



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)

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 @ Run Depth: psig @ 3348.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.06

End Date: 2012.10.06

Last Calib.: 2012.10.06

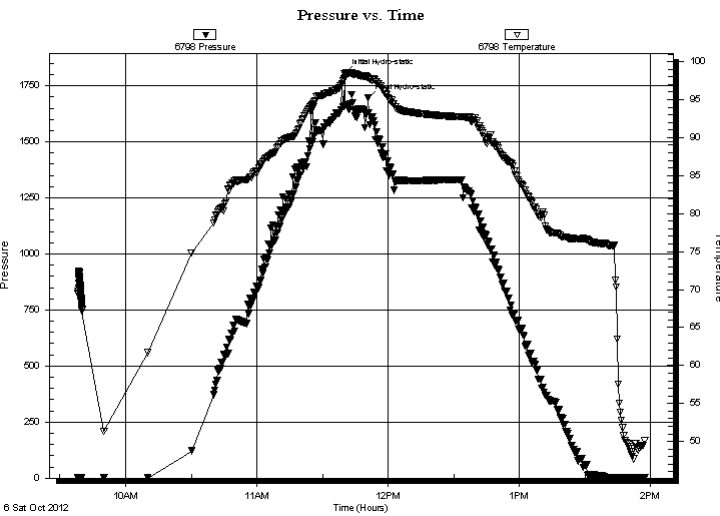
Start Time: 09:38:05

End Time: 13:57:19

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 SUMMARY

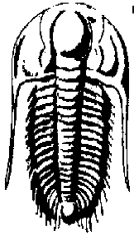
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1805.44 | 97.75 | Initial Hydro-static |
| 11 | 1694.34 | 97.91 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| | | |
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| | | |
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Gas Rates

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



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)**

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 #: 8367 Outside

Press @ RunDepth: psig @ 3348.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.06

End Date: 2012.10.06

Last Calib.: 2012.10.06

Start Time: 09:38:05

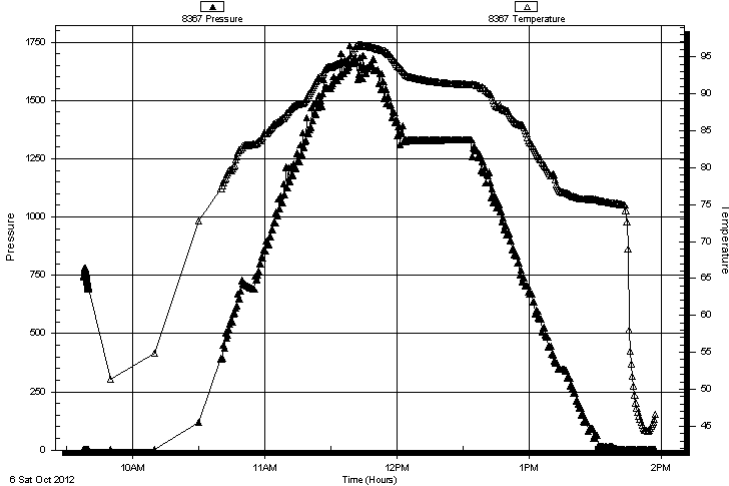
End Time: 13:57:19

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) |
|----------------|-----------------|------------------|
| | | |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

ATTN: Nick Gerstner

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 |
| | | | <u>Total Volume: 44.80 bbl</u> | 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
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

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 in ³ | 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:

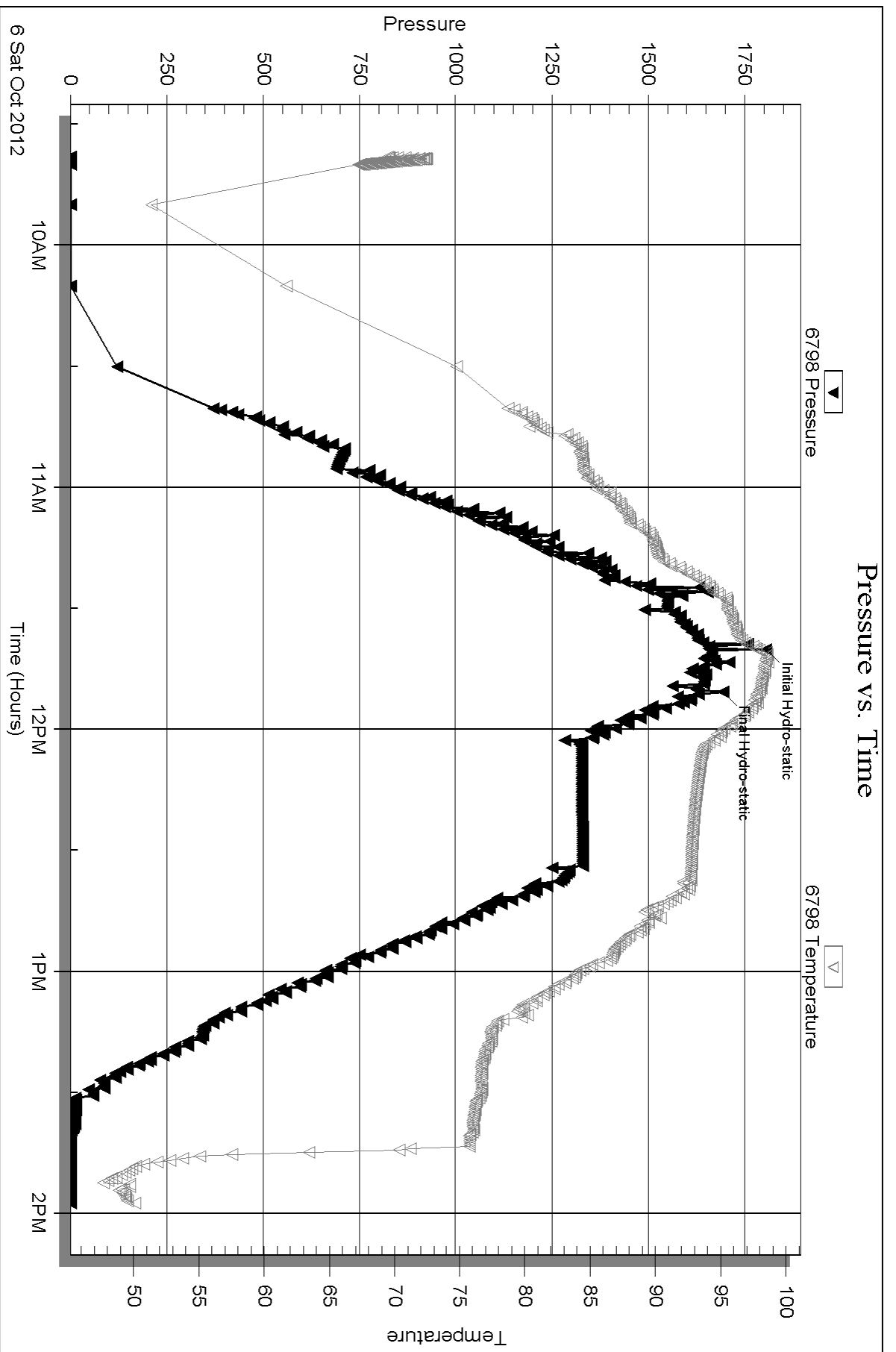
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 1

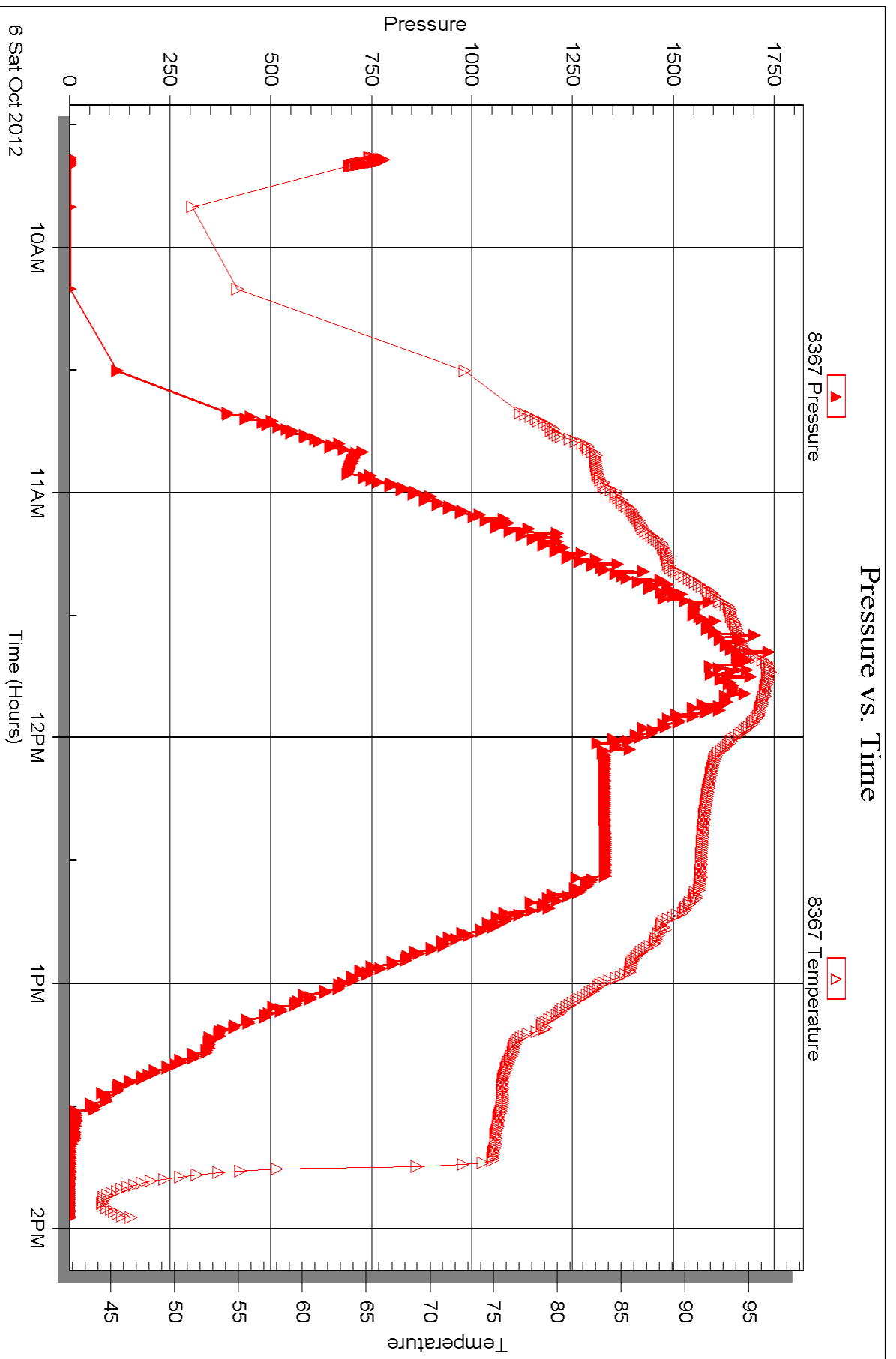


Serial #: 8367

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
 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
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1921.00 ft (KB)
 1912.00 ft (CF)
 KB to GR/CF: 9.00 ft

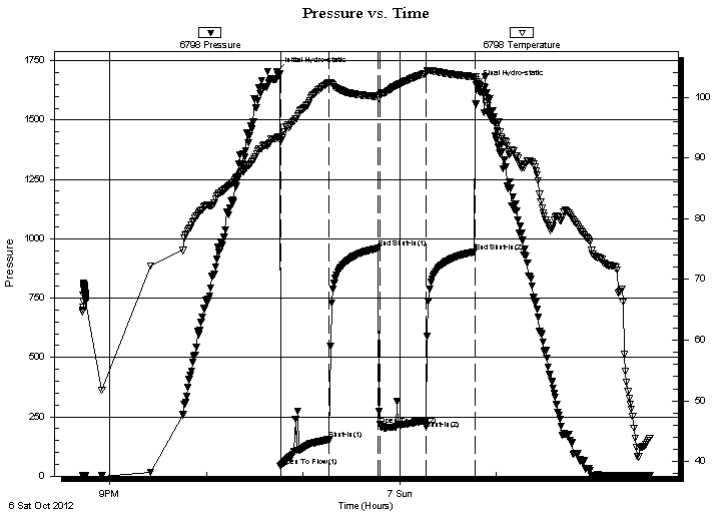
Serial #: 6798

Inside

Press @ Run Depth: 233.80 psig @ 3348.00 ft (KB)
 Start Date: 2012.10.06 End Date: 2012.10.07
 Start Time: 20:43:14 End Time: 02:34:58
 Capacity: 8000.00 psig
 Last Calib.: 2012.10.07
 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 |
| | | |
| | | |

* 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
 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:

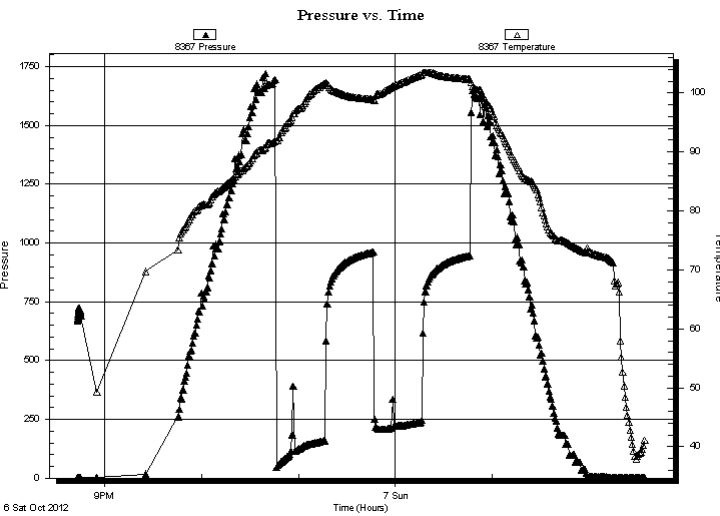
Formation: **Lansing "B & C"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:45:58
 Time Test Ended: 02:34:58
 Interval: **3347.00 ft (KB) To 3410.00 ft (KB) (TVD)**
 Total Depth: 3410.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1921.00 ft (KB)
 1912.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8367

Outside

Press @ Run Depth: 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: 02:34:43 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 SUMMARY

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

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 |
| | | |
| | | |
| | | |

* 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

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

ATTN: Nick Gerstner

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 |
| | | | <u>Total Volume: 44.80 bbl</u> | 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 |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|-----------------|-------|------|---------|---------|-------------------------------|
| 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
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

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: bbl | | |
| Water Loss: 7.97 in ³ | 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 |
|--------------|---------------|---------------|
| 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 w as .13 @ 42 degrees

Serial #: 6798

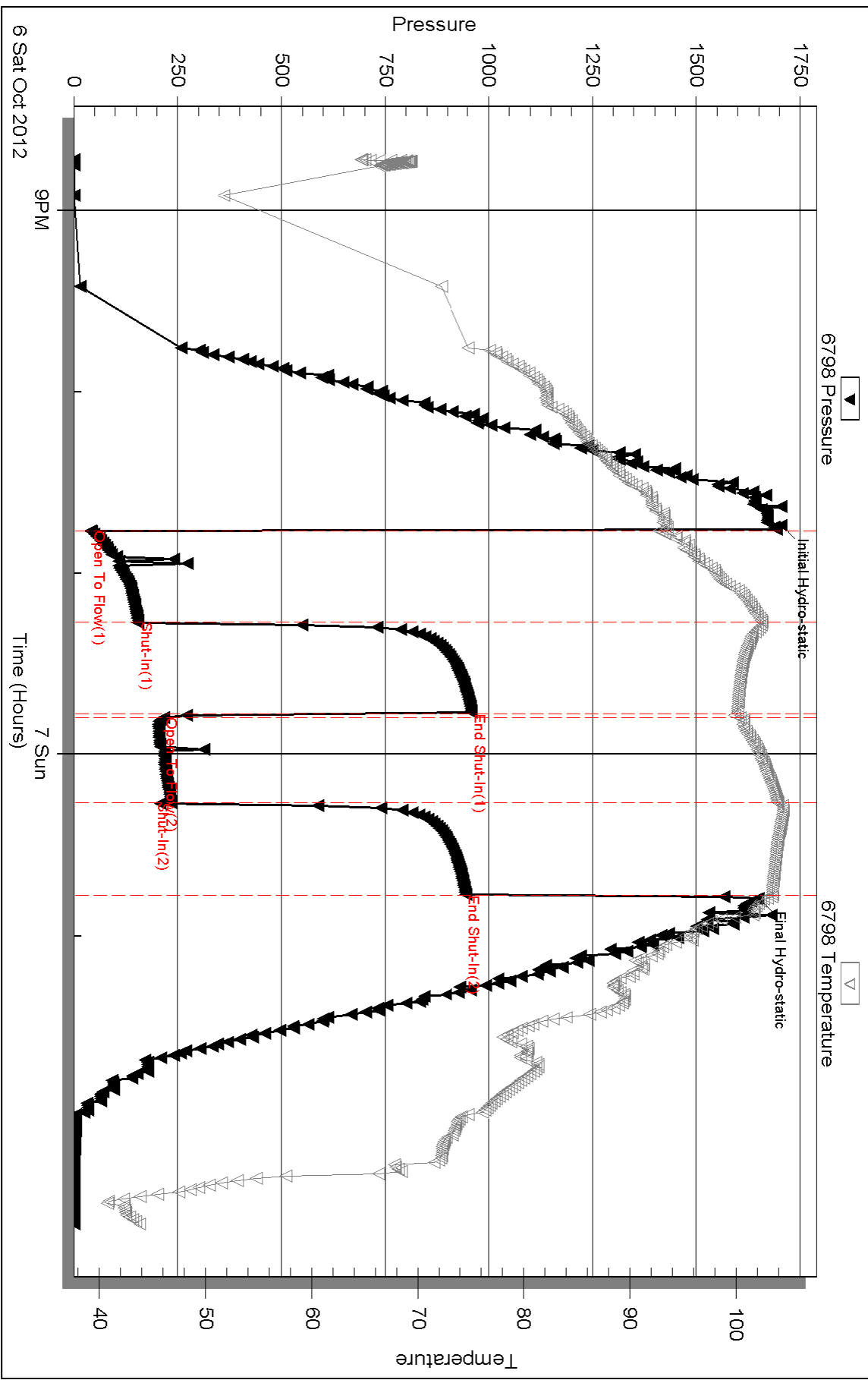
Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 49684

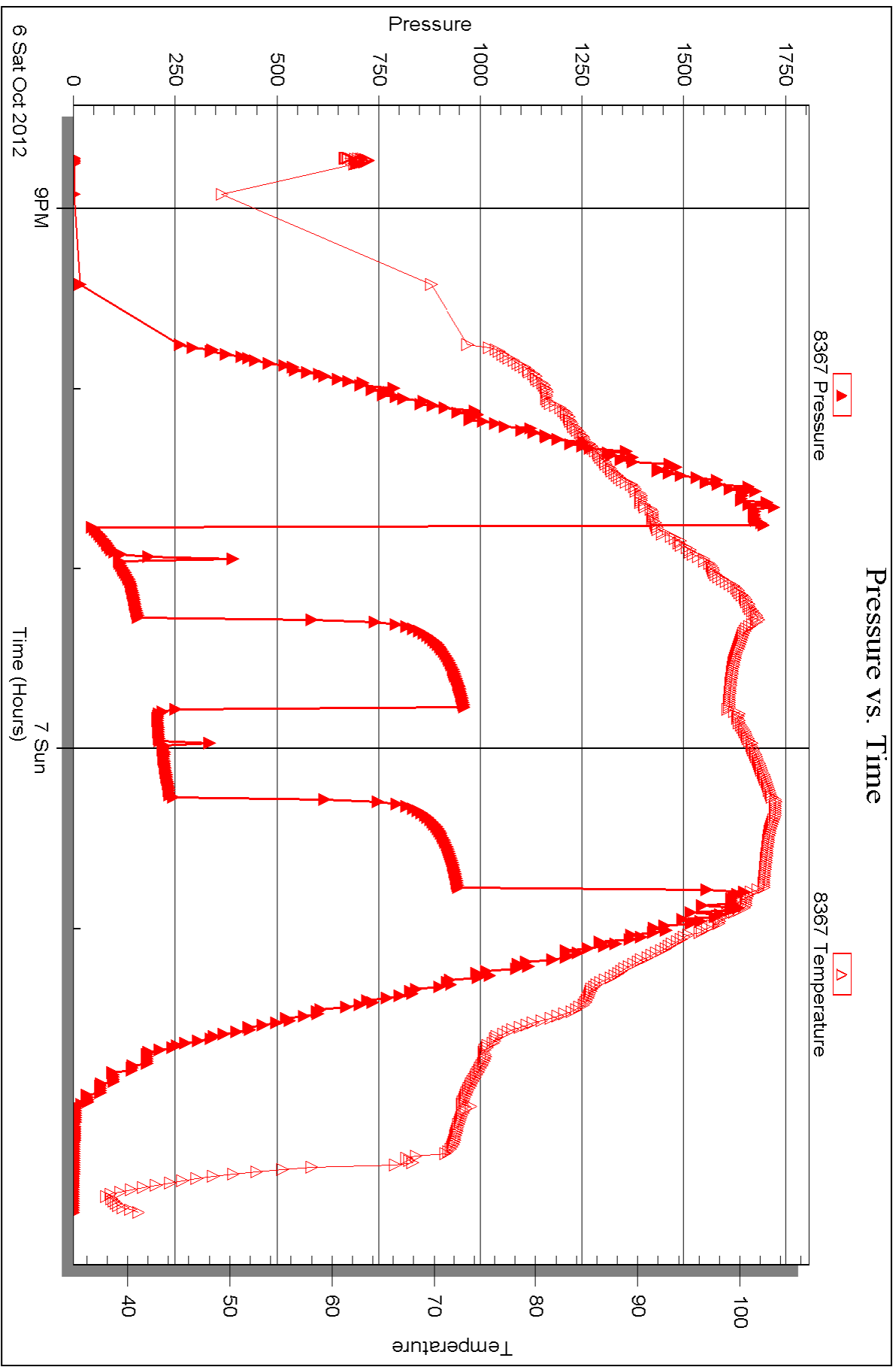
Printed: 2012.10.09 @ 14:24:27

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:

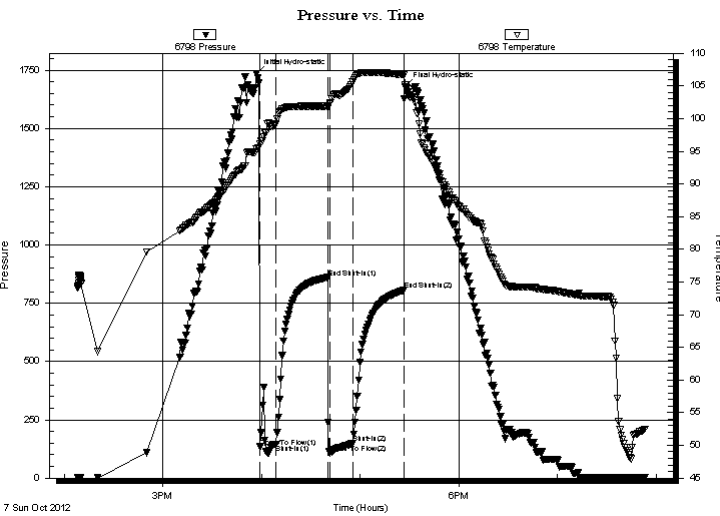
Formation: **Lansing "H & I"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:59:07
 Time Test Ended: 19:53:07
 Interval: **3448.00 ft (KB) To 3486.00 ft (KB) (TVD)**
 Total Depth: 3486.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 45
 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) 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: 19:53:07 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 |
| | | |
| | | |

* 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
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

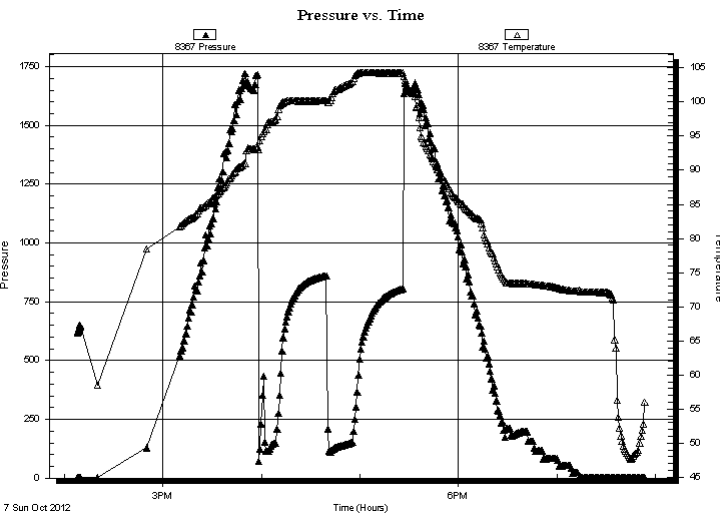
GENERAL INFORMATION:

Formation: **Lansing "H & I"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 15:59:07 Tester: Leal Cason
 Time Test Ended: 19:53:07 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 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 |
| | | |
| | | |
| | | |
| | | |

* 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

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

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 |
| | | | <u>Total Volume: 46.16 bbl</u> | 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:

bbbl

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 w as 26.2 @ 68 degrees

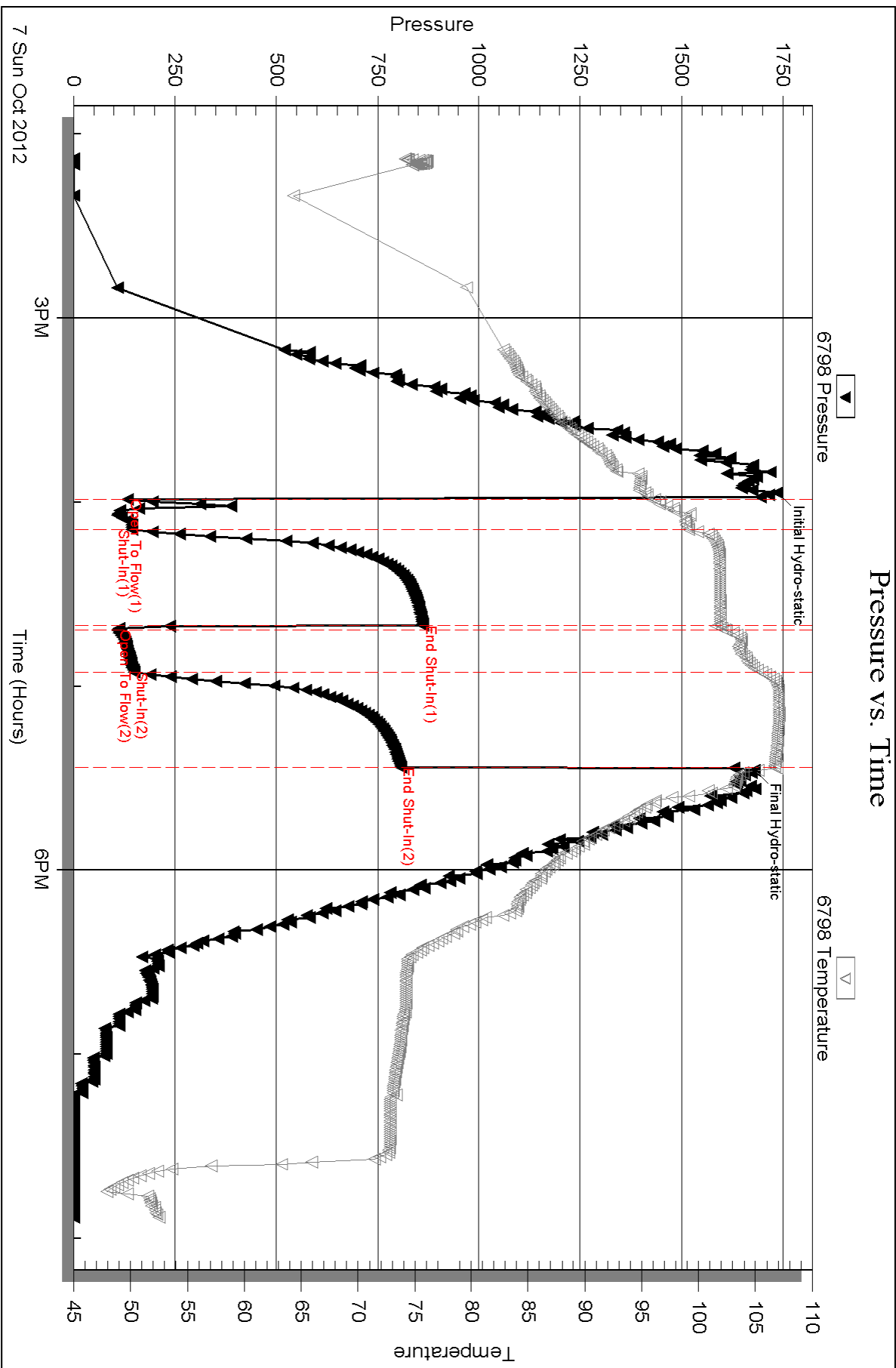
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 3

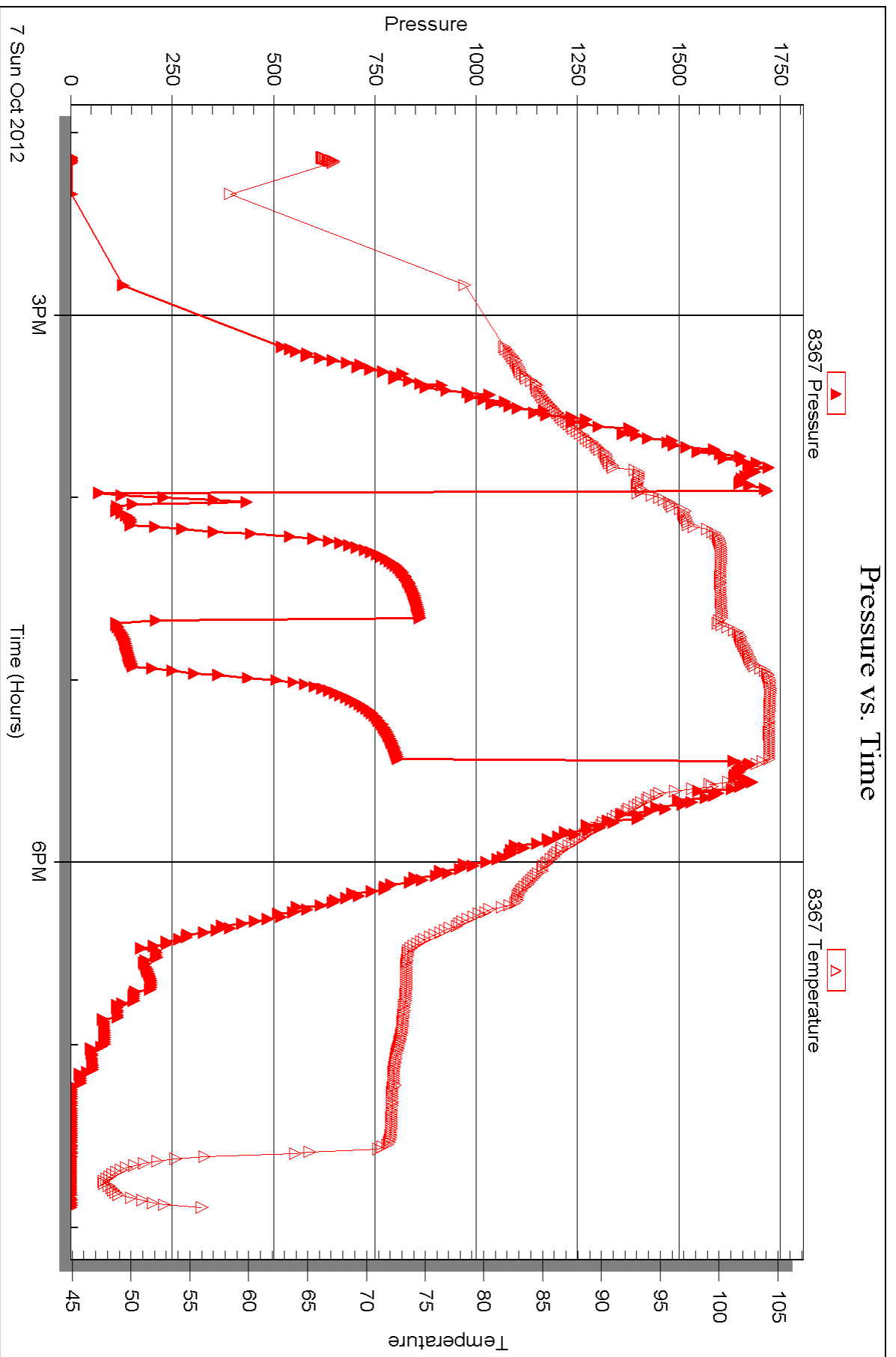


Serial #: 8367

Outside Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 49685

Printed: 2012.10.09 @ 14:23:41



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
 Newton, 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)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:51:31
 Tester: Leal Cason
 Time Test Ended: 10:38:01
 Unit No: 45
 Interval: **3488.00 ft (KB) To 3524.00 ft (KB) (TVD)**
 Reference Elevations: 1921.00 ft (KB)
 Total Depth: 3524.00 ft (KB) (TVD)
 1912.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 9.00 ft

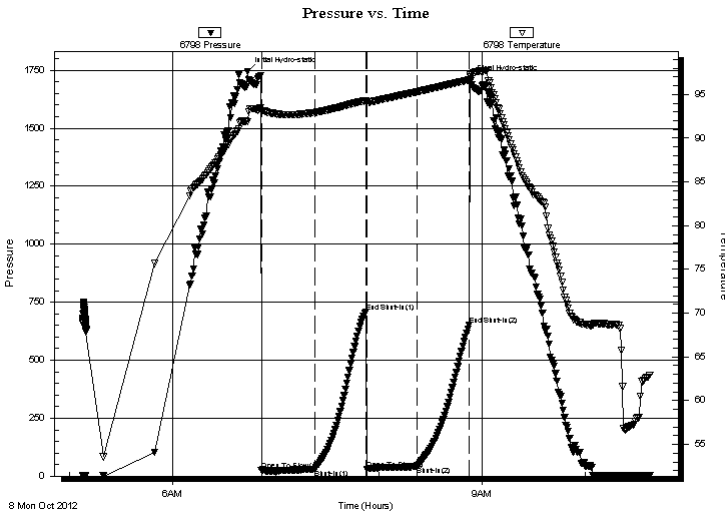
Serial #: 6798

Inside

Press @ RunDepth: 41.44 psig @ 3489.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.08 End Date: 2012.10.08 Last Calib.: 2012.10.08
 Start Time: 05:07:32 End Time: 10:38:01 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 |
| | | |
| | | |
| | | |

* 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
 Newton, KS 67114
 ATTN: Nick Gerstner

Doonan Enterprises #1

6-21-13w Stafford,KS

Job Ticket: 49686 **DST#: 4**

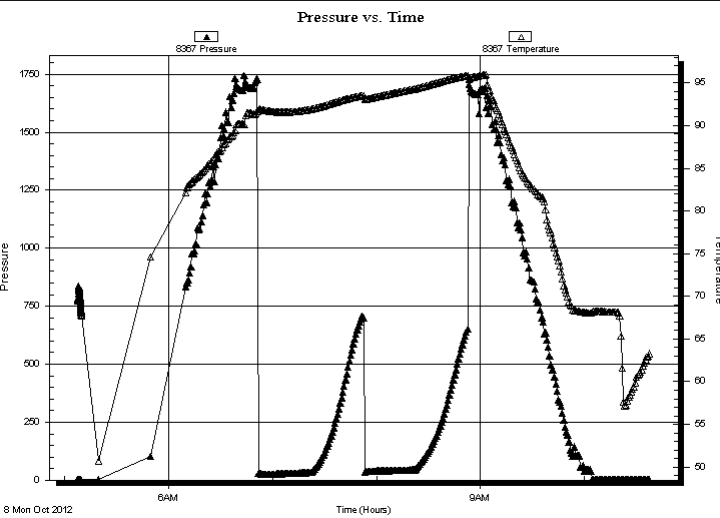
Test Start: 2012.10.08 @ 05:07:31

GENERAL INFORMATION:

Formation: **Lansing " J & K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:51:31
 Time Test Ended: 10:38:01
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
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 45
 Reference Elevations: 1921.00 ft (KB)
 1912.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8367 **Outside**
 Press @ Run Depth: psig @ 3489.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.10.08 End Date: 2012.10.08 Last Calib.: 2012.10.08
 Start Time: 05:07:32 End Time: 10:38:01 Time On Btm:
 Time Off Btm:

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 |
|-------------|-----------------|--------------|------------|
| | | | |
| | | | |
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| | | | |

Recovery

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

* 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

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

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 |
| | | | <u>Total Volume: 47.04 bbl</u> | 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 |
|------------------|-------------|------------|----------|------------|----------------|
|------------------|-------------|------------|----------|------------|----------------|

| | | | | | |
|----------------|-------|------|---------|---------|-------------------------------|
| 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 bbbl |
|--------------|---------------|----------------|
| 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:

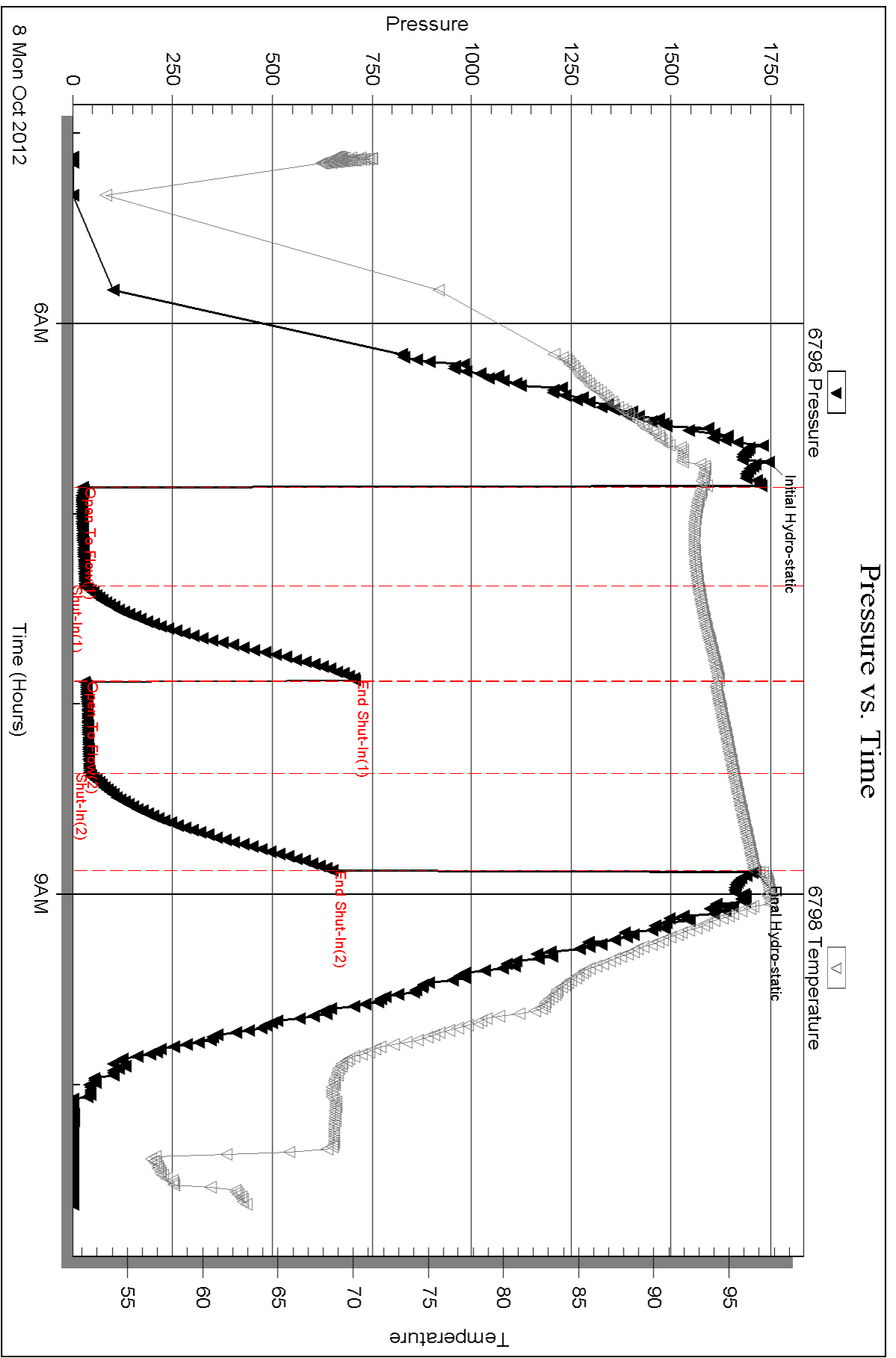
Serial #: 6798

Inside

Palomino Petroleum Inc

6-21-13w Stafford,KS

DST Test Number: 4

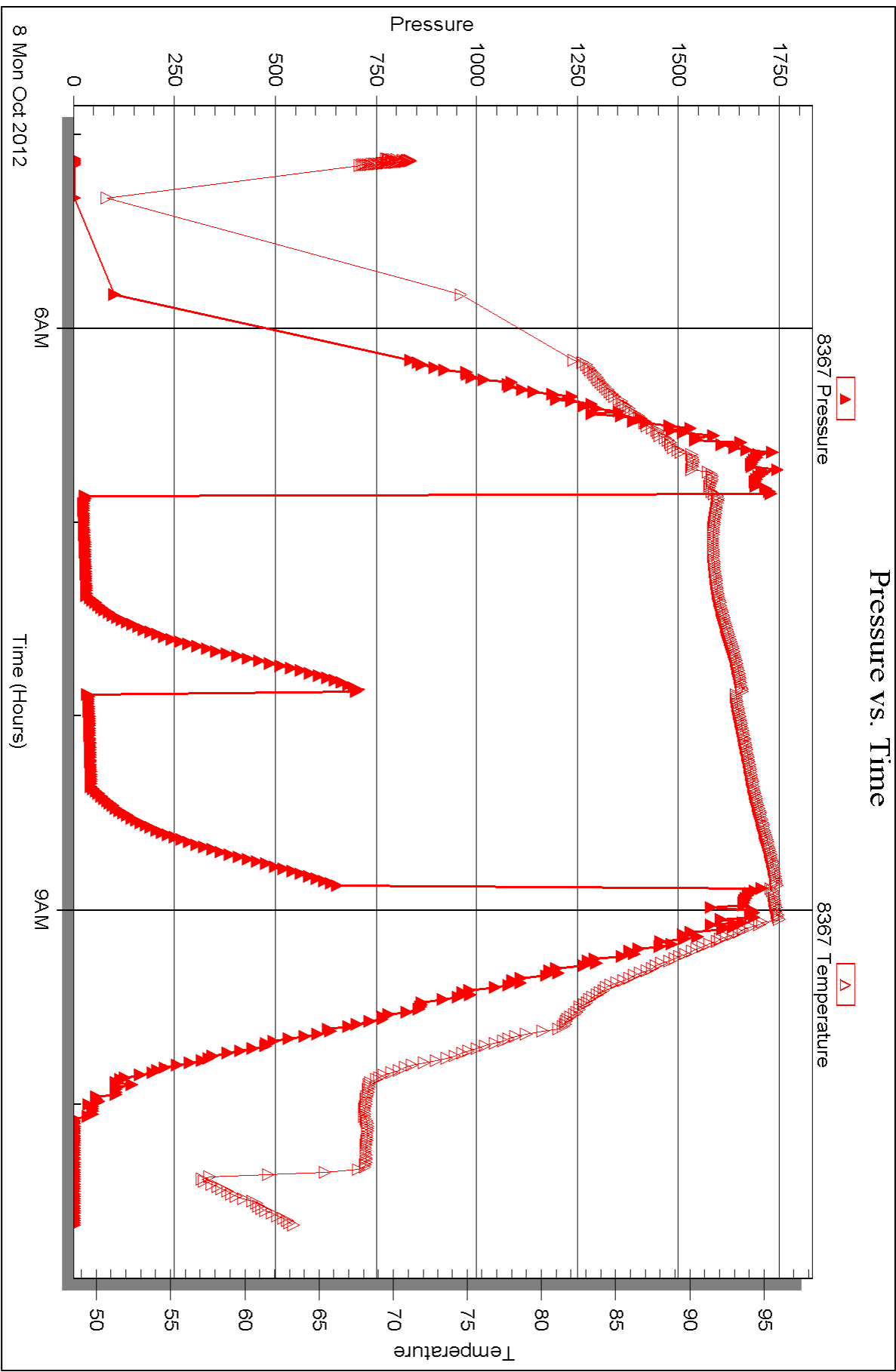


Serial #: 8367

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)

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 #: 6798

Inside

Press @ Run Depth: 499.69 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:

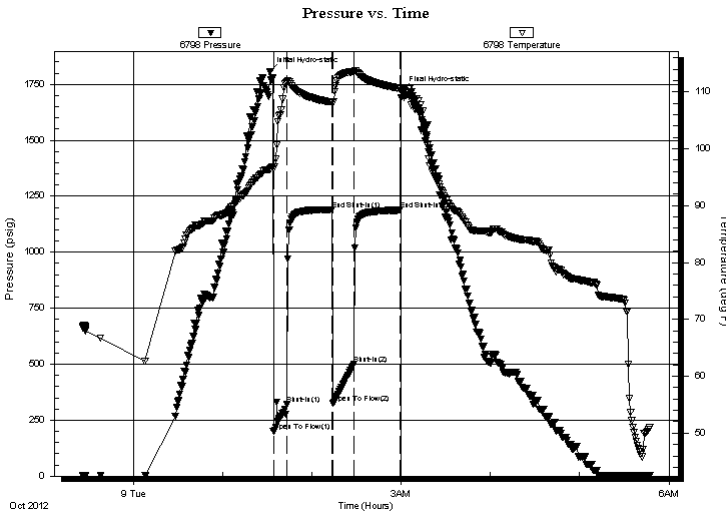
05:46:57

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 |
| | | |
| | | |

* 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
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 @ Run Depth: 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:

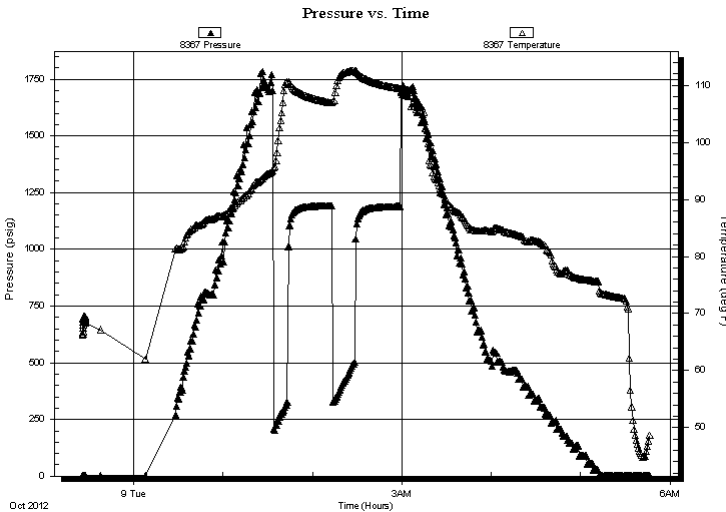
05:46:42

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

Doonan Enterprises #1

4924 SE 84th
New ton, KS 67114

6-21-13w Stafford,KS

ATTN: Nick Gerstner

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 |
| | | | <u>Total Volume: 47.52 bbl</u> | 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:

bbbl

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

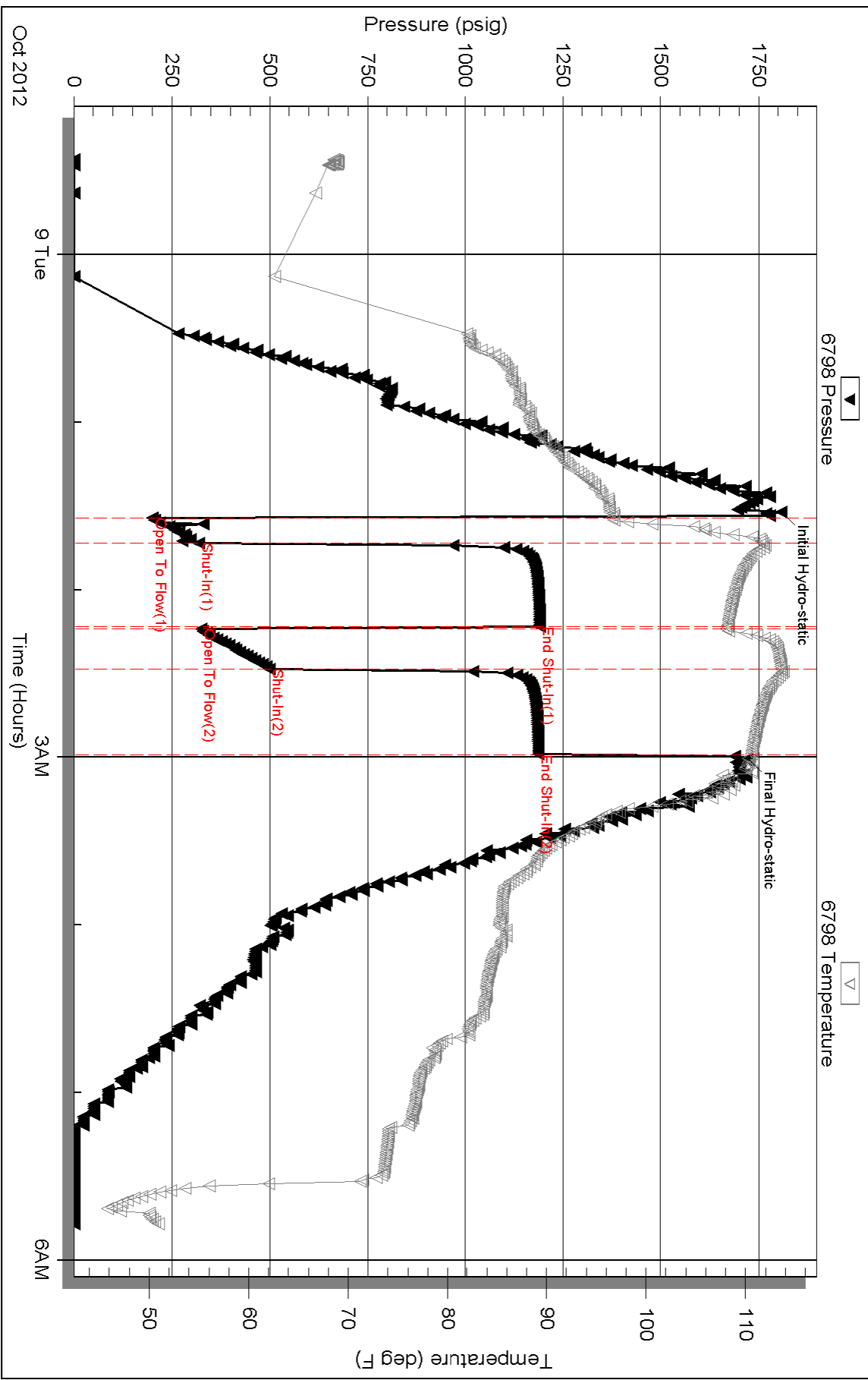
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .25 @ 43 degrees

Pressure vs. Time

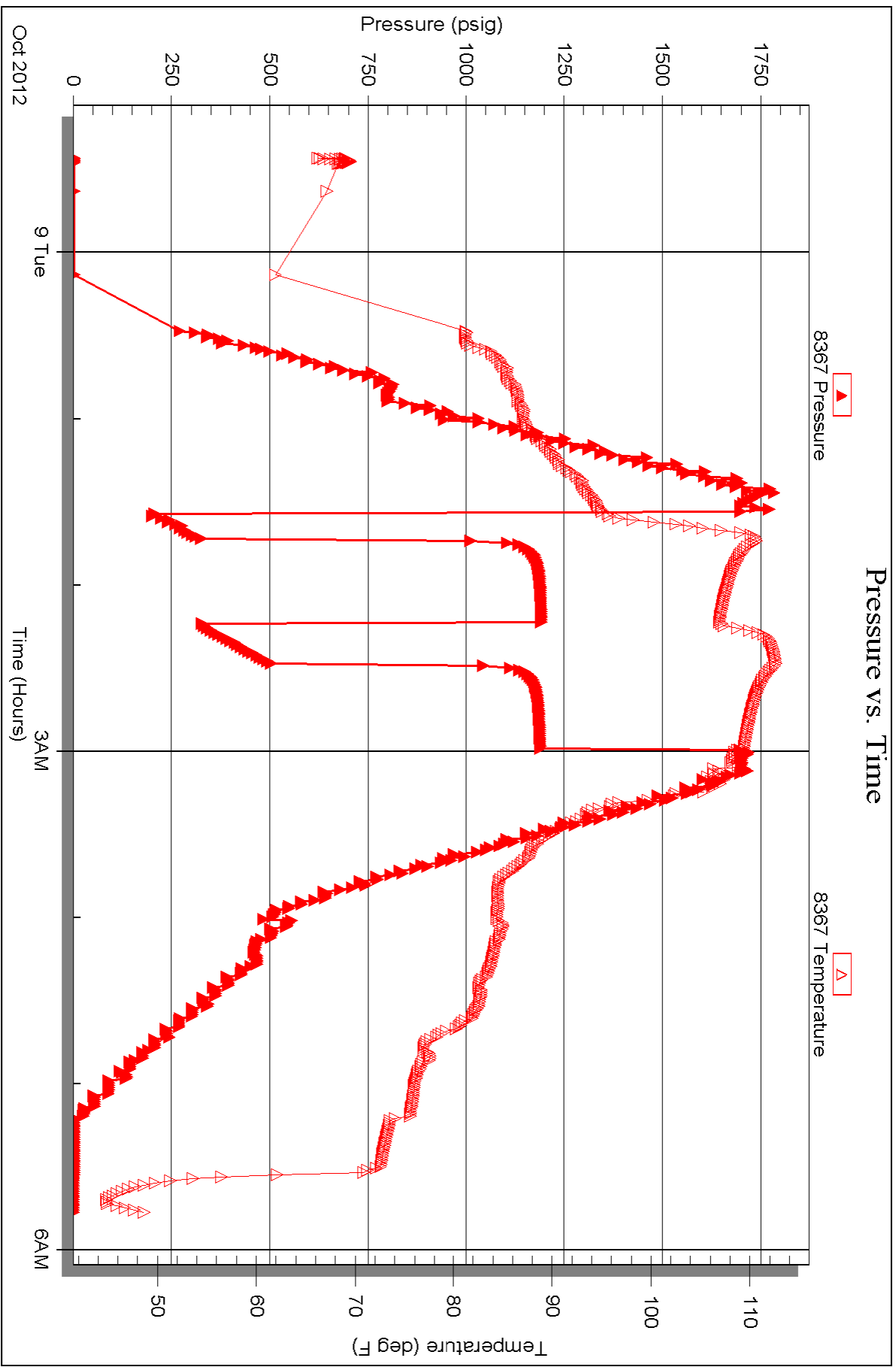


Serial #: 8367

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

4/10

Well Name & No. Doonan unit 1 Test No. 1 Date 10/06/12
 Company Palomine 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 Total N/A BHT N/A Gravity N/A API RW N/A @ N/A° F Chlorides N/A ppm

(A) Initial Hydrostatic 1805 Test 950 T-On Location 08:30
 (B) First Initial Flow N/A Jars 250 T-Started 09:38
 (C) First Final Flow N/A Safety Joint 75 T-Open N/A
 (D) Initial Shut-In N/A Circ Sub T-Pulled 11:50
 (E) Second Initial Flow N/A Hourly Standby T-Out 13:57
 (F) Second Final Flow N/A Mileage 901 139.50 Comments
 (G) Final Shut-In N/A Sampler
 (H) Final Hydrostatic 1694 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1414.50
 Accessibility MP/DST Disc't

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 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. 8 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 Test 1150 T-On Location 20:00
 (B) First Initial Flow 41 Jars 250 T-Started 20:43
 (C) First Final Flow 155 Safety Joint 75 T-Open 22:45
 (D) Initial Shut-In 960 Circ Sub T-Pulled 00:46
 (E) Second Initial Flow 216 Hourly Standby T-Out 02:34
 (F) Second Final Flow 234 Mileage (90) 139.50 Comments
 (G) Final Shut-In 945 Sampler
 (H) Final Hydrostatic 1650 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1614.50
 Accessibility MP/DST Disc't

Approved By _____ Our Representative _____

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49685

4/10

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>20</u> | |
| <u>304</u> | <u>Gassy oil</u> | <u>10</u> | <u>90</u> | | |
| | | | | | |
| | | | | | |

Rec Total 428 BHT 107° Gravity 25.4 API RW NIC @ NIC Chlorides NIC ppm

| | | |
|-------------------------------------|--|---|
| (A) Initial Hydrostatic <u>1736</u> | <input checked="" type="checkbox"/> Test 1150 | T-On Location <u>13:15</u> |
| (B) First Initial Flow <u>134</u> | <input checked="" type="checkbox"/> Jars 250 | T-Started <u>14:08</u> |
| (C) First Final Flow <u>144</u> | <input checked="" type="checkbox"/> Safety Joint 75 | T-Open <u>15:59</u> |
| (D) Initial Shut-In <u>860</u> | <input type="checkbox"/> Circ Sub | T-Pulled <u>17:26</u> |
| (E) Second Initial Flow <u>108</u> | <input type="checkbox"/> Hourly Standby | T-Out <u>19:53</u> |
| (F) Second Final Flow <u>149</u> | <input checked="" type="checkbox"/> Mileage <u>(90)</u> 139.50 | Comments |
| (G) Final Shut-In <u>806</u> | <input type="checkbox"/> Sampler | |
| (H) Final Hydrostatic <u>1680</u> | <input type="checkbox"/> Straddle | <input type="checkbox"/> Ruined Shale Packer |
| Initial Open <u>10</u> | <input type="checkbox"/> Shale Packer | <input type="checkbox"/> Ruined Packer |
| Initial Shut-In <u>30</u> | <input type="checkbox"/> Extra Packer | <input type="checkbox"/> Extra Copies |
| Final Flow <u>15</u> | <input type="checkbox"/> Extra Recorder | Sub Total <u>0</u> |
| Final Shut-In <u>30</u> | <input type="checkbox"/> Day Standby | Total <u>1614.50</u> |
| | <input type="checkbox"/> Accessibility | <input checked="" type="checkbox"/> MP/DST Disc't |

Approved By [Signature] Our Representative [Signature]
 Sub Total 1614.50

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49686

4/10

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

FF: 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 NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic 1745 Test 1150 T-On Location 04:30
 (B) First Initial Flow 25 Jars 250 T-Started 05:07
 (C) First Final Flow 30 Safety Joint 75 T-Open 06:51
 (D) Initial Shut-In 706 Circ Sub _____ T-Pulled 08:52
 (E) Second Initial Flow 29 Hourly Standby _____ T-Out 10:38
 (F) Second Final Flow 41 Mileage 90 139.50 Comments _____
 (G) Final Shut-In 650 Sampler _____
 (H) Final Hydrostatic 1710 Straddle _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 30 Extra Packer _____
 Final Shut-In 30 Extra Recorder _____
 Sub Total 0
 Total 1614.50
 Sub Total 1614.50 MP/DST Disc't

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 49687

4/10

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 S05M</u> | | <u>1</u> | | <u>99</u> |
| <u>124</u> | <u>Feet of 0 WCM</u> | | <u>4</u> | <u>44</u> | <u>52</u> |
| <u>186</u> | <u>Feet of 0 MCW</u> | | <u>5</u> | <u>60</u> | <u>35</u> |
| <u>496</u> | <u>Feet of Water</u> | | | | |
| Rec | Feet of | %gas | %oil | %water | %mud |
| Rec Total | <u>940</u> | BHT | <u>110</u> | Gravity | <u>N/C</u> |
| | | API RW | <u>0.25 @ 43</u> | ° F | Chlorides |
| | | | | | <u>49000</u> ppm |

(A) Initial Hydrostatic 1808 Test 1150 T-On Location 22:15
 (B) First Initial Flow 200 Jars 250 T-Started 23:25
 (C) First Final Flow 320 Safety Joint 75 T-Open 01:34
 (D) Initial Shut-In 1191 Circ Sub T-Pulled 02:59
 (E) Second Initial Flow 325 Hourly Standby T-Out 05:46
 (F) Second Final Flow 500 Mileage (90) 139.50 Comments
 (G) Final Shut-In 1188 Sampler
 (H) Final Hydrostatic 1723 Straddle Ruined Shale Packer
 Shale Packer 250 Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1864.50
 Accessibility MP/DST Disc't
 Sub Total 1864.50

Approved By _____ Our Representative [Signature]
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