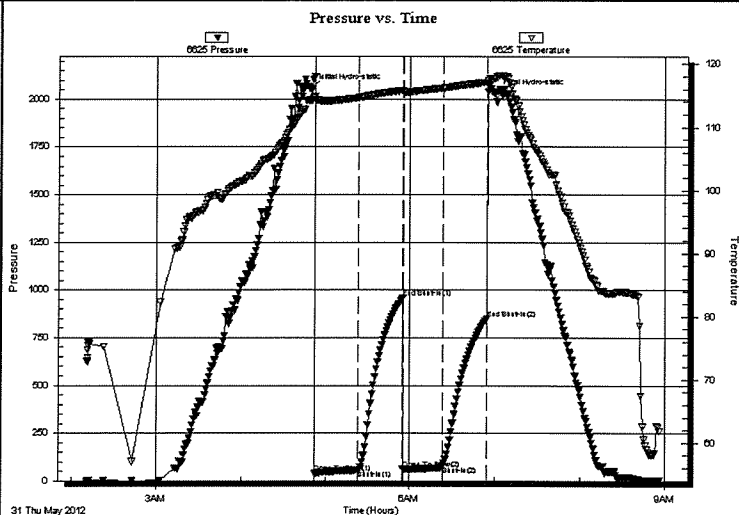
Interval: **4169.00 ft (KB) To 4245.00 ft (KB) (TVD)**
Total Depth: 4245.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 42

Reference Elevations: 2290.00 ft (KB)
2283.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6625 Inside
Press@RunDepth: 77.01 psig @ 4178.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.31 End Date: 2012.05.31 Last Calib.: 2012.05.31
Start Time: 02:10:43 End Time: 08:56:37 Time On Btm: 2012.05.31 @ 04:49:38
Time Off Btm: 2012.05.31 @ 06:59:37

TEST COMMENT: 30-IFP-w k bl 1/2" to 1 1/4" bl
30-ISIP-no bl
30-FFP-no bl
30-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2054.66	114.31	Initial Hydro-static
3	39.91	114.34	Open To Flow (1)
34	54.96	114.60	Shut-In(1)
65	957.15	115.81	End Shut-In(1)
66	60.71	115.61	Open To Flow (2)
94	77.01	116.16	Shut-In(2)
125	848.19	117.10	End Shut-In(2)
130	2031.66	117.68	Final Hydro-static

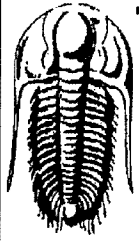
Recovery

Length (ft)	Description	Volume (bbl)
3.00	CO	0.01
70.00	OCM 14%O86%M	0.34

* 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 Inc
4924 SE 84th St
New ton KS 67114-8827

ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47160 **DST#: 2**
Test Start: 2012.05.31 @ 02:10:43

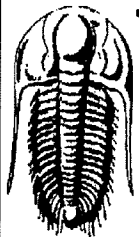
Tool Information

Drill Pipe:	Length: 4040.00 ft	Diameter: 3.80 inches	Volume: 56.67 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 57.26 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4169.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	76.00 ft			
Tool Length:	97.00 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			4149.00	
Shut In Tool	5.00			4154.00	
Hydraulic tool	5.00			4159.00	
Packer	5.00			4164.00	21.00 Bottom Of Top Packer
Packer	5.00			4169.00	
Stubb	1.00			4170.00	
Perforations	8.00			4178.00	
Recorder	0.00	6625	Inside	4178.00	
Recorder	0.00	8700	Outside	4178.00	
Blank Spacing	64.00			4242.00	
Bullnose	3.00			4245.00	76.00 Bottom Packers & Anchor

Total Tool Length: 97.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47160 **DST#: 2**
Test Start: 2012.05.31 @ 02:10:43

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.94 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3500.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	CO	0.015
70.00	OCM 14%O86%M	0.344

Total Length: 73.00 ft Total Volume: 0.359 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

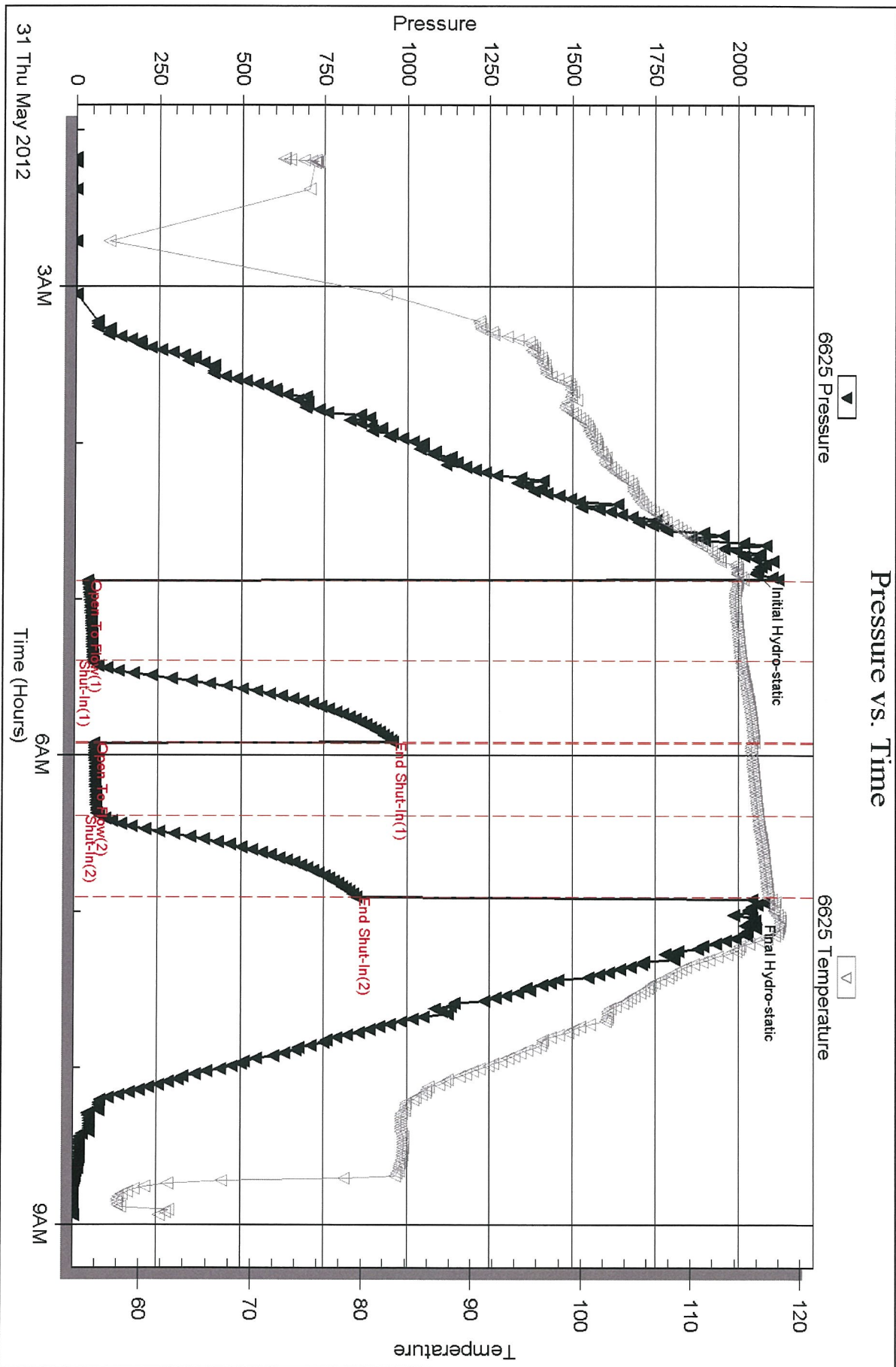
Serial #: 6625

Inside

Palomno Petroleum Inc

Basgall-Santee #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 47160

Printed: 2012.06.01 @ 11:02:18

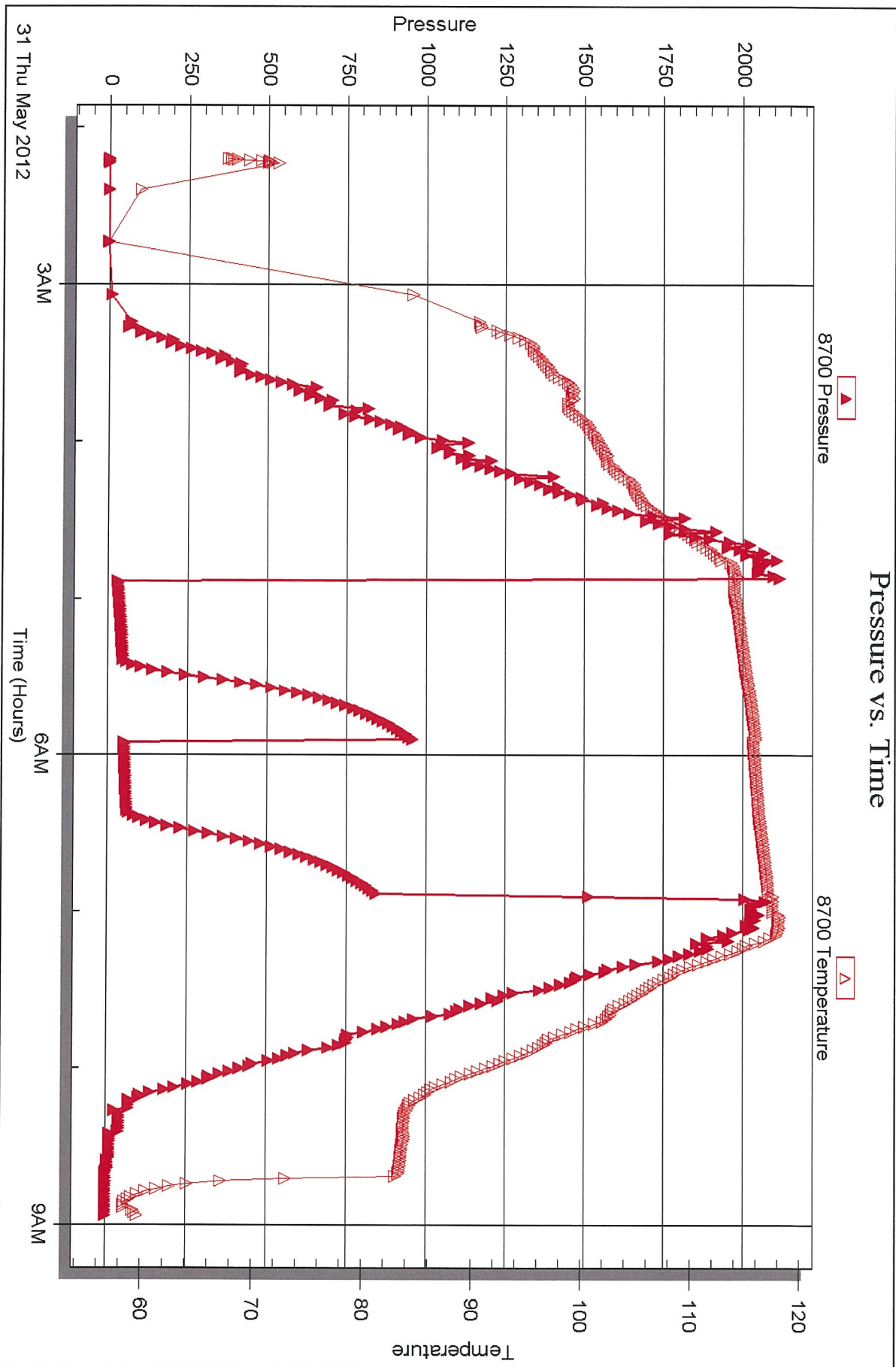
Serial #: 8700

Outside

Palomino Petroleum Inc

Basgal-Santee #1

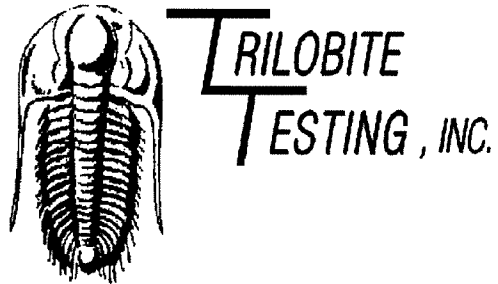
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 47160

Printed: 2012.06.01 @ 11:02:19



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Klee Watchous

Basgall-Santee #1

16-15s-23w Trego,KS

Start Date: 2012.05.31 @ 16:30:06

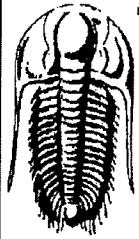
End Date: 2012.05.31 @ 23:37:30

Job Ticket #: 47161 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

16-15s-23w Trego,KS

Basgall-Santee #1

Job Ticket: 47161

DST#: 3

Test Start: 2012.05.31 @ 16:30:06

GENERAL INFORMATION:

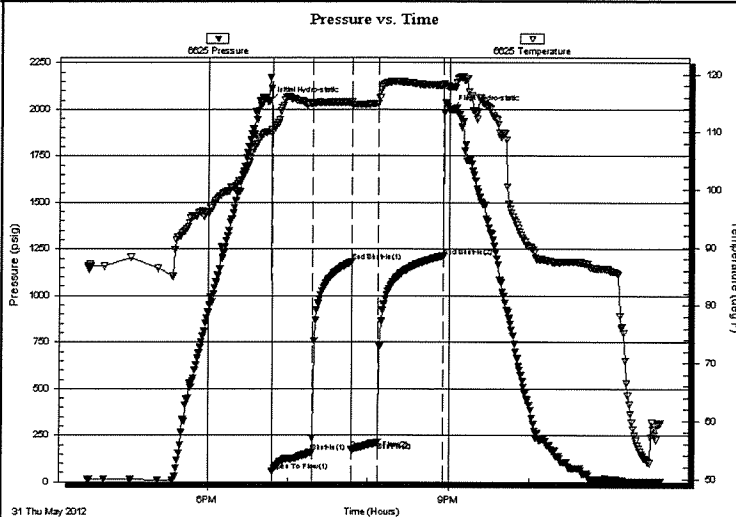
Formation: **Miss**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:48:31
Time Test Ended: 23:37:30
Interval: **4170.00 ft (KB) To 4259.00 ft (KB) (TVD)**
Total Depth: 4259.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Ray Schwager
Unit No: 42
Reference Elevations: 2290.00 ft (KB)
2283.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6625

Inside

Press@RunDepth: 214.16 psig @ 4172.00 ft (KB)
Start Date: 2012.05.31 End Date: 2012.05.31
Start Time: 16:30:06 End Time: 23:37:30
Capacity: 8000.00 psig
Last Calib.: 2012.05.31
Time On Btm: 2012.05.31 @ 18:45:31
Time Off Btm: 2012.05.31 @ 21:01:00

TEST COMMENT: 30-IFP-w k to strg in 13 min
30-ISIP-surface bl bk
20-FFP-w k to strg in 16 min
45-FSIP-no bl bk



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2043.37	110.05	Initial Hydro-static
3	59.11	110.03	Open To Flow (1)
33	159.24	114.89	Shut-In(1)
62	1180.37	115.17	End Shut-In(1)
63	174.81	114.77	Open To Flow (2)
82	214.16	114.98	Shut-In(2)
130	1208.88	118.10	End Shut-In(2)
136	1998.13	117.91	Final Hydro-static

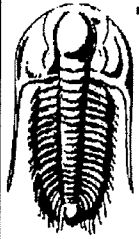
Recovery

Length (ft)	Description	Volume (bbl)
248.00	MGO 10%G5%M85%O	2.39
186.00	MGO 10%G30%M60%O	2.61
30.00	HO&GCM 5%G45%O50%M	0.42

* 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 Inc
4924 SE 84th St
New ton KS 67114-8827

ATTN: Klee Watchous

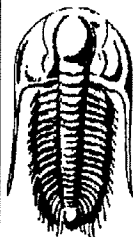
16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47161 **DST#: 3**
Test Start: 2012.05.31 @ 16:30:06

Tool Information

Drill Pipe:	Length: 4039.00 ft	Diameter: 3.80 inches	Volume: 56.66 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 57.25 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4170.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	110.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4150.00	
Shut In Tool	5.00			4155.00	
Hydraulic tool	5.00			4160.00	
Packer	5.00			4165.00	21.00 Bottom Of Top Packer
Packer	5.00			4170.00	
Stubb	1.00			4171.00	
Perforations	1.00			4172.00	
Recorder	0.00	6625	Inside	4172.00	
Recorder	0.00	8700	Outside	4172.00	
Blank Spacing	65.00			4237.00	
Perforations	19.00			4256.00	
Bullnose	3.00			4259.00	89.00 Bottom Packers & Anchor
Total Tool Length:		110.00			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827

ATTN: Klee Watchous

16-15s-23w Trego,KS
Basgall-Santee #1
Job Ticket: 47161 **DST#: 3**
Test Start: 2012.05.31 @ 16:30:06

Mud and Cushion Information

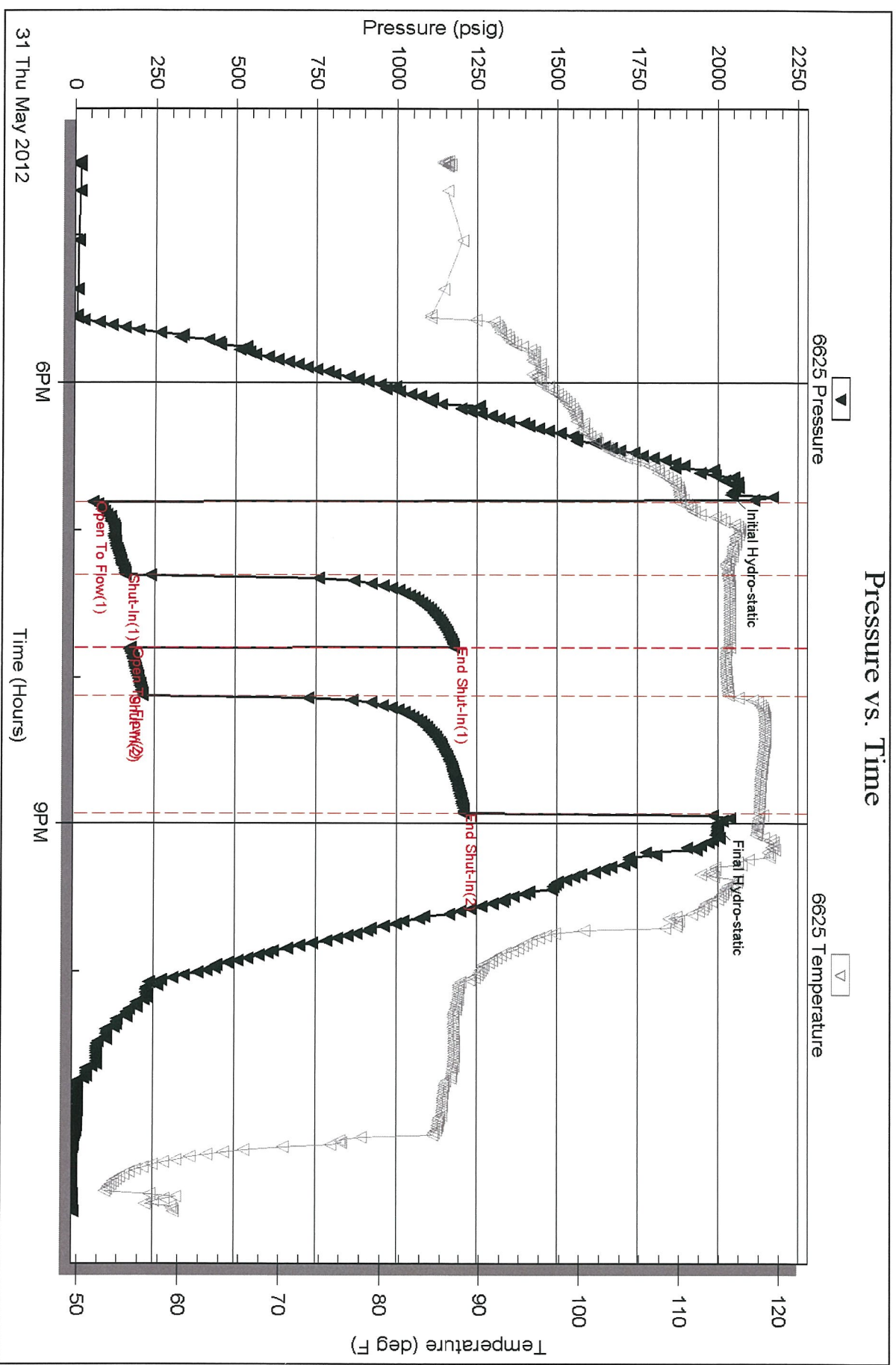
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	MGO 10%G5%M85%O	2.386
186.00	MGO 10%G30%M60%O	2.609
30.00	HO&GCM 5%G45%O50%M	0.421

Total Length: 464.00 ft Total Volume: 5.416 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

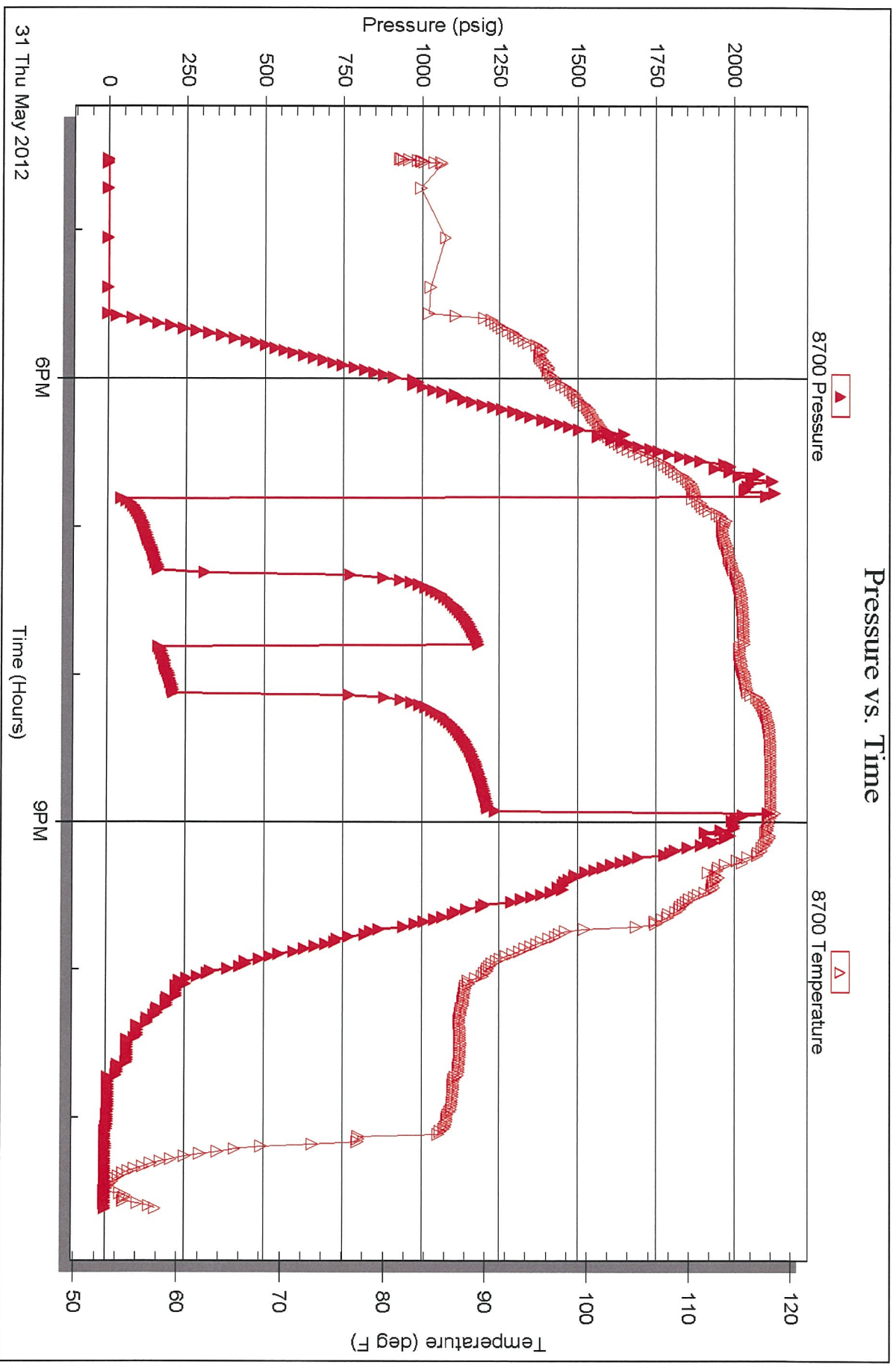


Serial #: 8700

Outside Palomino Petroleum Inc

Basgal-Santee #1

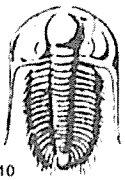
DST Test Number: 3



Tribolite Testing, Inc

Ref. No: 47161

Printed: 2012.06.01 @ 11:01:33



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47159

Well Name & No. BASGALL-Santee #1 Test No. 1 Date 5-29-12
 Company PALOMINO Petroleum Inc Elevation 2290 KB 2283 GL
 Address 4924 SE 84th ST Newton, Ks 67114-8827
 Co. Rep / Geo. Phil Askey Rig WWrig12
 Location: Sec. 16 Twp. 15^s Rge. 23^w Co. 7290 State Ks

Interval Tested 3722-3750 Zone Tested LKC D-E
 Anchor Length 28 Drill Pipe Run 3601 Mud Wt. 9
 Top Packer Depth 3717 Drill Collars Run 120 Vis 48
 Bottom Packer Depth 3722 Wt. Pipe Run — WL 10
 Total Depth 3750 Chlorides 3500 ppm System LCM 2#

Blow Description IFP - WEAK TO A FAIR BLOW 1/4" TO 4" BLOW
ISIP - NO BLOW
FFP - WEAK BLOW THRU-OUT SURFACE TO 2" BLOW
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Co</u>				
<u>60</u>	<u>50 CMW</u>		<u>4</u>	<u>61</u>	<u>35</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 180 BHT 114 Gravity 23 API RW .08 @ 80 °F Chlorides 85000 ppm

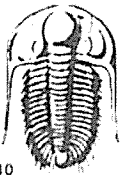
(A) Initial Hydrostatic 1785 Test 1150 T-On Location 0515
 (B) First Initial Flow 23 Jars T-Started 0800
 (C) First Final Flow 48 Safety Joint T-Open 1030
 (D) Initial Shut-In 1214 Circ Sub T-Pulled 1230
 (E) Second Initial Flow 75 Hourly Standby T-Out 1448
 (F) Second Final Flow 80 Mileage 110 RT 170.50 Comments
 (G) Final Shut-In 1168 Sampler
 (H) Final Hydrostatic 1764 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 30 Extra Recorder Sub Total 0
 Initial Shut-In 30 Day Standby Total 1320.50
 Final Flow 30 Accessibility MP/DST Disc't
 Final Shut-In 30 Sub Total 1320.50

Approved By Phil Askey

Our Representative Ray Schwarz

Thank you

Trilobite Testing Inc. shall not be liable for damaged or 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. 47160

4/10

Well Name & No. BASGALL-Santee #1 Test No. 2 Date 5-31-12
 Company PALOMINO Petroleum INC Elevation 2290 KB 2283 GL
 Address 4924 SE 84th ST, Newton, Ko 67114-8827
 Co. Rep / Geo. Phil Askey Rig WW-19/12
 Location: Sec. 16 Twp. 15^s Rge. 23^w Co. Trego State Ko

Interval Tested 4169-4245 Zone Tested MISS
 Anchor Length 76 Drill Pipe Run 4040 Mud Wt. 9.4
 Top Packer Depth 4164 Drill Collars Run 120 Vis 52
 Bottom Packer Depth 4169 Wt. Pipe Run - WL 10
 Total Depth 4245 Chlorides 3500 ppm System LCM 2#
 Blow Description IFP - WEAK Blow 1/2" To 1 1/4" Blow
ISIP - NO Blow
FFP - NO Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
3	CO				
70	OCM		14		86

Rec Total 73 BHT 117 Gravity 35 API RW - @ - ° F Chlorides - ppm
 (A) Initial Hydrostatic 2054 Test 1250 T-On Location 0030
 (B) First Initial Flow 39 Jars T-Started 0210
 (C) First Final Flow 54 Safety Joint T-Open 0450
 (D) Initial Shut-In 957 Circ Sub T-Pulled 0650
 (E) Second Initial Flow 60 Hourly Standby T-Out 0856
 (F) Second Final Flow 77 Mileage 110 RT 170.50 Comments _____
 (G) Final Shut-In 848 Sampler _____
 (H) Final Hydrostatic 2031 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1420.50 Sub Total 0
 Total 1420.50 MP/DST Disc't _____

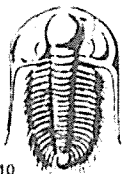
Approved By

Phil Askey

Our Representative

Ray Schwager THANK YOU

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47161

4/10

Well Name & No.	BASGALL-SANTee #1		Test No.	3	Date	5-31-12
Company	PALOMINO PETROLEUM INC		Elevation	2290	KB	2283 GL
Address	4924 SE 84 TH ST. NEWTON, Ks 67114-8827					
Co. Rep / Geo.	Phil Askey		Rig	WW rig 12		
Location: Sec.	16	Twp.	15 ^s	Rge.	23 ^w	Co. Trego State Ks

Interval Tested	4170-4259	Zone Tested	MISS
Anchor Length	89	Drill Pipe Run	4039
Top Packer Depth	4165	Drill Collars Run	120
Bottom Packer Depth	4170	Wt. Pipe Run	-
Total Depth	4259	Chlorides	3300 ppm System
		LCM	1#

Blow Description
 IFP - WEAK TO A STRONG BLOW IN 13 MIN
 ISIP - SURFACE BLOW BACK
 FFP - WEAK TO A STRONG BLOW IN 16 MIN
 FSIP - SURFACE BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
248	M60	10	85	5	
186	M60	10	60	30	
30	H076CM	5	45	50	
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud

Rec Total	464	BHT	118	Gravity	-	API RW	-	@	-	F Chlorides	-	ppm
(A) Initial Hydrostatic	2043	<input checked="" type="checkbox"/> Test	1250	T-On Location	1520							
(B) First Initial Flow	59	<input type="checkbox"/> Jars		T-Started	1630							
(C) First Final Flow	159	<input type="checkbox"/> Safety Joint		T-Open	1850							
(D) Initial Shut-In	1180	<input type="checkbox"/> Circ Sub		T-Pulled	2055							
(E) Second Initial Flow	174	<input type="checkbox"/> Hourly Standby		T-Out	2337							
(F) Second Final Flow	214	<input checked="" type="checkbox"/> Mileage	170.50	Comments	Loaded Tool 12 AM							
(G) Final Shut-In	1208	<input type="checkbox"/> Sampler			6-1-12							
(H) Final Hydrostatic	1998	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer								

Initial Open	30	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	30	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	20	<input type="checkbox"/> Extra Recorder		Sub Total	0
Final Shut-In	45	<input type="checkbox"/> Day Standby		Total	1420.50
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	1420.50		

Approved By Phil Askey

Our Representative RAY SCHWAGER THANK YOU

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