

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th
Newton, KS 67114

ATTN: Nick Gerstner

6-21-13w Stafford,KS

Doonan Enterprises #1

Start Date: 2012.10.06 @ 09:38:04

End Date: 2012.10.06 @ 13:57:19

Job Ticket #: 49683 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.09 @ 14:25:09

Palomino Petroleum Inc

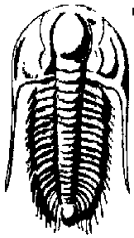
Doonan Enterprises #1

6-21-13w Stafford,KS

DST # 1

Lansing "B & C"

2012.10.06



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49683

DST#: 1

Test Start: 2012.10.06 @ 09:38:04

GENERAL INFORMATION:

Formation: **Lansing "B & C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 13:57:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 3347.00 ft (KB) To 3410.00 ft (KB) (TVD)

Total Depth: 3410.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1921.00 ft (KB)

1912.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798 Inside

Press@RunDepth: psig @ 3348.00 ft (KB)

Start Date: 2012.10.06

End Date:

2012.10.06

Start Time: 09:38:05

End Time:

13:57:19

Capacity: 8000.00 psig

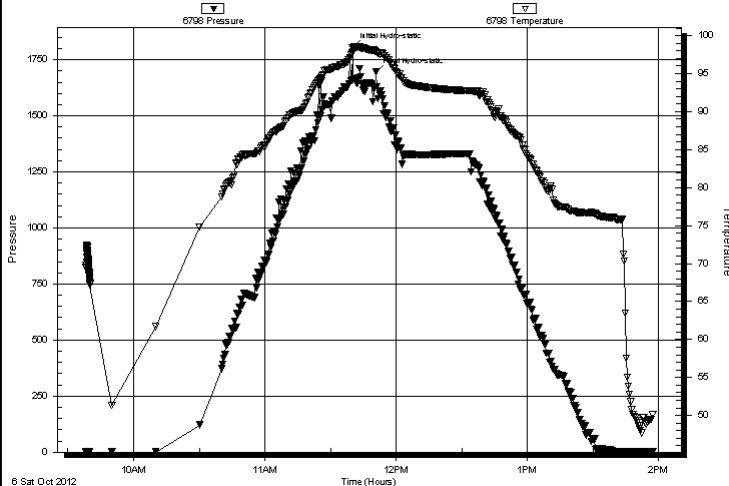
Last Calib.: 2012.10.06

Time On Btm: 2012.10.06 @ 11:40:04

Time Off Btm: 2012.10.06 @ 11:50:49

TEST COMMENT: Unable to get to bottom, hit bridge 83 feet up, unable to get through, pulled test

Pressure vs. Time



PRESSURE SUMMARY

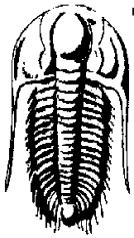
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1805.44	97.75	Initial Hydro-static
11	1694.34	97.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

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
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49683

DST#: 1

Test Start: 2012.10.06 @ 09:38:04

GENERAL INFORMATION:

Formation: **Lansing "B & C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 13:57:19

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: 3347.00 ft (KB) To 3410.00 ft (KB) (TVD)

Total Depth: 3410.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1921.00 ft (KB)

1912.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 3348.00 ft (KB)

Start Date: 2012.10.06

End Date:

2012.10.06

Start Time: 09:38:05

End Time:

13:57:19

Capacity: 8000.00 psig

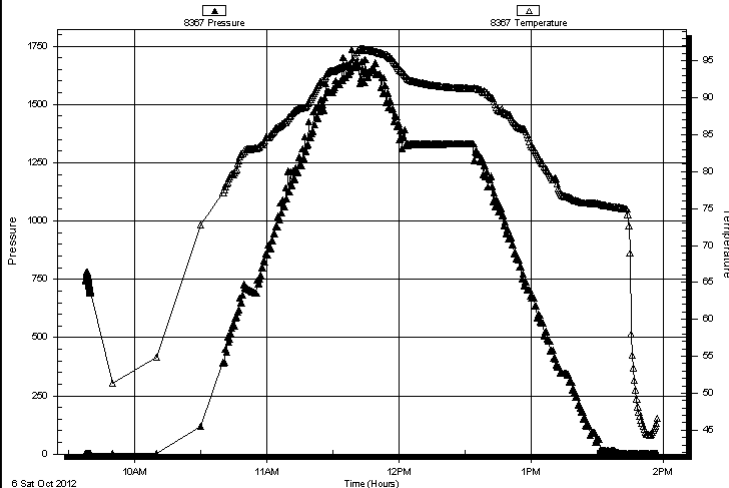
Last Calib.: 2012.10.06

Time On Btm:

Time Off Btm:

TEST COMMENT: Unable to get to bottom, hit bridge 83 feet up, unable to get through, pulled test

Pressure vs. Time



PRESSURE SUMMARY

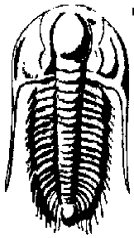
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49683

DST#: 1

Test Start: 2012.10.06 @ 09:38:04

Tool Information

Drill Pipe:	Length:	3120.00 ft	Diameter:	3.80 inches	Volume:	43.77 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	lb
Drill Collar:	Length:	210.00 ft	Diameter:	2.25 inches	Volume:	1.03 bbl	Weight to Pull Loose:	lb
					Total Volume:	44.80 bbl	Tool Chased	ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	60000.00 lb
Depth to Top Packer:		3347.00 ft					Final	60000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		63.00 ft						
Tool Length:		90.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				

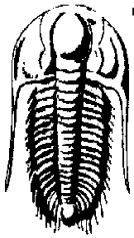
Tool Comments: Hit Bridge 83 feet from bottom

Tool Description

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

Shut In Tool	5.00			3325.00		
Hydraulic tool	5.00			3330.00		
Jars	5.00			3335.00		
Safety Joint	2.00			3337.00		
Packer	5.00			3342.00	27.00	Bottom Of Top Packer
Packer	5.00			3347.00		
Stubb	1.00			3348.00		
Recorder	0.00	6798	Inside	3348.00		
Recorder	0.00	8367	Outside	3348.00		
Perforations	5.00			3353.00		
Change Over Sub	1.00			3354.00		
Drill Pipe	32.00			3386.00		
Change Over Sub	1.00			3387.00		
Perforations	20.00			3407.00		
Bullnose	3.00			3410.00	63.00	Bottom Packers & Anchor

Total Tool Length: 90.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

Job Ticket: 49683

DST#: 1

ATTN: Nick Gerstner

Test Start: 2012.10.06 @ 09:38:04

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

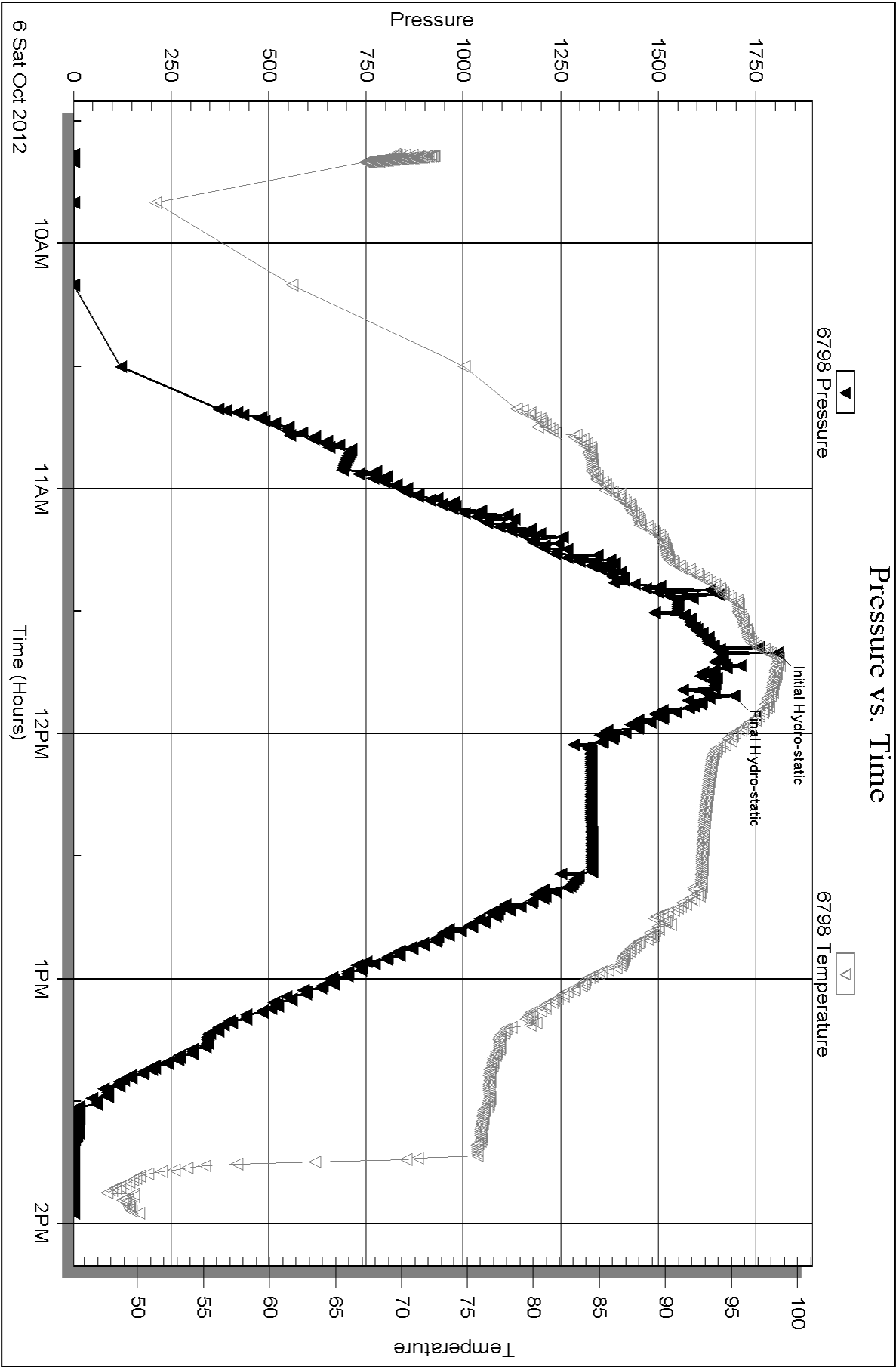
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 1

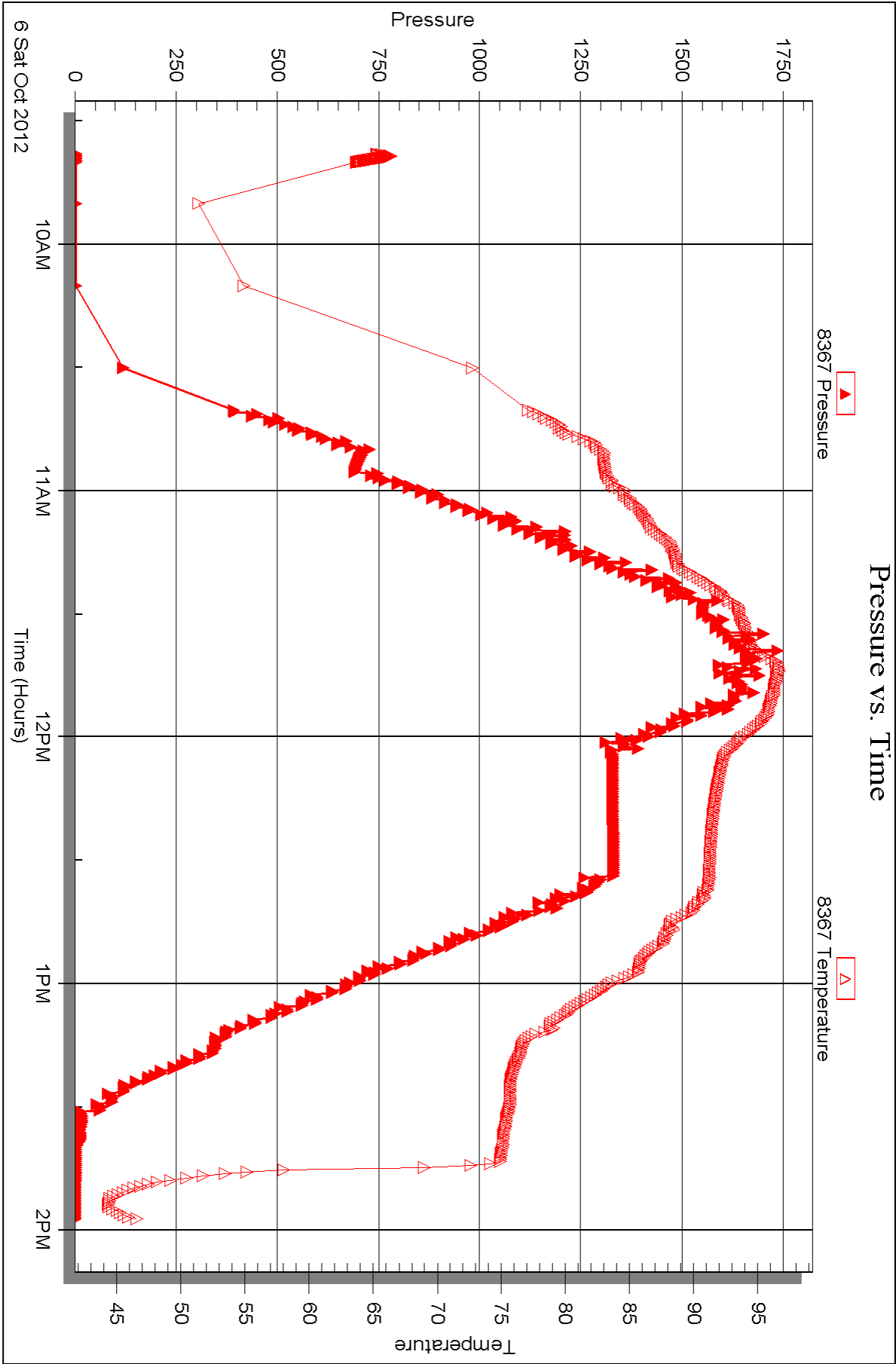


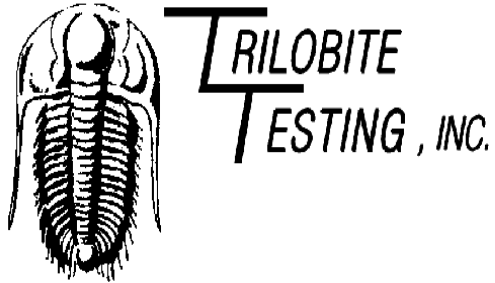
Serial #: 8367

Outside Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th
Newton, KS 67114

ATTN: Nick Gerstner

6-21-13w Stafford,KS

Doonan Enterprises #1

Start Date: 2012.10.06 @ 20:43:13

End Date: 2012.10.07 @ 02:34:58

Job Ticket #: 49684 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.09 @ 14:24:23

Palomino Petroleum Inc

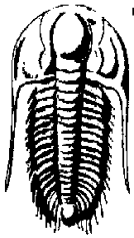
Doonan Enterprises #1

6-21-13w Stafford,KS

DST # 2

Lansing "B & C"

2012.10.06



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49684

DST#: 2

Test Start: 2012.10.06 @ 20:43:13

GENERAL INFORMATION:

Formation: **Lansing "B & C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:45:58

Time Test Ended: 02:34:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 3347.00 ft (KB) To 3410.00 ft (KB) (TVD)

Reference Elevations: 1921.00 ft (KB)

Total Depth: 3410.00 ft (KB) (TVD)

1912.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6798 Inside

Press@RunDepth: 233.80 psig @ 3348.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.06

End Date:

2012.10.07

Last Calib.: 2012.10.07

Start Time: 20:43:14

End Time:

02:34:58

Time On Btm: 2012.10.06 @ 22:43:58

Time Off Btm: 2012.10.07 @ 00:47:28

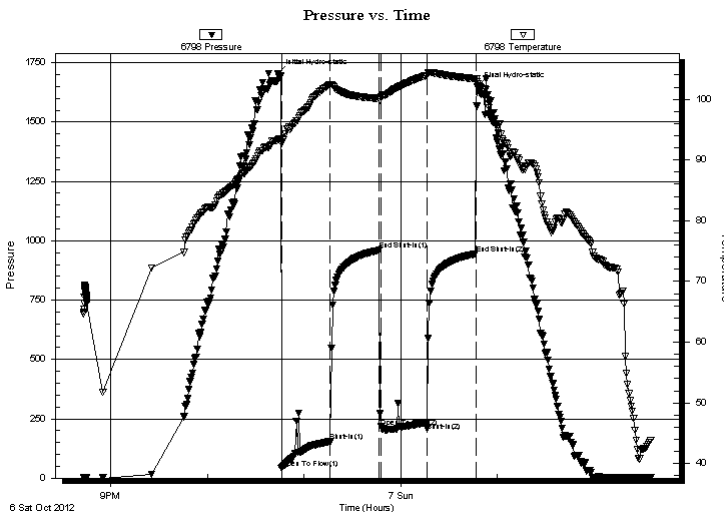
TEST COMMENT: IF: Fair Blow , Built to 8 inches

IS: No Blow Back

FF: Weak Blow , Built to 4 inches

FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1705.04	93.40	Initial Hydro-static
2	41.13	92.73	Open To Flow (1)
32	155.25	102.45	Shut-In(1)
63	959.80	100.14	End Shut-In(1)
64	216.31	100.40	Open To Flow (2)
92	233.80	103.93	Shut-In(2)
123	945.16	103.42	End Shut-In(2)
124	1649.92	102.93	Final Hydro-static

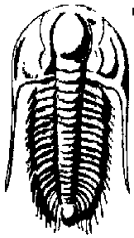
Recovery

Length (ft)	Description	Volume (bbl)
62.00	Water	0.30
240.00	MCW 40%M 60%W	2.02
20.00	Mud	0.28

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

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49684

DST#: 2

Test Start: 2012.10.06 @ 20:43:13

GENERAL INFORMATION:

Formation: **Lansing "B & C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:45:58

Time Test Ended: 02:34:58

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 3347.00 ft (KB) To 3410.00 ft (KB) (TVD)

Total Depth: 3410.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1921.00 ft (KB)

1912.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 3348.00 ft (KB)

Start Date: 2012.10.06

End Date:

2012.10.07

Start Time: 20:43:14

End Time:

02:34:43

Capacity: 8000.00 psig

Last Calib.:

2012.10.07

Time On Btm:

Time Off Btm:

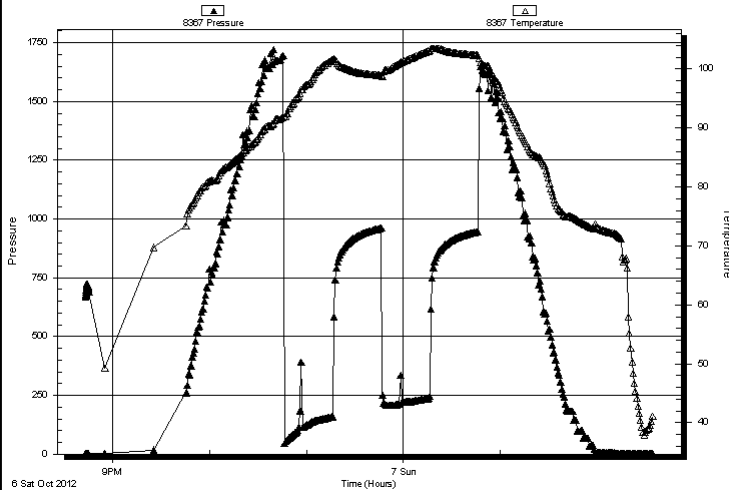
TEST COMMENT: IF: Fair Blow , Built to 8 inches

IS: No Blow Back

FF: Weak Blow , Built to 4 inches

FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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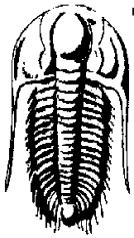
Recovery

Length (ft)	Description	Volume (bbl)
62.00	Water	0.30
240.00	MCW 40%M 60%W	2.02
20.00	Mud	0.28

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 Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49684

DST#: 2

Test Start: 2012.10.06 @ 20:43:13

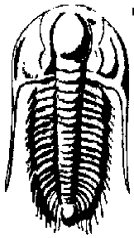
Tool Information

Drill Pipe:	Length:	3120.00 ft	Diameter:	3.80 inches	Volume:	43.77 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	210.00 ft	Diameter:	2.25 inches	Volume:	1.03 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	44.80 bbl	Tool Chased	ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	66000.00 lb
Depth to Top Packer:		3347.00 ft					Final	68000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		63.00 ft						
Tool Length:		90.00 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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Shut In Tool	5.00			3325.00	
Hydraulic tool	5.00			3330.00	
Jars	5.00			3335.00	
Safety Joint	2.00			3337.00	
Packer	5.00			3342.00	27.00 Bottom Of Top Packer
Packer	5.00			3347.00	
Stubb	1.00			3348.00	
Recorder	0.00	6798	Inside	3348.00	
Recorder	0.00	8367	Outside	3348.00	
Perforations	5.00			3353.00	
Change Over Sub	1.00			3354.00	
Drill Pipe	32.00			3386.00	
Change Over Sub	1.00			3387.00	
Perforations	20.00			3407.00	
Bullnose	3.00			3410.00	63.00 Bottom Packers & Anchor

Total Tool Length: 90.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

Job Ticket: 49684

DST#: 2

ATTN: Nick Gerstner

Test Start: 2012.10.06 @ 20:43:13

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: 105000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
62.00	Water	0.305
240.00	MCW 40%M 60%W	2.018
20.00	Mud	0.281

Total Length: 322.00 ft

Total Volume: 2.604 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .13 @ 42 degrees

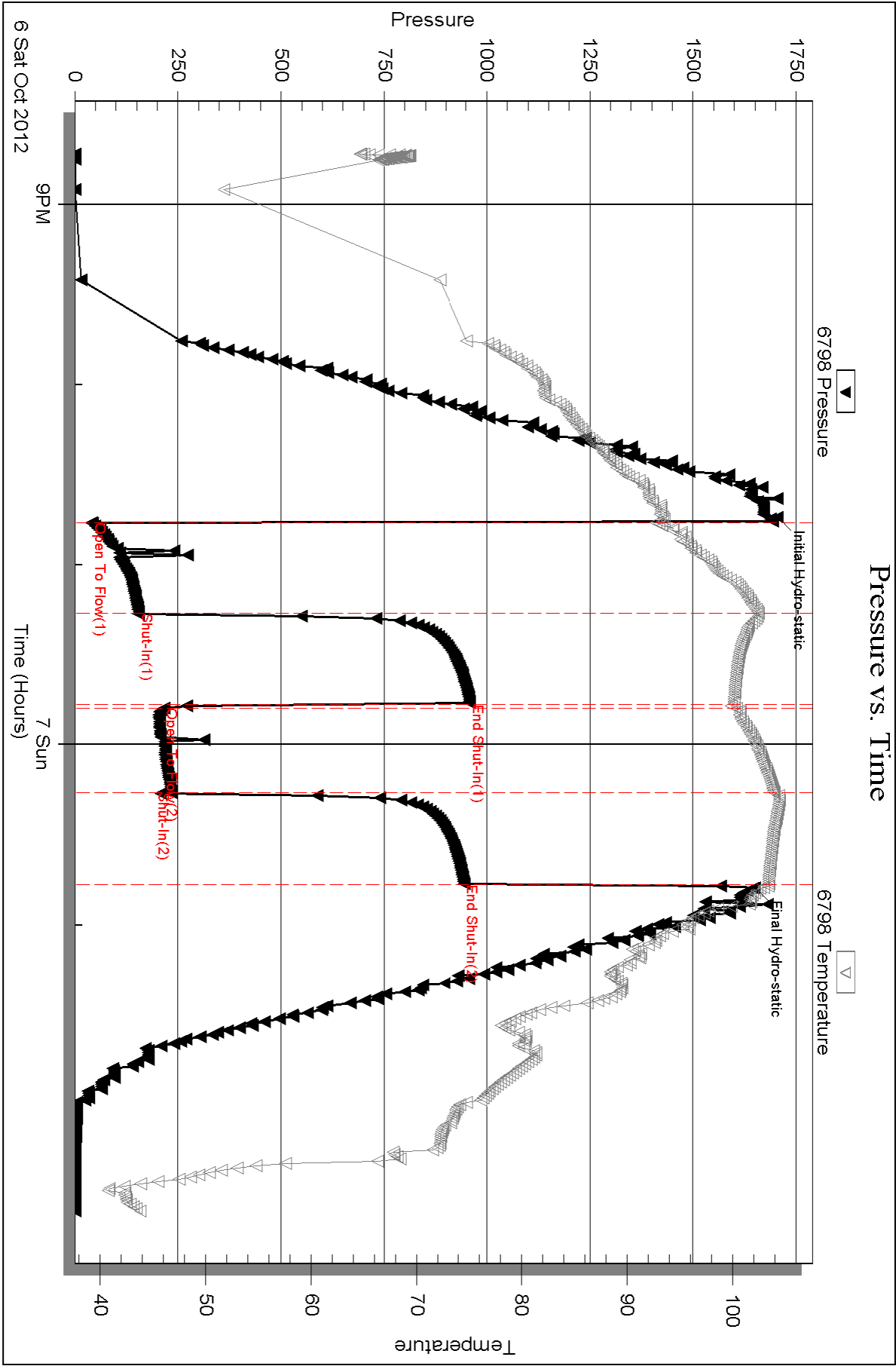
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 2

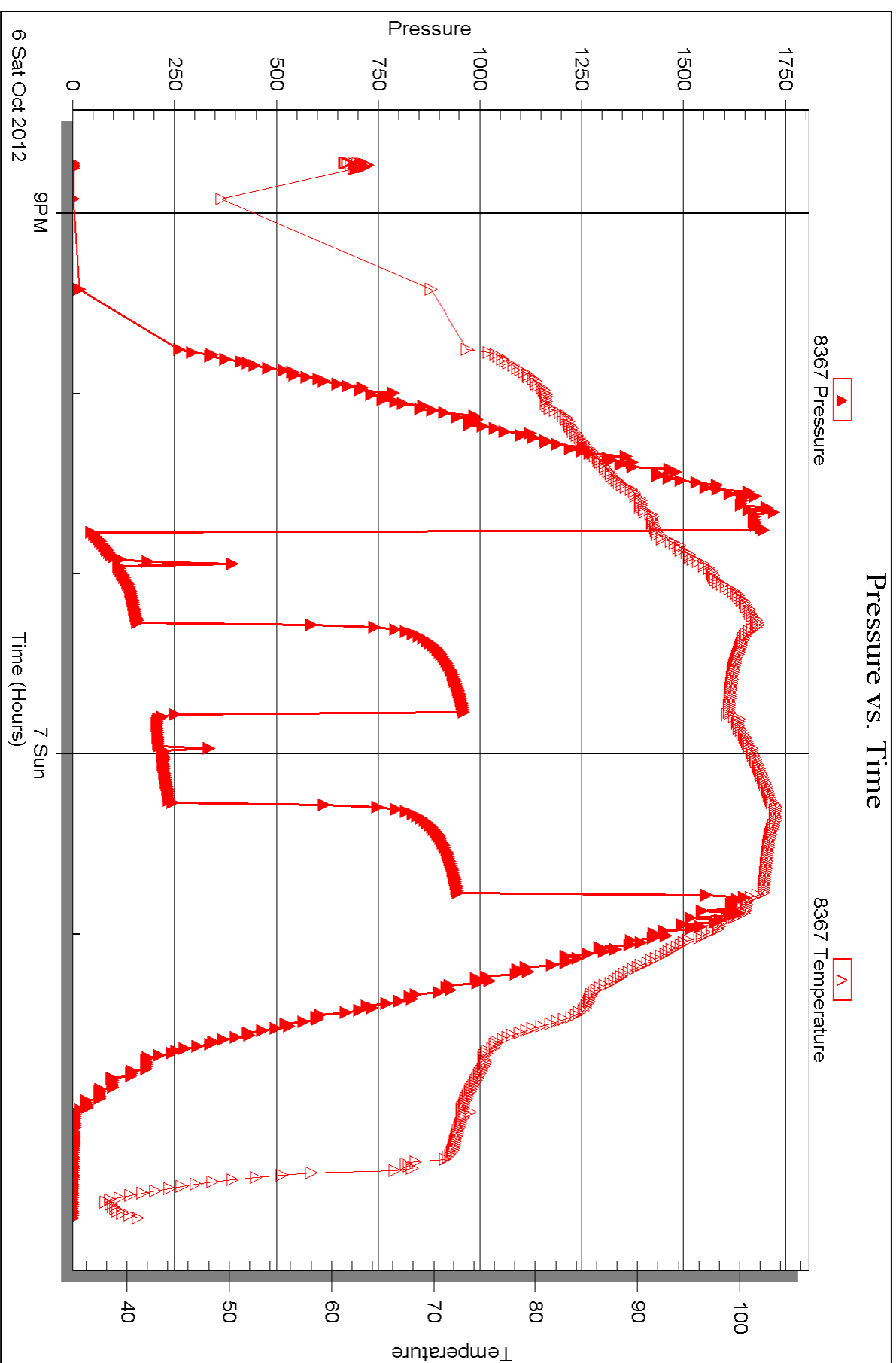


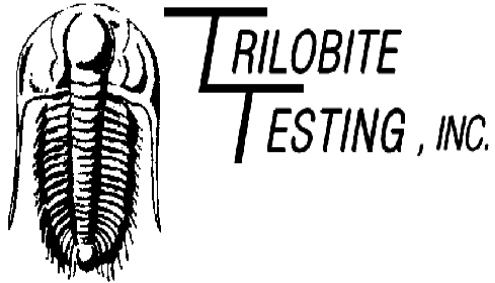
Serial #: 8367

Outside Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th
Newton, KS 67114

ATTN: Nick Gerstner

6-21-13w Stafford,KS

Doonan Enterprises #1

Start Date: 2012.10.07 @ 14:08:07

End Date: 2012.10.07 @ 19:53:07

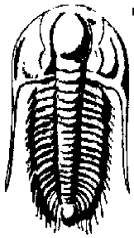
Job Ticket #: 49685 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.09 @ 14:23:36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49685

DST#: 3

Test Start: 2012.10.07 @ 14:08:07

GENERAL INFORMATION:

Formation: **Lansing "H & I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:59:07

Time Test Ended: 19:53:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 3448.00 ft (KB) To 3486.00 ft (KB) (TVD)

Total Depth: 3486.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1921.00 ft (KB)

1912.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798 Inside

Press@RunDepth: 148.83 psig @ 3449.00 ft (KB)

Start Date: 2012.10.07

End Date:

2012.10.07

Start Time: 14:08:08

End Time:

19:53:07

Capacity: 8000.00 psig

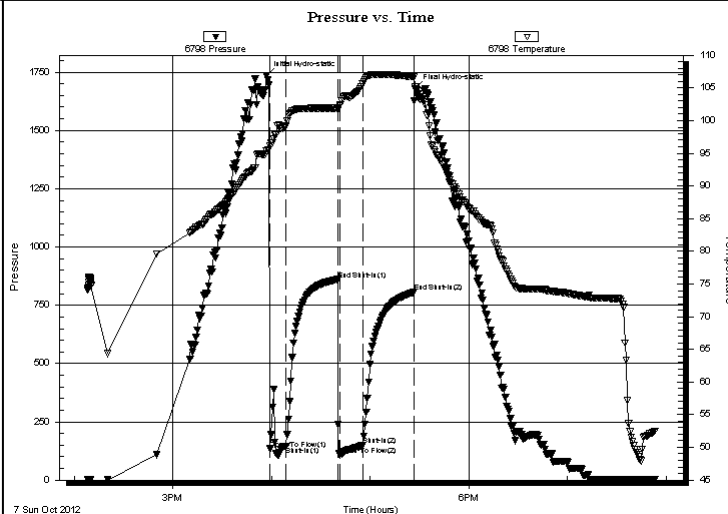
Last Calib.: 2012.10.07

Time On Btm: 2012.10.07 @ 15:56:52

Time Off Btm: 2012.10.07 @ 17:27:37

TEST COMMENT: IF: Strong Blow , BOB in 4 minutes
IS: Blow Back Built to 3 inches
FF: Strong Blow , BOB in 30 seconds
FSI: GTS in 14 minutes, Blow Back Built to BOB in 25 minutes

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1736.21	95.31	Initial Hydro-static
3	133.94	96.16	Open To Flow (1)
12	144.46	99.16	Shut-In(1)
44	860.33	101.93	End Shut-In(1)
45	107.75	102.32	Open To Flow (2)
59	148.83	105.57	Shut-In(2)
90	806.15	106.68	End Shut-In(2)
91	1679.68	105.23	Final Hydro-static

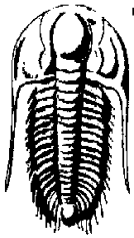
Recovery

Length (ft)	Description	Volume (bbl)
124.00	GMCO 20%G 20%M 60%O	0.61
304.00	Gassy Oil 10%G 90%O	3.48
0.00	2999 GIP	0.00

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

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49685

DST#: 3

Test Start: 2012.10.07 @ 14:08:07

GENERAL INFORMATION:

Formation: **Lansing "H & I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:59:07

Time Test Ended: 19:53:07

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 3448.00 ft (KB) To 3486.00 ft (KB) (TVD)

Reference Elevations: 1921.00 ft (KB)

Total Depth: 3486.00 ft (KB) (TVD)

1912.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 3449.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.07

End Date:

2012.10.07

Last Calib.:

2012.10.07

Start Time: 14:08:08

End Time:

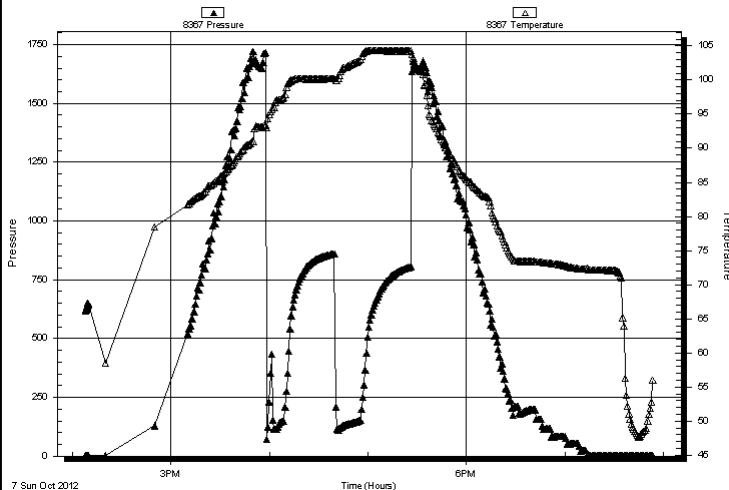
19:53:22

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 4 minutes
IS: Blow Back Built to 3 inches
FF: Strong Blow , BOB in 30 seconds
FSI: GTS in 14 minutes, Blow Back Built to BOB in 25 minutes

Pressure vs. Time



PRESSURE SUMMARY

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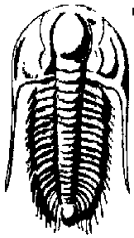
Recovery

Length (ft)	Description	Volume (bbl)
124.00	GMCO 20%G 20%M 60%O	0.61
304.00	Gassy Oil 10%G 90%O	3.48
0.00	2999 GIP	0.00

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 Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49685

DST#: 3

Test Start: 2012.10.07 @ 14:08:07

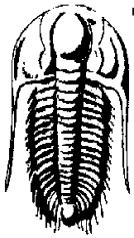
Tool Information

Drill Pipe:	Length:	3217.00 ft	Diameter:	3.80 inches	Volume:	45.13 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	210.00 ft	Diameter:	2.25 inches	Volume:	1.03 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	46.16 bbl	Tool Chased	ft
Drill Pipe Above KB:		6.00 ft					String Weight: Initial	66000.00 lb
Depth to Top Packer:		3448.00 ft					Final	68000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		38.00 ft						
Tool Length:		65.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

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

Shut In Tool	5.00			3426.00	
Hydraulic tool	5.00			3431.00	
Jars	5.00			3436.00	
Safety Joint	2.00			3438.00	
Packer	5.00			3443.00	27.00 Bottom Of Top Packer
Packer	5.00			3448.00	
Stubb	1.00			3449.00	
Recorder	0.00	6798	Inside	3449.00	
Recorder	0.00	8367	Outside	3449.00	
Perforations	34.00			3483.00	
Bullnose	3.00			3486.00	38.00 Bottom Packers & Anchor

Total Tool Length: 65.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

Job Ticket: 49685

DST#: 3

ATTN: Nick Gerstner

Test Start: 2012.10.07 @ 14:08:07

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

25.4 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	GMCO 20%G 20%M 60%O	0.610
304.00	Gassy Oil 10%G 90%O	3.481
0.00	2999 GIP	0.000

Total Length: 428.00 ft

Total Volume: 4.091 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity was 26.2 @ 68 degrees

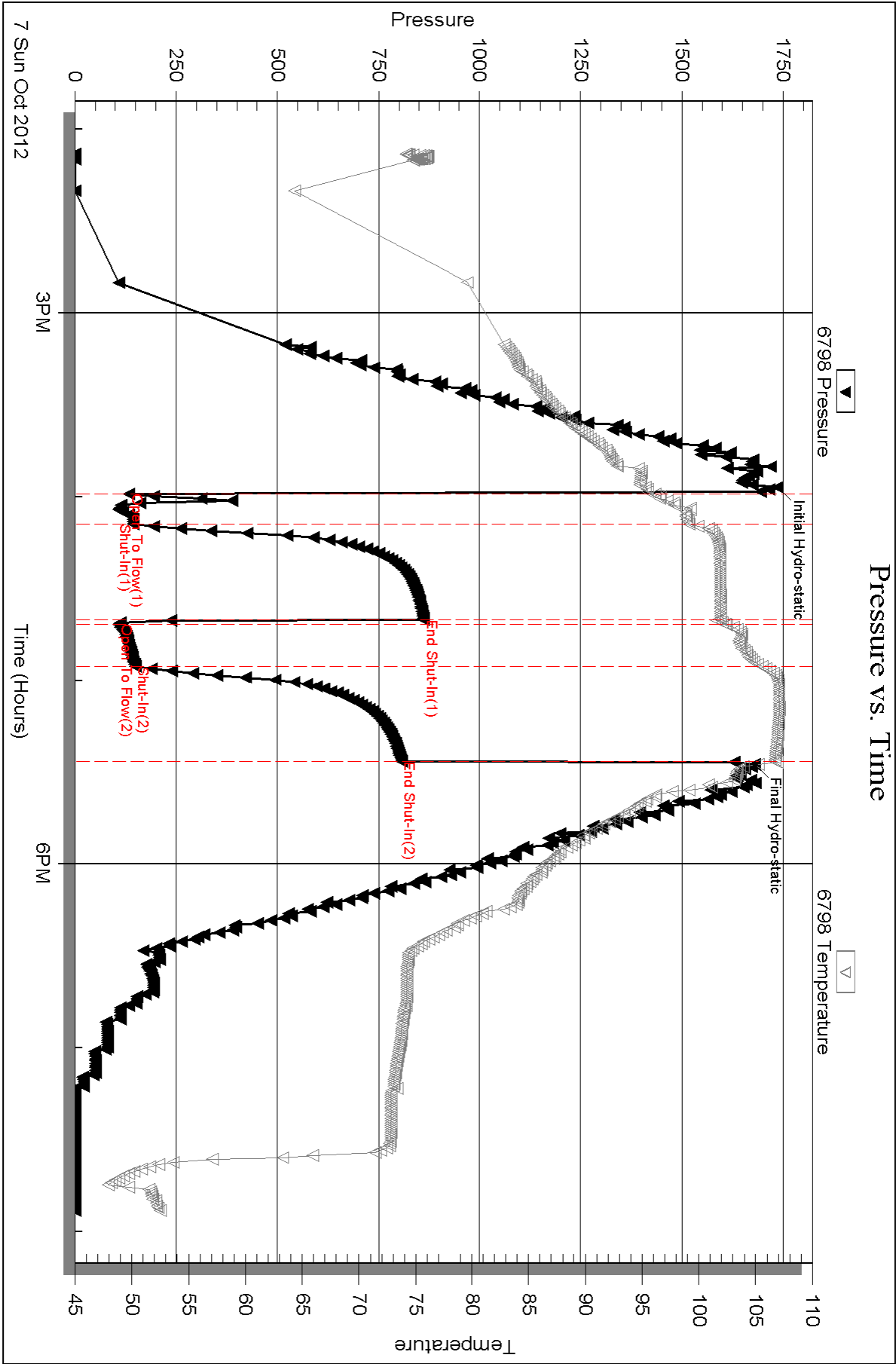
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 3



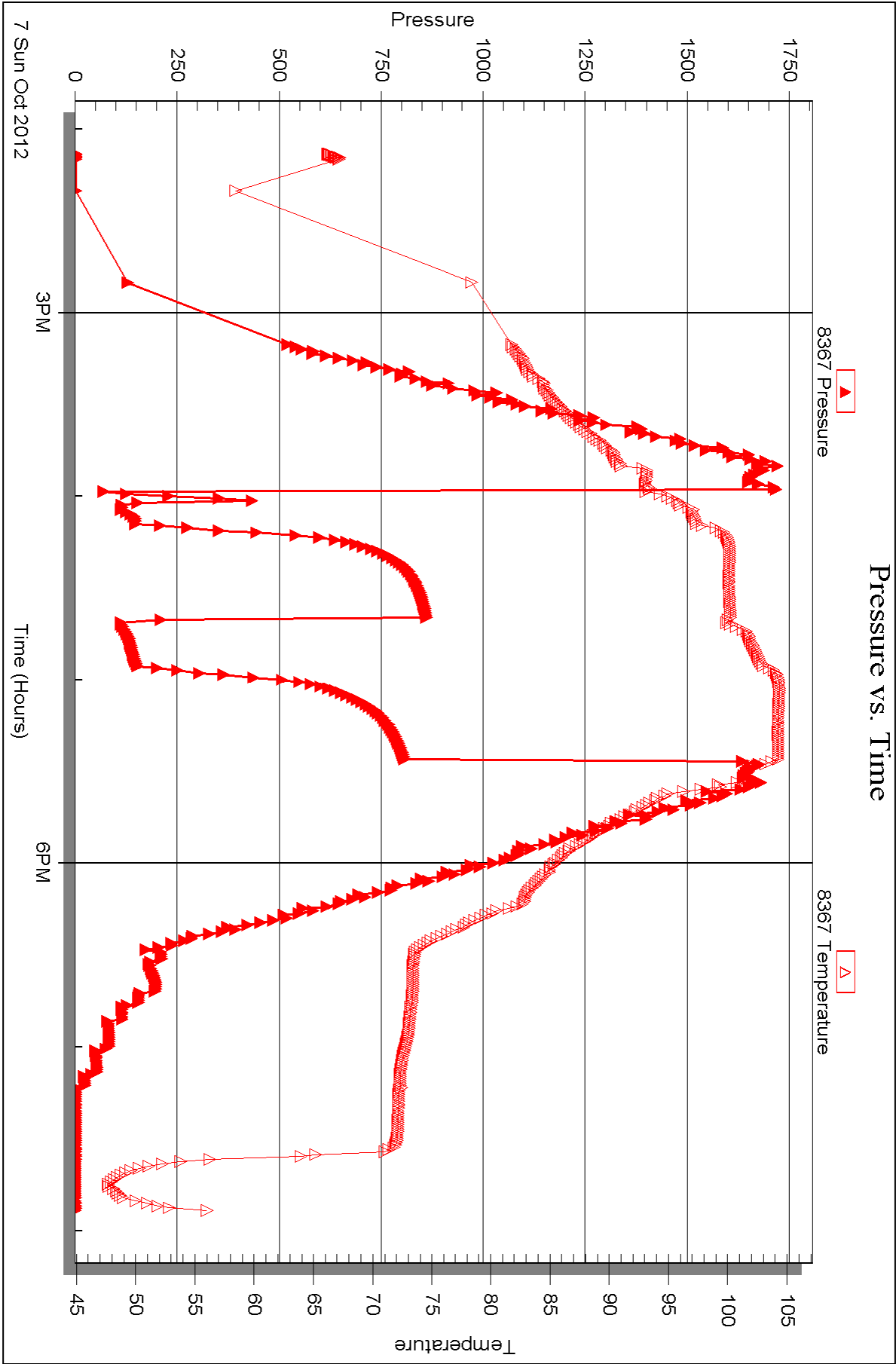
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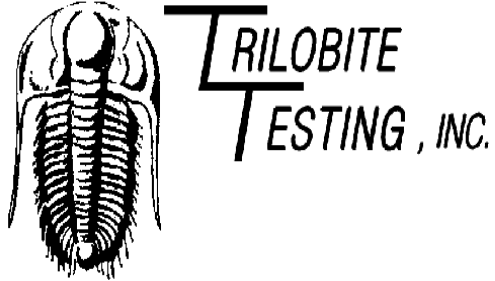
Outside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th
Newton, KS 67114

ATTN: Nick Gerstner

6-21-13w Stafford,KS

Doonan Enterprises #1

Start Date: 2012.10.08 @ 05:07:31

End Date: 2012.10.08 @ 10:38:01

Job Ticket #: 49686 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.09 @ 14:22:40

Palomino Petroleum Inc

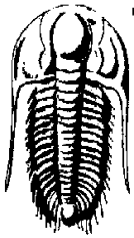
Doonan Enterprises #1

6-21-13w Stafford,KS

DST # 4

Lansing "J & K"

2012.10.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49686

DST#: 4

Test Start: 2012.10.08 @ 05:07:31

GENERAL INFORMATION:

Formation: **Lansing " J & K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:51:31

Time Test Ended: 10:38:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 3488.00 ft (KB) To 3524.00 ft (KB) (TVD)

Total Depth: 3524.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1921.00 ft (KB)

1912.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798 Inside

Press@RunDepth: 41.44 psig @ 3489.00 ft (KB)

Start Date: 2012.10.08

End Date:

2012.10.08

Start Time: 05:07:32

End Time:

10:38:01

Capacity: 8000.00 psig

Last Calib.: 2012.10.08

Time On Btm: 2012.10.08 @ 06:43:31

Time Off Btm: 2012.10.08 @ 08:53:01

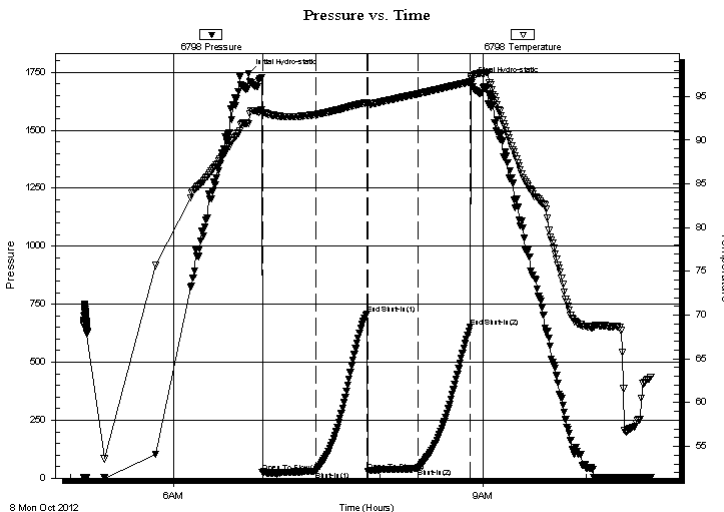
TEST COMMENT: IF: Fair Blow , BOB in 30 minutes

IS: No Blow Back

FF: Fair Blow , Built to 10 inches, Dies Off to 7 inches

FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1745.30	91.90	Initial Hydro-static
8	24.61	93.18	Open To Flow (1)
39	29.83	92.93	Shut-In(1)
69	706.22	94.31	End Shut-In(1)
70	28.67	94.10	Open To Flow (2)
99	41.44	95.29	Shut-In(2)
129	650.20	96.67	End Shut-In(2)
130	1710.37	97.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	300 GIP	0.00
60.00	MCO 20%M 80%O	0.30

Gas Rates

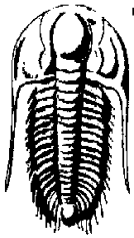
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



Test Start: 2012.10.08 @ 05:07:31

KB to GR/CF: 9.00 ft



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49686

DST#: 4

Test Start: 2012.10.08 @ 05:07:31

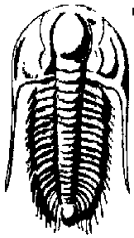
Tool Information

Drill Pipe:	Length:	3280.00 ft	Diameter:	3.80 inches	Volume:	46.01 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	210.00 ft	Diameter:	2.25 inches	Volume:	1.03 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	47.04 bbl	Tool Chased	ft
Drill Pipe Above KB:		29.00 ft					String Weight: Initial	66000.00 lb
Depth to Top Packer:		3488.00 ft					Final	67000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		36.00 ft						
Tool Length:		63.00 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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Shut In Tool	5.00			3466.00	
Hydraulic tool	5.00			3471.00	
Jars	5.00			3476.00	
Safety Joint	2.00			3478.00	
Packer	5.00			3483.00	27.00 Bottom Of Top Packer
Packer	5.00			3488.00	
Stubb	1.00			3489.00	
Recorder	0.00	6798	Inside	3489.00	
Recorder	0.00	8367	Outside	3489.00	
Perforations	32.00			3521.00	
Bullnose	3.00			3524.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

Job Ticket: 49686

DST#: 4

ATTN: Nick Gerstner

Test Start: 2012.10.08 @ 05:07:31

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	300 GIP	0.000
60.00	MCO 20%M 80%O	0.295

Total Length: 60.00 ft

Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

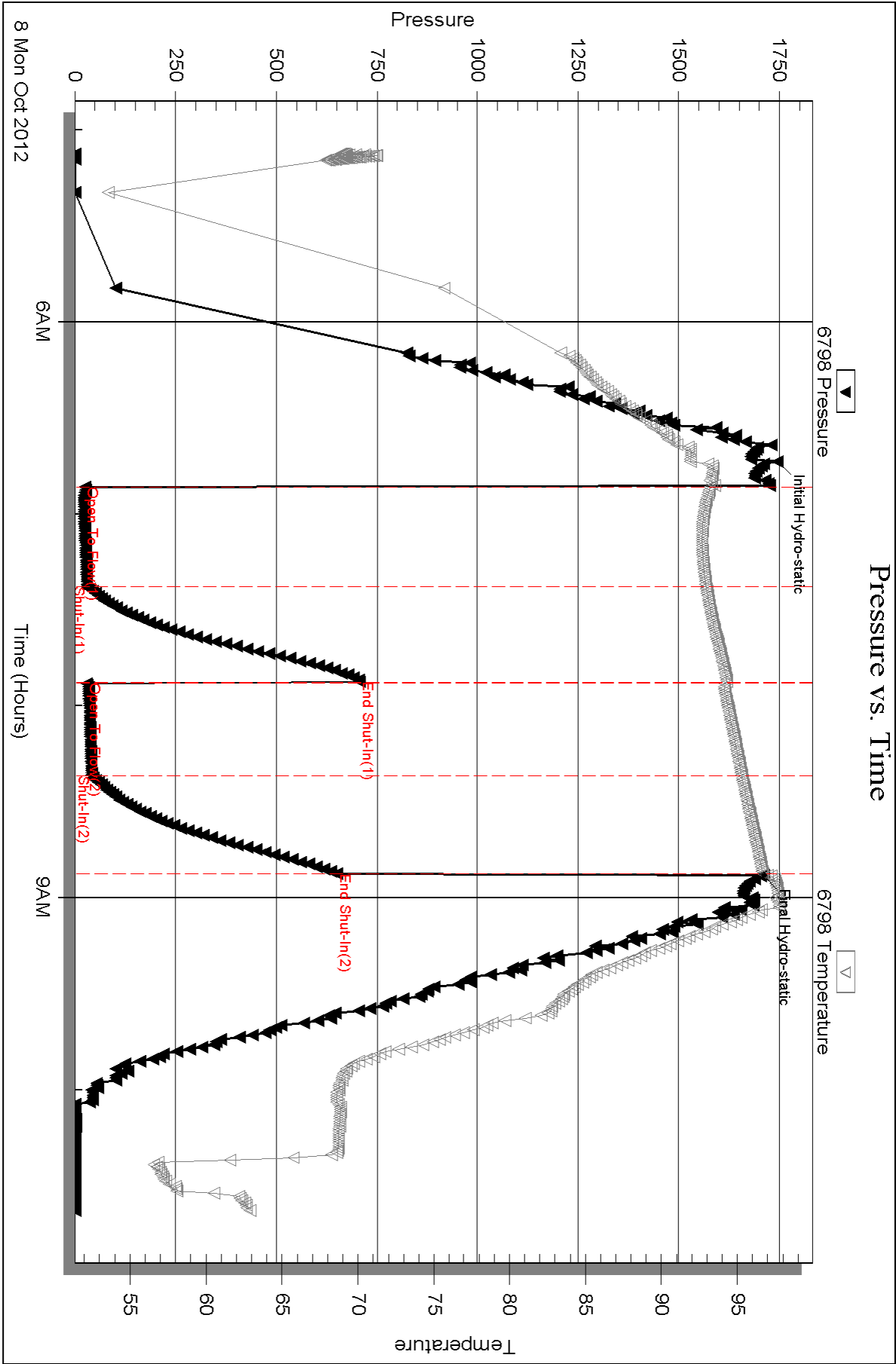
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 4

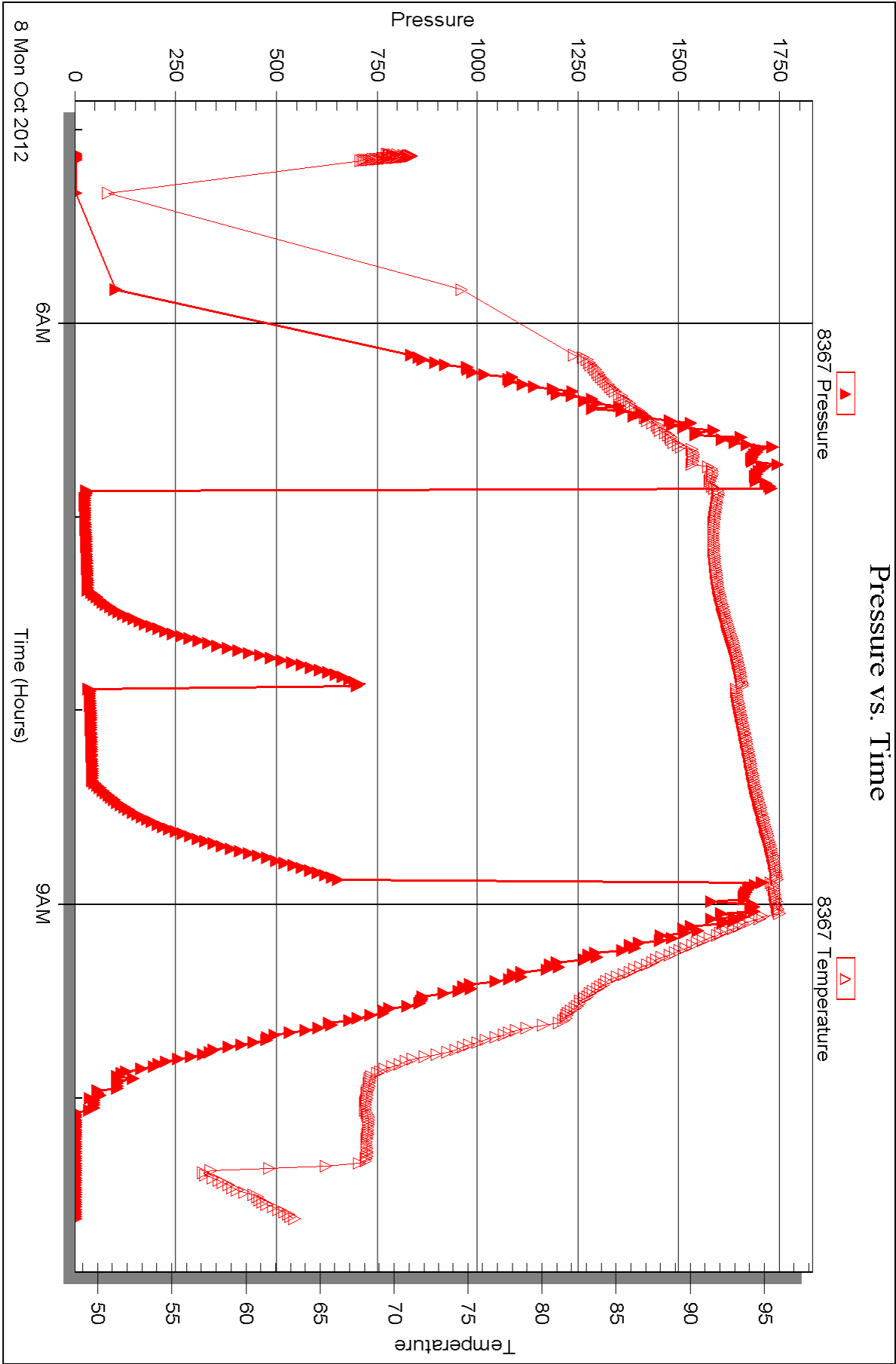


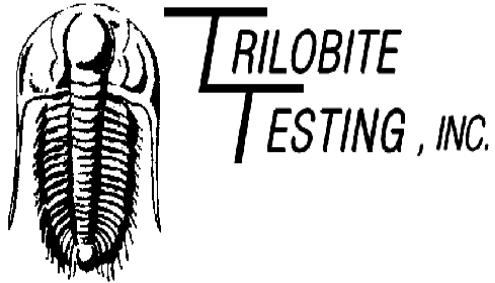
Serial #: 8367

Outside Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th
Newton, KS 67114

ATTN: Nick Gerstner

6-21-13w Stafford,KS

Doonan Enterprises #1

Start Date: 2012.10.08 @ 23:25:57

End Date: 2012.10.09 @ 05:46:57

Job Ticket #: 49687 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.10.09 @ 14:18:49

Palomino Petroleum Inc

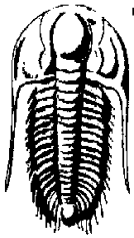
Doonan Enterprises #1

6-21-13w Stafford,KS

DST # 5

Arbuckle

2012.10.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49687

DST#: 5

Test Start: 2012.10.08 @ 23:25:57

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:34:12

Time Test Ended: 05:46:57

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 3542.00 ft (KB) To 3630.00 ft (KB) (TVD)

Total Depth: 3630.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1921.00 ft (KB)

1912.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798 Inside

Press@RunDepth: 499.69 psig @ 3543.00 ft (KB)

Start Date: 2012.10.08

End Date:

2012.10.09

Start Time: 23:25:58

End Time:

05:46:57

Capacity: 8000.00 psig

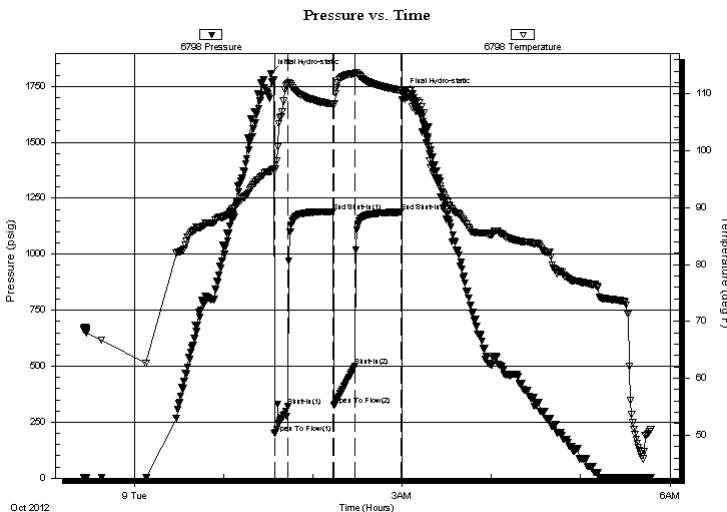
Last Calib.: 2012.10.09

Time On Btm: 2012.10.09 @ 01:31:57

Time Off Btm: 2012.10.09 @ 03:00:27

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
IS: No Blow back
FF: Strong Blow , BOB in 2 minutes
FS: No Blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1808.23	96.36	Initial Hydro-static
3	200.49	96.53	Open To Flow (1)
12	319.77	111.76	Shut-In(1)
42	1190.89	108.15	End Shut-In(1)
42	325.12	108.03	Open To Flow (2)
57	499.69	113.57	Shut-In(2)
88	1187.96	110.58	End Shut-In(2)
89	1722.64	110.23	Final Hydro-static

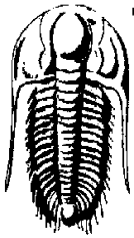
Recovery

Length (ft)	Description	Volume (bbl)
496.00	Water	5.04
186.00	OMCW 5%O 35%M 60%W	2.61
124.00	OWCM 4%O 44%W 52%M	1.74
134.00	SOSM 1%O 99%M	1.88

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

Palomino Petroleum Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49687

DST#: 5

Test Start: 2012.10.08 @ 23:25:57

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:34:12

Time Test Ended: 05:46:57

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: 3542.00 ft (KB) To 3630.00 ft (KB) (TVD)

Reference Elevations: 1921.00 ft (KB)

Total Depth: 3630.00 ft (KB) (TVD)

1912.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8367 Outside

Press@RunDepth: psig @ 3543.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.08

End Date:

2012.10.09

Last Calib.:

2012.10.09

Start Time: 23:25:58

End Time:

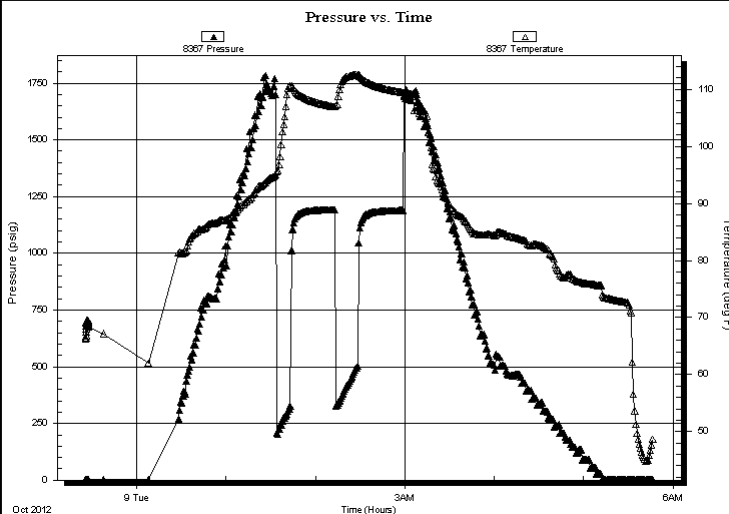
05:46:42

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
IS: No Blow back
FF: Strong Blow , BOB in 2 minutes
FS: No Blow back

PRESSURE SUMMARY



Time
(Min.)

Pressure
(psig)

Temp
(deg F)

Annotation

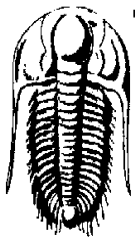
Recovery

Length (ft)	Description	Volume (bbl)
496.00	Water	5.04
186.00	OMCW 5%O 35%M 60%W	2.61
124.00	OWCM 4%O 44%W 52%M	1.74
134.00	SOSM 1%O 99%M	1.88

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 Inc

4924 SE 84th
New ton, KS 67114

ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49687

DST#: 5

Test Start: 2012.10.08 @ 23:25:57

Tool Information

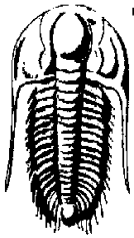
Drill Pipe:	Length: 3314.00 ft	Diameter: 3.80 inches	Volume: 46.49 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose: 74000.00 lb
		Total Volume:	47.52 bbl	Tool Chased ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	3542.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	88.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Shale Packer on bottom

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

Shut In Tool	5.00			3520.00	
Hydraulic tool	5.00			3525.00	
Jars	5.00			3530.00	
Safety Joint	2.00			3532.00	
Packer	5.00			3537.00	27.00 Bottom Of Top Packer
Packer	5.00			3542.00	
Stubb	1.00			3543.00	
Recorder	0.00	6798	Inside	3543.00	
Recorder	0.00	8367	Outside	3543.00	
Perforations	10.00			3553.00	
Change Over Sub	1.00			3554.00	
Drill Pipe	64.00			3618.00	
Change Over Sub	1.00			3619.00	
Perforations	8.00			3627.00	
Bullnose	3.00			3630.00	88.00 Bottom Packers & Anchor

Total Tool Length: 115.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

Job Ticket: 49687

DST#: 5

ATTN: Nick Gerstner

Test Start: 2012.10.08 @ 23:25:57

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: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	Water	5.045
186.00	OMCW 5%O 35%M 60%W	2.609
124.00	OWCM 4%O 44%W 52%M	1.739
134.00	SOSM 1%O 99%M	1.880

Total Length: 940.00 ft

Total Volume: 11.273 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .25 @ 43 degrees

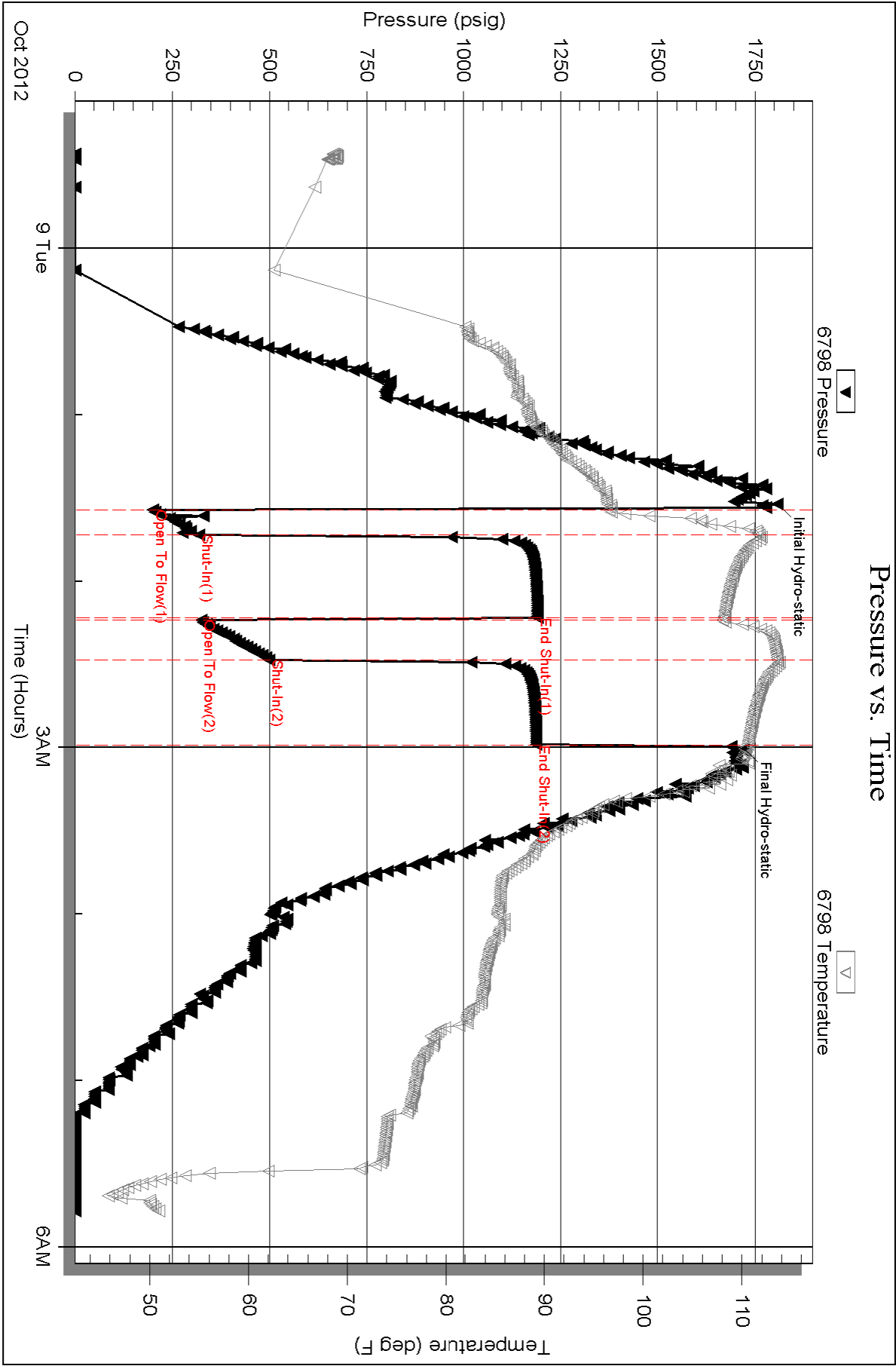
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 5



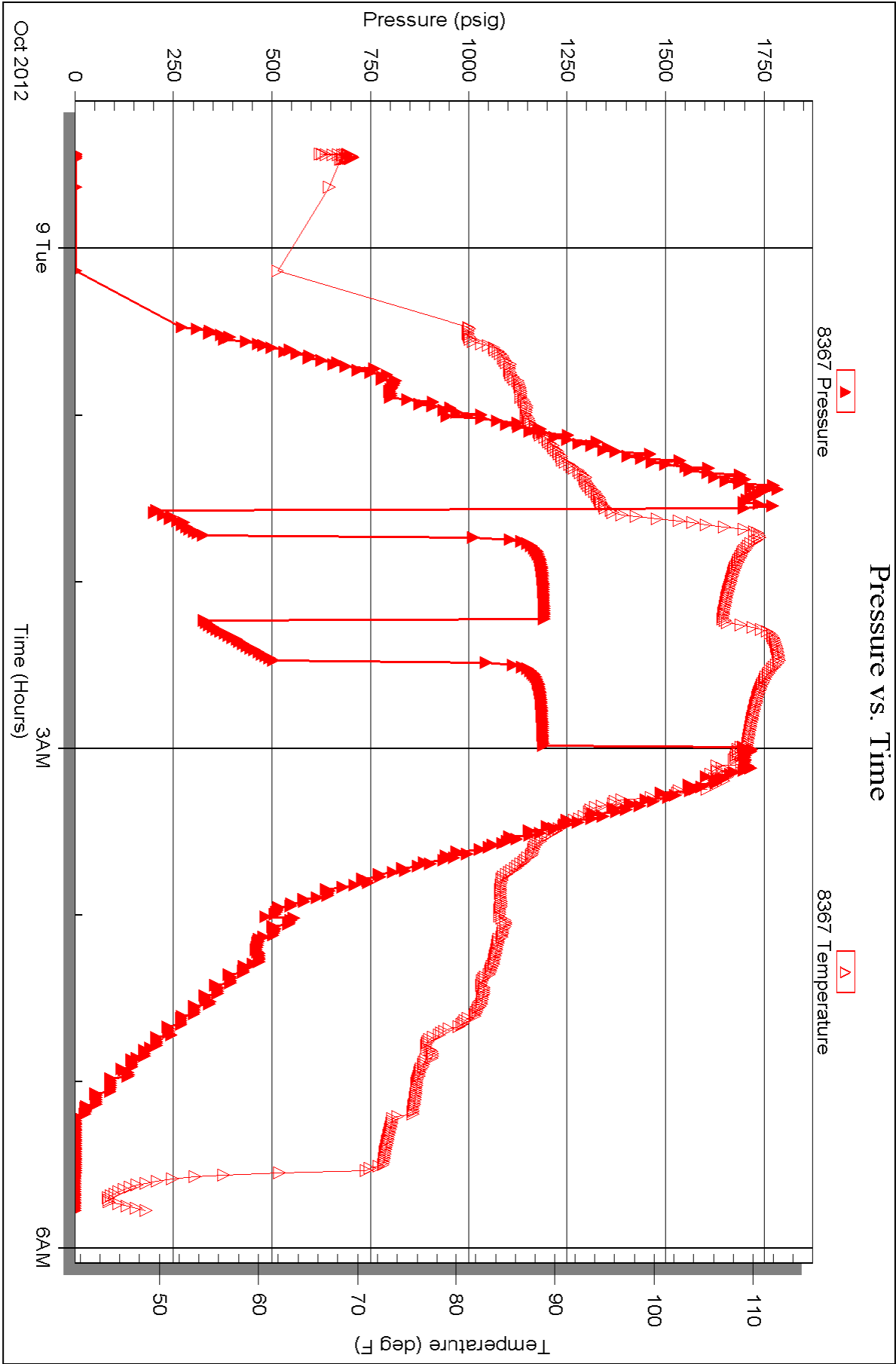
Serial #: 8367

Outside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 5





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49683

Well Name & No. Doonan Unit 1 Test No. 1 Date 10/06/12
Company Palomino Petroleum Inc Elevation 1921 KB 1912 GL
Address 4924 SE 84th st Newton, KS 67114
Co. Rep / Geo. Nick Gerstner Rig Sterling 4
Location: Sec. 6 Twp. 21S Rge. 13W Co. Stafford State KS

Interval Tested 3347 - 3410 Zone Tested Lansing "B+C"
Anchor Length 63 Drill Pipe Run 3120 Mud Wt. 9.2
Top Packer Depth 3342 Drill Collars Run 210 Vis 58
Bottom Packer Depth 3347 Wt. Pipe Run 0 WL 8.0
Total Depth 3410 Chlorides 7000 ppm System LCM
Blow Description Unable to get to bottom, 83 feet ~~off~~ off bottom hit
Bridge, could not get through, pulled test

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total N/A BHT N/A Gravity N/A API RW N/A @ N/A° F Chlorides N/A ppm

(A) Initial Hydrostatic	<u>1805</u>	☒ Test	<u>950</u>	T-On Location	<u>08:30</u>
(B) First Initial Flow	<u>N/A</u>	☒ Jars	<u>250</u>	T-Started	<u>09:38</u>
(C) First Final Flow	<u>N/A</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>N/A</u>
(D) Initial Shut-In	<u>N/A</u>	☐ Circ Sub		T-Pulled	<u>11:50</u>
(E) Second Initial Flow	<u>N/A</u>	☐ Hourly Standby		T-Out	<u>13:57</u>
(F) Second Final Flow	<u>N/A</u>	☒ Mileage	<u>(90)</u> 139.50	Comments	
(G) Final Shut-In	<u>N/A</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1694</u>	☐ Straddle			

Initial Open	<u>N/A</u>	☐ Shale Packer		☐ Ruined Shale Packer	
Initial Shut-In	<u>N/A</u>	☐ Shale Packer		☐ Ruined Packer	
Final Flow	<u>N/A</u>	☐ Extra Packer		☐ Extra Copies	
Final Shut-In	<u>N/A</u>	☐ Extra Recorder		Sub Total	<u>0</u>
		☐ Day Standby		Total	<u>1414.50</u>
		☐ Accessibility		MP/DST Disc't	☒
		Sub Total	<u>1414.50</u>		

Approved By _____ Our Representative [Signature]
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**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49684

Well Name & No. Doonan Enterprises 1 Test No. 2 Date 10/06/12
Company Palomino Petroleum Inc Elevation 1921 KB 1912 GL
Address 4924 SE 84th St Newton, KS 67114
Co. Rep / Geo. Nick Gerstner Rig Sterling 4
Location: Sec. 6 Twp. 21S Rge. 13W Co. Stafford State KS

Interval Tested 3347 - 3410 Zone Tested Lansing "B+C"
Anchor Length 63 Drill Pipe Run 3120 Mud Wt. 9.2
Top Packer Depth 3342 Drill Collars Run 210 Vis 58
Bottom Packer Depth 3347 Wt. Pipe Run 0 WL 8.0
Total Depth 3410 Chlorides 7000 ppm System LCM

Blow Description IF: Fair Blow, Built to 8 inches

ISI: NO Blow Back

FF: Weak Blow, Built to 4 inches

FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>MUD</u>				
<u>240</u>	<u>MCW</u>			<u>60</u>	<u>40</u>
<u>62</u>	<u>WATER</u>				

Rec Total 322 BHT 103 Gravity NIC API RW 13 @ 42 °F Chlorides 105000 ppm

(A) Initial Hydrostatic 1705

(B) First Initial Flow 41

(C) First Final Flow 155

(D) Initial Shut-In 960

(E) Second Initial Flow 216

(F) Second Final Flow 234

(G) Final Shut-In 945

(H) Final Hydrostatic 1650

☒ Test 1150

☒ Jars 250

☒ Safety Joint 75

☐ Circ Sub

☐ Hourly Standby

☒ Mileage (90) 139.50

☐ Sampler

☐ Straddle

☐ Shale Packer

☐ Extra Packer

☐ Extra Recorder

☐ Day Standby

☐ Accessibility

Sub Total 1614.50

T-On Location 20:00

T-Started 20:43

T-Open 22:45

T-Pulled 00:46

T-Out 02:34

Comments

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 0

Total 1614.50

MP/DST Disc't ☒

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Our Representative

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49685

Well Name & No. Doonan Enterprises 1 Test No. 3 Date 10/07/12
Company Palomino Petroleum INC Elevation 1921 KB 1912 GL
Address 4924 SE 84th St Newton, KS 67114
Co. Rep / Geo. Nick Gerstner Rig Sterling 4
Location: Sec. 6 Twp. 21 S Rge. 13 W Co. Stafford State KS

Interval Tested 3448 - 3486 Zone Tested Lansing "H+I"
Anchor Length 38 Drill Pipe Run 3217 Mud Wt. 9.4
Top Packer Depth 3443 Drill Collars Run 210 Vis 50
Bottom Packer Depth 3448 Wt. Pipe Run 0 WL 8.8
Total Depth 3486 Chlorides 5000 ppm System LCM

Blow Description IF: Strong Blow, BOB in 4 minutes

ISI: Blow Back Built to 3 inches

FF: Strong Blow, BOB in 30 seconds

FSI: GTS in 14 minutes, Blow Back Built to BOB in 25 minutes

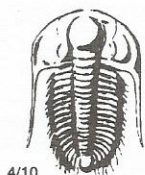
Rec	Feet of	%gas	%oil	%water	%mud
<u>2999</u>	<u>GIP</u>				
<u>124</u>	<u>G MCO</u>	<u>20</u>	<u>60</u>	<u>%water</u>	<u>20 %mud</u>
<u>304</u>	<u>Gassy oil</u>	<u>10</u>	<u>90</u>	<u>%water</u>	<u>%mud</u>

Rec Total 428 BHT 107° Gravity 25.4 API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic	<u>1736</u>	☒ Test	<u>1150</u>	T-On Location	<u>13:15</u>
(B) First Initial Flow	<u>134</u>	☒ Jars	<u>250</u>	T-Started	<u>14:08</u>
(C) First Final Flow	<u>144</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>15:59</u>
(D) Initial Shut-In	<u>860</u>	☐ Circ Sub		T-Pulled	<u>17:26</u>
(E) Second Initial Flow	<u>108</u>	☐ Hourly Standby		T-Out	<u>19:53</u>
(F) Second Final Flow	<u>149</u>	☒ Mileage <u>(90)</u>	<u>139.50</u>	Comments	
(G) Final Shut-In	<u>806</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1680</u>	☐ Straddle			

Initial Open	<u>10</u>	☐ Shale Packer		☐ Ruined Shale Packer	
Initial Shut-In	<u>30</u>	☐ Extra Packer		☐ Ruined Packer	
Final Flow	<u>15</u>	☐ Extra Recorder		☐ Extra Copies	
Final Shut-In	<u>30</u>	☐ Day Standby		Sub Total	<u>0</u>
		☐ Accessibility		Total	<u>1614.50</u>
		Sub Total	<u>1614.50</u>	MP/DST Disc't	☒

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49686

Well Name & No. Doonan Enterprises 1 Test No. 4 Date 10/08/12
Company Palomino Petroleum Inc Elevation 1921 KB 1912 GL
Address 4924 SE 84th St Newton, KS 67114
Co. Rep / Geo. Nick Gerstner Rig Sterling 4
Location: Sec. 6 Twp. 21S Rge. 13W Co. Stafford State KS

Interval Tested 3488 - 3524 Zone Tested Lansing "J+K"
Anchor Length 36 Drill Pipe Run 3280 Mud Wt. 9.0
Top Packer Depth 3483 Drill Collars Run 210 Vis 52
Bottom Packer Depth 3488 Wt. Pipe Run 0 WL 8.8
Total Depth 3524 Chlorides 5000 ppm System LCM

Blow Description IF: Fair Blow, BOB in 30 minutes

ISI: NO Blow Back

EF: Fair Blow, Built to 10 inches, Died off to 7 inches

FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>300</u>	<u>GIP</u>				
<u>60</u>	<u>MCO</u>		<u>80</u>		<u>20</u>

Rec Total 60 BHT 97 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic	<u>1745</u>	☒ Test	<u>1150</u>
(B) First Initial Flow	<u>25</u>	☒ Jars	<u>250</u>
(C) First Final Flow	<u>30</u>	☒ Safety Joint	<u>75</u>
(D) Initial Shut-In	<u>706</u>	☐ Circ Sub	
(E) Second Initial Flow	<u>29</u>	☐ Hourly Standby	
(F) Second Final Flow	<u>41</u>	☒ Mileage	<u>90</u> <u>139.50</u>
(G) Final Shut-In	<u>650</u>	☐ Sampler	
(H) Final Hydrostatic	<u>1710</u>	☐ Straddle	

T-On Location 04:30
T-Started 05:07
T-Open 06:51
T-Pulled 08:52
T-Out 10:38

Comments

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

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1614.50

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1614.50

MP/DST Disc't ☒

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49687

Well Name & No. Doonan Enterprises 1 Test No. 5 Date 10/08/12
Company Palomino Petroleum inc Elevation 1921 KB 1912 GL
Address 4924 SE 84th st Newton, KS 67114
Co. Rep / Geo. Nick Gerstner Rig Sterling 4
Location: Sec. 6 Twp. 21S Rge. 13W Co. Stafford State KS

Interval Tested 3542 - 3630 Zone Tested Arbuckle
Anchor Length 88 Drill Pipe Run 3314 Mud Wt. 9.3
Top Packer Depth 3537 Drill Collars Run 210 Vis 58
Bottom Packer Depth 3542 Wt. Pipe Run 0 WL 8.8
Total Depth 3630 Chlorides 7000 ppm System LCM

Blow Description IF: Strong Blow, BOB in 2 minutes

ISI: NO Blow Back

FF: Strong Blow, BOB in 2 minutes

FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>134</u>	<u>Feet of 50SM</u>	<u>1</u>	<u>1</u>	<u>99</u>	<u>99</u>
<u>124</u>	<u>Feet of 0 WCM</u>	<u>4</u>	<u>44</u>	<u>52</u>	<u>52</u>
<u>186</u>	<u>Feet of 0 MCM</u>	<u>5</u>	<u>60</u>	<u>35</u>	<u>35</u>
<u>496</u>	<u>Feet of Water</u>				

Rec Total 940 BHT 110 Gravity N/C API RW 0.25 @ 43 °F Chlorides 49000 ppm

(A) Initial Hydrostatic 1808
(B) First Initial Flow 200
(C) First Final Flow 320
(D) Initial Shut-In 1191
(E) Second Initial Flow 325
(F) Second Final Flow 500
(G) Final Shut-In 1188
(H) Final Hydrostatic 1723

☒ Test 1150
☒ Jars 250
☒ Safety Joint 75
☐ Circ Sub
☐ Hourly Standby
☒ Mileage (90) 139.50
☐ Sampler
☐ Straddle
☒ Shale Packer 250
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1864.50

T-On Location 22:15
T-Started 23:25
T-Open 01:34
T-Pulled 02:59
T-Out 05:46

Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1864.50

Initial Open 10
Initial Shut-In 30
Final Flow 15
Final Shut-In 30

MP/DST Disc't

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