

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th Street
Newton, KS 67114

ATTN: Kevin Bailey

#1 Patricia Ann

15-17s-25w Ness, KS

Start Date: 2012.09.16 @ 10:45:28

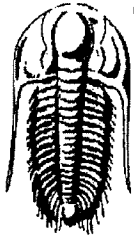
End Date: 2012.09.16 @ 17:04:13

Job Ticket #: 47865 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum, Inc
 4924 SE 84th Street
 New ton, KS 67114
 ATTN: Kevin Bailey

15-17s-25w Ness, KS
#1 Patricia Ann
 Job Ticket: 47865 **DST#: 1**
 Test Start: 2012.09.16 @ 10:45:28

GENERAL INFORMATION:

Formation: **Ft Scott**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 14:05:43
 Time Test Ended: 17:04:13
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jason McLemore
 Unit No: 54
 Interval: **4520.00 ft (KB) To 4573.00 ft (KB) (TVD)**
 Total Depth: 4573.00 ft (KB) (TVD)
 Reference Elevations: 2463.00 ft (KB)
 2458.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

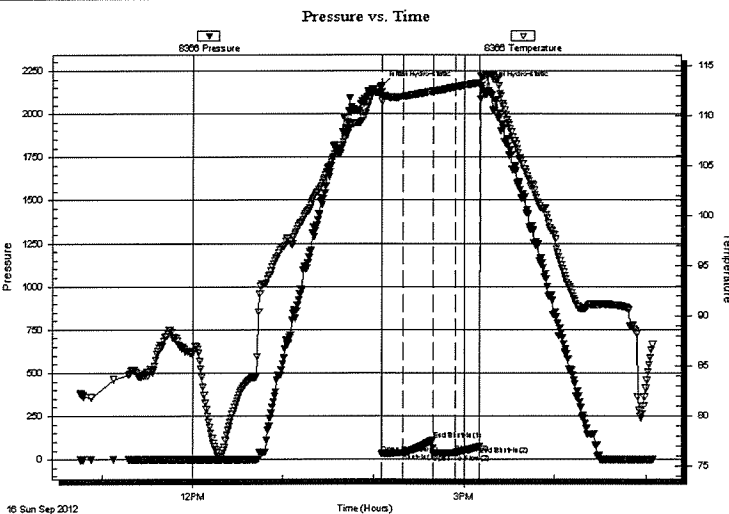
Serial #: 8366

Inside

Press@RunDepth: 36.99 psig @ 4555.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.16 End Date: 2012.09.16 Last Calib.: 2012.09.16
 Start Time: 10:45:30 End Time: 17:04:13 Time On Btm: 2012.09.16 @ 14:05:28
 Time Off Btm: 2012.09.16 @ 15:11:13

TEST COMMENT: IFP-Weak Surface Blow
 ISI-Dead
 FFP-Weak Intermittant Blow
 FSI-Dead

PRESSURE SUMMARY



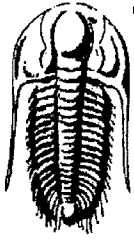
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2164.35	112.40	Initial Hydro-static
1	31.90	111.45	Open To Flow (1)
15	36.02	111.94	Shut-In(1)
34	110.64	112.46	End Shut-In(1)
35	31.20	112.44	Open To Flow (2)
49	36.99	112.88	Shut-In(2)
65	74.45	113.35	End Shut-In(2)
66	2162.75	113.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud W/Oil Specks & Odor	0.02

Gas Rates

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



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DRILL STEM TEST REPORT

Palomino Petroleum, Inc
 4924 SE 84th Street
 Newton, KS 67114
 ATTN: Kevin Bailey

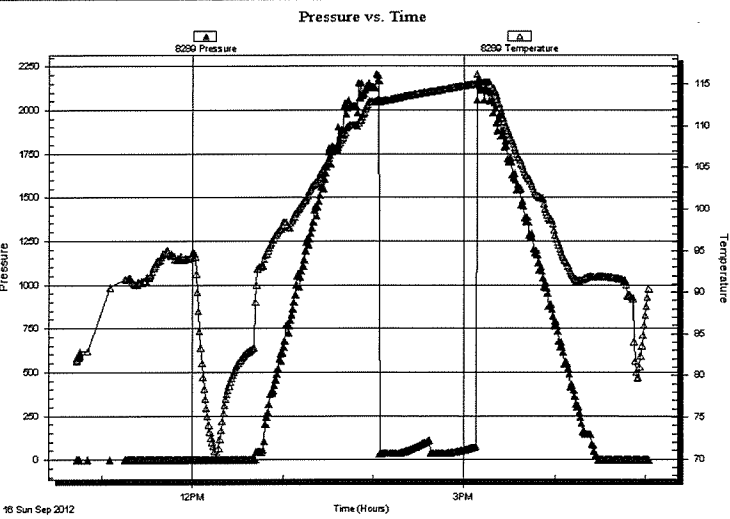
15-17s-25w Ness, KS
#1 Patricia Ann
 Job Ticket: 47865 **DST#: 1**
 Test Start: 2012.09.16 @ 10:45:28

GENERAL INFORMATION:

Formation: **Ft Scott**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 14:05:43
 Time Test Ended: 17:04:13
 Interval: **4520.00 ft (KB) To 4573.00 ft (KB) (TVD)**
 Total Depth: 4573.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jason McLemore
 Unit No: 54
 Reference Elevations: 2463.00 ft (KB)
 2458.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8289 Outside
 Press@RunDepth: psig @ 4555.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.16 End Date: 2012.09.16 Last Calib.: 2012.09.16
 Start Time: 10:43:13 End Time: 17:02:26 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Weak Surface Blow
 ISI-Dead
 FFP-Weak Intermittant Blow
 FSI-Dead



PRESSURE SUMMARY

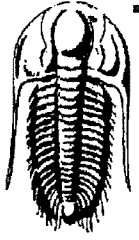
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud W/Oil Specks & Odor	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc
4924 SE 84th Street
New ton, KS 67114
ATTN: Kevin Bailey

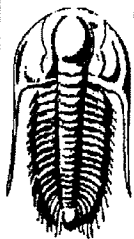
15-17s-25w Ness, KS
#1 Patricia Ann
Job Ticket: 47865 **DST#: 1**
Test Start: 2012.09.16 @ 10:45:28

Tool Information

Drill Pipe:	Length: 4279.00 ft	Diameter: 3.80 inches	Volume: 60.02 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 56000.00 lb
			<u>Total Volume: 61.20 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4520.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	81.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4493.00	
Shut In Tool	5.00			4498.00	
Hydraulic tool	5.00			4503.00	
Jars	5.00			4508.00	
Safety Joint	2.00			4510.00	
Packer	5.00			4515.00	28.00 Bottom Of Top Packer
Packer	5.00			4520.00	
Stubb	1.00			4521.00	
Perforations	1.00			4522.00	
Change Over Sub	1.00			4523.00	
Blank Spacing	31.00			4554.00	
Change Over Sub	1.00			4555.00	
Recorder	0.00	8366	Inside	4555.00	
Recorder	0.00	8289	Outside	4555.00	
Perforations	15.00			4570.00	
Bullnose	3.00			4573.00	53.00 Bottom Packers & Anchor
Total Tool Length:	81.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

15-17s-25w Ness, KS

4924 SE 84th Street
New ton, KS 67114

#1 Patricia Ann

Job Ticket: 47865

DST#: 1

ATTN: Kevin Bailey

Test Start: 2012.09.16 @ 10:45:28

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drilling Mud W/Oil Specks & Odor	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

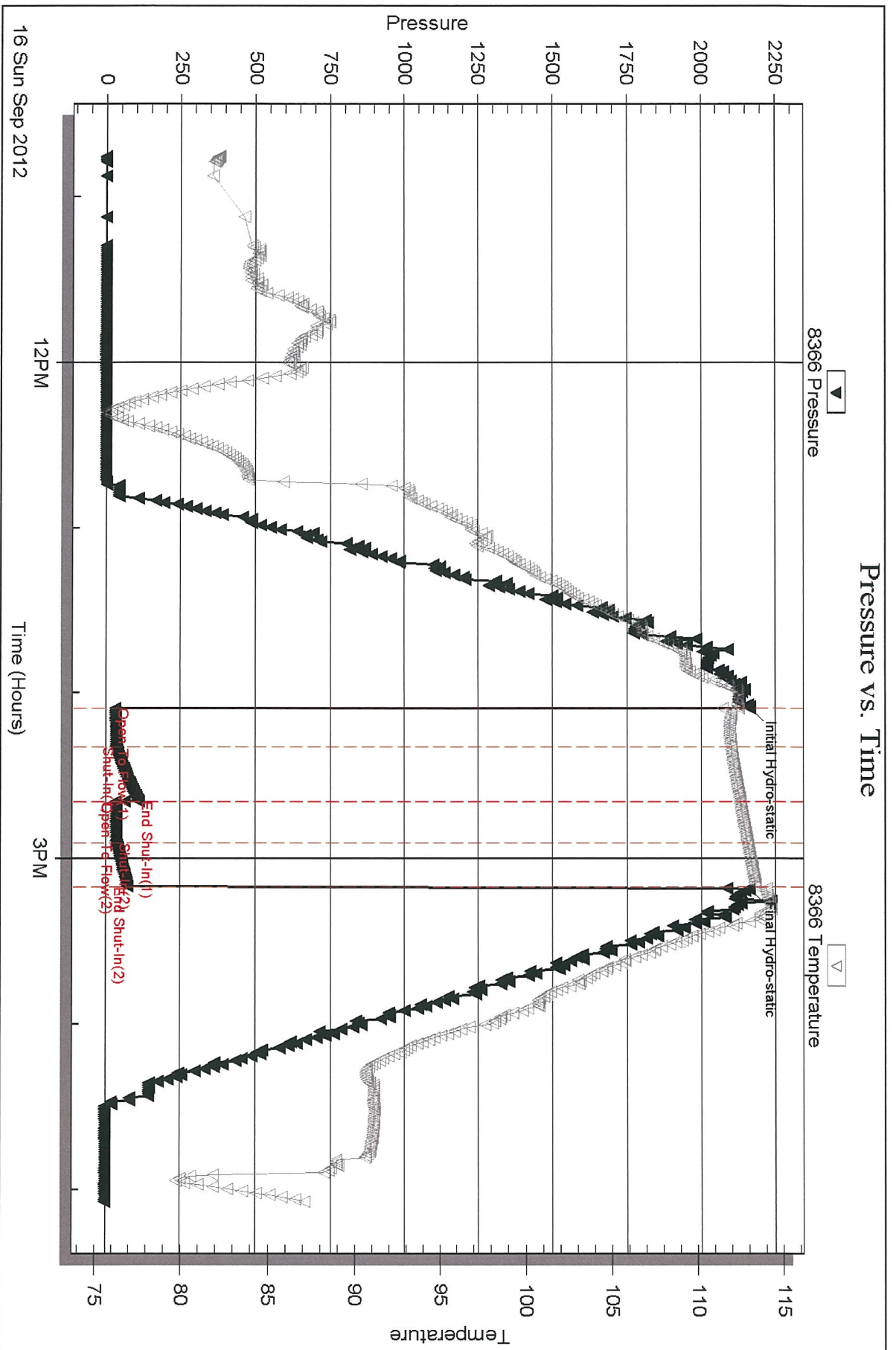
Serial #: 8366

Inside

Palomino Petroleum, Inc

#1 Patricia Ann

DST Test Number: 1



Triolobe Testing, Inc

Ref. No: 47865

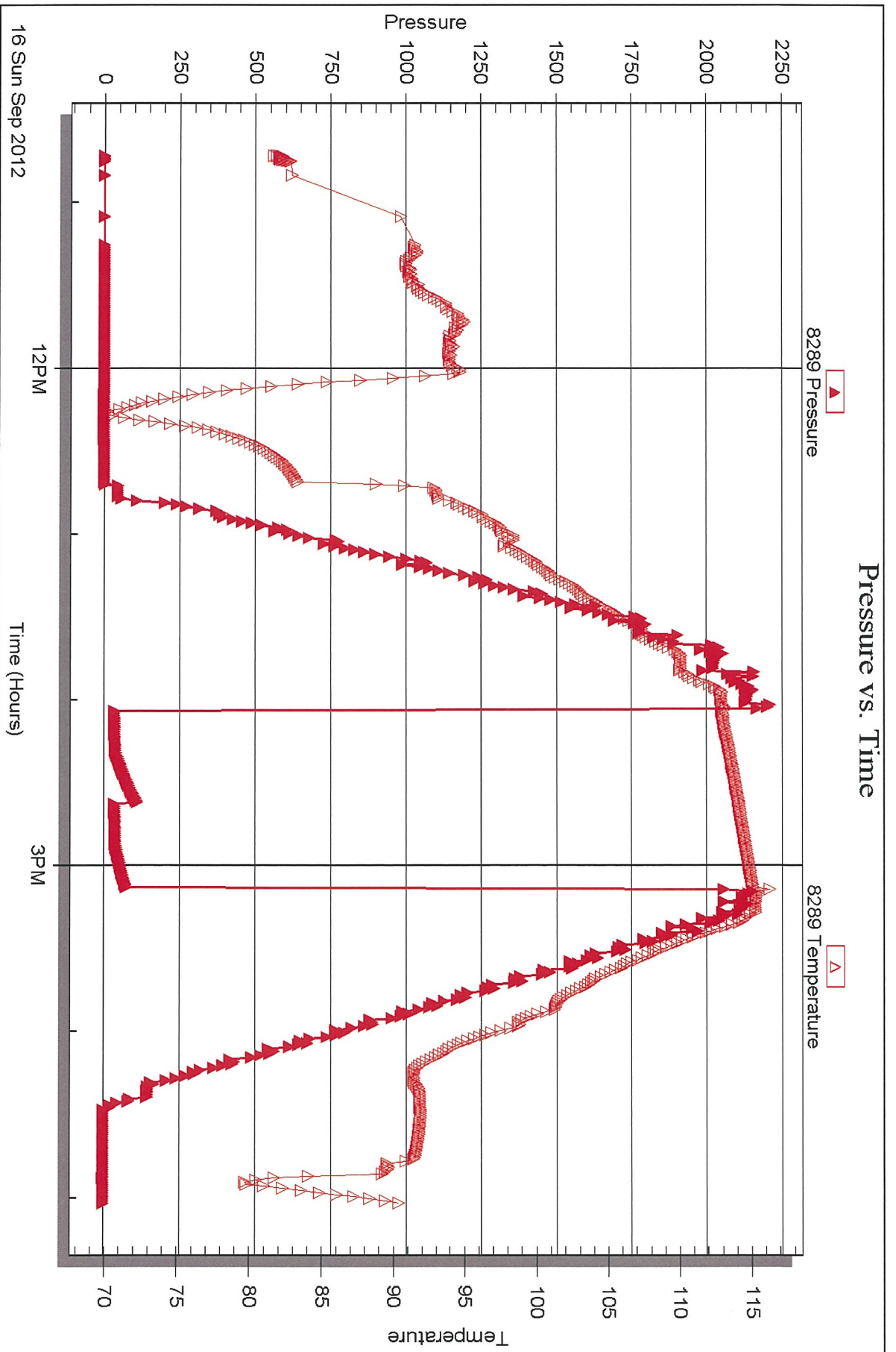
Printed: 2012.09.21 @ 11:08:05

Serial #: 8289

Outside Palomino Petroleum, Inc

#1 Patricia Ann

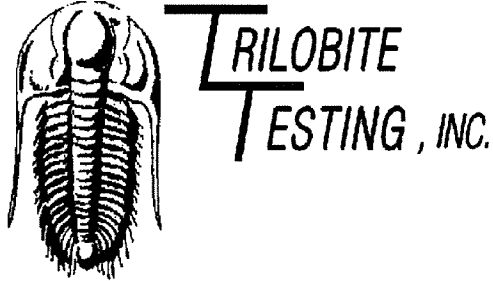
DST Test Number: 1



Tribolite Testing, Inc

Ref. No: 47865

Printed: 2012.09.21 @ 11:08:06



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

4924 SE 84th Street
Newton, KS 67114

ATTN: Kevin Bailey

#1 Patricia Ann

15-17s-25w Ness, KS

Start Date: 2012.09.17 @ 04:53:41

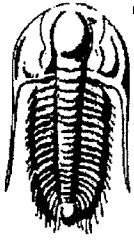
End Date: 2012.09.17 @ 13:20:56

Job Ticket #: 47866 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc
4924 SE 84th Street
New ton, KS 67114
ATTN: Kevin Bailey

15-17s-25w Ness, KS
#1 Patricia Ann
Job Ticket: 47866 **DST#: 2**
Test Start: 2012.09.17 @ 04:53:41

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 08:04:56
Time Test Ended: 13:20:56
Interval: **4410.00 ft (KB) To 4458.00 ft (KB) (TVD)**
Total Depth: 4458.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54
Reference Elevations: 2463.00 ft (KB)
2458.00 ft (CF)
KB to GR/CF: 5.00 ft

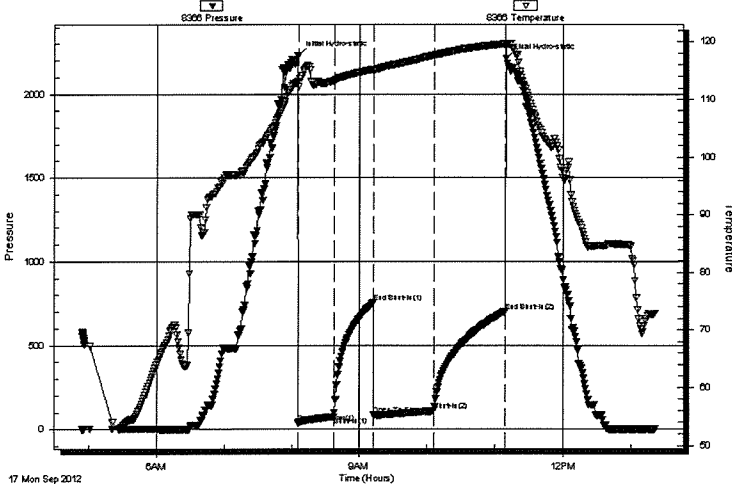
Serial #: 8366

Inside

Press@RunDepth: 107.55 psig @ 4445.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.09.17 End Date: 2012.09.17 Last Calib.: 2012.09.17
Start Time: 04:53:43 End Time: 13:20:56 Time On Btm: 2012.09.17 @ 08:04:41
Time Off Btm: 2012.09.17 @ 11:09:41

TEST COMMENT: IFP-Fair Blow , Built to 5"
ISI-Dead
FFP-Weak Blow , Built to 2-1/2"
FSI-Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.45	113.08	Initial Hydro-static
1	34.63	112.17	Open To Flow (1)
33	74.86	113.23	Shut-In(1)
68	754.33	115.22	End Shut-In(1)
68	85.58	114.81	Open To Flow (2)
121	107.55	117.64	Shut-In(2)
184	702.63	119.65	End Shut-In(2)
185	2212.08	119.54	Final Hydro-static

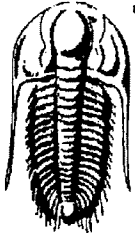
Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCO-60%O-40%M	0.44
140.00	Free Oil	0.69

* 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 Street
New ton, KS 67114
ATTN: Kevin Bailey

15-17s-25w Ness, KS

#1 Patricia Ann

Job Ticket: 47866

DST#: 2

Test Start: 2012.09.17 @ 04:53:41

GENERAL INFORMATION:

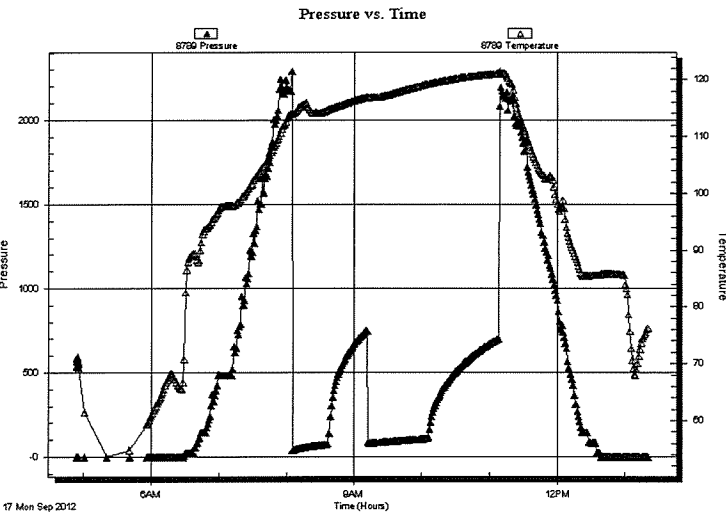
Formation: **Mississippi**
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 08:04:56
 Time Test Ended: 13:20:56
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Jason McLemore
 Unit No: 54
 Interval: **4410.00 ft (KB) To 4458.00 ft (KB) (TVD)**
 Total Depth: 4458.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Reference Elevations: 2463.00 ft (KB)
 2458.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8789

Outside

Press@RunDepth: psig @ 4445.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.17 End Date: 2012.09.17 Last Calib.: 2012.09.17
 Start Time: 04:53:43 End Time: 13:21:11 Time On Btm:
 Time Off Btm:

TEST COMMENT: IFP-Fair Blow , Built to 5"
 IS-Dead
 FFP-Weak Blow , Built to 2-1/2"
 FSI-Dead



PRESSURE SUMMARY

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

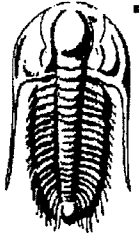
Recovery

Length (ft)	Description	Volume (bbl)
90.00	MCO-60%O-40%M	0.44
140.00	Free Oil	0.69

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc
4924 SE 84th Street
New ton, KS 67114
ATTN: Kevin Bailey

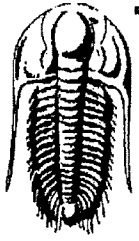
15-17s-25w Ness, KS
#1 Patricia Ann
Job Ticket: 47866 **DST#: 2**
Test Start: 2012.09.17 @ 04:53:41

Tool Information

Drill Pipe:	Length: 4167.00 ft	Diameter: 3.80 inches	Volume: 58.45 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 54000.00 lb
		Total Volume: 59.63 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4410.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	76.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4383.00	
Shut In Tool	5.00			4388.00	
Hydraulic tool	5.00			4393.00	
Jars	5.00			4398.00	
Safety Joint	2.00			4400.00	
Packer	5.00			4405.00	28.00 Bottom Of Top Packer
Packer	5.00			4410.00	
Stubb	1.00			4411.00	
Perforations	1.00			4412.00	
Change Over Sub	1.00			4413.00	
Blank Spacing	31.00			4444.00	
Change Over Sub	1.00			4445.00	
Recorder	0.00	8366	Inside	4445.00	
Recorder	0.00	8789	Outside	4445.00	
Perforations	10.00			4455.00	
Bullnose	3.00			4458.00	48.00 Bottom Packers & Anchor
Total Tool Length:	76.00				



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc

15-17s-25w Ness, KS

4924 SE 84th Street
New ton, KS 67114

#1 Patricia Ann

Job Ticket: 47866

DST#: 2

ATTN: Kevin Bailey

Test Start: 2012.09.17 @ 04:53:41

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	MCO-60%O-40%M	0.443
140.00	Free Oil	0.688

Total Length: 230.00 ft

Total Volume: 1.131 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

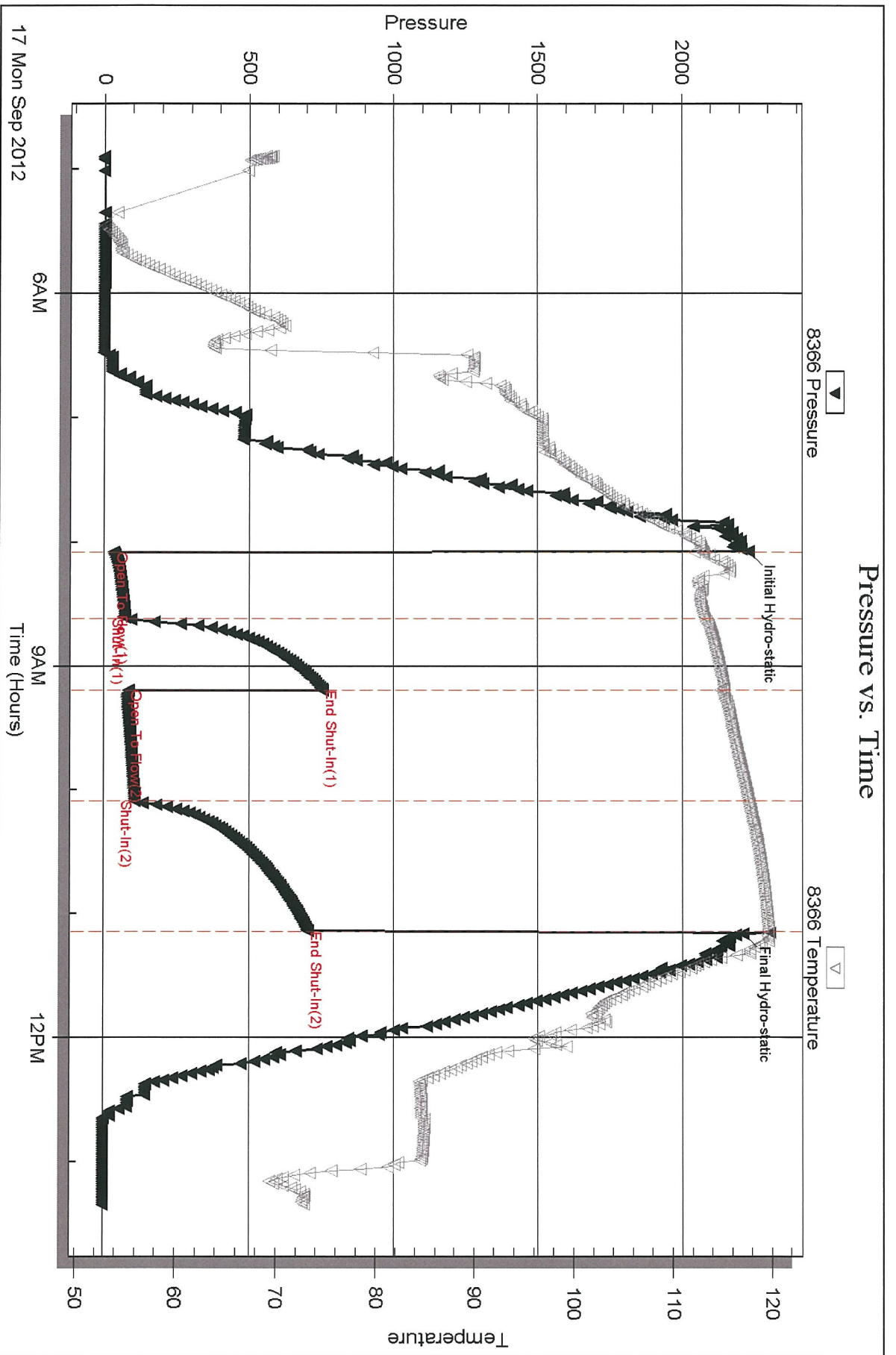
Serial #: 8366

Inside

Palomino Petroleum, Inc

#1 Patricia Ann

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 47866

Printed: 2012.09.21 @ 11:05:37

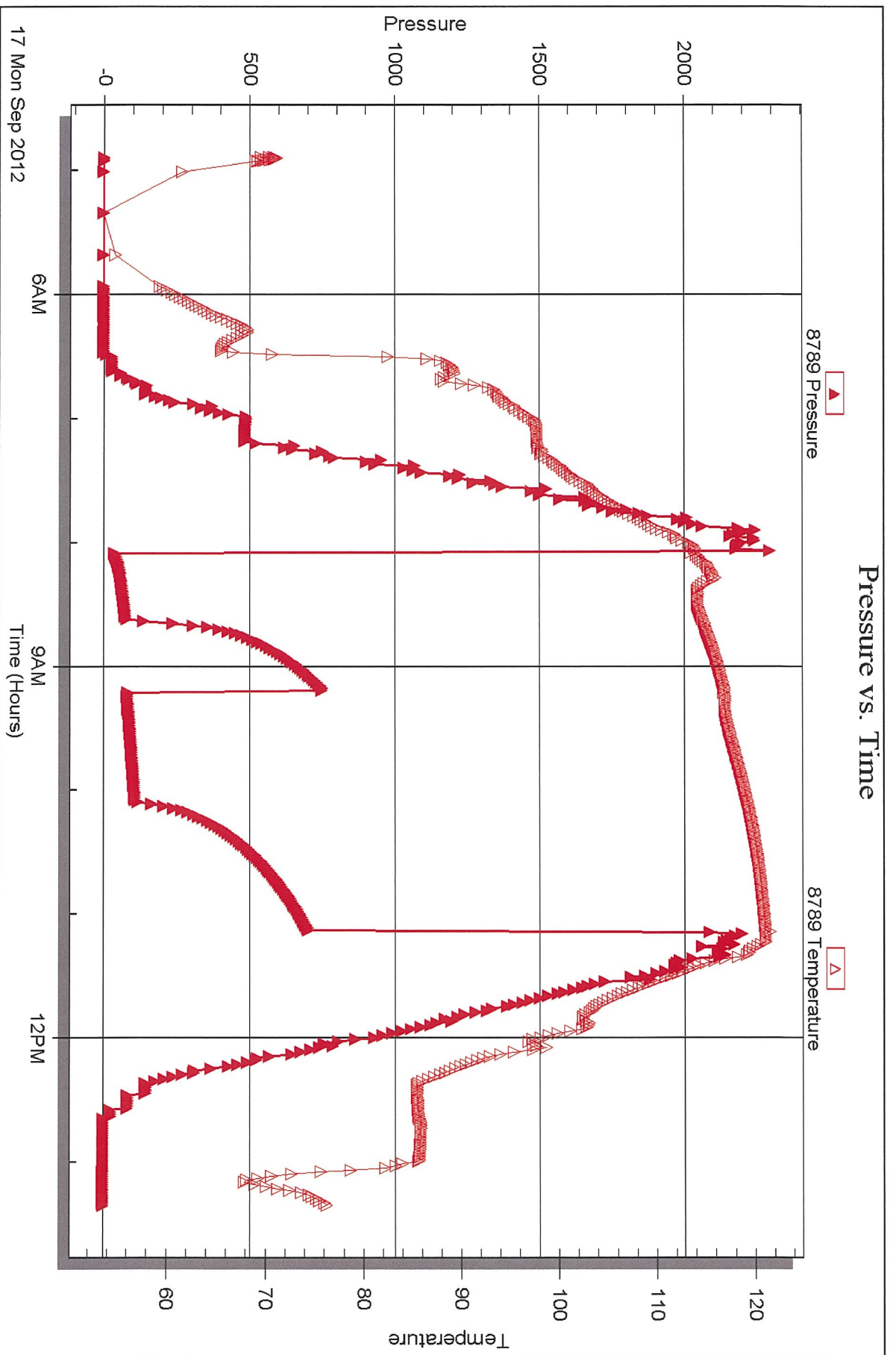
Serial #: 8789

Outside

Palomino Petroleum, Inc

#1 Patricia Ann

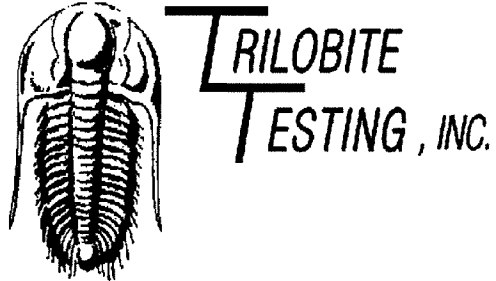
DST Test Number: 2



Trioblite Testing, Inc

Ref. No: 47866

Printed: 2012.09.21 @ 11:05:38



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc**

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Newton, KS 67114

ATTN: Kevin Bailey

#1 Patricia Ann

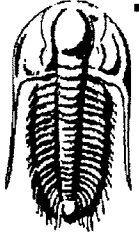
15-17s-25w Ness, KS

Start Date: 2012.09.17 @ 20:57:44

End Date: 2012.09.18 @ 03:49:29

Job Ticket #: 47867 DST #: 3

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc
4924 SE 84th Street
New ton, KS 67114
ATTN: Kevin Bailey

15-17s-25w Ness, KS
#1 Patricia Ann
Job Ticket: 47867 **DST#: 3**
Test Start: 2012.09.17 @ 20:57:44

GENERAL INFORMATION:

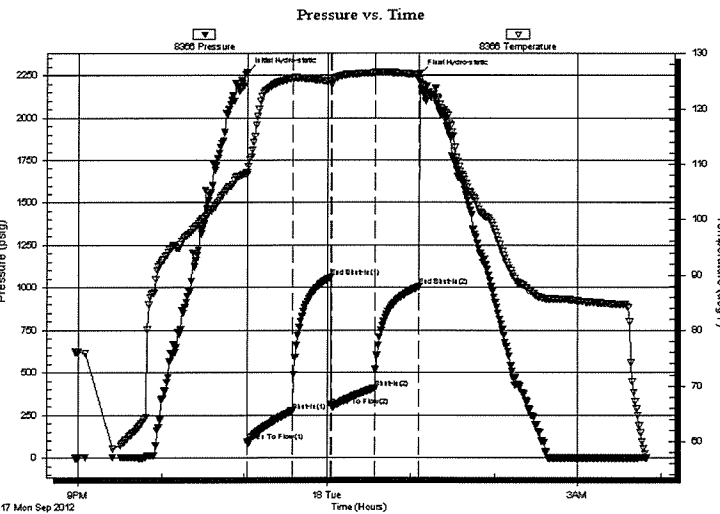
Formation: **Mississippi**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 23:02:14
Time Test Ended: 03:49:29
Test Type: Conventional Bottom Hole (Reset)
Tester: Jason McLemore
Unit No: 54
Interval: **4458.00 ft (KB) To 4471.00 ft (KB) (TVD)**
Total Depth: 4471.00 ft (KB) (TVD)
Reference Elevations: 2463.00 ft (KB)
Hole Diameter: 7.88 inches Hole Condition: Good
2458.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 409.16 psig @ 4460.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.09.17 End Date: 2012.09.18 Last Calib.: 2012.09.18
Start Time: 20:57:46 End Time: 03:49:29 Time On Btm: 2012.09.17 @ 23:01:59
Time Off Btm: 2012.09.18 @ 01:06:14

TEST COMMENT: IFP-Strong, BOB in 4 Min.
ISI-Dead
FFP-Good Blow, BOB in 8 Min.
FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2265.93	108.59	Initial Hydro-static
1	93.62	108.15	Open To Flow (1)
33	274.43	125.50	Shut-In(1)
61	1060.61	124.95	End Shut-In(1)
61	301.19	124.56	Open To Flow (2)
92	409.16	126.50	Shut-In(2)
124	1005.67	126.14	End Shut-In(2)
125	2258.48	126.29	Final Hydro-static

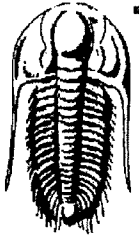
Recovery

Length (ft)	Description	Volume (bbl)
900.00	Salt Water	10.44
2.00	Free Oil	0.03

* 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 Street
New ton, KS 67114
ATTN: Kevin Bailey

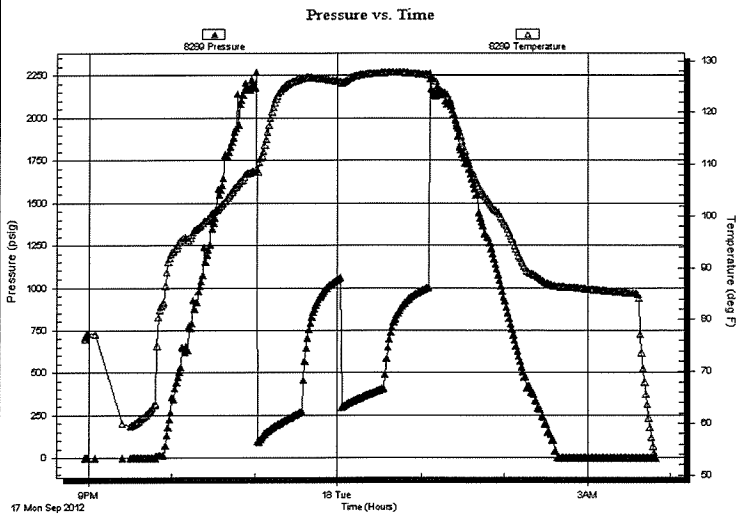
15-17s-25w Ness, KS
#1 Patricia Ann
Job Ticket: 47867 **DST#: 3**
Test Start: 2012.09.17 @ 20:57:44

GENERAL INFORMATION:

Formation:	Mississippi			Test Type:	Conventional Bottom Hole (Reset)
Deviated:	No	Whipstock:	0.00 ft (KB)	Tester:	Jason McLemore
Time Tool Opened:	23:02:14			Unit No:	54
Time Test Ended:	03:49:29			Reference Elevations:	2463.00 ft (KB)
Interval:	4458.00 ft (KB) To	4471.00 ft (KB) (TVD)			2458.00 ft (CF)
Total Depth:	4471.00 ft (KB) (TVD)			KB to GR/CF:	5.00 ft
Hole Diameter:	7.88 inches Hole Condition: Good				

Serial #: 8289	Outside		
Press@RunDepth:	psig @	4460.00 ft (KB)	Capacity: 8000.00 psig
Start Date:	2012.09.17	End Date:	2012.09.18
Start Time:	20:57:31	End Time:	03:49:59
			Last Calib.: 2012.09.18
			Time On Btm:
			Time Off Btm:

TEST COMMENT: IFP-Strong, BOB in 4 Min.
ISI-Dead
FFP-Good Blow, BOB in 8 Min.
FSI-Dead



PRESSURE SUMMARY

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

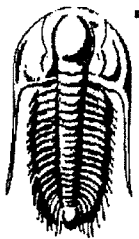
Recovery

Length (ft)	Description	Volume (bbl)
900.00	Salt Water	10.44
2.00	Free Oil	0.03

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

15-17s-25w Ness, KS

4924 SE 84th Street
New ton, KS 67114

#1 Patricia Ann

Job Ticket: 47867

DST#: 3

ATTN: Kevin Bailey

Test Start: 2012.09.17 @ 20:57:44

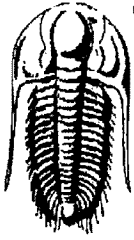
Tool Information

Drill Pipe:	Length: 4204.00 ft	Diameter: 3.80 inches	Volume: 58.97 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 54000.00 lb
		Total Volume: 60.15 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4458.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	41.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4431.00	
Shut In Tool	5.00			4436.00	
Hydraulic tool	5.00			4441.00	
Jars	5.00			4446.00	
Safety Joint	2.00			4448.00	
Packer	5.00			4453.00	28.00 Bottom Of Top Packer
Packer	5.00			4458.00	
Stubb	1.00			4459.00	
Perforations	1.00			4460.00	
Recorder	0.00	8366	Inside	4460.00	
Recorder	0.00	8289	Outside	4460.00	
Perforations	8.00			4468.00	
Bullnose	3.00			4471.00	13.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc
4924 SE 84th Street
New ton, KS 67114
ATTN: Kevin Bailey

15-17s-25w Ness, KS
#1 Patricia Ann
Job Ticket: 47867 **DST#: 3**
Test Start: 2012.09.17 @ 20:57:44

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 14300 ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3100.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
900.00	Salt Water	10.438
2.00	Free Oil	0.028

Total Length: 902.00 ft Total Volume: 10.466 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8366

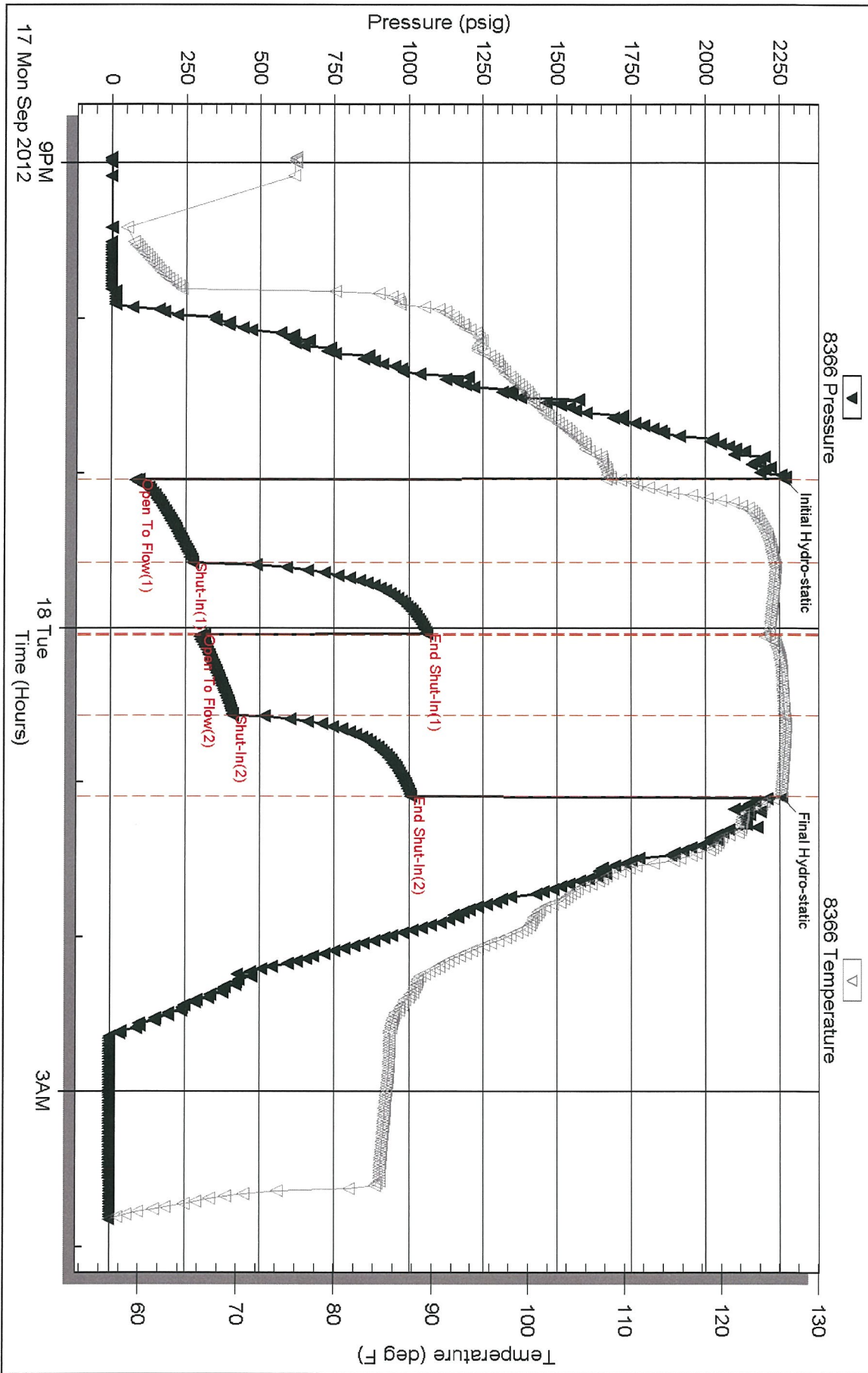
Inside

Palomino Petroleum, Inc

#1 Patricia Ann

DST Test Number: 3

Pressure vs. Time



Trilobe Testing, Inc

Ref. No: 47867

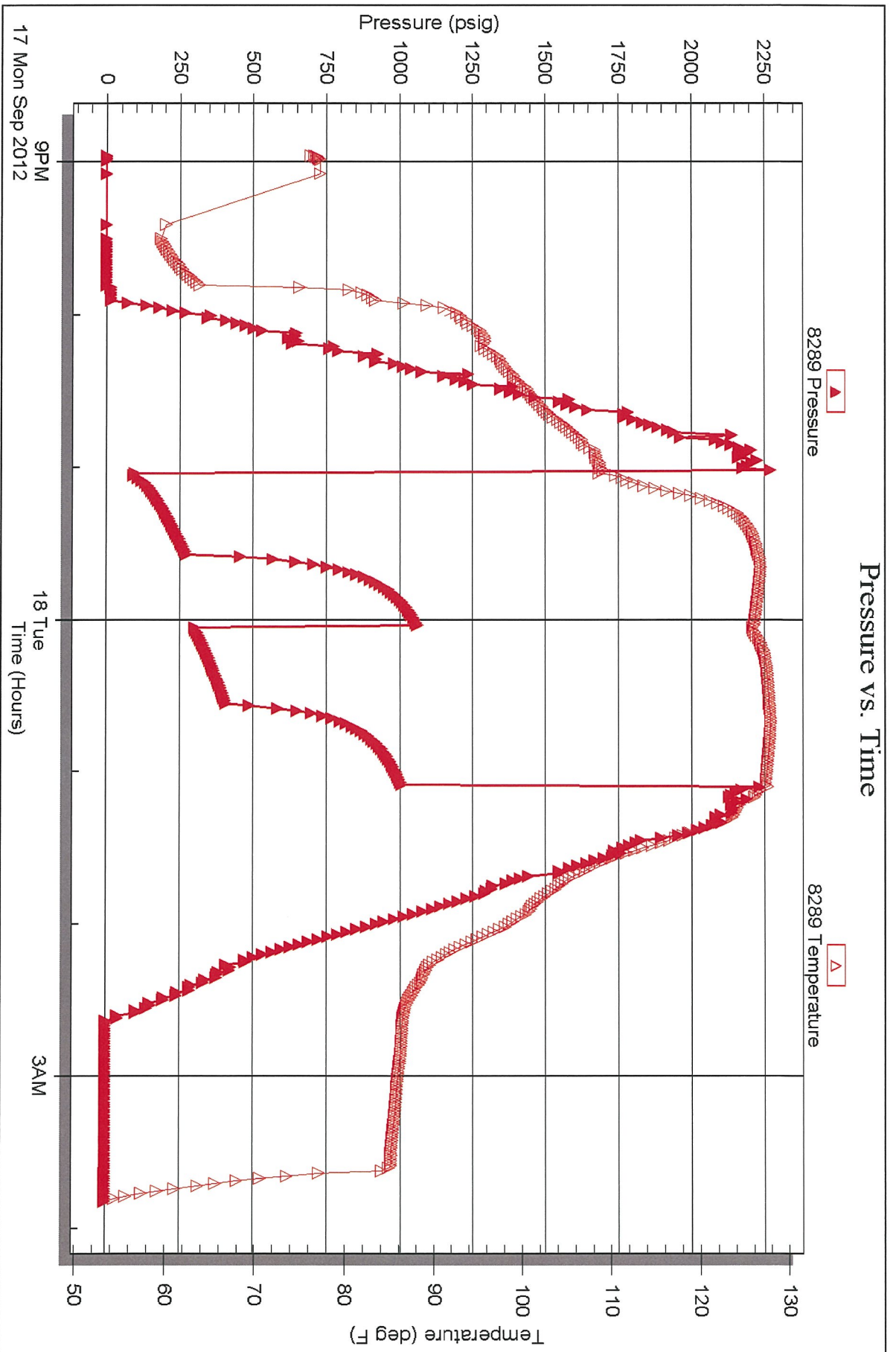
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Serial #: 8289

Outside Palomino Petroleum, Inc

#1 Patricia Ann

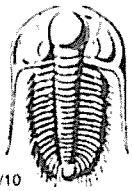
DST Test Number: 3



TriLobite Testing, Inc

Ref. No: 47867

Printed: 2012.09.21 @ 11:04:42



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47865

Well Name & No. #1 Patricia Ann Test No. 1 Date 9-16-12
 Company Palomino Petroleum, Inc. Elevation 2463 KB 2758 GL
 Address 4924 SE 84th Street, Newton, KS. 67114
 Co. Rep / Geo. Kevin Bailey Rig Mallard
 Location: Sec. 15 Twp. 17s Rge. 25w Co. Ness State KS

Interval Tested ~~4320 - 4373~~ 4320 - 4373 Zone Tested F+ Scott
 Anchor Length 53' Drill Pipe Run 4279 Mud Wt. 9.3
 Top Packer Depth 4315 Drill Collars Run 240 Vis 45
 Bottom Packer Depth 4320 Wt. Pipe Run 0 WL 8.8
 Total Depth 4373 Chlorides 3100 ppm System LCM Trace
 Blow Description IFF - Weak surface Blow
ISI - Dead
FFP - Weak Intermittant Blow
FSI - Dead

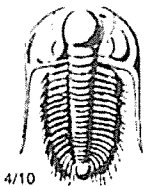
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Drilling Mud w/oil specks</u>				
	<u>and odor</u>				

Rec Total 5 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2164</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>10:33</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:43</u>
(C) First Final Flow <u>36</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>14:04</u>
(D) Initial Shut-In <u>111</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>15:04</u>
(E) Second Initial Flow <u>31</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>17:05</u>
(F) Second Final Flow <u>37</u>	<input checked="" type="checkbox"/> Mileage <u>140 ft</u> 217	Comments _____
(G) Final Shut-In <u>74</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2163</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby _____	Total <u>1792</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1792</u>	

Approved By _____ Our Representative Jason McLenore

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. 47866

Well Name & No. #1 Patricia Ann Test No. 2 Date 9-17-12
 Company Palomino Petroleum, Inc. Elevation 2463 KB 2958 GL
 Address 4924 SE 84th Street, Newton, KS. 67114
 Co. Rep / Geo. Kevin Bailey Rig Mallard
 Location: Sec. 15 Twp. 17s Rge. 25 W Co. Ness State KS

Interval Tested 4420 - 4458 Zone Tested Mississippi
 Anchor Length 48' Drill Pipe Run 4167 Mud Wt. 9.3
 Top Packer Depth ~~4375~~ 4405 Drill Collars Run 240 Vis 4.5
 Bottom Packer Depth ~~4375~~ 4410 Wt. Pipe Run 0 WL 8.8
 Total Depth 4458 Chlorides 3100 ppm System LCM Trace
 Blow Description IFF - Fair Blow, Built to 5"
ISI - Dead
FFP - Weak Blow, Built to 2 1/2"
FST - Dead

Rec	Feet of	%gas	%oil	%water	%mud
140	Free Oil				
90	Mud Cut Oil		60		40

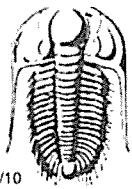
Rec Total 230 BHT 119' Gravity 38 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>2232</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>4:43</u>
(B) First Initial Flow <u>35</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>4:51</u>
(C) First Final Flow <u>75</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>8:03</u>
(D) Initial Shut-In <u>754</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>11:03</u>
(E) Second Initial Flow <u>86</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>13:18</u>
(F) Second Final Flow <u>108</u>	<input checked="" type="checkbox"/> Mileage <u>217</u>	Comments
(G) Final Shut-In <u>703</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2212</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1792</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1792</u>	

Approved By _____

Our Representative Jason Mc Jensen

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47867

Well Name & No. #1 Patricia Ann Test No. 3 Date 9-17-12
 Company Palomino Petroleum, Inc. Elevation 2463 KB 2458 GL
 Address 4924 SE 84th Street, Newton, KS 67114
 Co. Rep / Geo. Kevin Bailey Rig Mallard
 Location: Sec. 15 Twp. 17s Rge. 25w Co. Ness State KS

Interval Tested 4458-4471 Zone Tested Mississippi
 Anchor Length 13' Drill Pipe Run 4204 Mud Wt. 9.3
 Top Packer Depth 4453 Drill Collars Run 240 Vis 4.5
 Bottom Packer Depth 4458 Wt. Pipe Run 0 WL 8.8
 Total Depth 4471 Chlorides 3100 ppm System LCM Trace
 Blow Description IFP- Strong, BOB in 4 min.
ISI- Dead
FFP- Good Blow, BOB in 8 min.
FSI- Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>Free Oil</u>				
<u>900</u>	<u>Salt Water</u>				

Rec Total 902 BHT 126° Gravity 38 API RW 0.592 @ 48° F Chlorides 14,300 ppm

(A) Initial Hydrostatic <u>2266</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>20:42</u>
(B) First Initial Flow <u>94</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:55</u>
(C) First Final Flow <u>274</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:58</u>
(D) Initial Shut-In <u>1061</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>24:58</u>
(E) Second Initial Flow <u>301</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>3:48</u>
(F) Second Final Flow <u>409</u>	<input checked="" type="checkbox"/> Mileage <u>217</u>	Comments
(G) Final Shut-In <u>1006</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2258</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1792</u>
Final Flow <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
Final Shut-In <u>30</u>	Sub Total <u>1792</u>	

Approved By _____ Our Representative Jason Mc Lamore *Thank You!*

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