



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Valentine #1

7-15s-25w Trego,KS

Start Date: 2012.09.17 @ 03:45:00

End Date: 2012.09.17 @ 10:24:09

Job Ticket #: 48451 DST #: 1

TriLOBITE Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-6620

Printed: 2012.09.24 @ 15:52:08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomares Petroleum Inc.

4824 SE 34th St.
Newton, KS 67114

ATTN: Ryan Seib

7-13a-23w Trego, KS

Valentine #1

Job Ticket: 45451

DETA: 1

Test Start: 2012.06.17 @ 03:45:00

GENERAL INFORMATION:

Formation: Lansing

Deviated: No Whipstock: ft (KB)

Time Tool-Opened: 06:25:40

Time Test Ended: 10:24:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: 3810.00 ft (KB) To 3880.00 ft (KB) (TYD)

Total Depth: 3880.00 ft (KB) (TYD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2264.00 ft (KB)

2264.00 ft (CF)

KB to GRCP: 10.00 ft

Serial #: 8018 Inside

Press@RunDepth: 75.37 psig @ 3814.00 ft (KB)

Start Date: 2012.06.17 End Date: 2012.06.17

Start Time: 04:24:01 End Time: 11:00:10

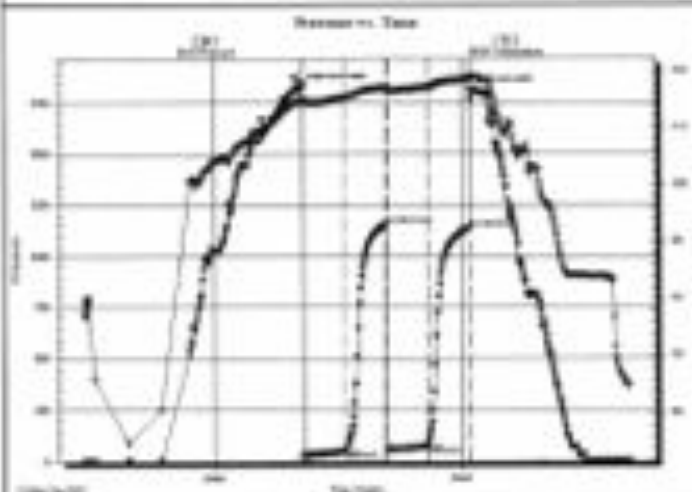
Capacity: 8000.00 psig

Last Cells: 2012.09.17

Time On Btm: 2012.06.17 @ 07:03:10

Time Off Btm: 2012.06.17 @ 08:05:30

TEST COMMENT: B.O.B. @ 27 min.
No return.
B.O.B. @ 10 min.
Weak surface return.



PRESSURE SUMMARY

Time (min)	Pressure (psig)	Temp (deg F)	Annotation
0	1832.06	114.56	Initial Hydro-static
2	23.81	113.07	Open To Flow (1)
32	49.88	115.44	Shut-In (1)
62	1151.63	117.20	End Shut-In (1)
62	51.89	116.75	Open To Flow (2)
92	75.37	117.26	Shut-In (2)
123	1134.14	118.66	End Shut-In (2)
123	1816.21	118.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 10g 25a-65m	1.68
5.00	OCM 45a 55m	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Petroleum Petroleum Inc.

7-15a-25w Trego, KS

4504 SE 94th St.
Newton, KS 67114

Valentine #1

Job Ticket: 48451

DST# 1

ATTN: Ryan Sub

Test Start: 2012.06.17 @ 03:45:00

Tool Information

Drill Pipe	Length:	3795.00 ft	Diameter:	3.80 inches	Volume:	53.23 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	80000.00 lb
				Total Volume:	53.23 bbl	Tool Chased	0.00 ft	
Drill Pipe Above KB		12.50 ft				String Weight: Initial	60000.00 lb	
Depth to Top Packer:		3810.00 ft				Final	60000.00 lb	
Depth to Bottom Packer:		ft						
Interval between Packers:		70.00 ft						
Tool Length:		97.50 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			3783.00	
Shut In Tool	5.00			3788.00	
Hydraulic tool	5.00			3793.00	
Jars	5.00			3798.00	
Safety Joint	2.50			3801.00	
Packer	5.00			3806.00	27.50 Bottom Of Top Packer
Packer	4.00			3810.00	
Guide	1.00			3811.00	
Perforations	3.00			3814.00	
Recorder	0.00	8018	Inside	3814.00	
Recorder	0.00	8751	Outside	3814.00	
Perforations	0.00			3814.00	
Change Over Sub	1.00			3815.00	
Drill Pipe	81.00			3876.00	
Change Over Sub	1.00			3877.00	
Subloss	3.00			3880.00	70.00 Bottom Packers & Anchor
Total Tool Length:		97.50			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Polarsis/Petroleum, Inc.

7-15s-25w Trego, KS

4504 SE 94th St.
Newton, KS 67114

Valentine #1

Job Ticket: 48451

OST# 1

ATTN: Ryan Bell

Test Start: 2012.08.17 @ 03:45:00

Mud and Cushion Information

Mud Type: Oil Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/cp

Water Loss: 7.98 in"

Resistivity: ohm.in

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

log API

ppm

ft

bbbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOODH 10g 25s 15m	1.663
5.00	GOODH 10g 25s 15m	0.072

Total Length: 125.00 ft

Total Volume: 1.735 bbl

Num Fluid Samples: 0

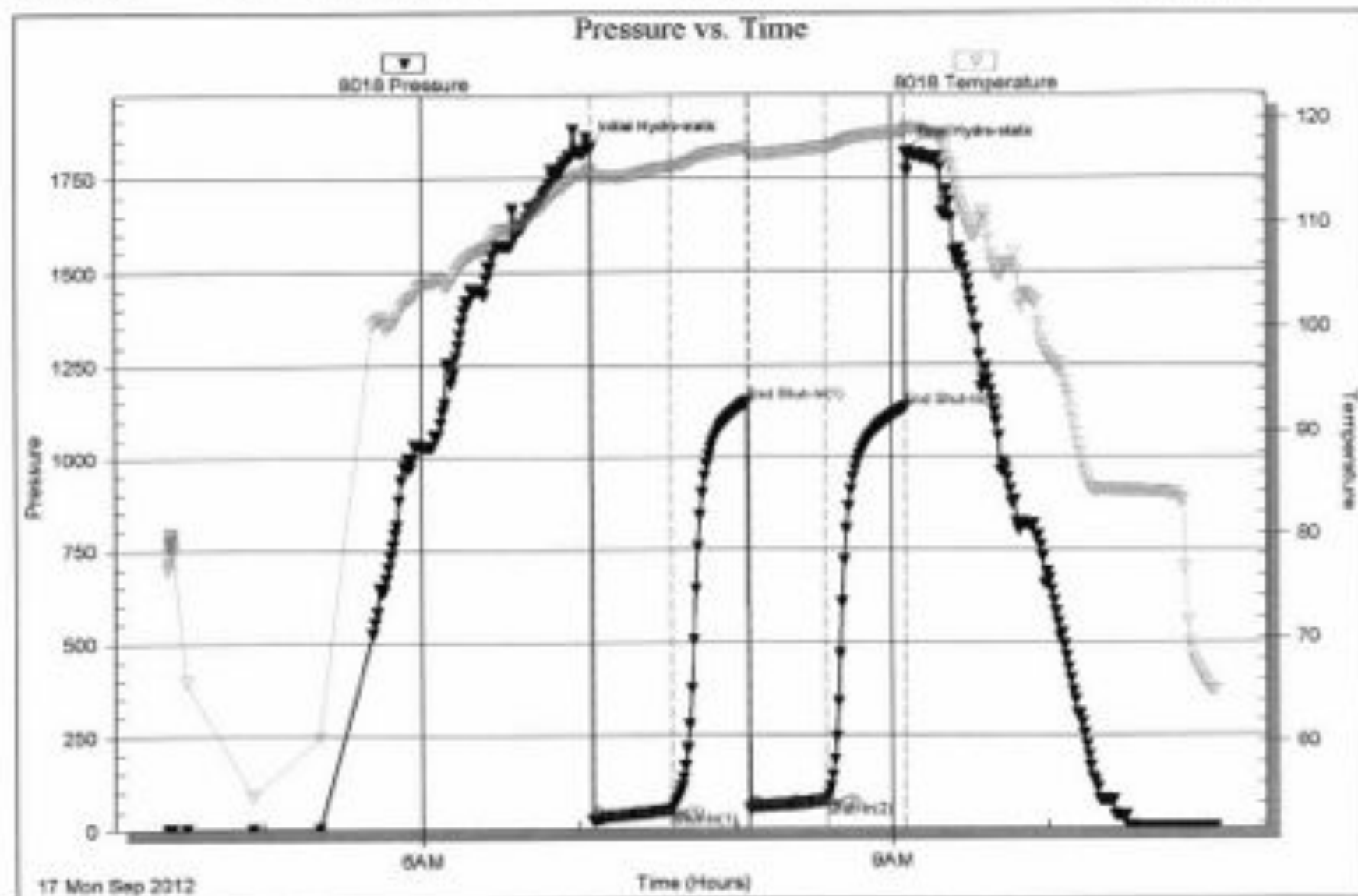
Num Gas Bombs: 0

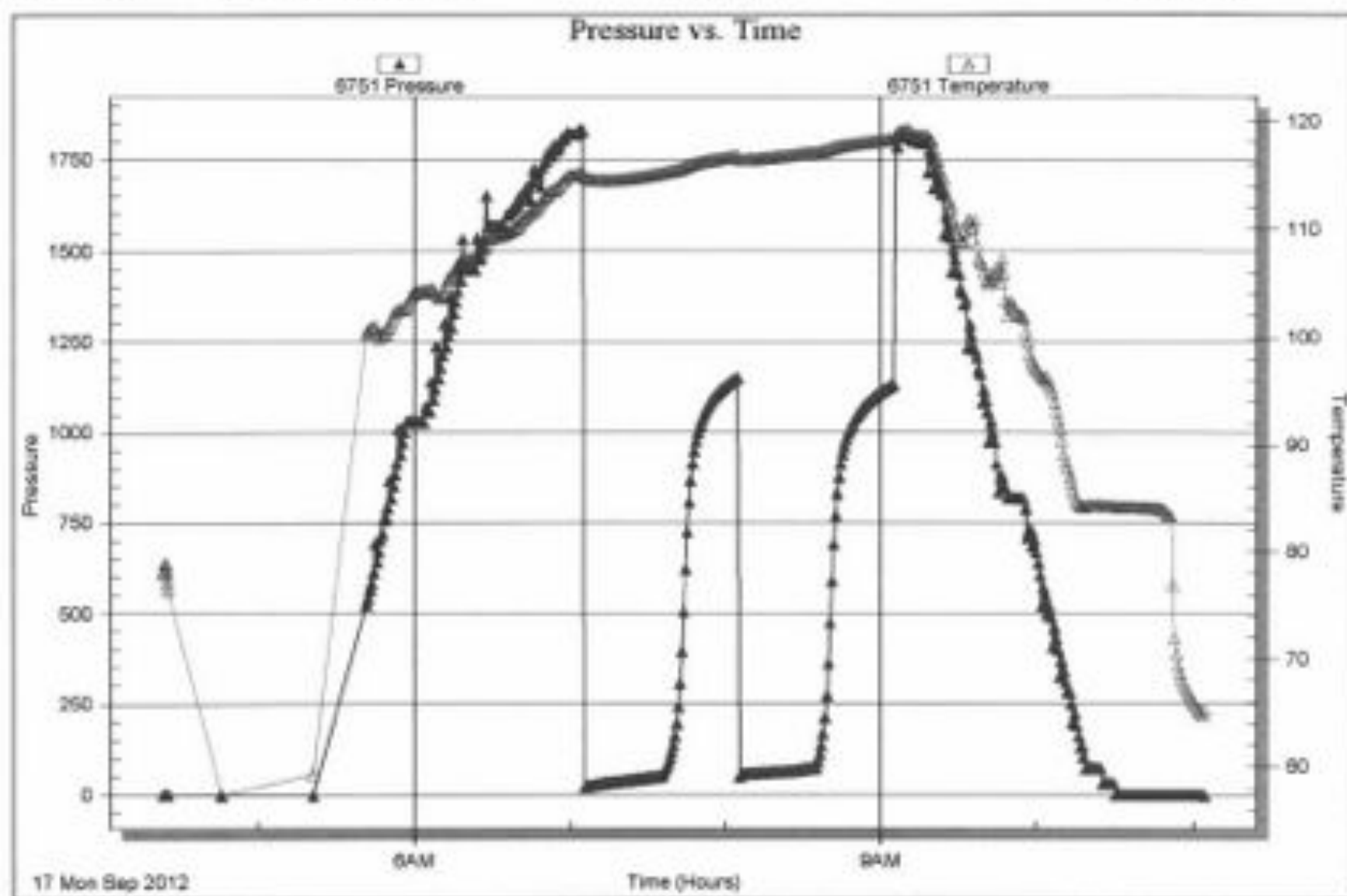
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Valentine #1

7-15s-25w Trego,KS

Start Date: 2012.09.17 @ 22:22:00

End Date: 2012.09.18 @ 05:00:30

Job Ticket #: 48452 DST #: 2

TriLOBITE Testing, Inc.

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5629

Printed: 2012.09.24 @ 15:03:44



**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Potomac Petroleum Inc.

4504 SE 84th St.
New Lenox, KS 67114

ATDS: Ryan Sisk

7-15a-25w Trego, KS

Valentine #1

Job Ticket: 48452

DETA-2

Test Start: 2012.09.17 @ 22:22:00

GENERAL INFORMATION

Formation: Lansing

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:40

Time Test Graded: 05:00:39

Interval: 3881.00 ft (KB) To 3905.00 ft (KB) (TYD)

Total Depth: 3905.00 ft (KB) (TYD)

Hole Diameter: 7.85 inch Hole Condition: Good

Test Type: Conventional Bottom Hole (Flow)

Tester: Chuck Smith

Unit No: 62

Reference Elevations: 2384.00 ft (KB)

2384.00 ft (CP)

KB to GRCP: 10.00 ft

Serial #: 8818

Inside

Pressure/Run Depth: 21.03 psig @ 3889.00 ft (KB)

Start Date: 2012.09.17

End Date:

2012.09.18

Start Time: 22:22:01

End Time:

05:00:40

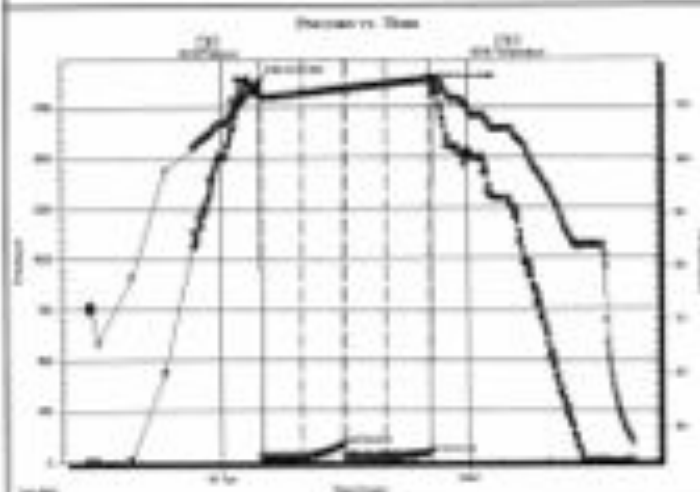
Capacity: 8000.00 psig

Last Cells: 2012.09.18

Time On/Off: 2012.09.18 @ 05:28:30

Time Off/On: 2012.09.18 @ 02:30:30

TEST COMMENT: Surface blow died @ 9 min.
No return.
Surface blow died @ 7 min.
No return.



PRESSURE SUMMARY

Time (Min)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.82	112.49	Initial Hydro-static
0	18.15	111.37	Open To Flow (1)
31	21.09	112.58	Shut-In (1)
62	88.37	113.53	End Shut-In (1)
62	21.42	113.50	Open To Flow (2)
92	21.03	114.33	Shut-In (2)
125	43.21	115.18	End Shut-In (2)
125	1845.74	115.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 50 95m	0.07

1 Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Palomares Petroleum Inc.

4624 SE 94th St.
Newport, KS 67114

ATTN: Ryan Sells

7-15s-25w Trego, KS

Valentine #1

Job Ticket: 48452

DATE: 2

Test Start: 2012.08.17 @ 22:22:00

GENERAL INFORMATION

Formation: Lansing

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:40

Time Test Ended: 05:00:30

Interval: 3881.00 ft (KB) To 3885.00 ft (KB) (TVI)

Total Depth: 3933.00 ft (KB) (TVI)

Hole Diameter: 7.88 in. Hole Condition: Good

Test Type: Conventional Bottom Hole (Reel)

Tester: Chuck Smith

Unit No: 82

Reference Elevations: 2364.00 ft (KB)

2354.00 ft (OP)

KB to GRCF: 10.00 ft

Serial #: 6751

Outside

Press@RunDepth: psig @ 3889.00 ft (KB)

Start Date: 2012.08.17

End Date:

2012.08.18

Start Time: 22:22:00

End Time:

05:00:48

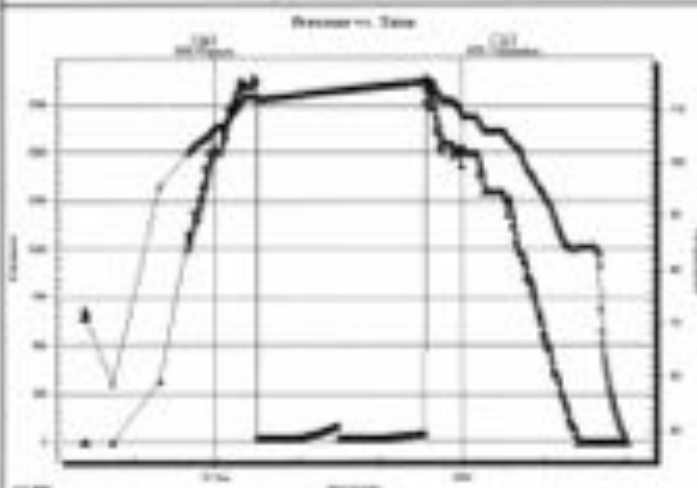
Capacity: 8000.00 psig

Last Cell: 2012.08.18

Time On Stem

Time Off Stem

TEST COMMENT: Surface blow det @ 9 min.
No return.
Surface blow det @ 7 min.
No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM Go 95m	0.07

* Recovery from surface well

Gas Rates

Order (psig)	Pressure (psig)	Gas Rate (Mcf)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomares Petroleum Co.

7-15a-25w Trego, KS

4024 SE 84th St.
Newton, KS 67114

Valentine #1

Job Ticket: 48452

DST# 2

ATTN: Ryan Sell

Test Start: 2012.09.17 @ 22:22:00

Tool Information

Drill Pipe:	Length: 3687.00 ft	Diameter: 3.85 inches	Volume: 54.52 bbl	Tool Weight:	2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 3.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	54.52 bbl	Tool Chased:	0.00 ft
Drill Pipe Above KB:	33.50 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	3681.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	54.00 ft				
Tool Length:	81.50 ft				
Number of Packers:	2	Diameter:	4.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3684.50	
Shut In Tool	5.00			3689.50	
Hydraulic tool	5.00			3694.50	
Jars	5.00			3699.50	
Safety Joint	2.00			3701.50	
Packer	5.00			3706.50	27.50 Bottom Of Top Packer
Packer	4.00			3710.50	
Stub	1.00			3711.50	
Perforations	17.00			3728.50	
Recorder	0.00	8018	Inside	3728.50	
Recorder	0.00	8751	Outside	3728.50	
Perforations	0.00			3728.50	
Change Over Sub	1.00			3729.50	
Drill Pipe	31.00			3760.50	
Change Over Sub	1.00			3761.50	
Subbase	3.00			3764.50	54.00 Bottom Packers & Anchor
Total Tool Length:		81.50			



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Platorna Petroleum Inc.

7-15e-25w Trego, KS

4924 SE 94th St
Newton, KS 67114

Valentine #1

Job Token: 48452

DETH: 2

ATTN: Ryan Seib

Test Start: 2012.09.17 @ 22:22:00

Mud and Casing Information

Mud Type: Gel Chem

Casing Type:

CR API

deg API

Mud Weight: 9.00 lb/gal

Casing Length:

ft

Water Solids:

ppm

Viscosity: 52.00 sec/cp

Casing Volume:

bbt

Water Loss: 8.75 in"

Gas Casing Type:

Gas Casing Pressure:

psig

Reactivity: ohmm

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbt
5.00	OCV to 95m	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

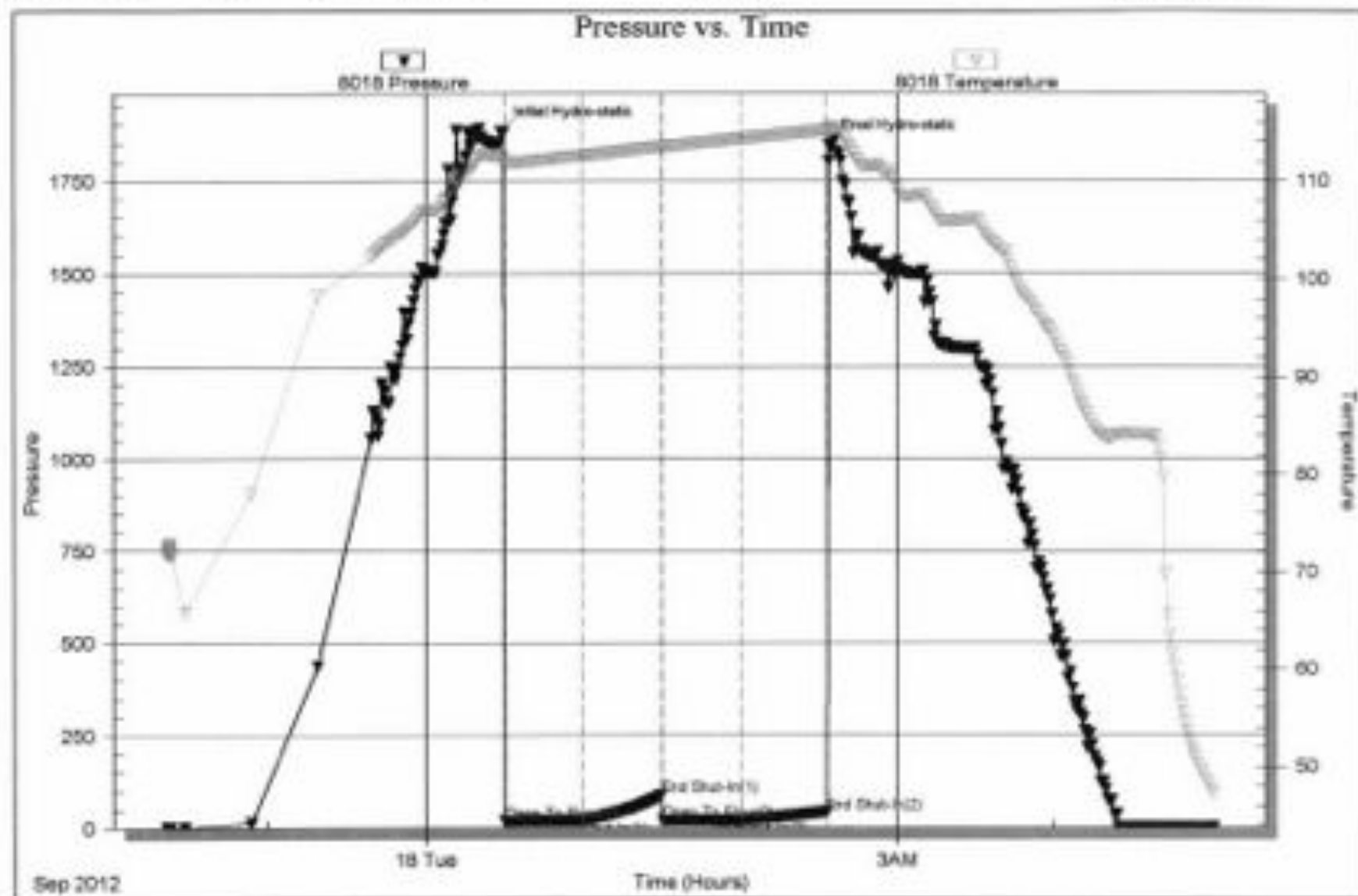
Num Gas Bombs: 0

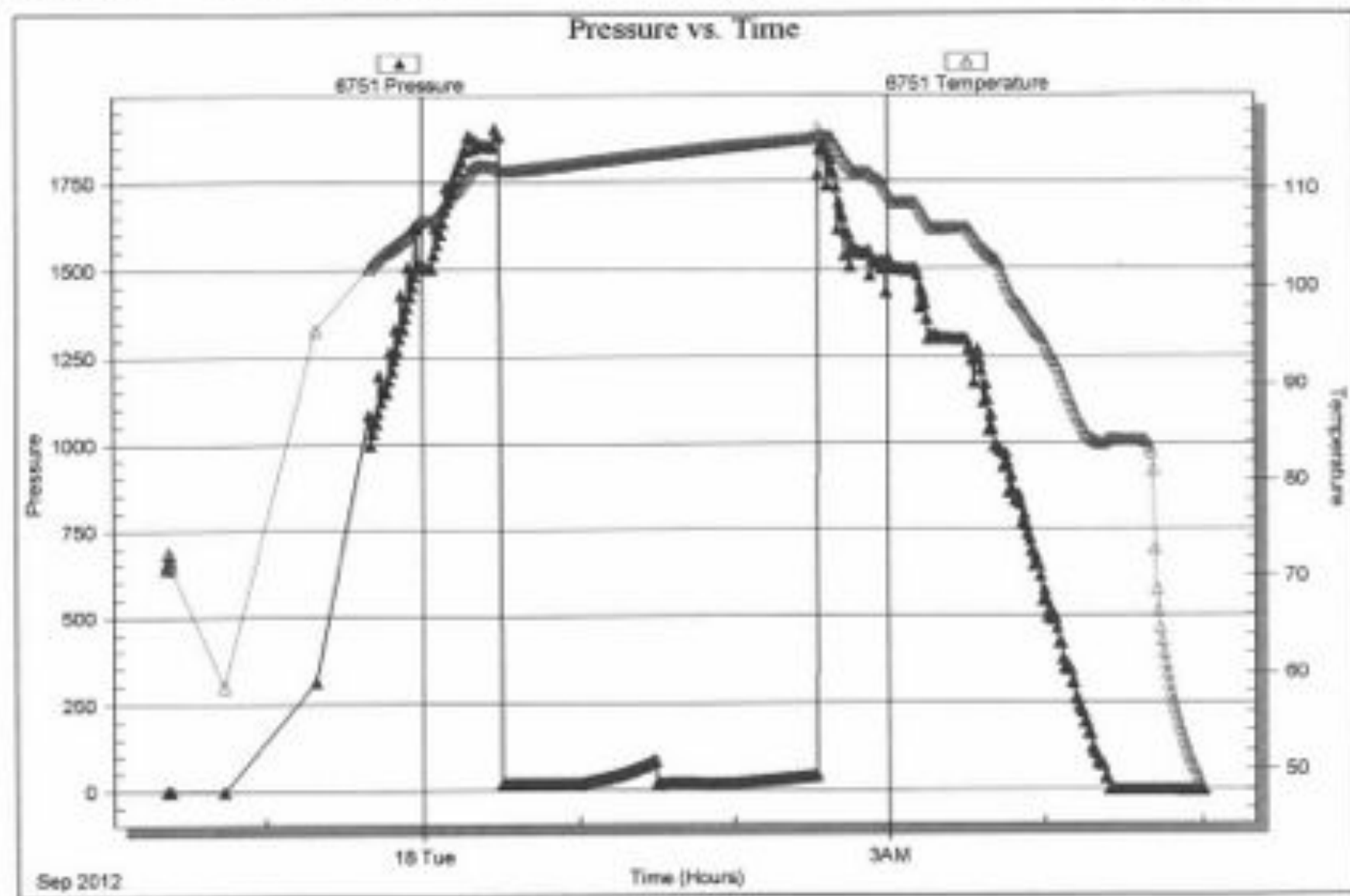
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4624 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

Valentine #1

7-15s-25w Trego,KS

Start Date: 2012.09.19 @ 09:07:00

End Date: 2012.09.19 @ 16:26:39

Job Ticket #: 48453 DST #: 3

TriLOBITE Testing, Inc

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

Printed: 2012.09.24 @ 15:49:24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomares Petroleum, Inc.

4124 SE 94th St
Newton, KS 67114

ATTN: Ryan Seib

7-15a-25w Trego, KS

Valentine #1

Job Ticket: 48453

OSTR: 3

Test Start: 2012.09.19 @ 09:07:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:28:20

Time Test Ended: 16:28:36

Interval: 4224.00 ft (KB) To 4256.00 ft (KB) (TVD)

Total Depth: 4256.00 ft (KB) (TVD)

Hole Diameter: 7.25 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Preset)

Tester: Chuck Smith

Unit No: 62

Reference Deviations: 2364.00 ft (KB)

2364.00 ft (OF)

KB to GPOC: 15.00 ft

Serial #: 8018 Inside

Press @ Run Depth: 79.23 psig @ 4232.00 ft (KB)

Start Date: 2012.09.19

End Date:

2012.09.19

Start Time: 06:37:01

End Time:

16:28:40

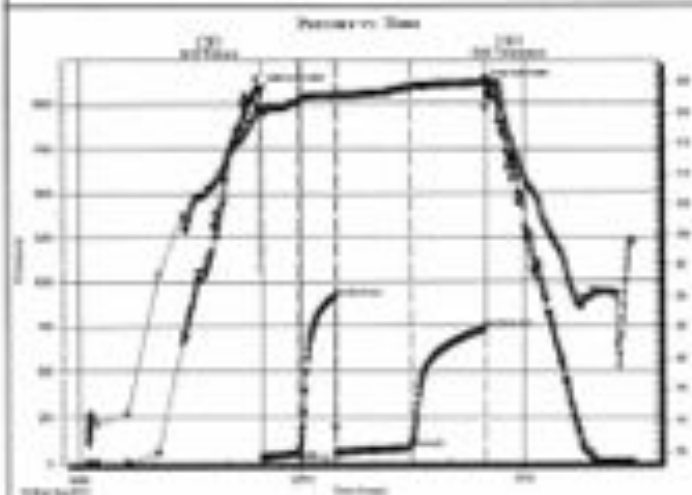
Capacity: 6000.00 psig

Last Cells: 2012.09.19

Time On Stem: 2012.09.19 @ 11:27:00

Time Off Stem: 2012.09.19 @ 14:29:30

TEST COMMENT: or slow.
No return.
B.O.B. @ 40 min.
Weak surface return died @ 15 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.34	120.84	Initial Hydro-static
2	23.40	120.14	Open To Flow (1)
32	51.72	121.85	Shut-in (1)
62	95.13	123.08	End Shut-in (1)
62	48.61	122.92	Open To Flow (2)
102	79.23	124.40	Shut-in (2)
162	733.45	125.10	End Shut-in (2)
182	2105.84	125.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	GOOM 10g 20 to 55m	1.71
31.00	GOOM 10g 40 to 55m	0.43

1 Recovery from available tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (MCFG)
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DRILL STEM TEST REPORT

Harvard Medical School

7-15g-25w Trepo.K3

4824 SE 94th St.
Newport, KS 67114

Valentine #1

Job Title: 45473

cont. 3

ATTN: Ryan Galt

Test Date: 2012.06.19 @ 06:57:06

GENERAL INFORMATION

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Deviated	No	Whisker	fl (48)
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Three Taps Opened 11:28:20

Time Test Ended: 16:28:30

Interval: 4234.00 ft (NDB) To 4290.00 ft (NDB) (TVDR)

Total Credits: 4298.00 @ 0.00 (TVCD)

Node Diameter:	7.25	Interface Condition:	Good
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Test Type: Conventional Bottom Hole (Reel)

Tester: Chuck Smith

Limit Max	47
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Reference Revisions: 2364 (0) 11 (000)

2354.00 H (OFF)

WD 40 CANCE 10.00 0

Serial #: 6759 Outside

Press @RunCntrl mfg ⑤ 4232.00 9 / 1026

Start Date: 2012.09.19

Ernst Cossack

2020.19

Start Time: 08:02:47

total flows

Feb 28 2016

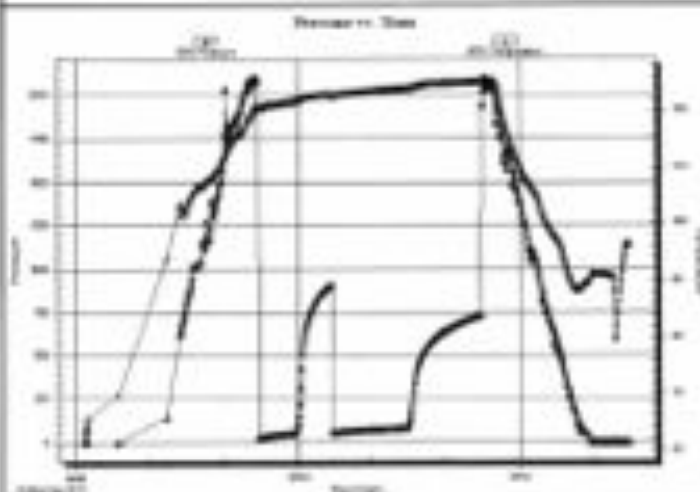
Capacity: 8000.00 pages

Last Call: 2013.06.14

Times On-Screen

Three-Off Sam

TEST COMMENT: 17" Blow.
No return.
E.C.B. @ 45 min.
Weak surface return died @ 15 min.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (yd)
122.00	GOCM 10g 25-a-65m	1.71
31.00	GOCM 10g 40e-50m	0.43

Gas Rates

	Code (year)	Pressure (gig)	Sea-level (m/s)
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^a Values are of one multiple test.

Tribal Holdings, Inc.

Page No. 49455

Printed: 2013-09-24 @ 15:49:26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomares Petroleum Co.

7-15a-25w Trego, KS

4504 SE 84th St.
Newton, KS 67114

Valentine #1

Job Ticket: 48453

DETA: 3

ATDA: Ryan Sall

Test Start: 2012.09.19 @ 09:07:00

Tool Information

Drill Pipe:	Length:	4224.00 ft	Diameter:	3.00 inches	Volume:	88.25 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight set on Packer:	22000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	3.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	85000.00 lb
					Total Volume:	88.25 bbl	Tool Chased:	0.00 ft
Drill Pipe Above KB:		27.50 ft					String Weight: Initial	74000.00 lb
Depth to Top Packer:		4224.00 ft					Final	75000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		74.00 ft						
Tool Length:		101.50 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			4197.50	
Shut In Tool	5.00			4202.50	
Hydraulic tool	5.00			4207.50	
Jars	5.00			4212.50	
Safety Joint	2.00			4215.00	
Packer	5.00			4220.00	27.50 Bottom/Of Top Packer
Packer	4.00			4224.00	
Stub	1.00			4225.00	
Perforations	7.00			4232.00	
Recorder	0.00	8018	Inside	4232.00	
Recorder	0.00	8751	Outside	4232.00	
Perforations	0.00			4232.00	
Change-Over Sub	1.00			4233.00	
Drill Pipe	81.00			4294.00	
Change Over Sub	1.00			4295.00	
Bullnose	3.00			4298.00	74.00 Bottom Packers & Anchor
Total Tool Length:	101.50				



**TRIOLOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Performing Procedures Inc.

7-15a-23w Tregs, KS

4504 SE 84th St.
New York, KS 67114

Valentine #1

Job Ticket: 48453

OST# 3

ATTN: Ryan Seib

Test Start: 2012.06.19 @ 09:07:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 90.00 sec/cp

Water Loss: 8.37 cc

Reactivity: unknown

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

CEAP:

Water Salinity:

deg API

ppm

ft.

bbl

psig

Recovery Information

Recovery Table

Length ft.	Description	Volume bbl
122.00	GOOM 10g 25 to 65m	1.711
21.00	GOOM 10g 40 to 50m	0.428

Total Length: 153.00 ft

Total Volume: 2.140 bbl

Num Fluid Samples: 0

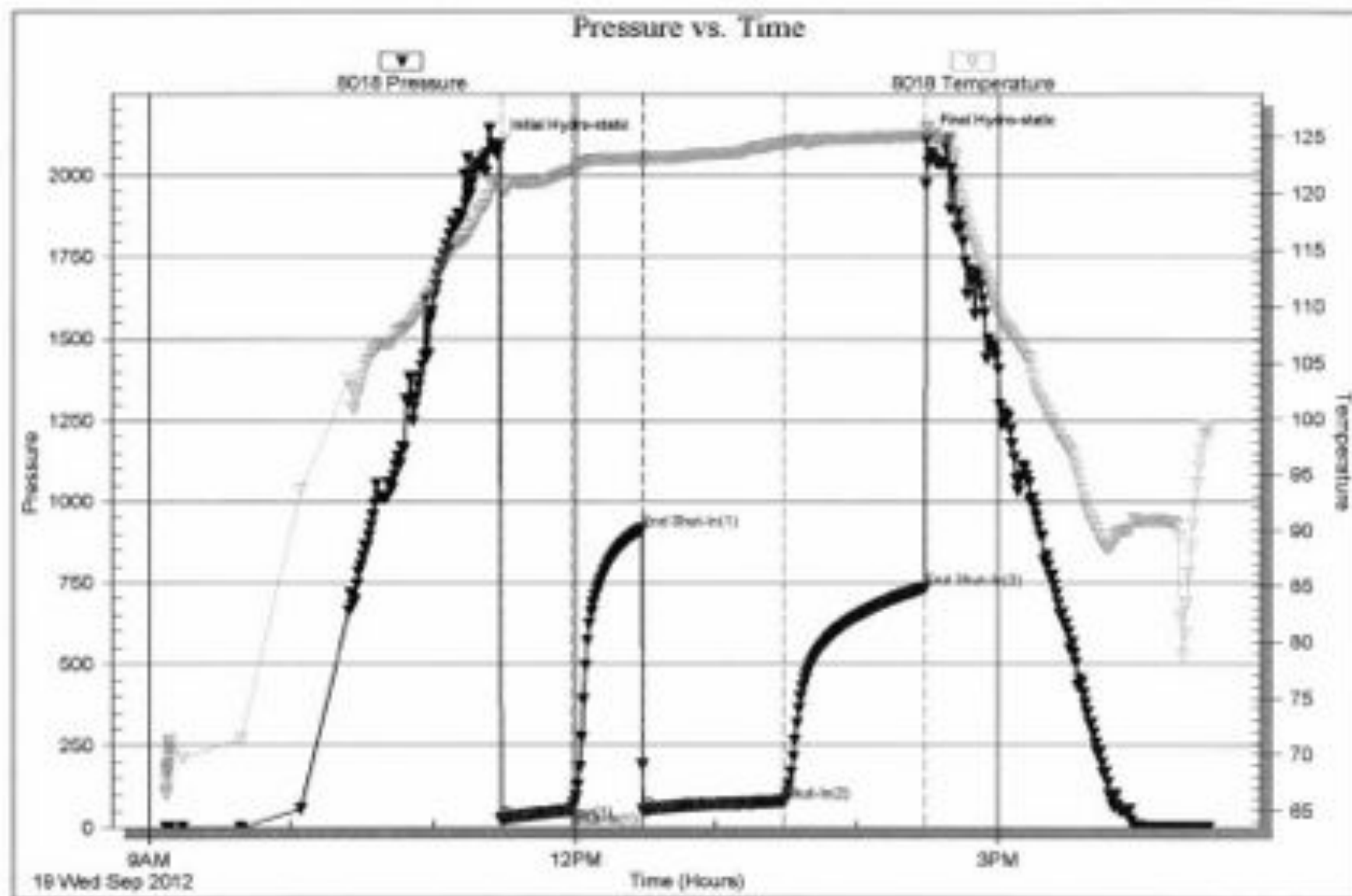
Num Gas Samples: 0

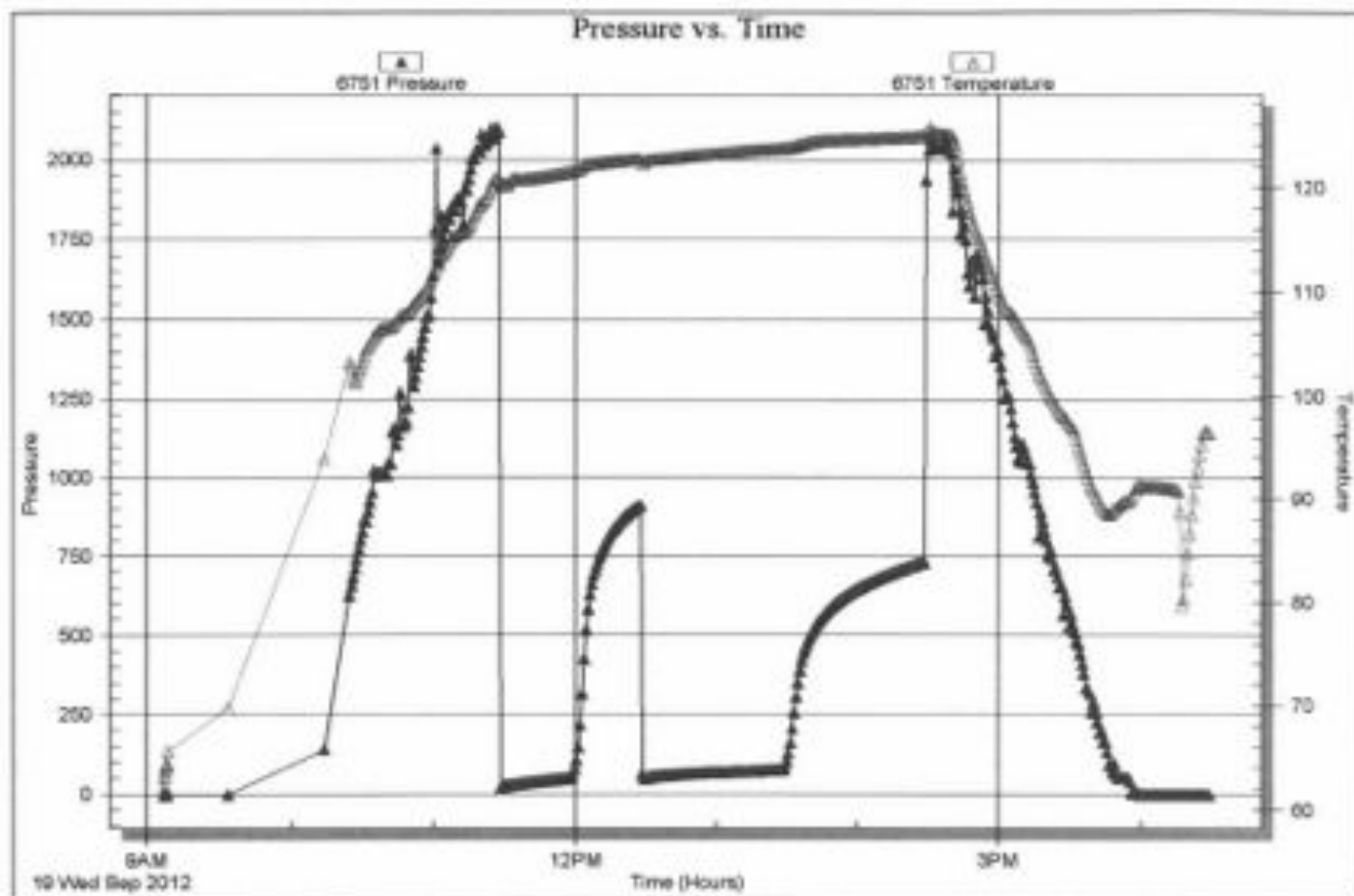
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**
4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seb

Valentine #1

7-15s-25w Trego,KS

Start Date: 2012.09.20 @ 00:52:00

End Date: 2012.09.20 @ 07:23:00

Job Ticket #: 48454 DST #: 4

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

Printed 2012.09.24 @ 15:48:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Madison Petroleum Inc.

4624 SE 94th St.
Newton, KS 67114

ATTN: Ryan Seib

7-15e-25w Trego, KS

Valentine #1

Job Ticket: 48404

DATE: 4

Test Start: 2012.09.20 @ 00:12:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 03:14:30

Time Test Ended: 07:23:00

Interval: **4386.00 ft (KB) To 4323.00 ft (KB) (TVD)**

Total Depth: **4323.00 ft (KB) (TVD)**

Hole Diameter: **7.88** inches Hole Condition: **Good**

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Chuck Smith**

Unit No: **62**

Reference Elevations: **2354.00 ft (KB)**

2354.00 ft (CF)

KB to GRCP: 10.00 ft

Serial #: **8816**

Inside

Press@RunDepth: **22.43 psig @ 4323.00 ft (KB)**

Start Date: **2012.09.20**

End Date

2012.09.20

Start Time: **00:52:01**

End Time

07:23:00

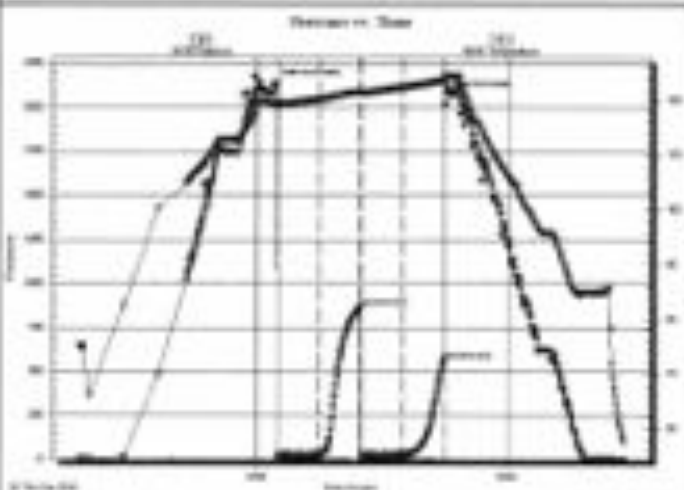
Capacity: **8000.00 psig**

Last Cells: **2012.09.20**

Time On Blm: **2012.09.20 @ 00:12:30**

Time Off Blm: **2012.09.20 @ 06:15:50**

TEST COMMENT: **1/4" Blow.
No return.
No blow.
No return.**



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2136.74	119.47	Initial Hydro-static
2	19.31	119.04	Open To Flow (1)
30	21.13	120.17	Shut-In (1)
62	801.14	121.09	End Shut-In (1)
63	21.85	121.23	Open To Flow (2)
93	22.43	122.52	Shut-In (2)
123	801.43	123.77	End Shut-In (2)
124	2072.15	124.28	Final Hydro-static

Recovery

Length (ft)	Description	GRAP (GR)
10.00	OCM 20 55m	0.14

* Recovery from wellbore

Gas Rates

	Order (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRIOLOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palmer Petroleum Inc.

4504 SE 94th St.
New York, KS 67114

ATTN: Ryan Sells

7-15s-25w Trego, KS

Valentine #1

Job Ticket: 48404

0819-4

Test Date: 2012.09.20 @ 00:02:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 03:14:30

Time Test Ended: 07:23:00

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Chuck Smith**

Unit No: **62**

Interval: **4306.00 ft (KB) To 4323.00 ft (KB) (TVD)**

Total Depth: **4323.00 ft (KB) (TVD)**

Hole Diameter: **7.86 inches** Hole Condition: **Good**

Reference Elevations: **2364.00 ft (KB)**

2354.00 ft (CF)

KB to GRCP: **10.00 ft**

Serial #: **6751** Outside

Press@RunDepth: **psig @ 4320.00 ft (KB)**

Start Date: **2012.09.20**

End Date:

2012.09.20

Start Time: **00:01:53**

End Time:

07:22:57

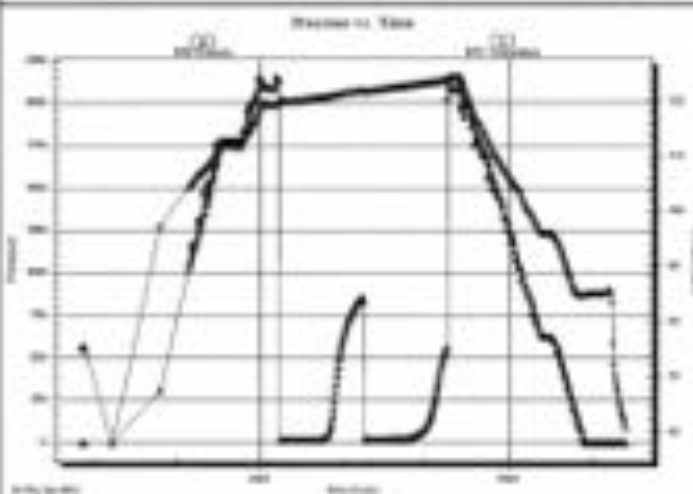
Capacity: **8000.00 psig**

Last Callb: **2012.09.20**

Time On Bore:

Time Off Bore:

TEST COMMENT: **1/4" Blow
No return.
No blow.
No return.**



PRESSURE SUMMARY

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

Recovery

Leg # (ft)	Description	Volume (bbl)
10.00	OCM 2 to 38m	0.14

Gas Rates

	Choke (inches)	Pressure (psig)	Flow Rate (Mcf)
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Recovery Form 08/01/01

Triolobite Testing, Inc.

Ref. No: 48404

Printed: 2012.09.24 @ 15:48:36



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Reconing Petroleum, Inc.

7-15a-25w Trego, KS

4024 SE 84th St.
Newton, KS 67114

Valentine #1

Job Ticket: 48454

OSTN: 4

ATTN: Ryan Subi

Test Start: 2012/09/29 @ 00:52:00

Tool Information

Drill Pipe:	Length:	4205.00 ft	Diameter:	3.80 inches	Volume:	60.25 bbl	Tool Weight:	2300.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Put Loose:	90000.00 lb
					Total Volume:	60.25 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		26.50 ft					String Weight: Initial	74000.00 lb
Depth to Top Packer:		4296.00 ft					Final	74000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		27.00 ft						
Tool Length:		54.50 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			4296.50	
Shut In Tool	5.00			4274.50	
Hydraulic tool	5.00			4279.50	
Jars	5.00			4284.50	
Safety Joint	2.50			4287.00	
Packer	5.00			4292.00	27.50 Bottom Of Top Packer
Packer	4.00			4296.00	
Shut	1.00			4297.00	
Perforations	23.00			4320.00	
Recorder	0.00	8018	Inside	4320.00	
Recorder	0.00	8751	Outside	4320.00	
Perforations	0.00			4320.00	
Bullnose	3.00			4323.00	27.00 Bottom Packers & Anchor
Total Tool Length:	54.50				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Petroleum Petroleum Inc.

7-15a-25w Trego, KS

4804 SE 64th St.
Newton, KS 67114

Valentine #1

Job Ticket: 48404

DETH-4

ATTN: Ryan Seib

Test Start: 2012-08-20 @ 00:52:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/lq

Water Loss: 8.38 cc/15'

Resistivity: ohm-in

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

CE API

Water Sat: 0.00

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	OCM20 98m	0.140

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

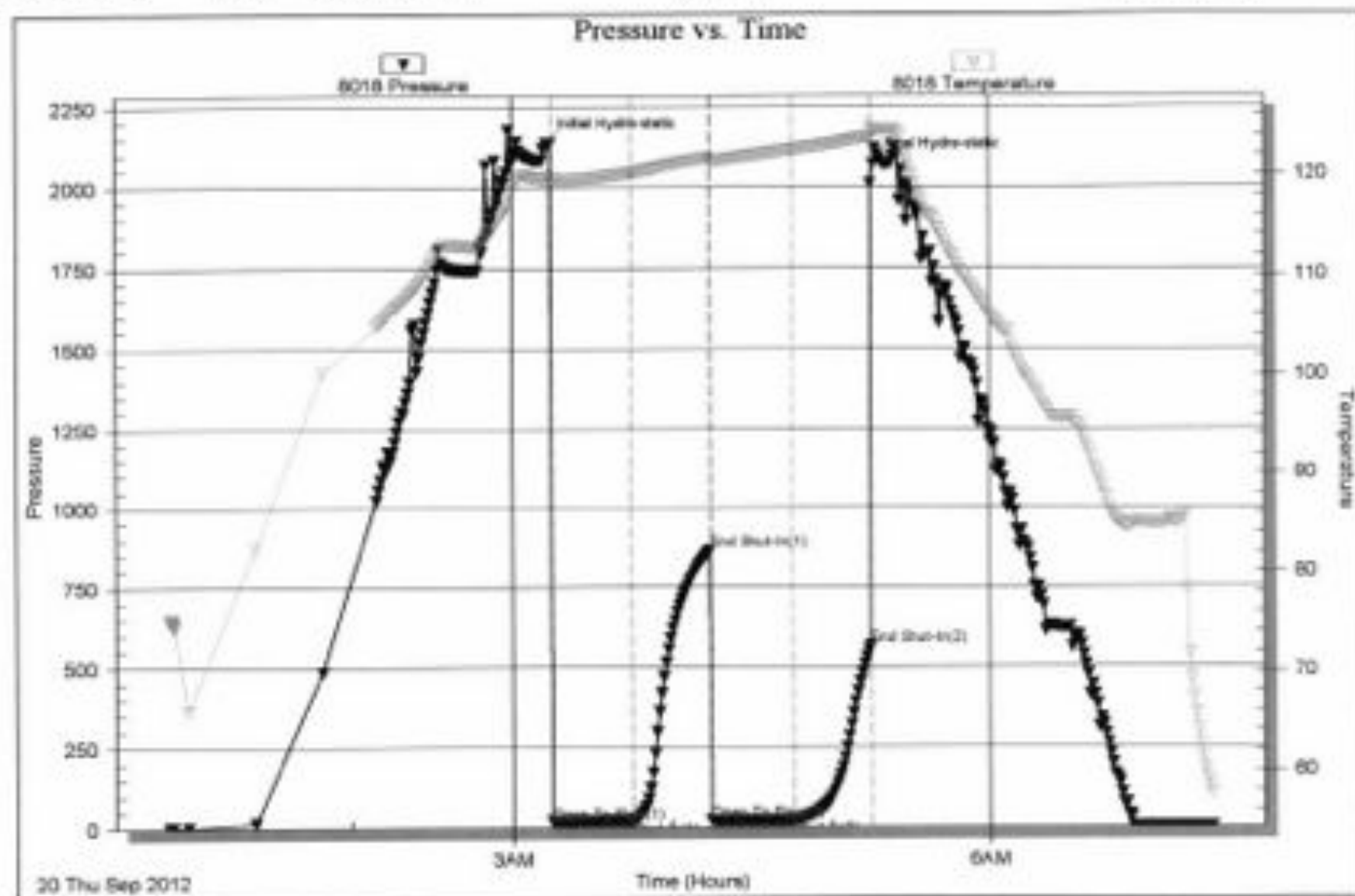
Num Gas Samples: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

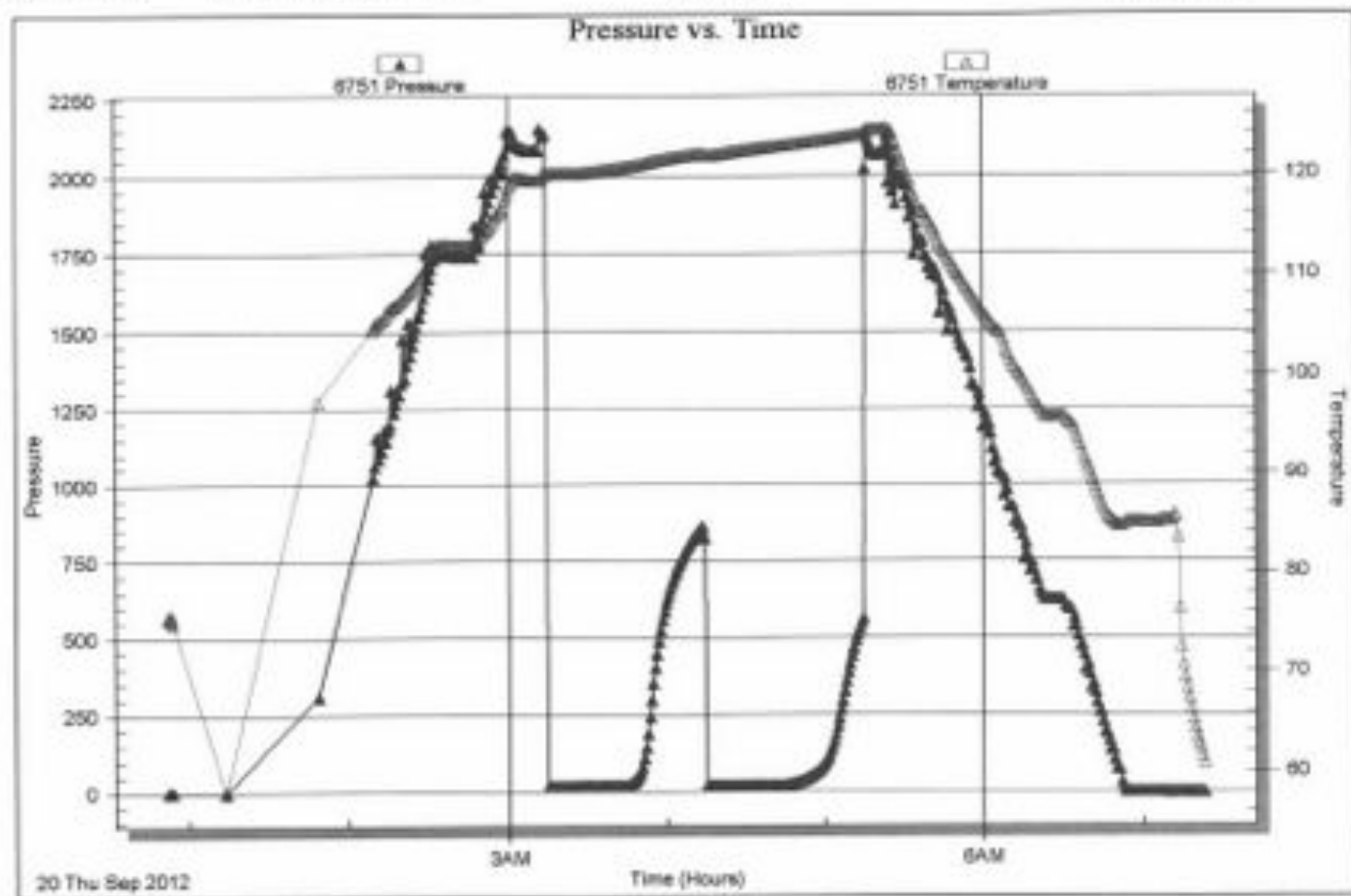


Serial #: 6751

Outside Palermo Petroleum Inc.

Valve #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seb

Valentine #1

7-15s-25w Trego,KS

Start Date: 2012.09.20 @ 23:55:16

End Date: 2012.09.21 @ 08:30:31

Job Ticket #: 47808 DST #: 5

TriLOBITE Testing, Inc.

PO Box 362 Hays, KS 67601

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

Printed: 2012.09.24 @ 15:47:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Refining Petroleum Inc.

4024 SE 64th St.
Newton, KS 67114

ATTN: Ryan Seib

7-15a-25w Trego, KS

Valentine #1

Job Ticket: 47888

OSTR: 5

Test Start: 2012.09.20 @ 23:55:16

GENERAL INFORMATION:

Formation: Ft Scott

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:12:31

Time Test Ended: 06:30:31

Interval: 4144.00 ft (KB) To 4220.00 ft (KB) (TVD)

Total Depth: 4380.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Straddle (Flow)

Tester: Jason McLemore

Unit No: 54

Reference Elevation: 2364.00 ft (KB)

2364.00 ft (OP)

KB to GRCP: 10.00 ft

Serial #: 8366

Inside

Pressure/Hole Depth: 170.00 psig @ 4211.00 ft (KB)

Start Date: 2012.09.20

End Date:

2012.09.21

Start Time: 23:55:16

End Time:

06:30:31

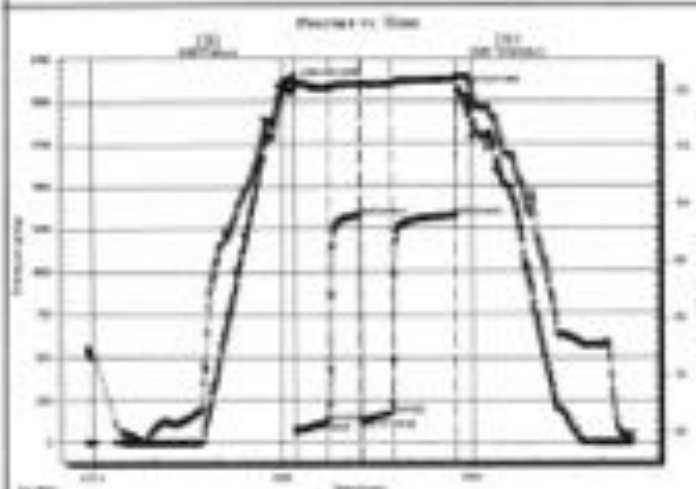
Capacity: 6000.00 psig

Last Call: 2012.09.21

Time On Stem: 2012.09.21 @ 03:12:16

Time Off Stem: 2012.09.21 @ 05:45:31

TEST COMMENT: FFR Strong, BOB in 4 Min.
BS-Slowback Built to 3/4"
FFR Strong, BOB in 5 Min.
FS-Slowback Built to 1"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2110.45	121.15	Initial Hydro-static
1	60.92	120.59	Open To Flow (1)
32	117.19	120.73	Shut-In (1)
62	1329.76	121.40	End Shut-In (1)
82	131.82	121.23	Open To Flow (2)
91	170.00	121.43	Shut-In (2)
132	1329.14	122.22	End Shut-In (2)
154	2067.16	122.67	Final Hydro-static

Recovery

Length (ft)	Gravel (gr)	Volume (cu)
330.00	GRV 30% G 60% G 10% M	4.60
0.00	1710' GRP	0.00

Recovery of oil in gravel test

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (SCFD)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Hobbs Petroleum Inc.

4824 SE 84th St.
Newton, KS 67114

ATTN: Ryan Seib

7-15s-25w Trego, KS

Valentine #1

Job Ticket: 47558

DETH: 6

Test Start: 2012-09-20 @ 22:55:16

GENERAL INFORMATION

Formation: **R. Scott**

Deviated: **No** Whipstock: **11 (KB)**

Time Tool-Opened: **02:12:31**

Time Test Ended: **03:30:31**

Interval: **4144.00 ft (KB) To 4229.00 ft (KB) (TVD)**

Total Depth: **4389.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Test Type: **Conventional Straddle (Reset)**

Tester: **Jason McLemore**

Unit No: **54**

Reference Elevation: **2364.00 ft (KB)**

2364.00 ft (CP)

KB to GRCF: **10.00 ft**

Serial #: **8789**

Outside

Press @ Run Depth: **2416 @ 4211.00 ft (KB)**

Start Date: **2012-09-20**

End Date:

2012-09-21

Capacity: **8000.00 gal**

Last Calls:

1889:12:30

Start Time:

23:55:35

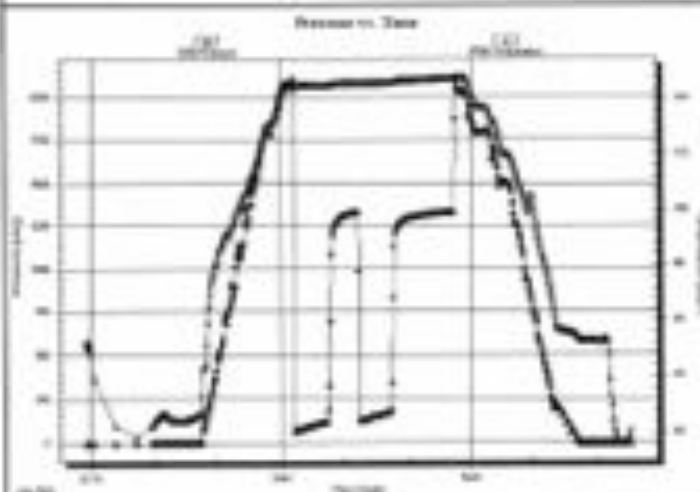
End Time:

03:30:40

Time On Blm:

Time Off Blm:

TEST COMMENT: **IPP-Strong. BOB in 4 Min.
IS-Blow back Buft to 34"
PPP-Strong. BOB in 5 Min.
PSI-Blow back Buft to 1"**



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
200.00	OMO 30%G 60%O 10%N	4.63
0.00	1710' GP	0.00

1 Recovery from initial gas test

Gas Rates

	Core (inches)	Pressure (psig)	Gas Rate (mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palmer, Petroleum Inc.

7-15a-25w Trego, KS

4024 SE 84th St,
Newton, KS 67114

Valentine #1

Job Ticket: 47968

DETH: 5

ATTN: Ryan Seib

Test Start: 2012.09.20 @ 23:55:18

GENERAL INFORMATION:

Formation: **Pt Scott**

Deviated: **No Whipstock** ft (KB)

Time Tool Opened: 08:12:31

Time Test Ended: 08:30:31

Test Type: **Conventional Straddle (Flow)**

Tester: **Jason McLemore**

Unit No: **54**

Interval: **4144.00 ft (KB) To 4220.00 ft (KB) (TVD)**

Reference Elevations: **2354.00 ft (KB)**

Total Depth: **4390.00 ft (KB) (TVD)**

2354.00 ft (CP)

Hole Diameter: **7.88 inches** Hole Condition: **Good**

KB to GRCP: 10.00 ft

Serial #: 8289 Below (Straddle)

Press@RunDepth: **psig @ 4222.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.09.21**

End Date:

2012.09.21

Last Calib:

1899.12.30

Start Time: **08:00:01**

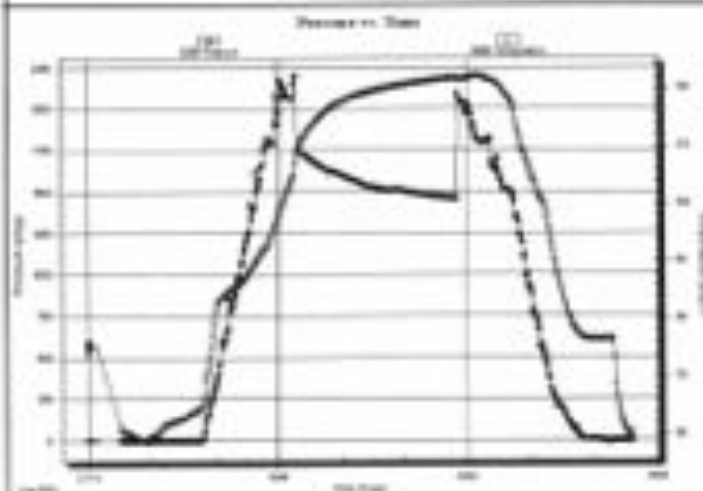
End Time:

08:30:44

Time On Stem

Time Off Stem

TEST COMMENT: **1st string, BOB in 4 min.
2nd string, BOB in 34"
3rd string, BOB in 5 min.
4th string, BOB in 1"**



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Value (psi)
350.00	GMD 30%G 60%O 10%W	4.63
0.00	17'10" GP	0.00

1 Recovery from tri-lobite tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mscf/D)
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**TRIOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Polkville Polkville, Mo.

7-15a-25w Trego, KS

4024 SE 84th St.
Newton, KS 67114

Valentine #1

Job Ticket: 47868

DS# 6

ATTN: Ryan Seib

Test Start: 2012.09.20 @ 23:55:16

Tool Information

Drill Pipe:	Length: 4136.00 ft	Diameter: 3.00 inches	Volume: 58.02 bbl	Tool Weight:	2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	85000.00 lb
			Total Volume: 58.02 bbl	Tool Chased:	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	75000.00 lb
Depth to Top Packer:	4144.00 ft			Final	75000.00 lb
Depth to Bottom Packer:	4220.00 ft				
Interval between Packers:	76.00 ft				
Tool Length:	264.00 ft				
Number of Packers:	3	Diameter:	5.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4117.00	
Shut In Tool	5.00			4122.00	
Hydraulic tool	5.00			4127.00	
Jars	5.00			4132.00	
Safety Joint	2.00			4134.00	
Packer	5.00			4139.00	25.00 Bottom Of Top Packer
Packer	5.00			4144.00	
Sub	1.00			4145.00	
Perforations	2.00			4147.00	
Change Over Sub	1.00			4148.00	
Blank Spacing	62.00			4210.00	
Change Over Sub	1.00			4211.00	
Recorder	0.00	8386	Inside	4211.00	
Recorder	0.00	8789	Outside	4211.00	
Perforations	5.00			4216.00	
Blank Off Sub	1.00			4217.00	
Blank Spacing	3.00			4220.00	76.00 Tool Interval
Packer	1.00			4221.00	
Change Over Sub	1.00			4222.00	
Recorder	0.00	8268	Below	4222.00	
Blank Spacing	154.00			4376.00	
Change Over Sub	1.00			4377.00	
Ballnose	3.00			4380.00	160.00 Bottom Packers & Anchor
Total Tool Length:	264.00				



**TRILLOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Holbrook Petroleum Inc.

7-15b-25w Trego, KS

4924 SE 94th St.
Newton, KS 67114

Valentine #1

Job Ticket: 47888

DATE: 8

ATTN: Ryan Seib

Test Start: 2012.08.20 @ 23:55:18

Mud and Casing Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/cp

Water Loss: 7.90 in"

Resistivity: ohm-in

Solids: 2200.00 ppm

Filter Cake: 1.00 inches

Casing Type:

Casing Length:

Casing Volume:

Gas Casing Type:

Gas Casing Pressure:

Oil API:

Water Sat: 11

144

(psi)

36-deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	OMD 30% O-90% O-10% M	4.629
0.00	1712 GP	0.000

Total Length: 330.00 ft

Total Volume: 4.629 bbl

Num Fluid Samples: 0

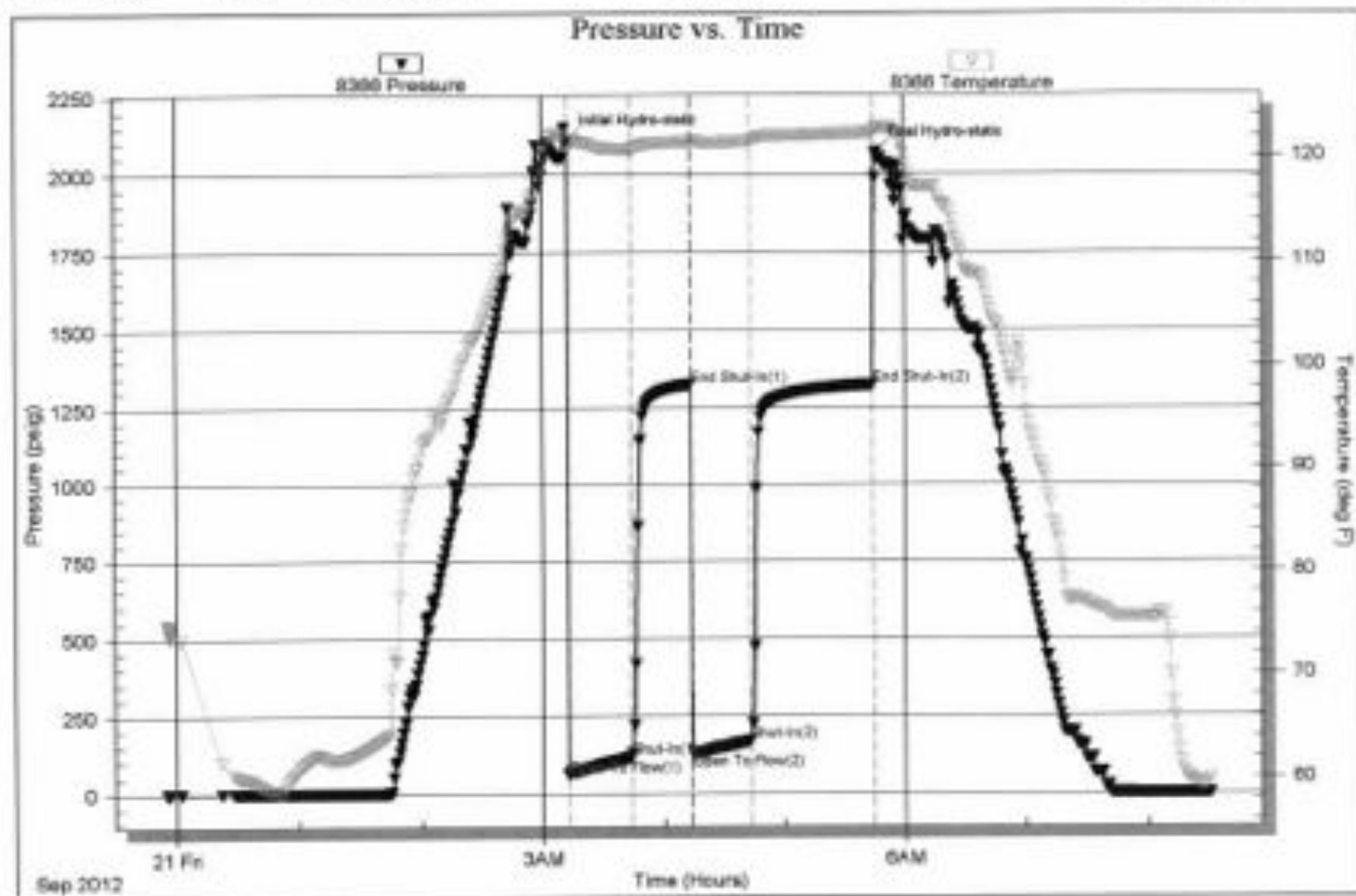
Num Gas Bombs: 0

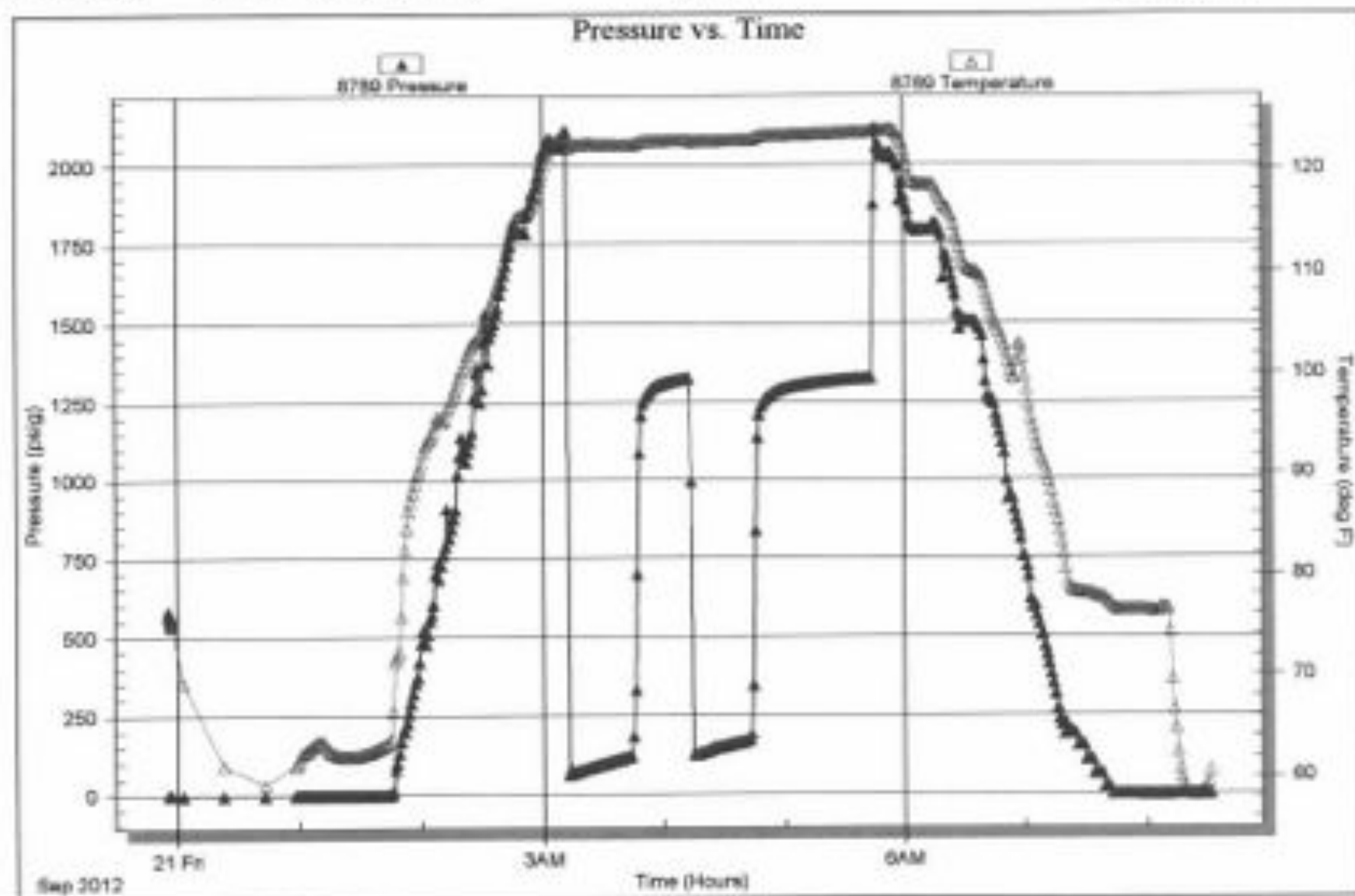
Serial #: 0

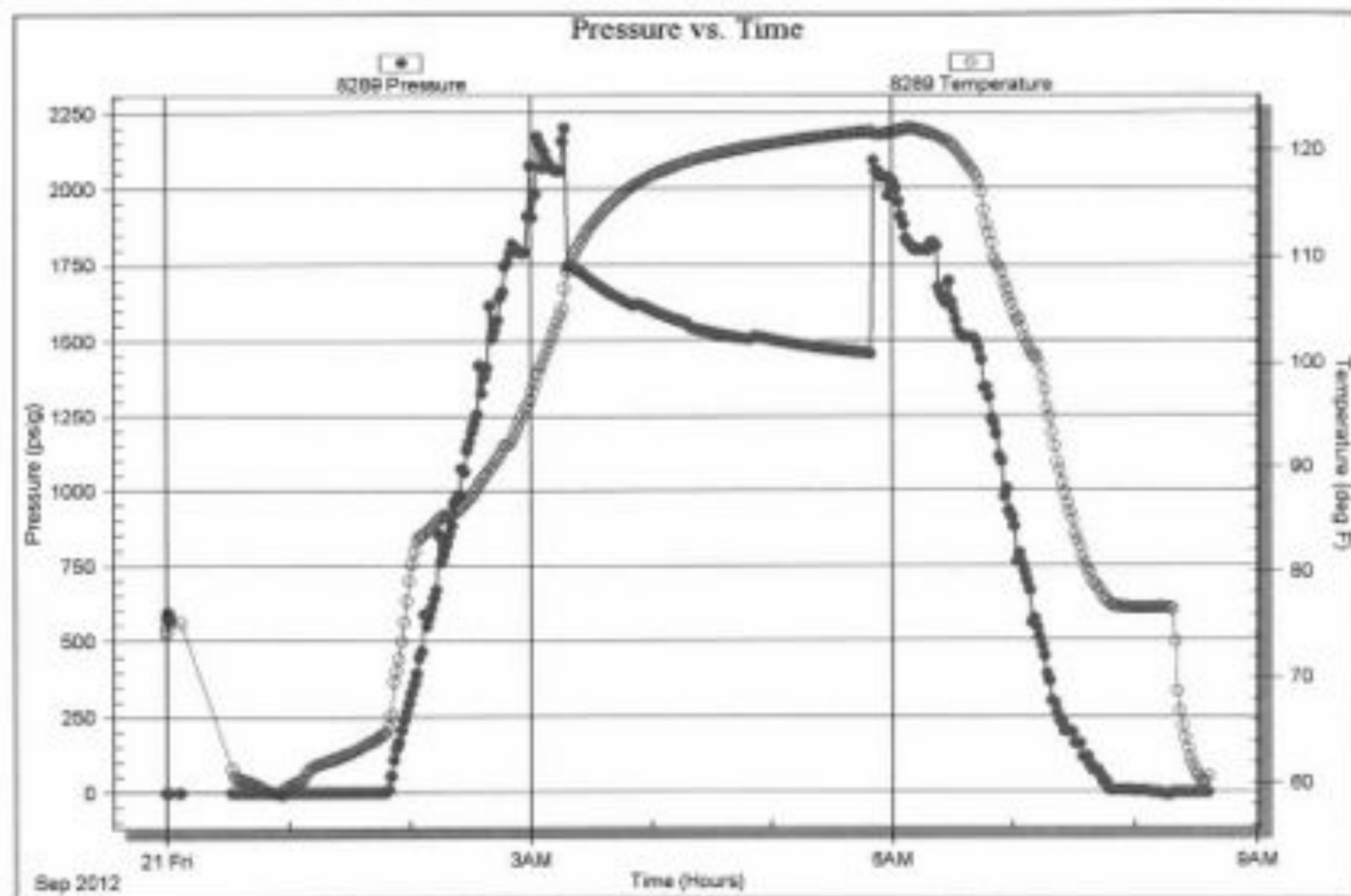
Laboratory Name:

Laboratory Location:

Recovery Comments:









TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48451

Well Name & No. Valencia #1 Test No. 1 Date 9-17-12
 Company Palomares Petroleum Inc. Elevation _____ HD 2357 OL _____
 Address 4924 SE 84th St. Newton, KS 67117
 Co. Rep / Gas Ryan Seib Pkg Val #2
 Location Sec 7 Twp 15S Rge 25W Co Green Twp State KS

Interval Tested 3810-3880 Zone Tested Leasing
 Anchor Length 70 Drill Pipe Run 3795 Mud Wt. 9.1
 Top Packer Depth 3806 Drill Collars Run 0 Vls 95
 Bottom Packer Depth 3810 Wt. Pipe Run 0 WL 3.0
 Total Depth 3980 Chlorsides 2200 ppm System LCM 1"
 Blow Description B.O.B. @ 77 min
No return
B.O.B. @ 10 min

Rec.	Feet of	Spms	% Sol	Swabber	Surf
Rec. <u>5</u>	Feet of <u>OCM</u>	Spms	<u>95</u> Sol	Swabber	<u>55</u> Surf
Rec. <u>120</u>	Feet of <u>6 OCM</u>	<u>10</u> Spms	<u>25</u> Sol	Swabber	<u>65</u> Surf
Rec. _____	Feet of _____	Spms	% Sol	Swabber	Surf
Rec. _____	Feet of _____	Spms	% Sol	Swabber	Surf

Rec Total 125 BHIT 119 Gravity — API RW @ °F Chlorsides — ppm

(A) Initial Hydrostatic <u>1822</u>	☒ Test _____	T-On Location <u>3:45</u>
(B) First Initial Flow <u>24</u>	☒ Jars <u>250</u>	T-Started <u>4:24</u>
(C) First Final Flow <u>50</u>	☒ Safety Joint <u>75</u>	T-Open <u>7:05</u>
(D) Initial Shut-In <u>1152</u>	☒ Circ Sub <u>NK</u>	T-Pulled <u>9:05</u>
(E) Second Initial Flow <u>52</u>	☐ Hourly Standby _____	T-Out <u>11:03</u>
(F) Second Final Flow <u>75</u>	☒ Mileage <u>120 RT</u> <u>146</u>	Comments _____
(G) Final Shut-In <u>1134</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>1816</u>	☐ Straddle _____	

Initial Open <u>30</u>	☐ Shale Packer _____	☐ Ruined Shale Packer _____
Initial Shut-In <u>30</u>	☐ Extra Packer _____	☐ Ruined Packer _____
Final Flow <u>30</u>	☐ Extra Recorder _____	☐ Extra Copies _____
Final Shut-In <u>30</u>	☐ Day Standby _____	Sub Total <u>0</u>
	☒ Accessibility _____	Total <u>1461</u>
	Sub Total <u>1461</u>	NP-DST Disc't _____

Approved By [Signature] Our Representative Chuck Smith

Triobite Testing Inc. shall not be held responsible for any loss of or damage to property or personnel at the site for which 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. Tests lost or damaged in the field shall be paid for at cost to the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 - Hays, Kansas 67601

Test Ticket

NO. 48452

Well Name & No.	<u>Valentine #1</u>	Test No.	<u>2</u>	Date	<u>9-17-12</u>
Company	<u>Palomino Petroleum Inc.</u>	Elevation		KB	<u>2359</u> OL
Address	<u>4924 SE 84th St. Newton, KS 67117</u>				
Co. Rep./Geo.	<u>Ryan Seib</u>	Req.	<u>Val #2</u>		
Location: Sec.	<u>7</u>	Twp.	<u>25N 15E</u>	Rge.	<u>25W</u>
		Co.	<u>Trego</u>	State	<u>KS</u>

Interval Tested	<u>3881-3935</u>	Zone Tested	<u>Lansing</u>
Anchor Length	<u>54</u>	Drill Pipe Run	<u>3887</u>
Top Packer Depth	<u>3877</u>	Drill Collars Run	<u>0</u>
Bottom Packer Depth	<u>3881</u>	WT. Pipe Run	<u>0</u>
Total Depth	<u>3935</u>	Chlorides	<u>3900</u> ppm System LCM <u>1</u>

Blow Description: Surface blow died @ 9 min
No return
Surface blow died @ 7 min
No return

Rec.	Feet of	% gas	% Sol	% water	% mud
Rec. <u>5</u>	Feet of <u>OCM</u>	% gas <u>3</u>	% Sol	% water <u>97</u>	% mud
Rec.	Feet of	% gas	% Sol	% water	% mud
Rec.	Feet of	% gas	% Sol	% water	% mud
Rec.	Feet of	% gas	% Sol	% water	% mud

Rec. Total 5 BHV 1/5 Gravity - API Ref 60 °F Chlorides - ppm

(A) Initial Hydrostatic	<u>1882</u>	☒ Test	<u>1110</u>	T On Location	<u>22:00</u>
(B) First Initial Flow	<u>19</u>	☒ Jars	<u>250</u>	T Started	<u>22:22</u>
(C) First Final Flow	<u>21</u>	☒ Safety Joint	<u>75</u>	T Open	<u>00:30</u>
(D) Initial Shut-In	<u>88</u>	☒ Circ Sub	<u>N/K</u>	T Pulled	<u>Out: 39</u>
(E) Second Initial Flow	<u>21</u>	☐ Hourly Standby		T Out	<u>5:01</u>
(F) Second Final Flow	<u>21</u>	☒ Mixture	<u>120RT 100</u>	Comments	
(G) Final Shut-In	<u>43</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1874</u>	☐ Straddle		☐ Ruined Shale Packer	

Initial Open	<u>30</u>	☒ Shale Packer	<u>250</u>	☐ Ruined Packer	
Initial Shut-In	<u>30</u>	☐ Extra Packer		☐ Extra Copies	
Final Flow	<u>30</u>	☐ Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>30</u>	☐ Day Standby		Total	
		☒ Accessibility		MP/OST Disc 1	
		Sub Total	<u>1911</u>		

Approved By _____ Our Representative Chuck Amst

Triobite Testing Inc. shall not be held for damages or loss of the property or personnel of the user for which 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. Such loss or damages to the hole shall be paid for at once by the party for which the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 - Hays, Kansas 67601

Test Ticket

NO. 48453

Well Name & No.	Valentine #1		Test No.	3	Date	9-19-12
Company	Palmer Petroleum Inc.		Elevation		KB	2354
Address	4924 SE 84th St Newton, KS 67117					
Co. Rep / Geo.	Ryan Seib		Rig	Val #2		
Location Sec	7	Twp	15S	Rgn	25W	Co
					Trego	State
					KS	

Interval Tested	4224 - 4298	Zone Tested	Mississippi
Anchor Length	74	Drill Pipe Run	4224
Top Packer Depth	4220	Drill Collars Run	0
Bottom Packer Depth	4224	WT. Pipe Run	0
Total Depth	4298	Chlorides	3800 ppm System
Blow Description	9" Blow		
	No return		
	B.O.B. @ 45 min		
	Work surface returned @ 15 min		

Rec	Feet of	Sgas	% Sol	Swater	% mud
Rec 31	Feet of 60CM	10% Sgas	40% Sol	Swater 50	% mud
Rec 122	Feet of 60CM	10% Sgas	25% Sol	Swater 65	% mud
Rec	Feet of	Sgas	% Sol	Swater	% mud
Rec	Feet of	Sgas	% Sol	Swater	% mud

Rec Total	153	BHT	125	Gravity	---	API RW	@	F Chlorides	---	ppm
(A) Initial Hydrostatic	2089	☒ Test	1250	T-On Location	8:30					
(B) First Initial Flow	23	☒ Jars	250	T-Started	9:07					
(C) First Final Flow	52	☒ Safety Joint	75	T-Open	11:28					
(D) Initial Shut in	915	☒ Circ Sub	N/C	T-Pulled	16:29					
(E) Second Initial Flow	99	☐ Hourly Standby		T-Out	16:29					
(F) Second Final Flow	79	☒ Mileage	120 RT 100	Comments						
(G) Final Shut in	733	☐ Sampler								
(H) Final Hydrostatic	2106	☐ Straddle								

Initial Open	30	☒ Shale Packer	210	☐ Ruined Shale Packer	
Initial Shut in	30	☐ Extra Packer		☐ Ruined Packer	
Final Flow	60	☐ Extra Recorder		☐ Extra Copies	
Final Shut in	60	☒ Day Standby	1d 3.5hrs	Sub Total	116.47
		☒ Accessibility		Total	3127.47
		Sub Total		MP/OST Disc't	

Approved By

Our Representative

Chuck Smith

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 48454

Well Name & No. Valentine #1 Test No. 4 Date 7-20-12
 Company Palmer Petroleum Inc. Elevation 2357 CR
 Address 4924 SE 87th St. Newton, KS 67114
 Co. Rep / Geo. Ryan Scrib Reg. Vol 2
 Location Sec. 7 Twp. 15S Rge. 25W Co. Trego State KS

Interval Tested 4296-4323 Zone Tested Mississippi
 Anchor Length 27 Drill Pipe Run 4295 Mud Wt. 9.3
 Top Packer Depth 4292 Drill Collars Run 0 Vis 59
 Bottom Packer Depth 4296 Wt. Pipe Run 0 WL 87
 Total Depth 4323 Chlorides 3800 ppm System LCM 1"
 Blow Description 14" Blow
No return
No blow
No return

Rec	Feet of	Spd	Spd	Spd	Spd
Rec <u>10</u>	Feet of <u>OCM</u>	Spd <u>2</u>	Spd	Spd <u>98</u>	Spd
Rec	Feet of	Spd	Spd	Spd	Spd
Rec	Feet of	Spd	Spd	Spd	Spd
Rec	Feet of	Spd	Spd	Spd	Spd

Rec Total 10 HRT 124 Gravity — API RW — @ — F Chlorides — ppm
 (A) Initial Hydrostatic 2137 ☒ Test 1250 T On Location 10:50
 (B) First Initial Flow 11 ☒ Jm 250 T Started 10:52
 (C) First Final Flow 21 ☒ Safety Joint 75 T Open 3:15
 (D) Initial Shut In 867 ☒ Circ Sub N/C T Puffed 5:15
 (E) Second Initial Flow 22 ☐ Hourly Standby — T Out 7:23
 (F) Second Final Flow 22 ☒ Mileage 120 LCM 106 Comments —
 (G) Final Shut In 567 ☐ Sampler —
 (H) Final Hydrostatic 2172 ☐ Straddle —

Initial Open 30 ☒ Shale Packer 250 ☒ Rained Shale Packer —
 Initial Shut In 30 ☐ Extra Packer — ☒ Rained Packer 320
 Final Flow 30 ☐ Extra Recorder — ☐ Extra Copies —
 Final Shut In 30 ☐ Day Standby — Sub Total 320
☒ Accessibility — Total 2333 MPOST Disc 1 —
 Sub Total —

Approved By —

Our Representative Chuck Smith

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47868

Well Name & No. Valentine #1 Test No. 5 Date 9-20-12
 Company Palomares Petroleum, Inc. Elevation 2344 KB 2354 GL
 Address 4924 SE 84th Street, Newton, KS 67114
 Co. Rep./Geo. Ryan Stib Rig V-1 #2
 Location: Sec. 7 Twp. 15S Rge. 25W Co. 7regu State KS

Interval Tested 4144 - 4220 Zone Tested Ft Scott
 Anchor Length 26' Drill Pipe Run 4136 Mud Wt. 9.4
 Top Packer Depth 4139 Drill Collars Run 0 Vts 60
 Bottom Packer Depth 4144 size 4220 Wt. Pipe Run 0 Wt. 7.0
 Total Depth 4380 Chlorides 4100 ppm System LCM 2nd

Blow Description IFP - Strong, BOB in 4 min.

ISI - Blowback Built to 4 1/2"

FFP - Strong, BOB in 5 min.

FBI - Blowback Built to 1"

Rec	Feet of	Test	Temp	Soil	Water	Shut
330	Feet of <u>Gassy Muddy Oil</u>	70	Temp	60	Soil	Shut
Rec	Feet of	Temp	Soil	Water	Shut	
Rec	Feet of	Temp	Soil	Water	Shut	
Rec	Feet of	Temp	Soil	Water	Shut	
Rec	Feet of	Temp	Soil	Water	Shut	

Rec Total 330 BHT 122 Gravity 38 API RW @ F Chlorides ppm

(A) Initial Hydrostatic 2110 ☒ Test 1250 T On Location 23:09

(B) First Initial Flow 61 ☒ Jars 240 T Started 23:55

(C) First Final Flow 117 ☒ Safety Joint 75 T Open 3:12

(D) Initial Shut-In 1324 ☐ Circ Sub T Pulled 5:42

(E) Second Initial Flow 132 ☐ Hourly Standby T Out 8:33

(F) Second Final Flow 170 ☒ Mixlog 440 144 Comments

(G) Final Shut-In 1326 ☐ Sampler

(H) Final Hydrostatic 2067 ☒ Grapple 400

☐ Shale Packer ☐ Ruined Shale Packer

☐ Extra Packer ☐ Ruined Packer

☐ Extra Recorder ☐ Extra Copies

☐ Day Standby Sub Total

☐ Accessibility Total 2341

Sub Total 2341 MP/OST Disc1

Approved By Our Representative Don Mc Samson *Thank You*

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