



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone:785-324-1041 fax:785-483-1087
 Email: cementing@ruraltel.net

Date: 9/1/2015
 Invoice # 1031

P.O.#:

Due Date: 10/1/2015

Division: *Russell*

Invoice

RECEIVED

SEP 04 2015

Contact:
 Palomino Petroleum Inc
Address/Job Location:
 Palomino Petroleum Inc
 4924 SE 84th
 Newton Ks 67114

Reference:
 PARSONS 1

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 644.02	No				
Common-Class A	120	\$ 1,755.45	Yes				
Calcium Chloride	6	\$ 294.30	Yes				
POZ Mix-Standard	30	\$ 185.06	Yes				
Bulk Truck Matl-Material Service Charge	159	\$ 140.12	No				
Pump Truck Mileage-Job to Nearest Camp	16	\$ 77.55	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	16	\$ 49.35	No				
Premium Gel (Bentonite)	3	\$ 43.04	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 3,188.89
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (79.72)

SubTotal for Taxable Items:	\$ 2,220.91
SubTotal for Non-Taxable Items:	\$ 888.26
Total:	\$ 3,109.17
Tax:	\$ 188.78

8.50% Gove County Sales Tax

Thank You For Your Business!

Amount Due: \$ 3,297.95
Applied Payments:
Balance Due: \$ 3,297.95

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.

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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1031

Date <i>9-1-15</i>	Sec. <i>8</i>	Twp. <i>13</i>	Range <i>30</i>	County <i>Gove</i>	State <i>KS</i>	On Location	Finish <i>8:30 PM</i>
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Location *Oakley 12 1/2 S to Quail Rd 3 1/2 E Niche*

Lease <i>Parsons</i>	Well No. <i>#1</i>	Owner
Contractor <i>WW #6</i>		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job <i>Surface</i>		Charge To <i>Palomino Petroleum Inc</i>
Hole Size <i>12 1/4</i>	T.D. <i>218'</i>	Street
Csg. <i>8 5/8</i>	Depth <i>218'</i>	City
Tbg. Size	Depth	State
Tool	Depth	The above was done to satisfaction and supervision of owner agent or contractor.
Cement Left in Csg.	Shoe Joint	Cement Amount Ordered <i>150 cwt / 20 3/4 cc 2 1/4 Gel</i>

Meas Line Displace *12 3/4 bbl*

EQUIPMENT

Pumptrk <i>20</i> No. <i>20</i>	Cementer <i>Nick</i>	Common <i>120</i>
	Helper	Poz. Mix <i>30</i>
Bulktrk <i>21</i> No. <i>21</i>	Driver <i>Doug</i>	Gel. <i>3</i>
Bulktrk <i>PU</i> No. <i>PU</i>	Driver <i>Brett</i>	Calcium <i>6</i>

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38

Sand
Handling *159*
Mileage

FLOAT EQUIPMENT

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down

Cement Circulated!!

Pumptrk Charge *Surface*
Mileage *16*

X Signature <i>[Signature]</i>	Tax
	Discount
	Total Charge



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 9/10/2015 **RECEIVED**
 Invoice # 1623
 P.O.#: SEP 12 2015
 Due Date: 10/10/2015
 Division: Russell

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:
 Palomino Petroleum Inc
 4924 SE 84th
 Newton Ks 67114

Reference:
 PARSONS 1

Description of Work:
 PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 628.31	Yes				
Common-Class A	144	\$ 2,055.16	Yes				
POZ Mix-Standard	96	\$ 577.76	Yes				
Bulk Truck Matl-Material Service Charge	249	\$ 214.08	Yes				
Premium Gel (Bentonite)	9	\$ 125.97	Yes				
Flo Seal	60	\$ 103.17	Yes				
Pump Truck Mileage-Job to Nearest Camp	16	\$ 75.66	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	16	\$ 48.15	Yes				

Invoice Terms:

Net 30

	<i>SubTotal:</i>	\$ 3,828.25
	<i>Discount Available <u>ONLY</u> if Invoice is Paid & Received within listed terms of invoice:</i>	\$ (95.71)
<hr/>		
	SubTotal for Taxable Items:	\$ 3,732.55
	SubTotal for Non-Taxable Items:	\$ -
<hr/>		
	Total:	\$ 3,732.54
	Tax:	\$ 317.27
	Amount Due:	\$ 4,049.81
	Applied Payments:	
	Balance Due:	\$ 4,049.81

8.50% Gove County Sales Tax

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

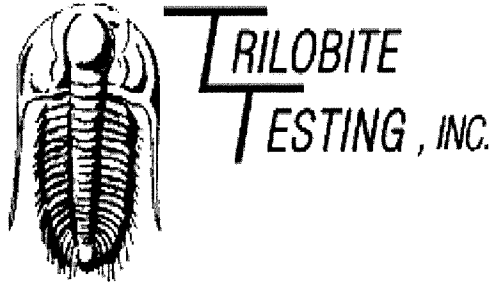
Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1623

Cell 785-324-1041

Date	9-10-15	Sec.	8	Twp.	13	Range	31	County	Gove	State	Ks	On Location		Finish	10:15 AM	
Lease	Parsons							Well No.	1	Location Oakley, Ks - S to Quail Rd, 3 1/2 E						
Contractor	W W 6							Owner	N/S							
Type Job	Plug							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Hole Size	7 7/8"		T.D.	4752'				Charge To	Palamino Petroleum							
Csg.								Depth								
Tbg. Size	4 1/2" D.P.		Depth	2485'				City	State							
Tool								The above was done to satisfaction and supervision of owner agent or contractor.								
Cement Left in Csg.								Shoe Joint	Cement Amount Ordered 240 60/40 4% Gel 1/4# Flowseal							
Meas Line	Displace H2O/mud															
EQUIPMENT								Common	144							
Pumptrk	5	No.	Cementer	Craig				Poz. Mix	90							
Bulktrk	15	No.	Driver	Nick				Gel.	9							
Bulktrk	p.u.	No.	Driver	Rick				Calcium								
JOB SERVICES & REMARKS								Hulls								
Remarks:	2485' - 50 SX							Salt								
Rat Hole								Flowseal	60#							
Mouse Hole	1545' - 100 SX							Kol-Seal								
Centralizers								Mud CLR 48								
Baskets	270' - 50 SX							CFL-117 or CD110 CAF 38								
D/V or Port Collar								Sand								
	40' - 10 SX w/plug							Handling	249							
	Rathole - 30 SX							Mileage								
Cement did Circulate.								FLOAT EQUIPMENT								
								Guide Shoe								
								Centralizer								
								Baskets								
								AFU Inserts								
								Float Shoe								
								Latch Down								
								1 - Dry hole plug								
								Pumptrk Charge	plug							
								Mileage	16							
								Tax								
								Discount								
								Total Charge								
X Signature	DS/ DS/															



DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Ryan Seib

Parsons #1

8-13s-31w Gove,KS

Start Date: 2015.09.05 @ 17:45:15

End Date: 2015.09.06 @ 00:00:15

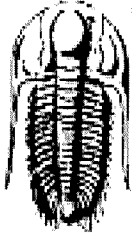
Job Ticket #: 64463 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2015.09.10 @ 09:30:34



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palamino Petroleum Inc.

4924 SE 84th St
New ton KS 67114

ATTN: Ryan Seib

8-13s-31w Gove,KS

Parsons #1

Job Ticket: 64463

DST#: 1

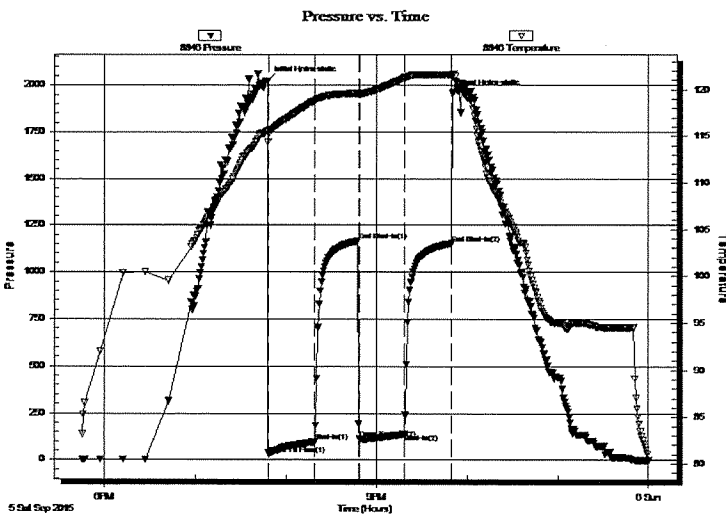
Test Start: 2015.09.05 @ 17:45:15

GENERAL INFORMATION:

Formation: **LKC F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:48:15
 Time Test Ended: 00:00:15
 Interval: **4091.00 ft (KB) To 4130.00 ft (KB) (TVD)**
 Total Depth: 4130.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 2974.00 ft (KB)
 2969.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8846 **Inside**
 Press@RunDepth: 137.73 psig @ 4125.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.05 End Date: 2015.09.06 Last Calib.: 2015.09.06
 Start Time: 17:45:15 End Time: 00:00:15 Time On Btm: 2015.09.05 @ 19:47:45
 Time Off Btm: 2015.09.05 @ 21:50:00

TEST COMMENT: IF:BOB in 25 min.
 IS:No return blow
 FF:BOB in 28 min.
 FS:No return blow



PRESSURE SUMMARY

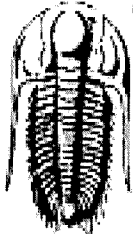
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2021.08	115.53	Initial Hydro-static
1	30.03	115.20	Open To Flow (1)
31	95.63	118.78	Shut-In(1)
60	1166.51	119.59	End Shut-In(1)
61	115.08	119.41	Open To Flow (2)
91	137.73	121.22	Shut-In(2)
122	1153.61	121.53	End Shut-In(2)
123	1955.53	121.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
123.00	ocw m 10%o 20%w 70%m	0.60
30.00	ocm 15%o 85%m	0.42
60.00	free oil 100%o	0.84
0.00	GIP 62 ft	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64463

DST#: 1

ATTN: Ryan Seib

Test Start: 2015.09.05 @ 17:45:15

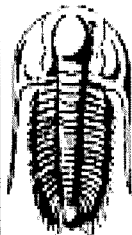
Tool Information

Drill Pipe:	Length: 3957.00 ft	Diameter: 3.80 inches	Volume: 55.51 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4091.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	67.00 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			4064.00	
Shut In Tool	5.00			4069.00	
Hydraulic tool	5.00			4074.00	
Jars	5.00			4079.00	
Safety Joint	3.00			4082.00	
Packer	5.00			4087.00	28.00 Bottom Of Top Packer
Packer	4.00			4091.00	
Stubb	1.00			4092.00	
Perforations	33.00			4125.00	
Recorder	0.00	8846	Inside	4125.00	
Recorder	0.00	8737	Outside	4125.00	
Bullnose	5.00			4130.00	39.00 Bottom Packers & Anchor

Total Tool Length: 67.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64463

DST#: 1

ATTN: Ryan Seib

Test Start: 2015.09.05 @ 17:45:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 17000 ppm

Viscosity: 66.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.73 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
123.00	ocw m 10%o 20%w 70%m	0.605
30.00	ocm 15%o 85%m	0.421
60.00	free oil 100%o	0.842
0.00	GIP 62 ft	0.000

Total Length: 213.00 ft Total Volume: 1.868 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

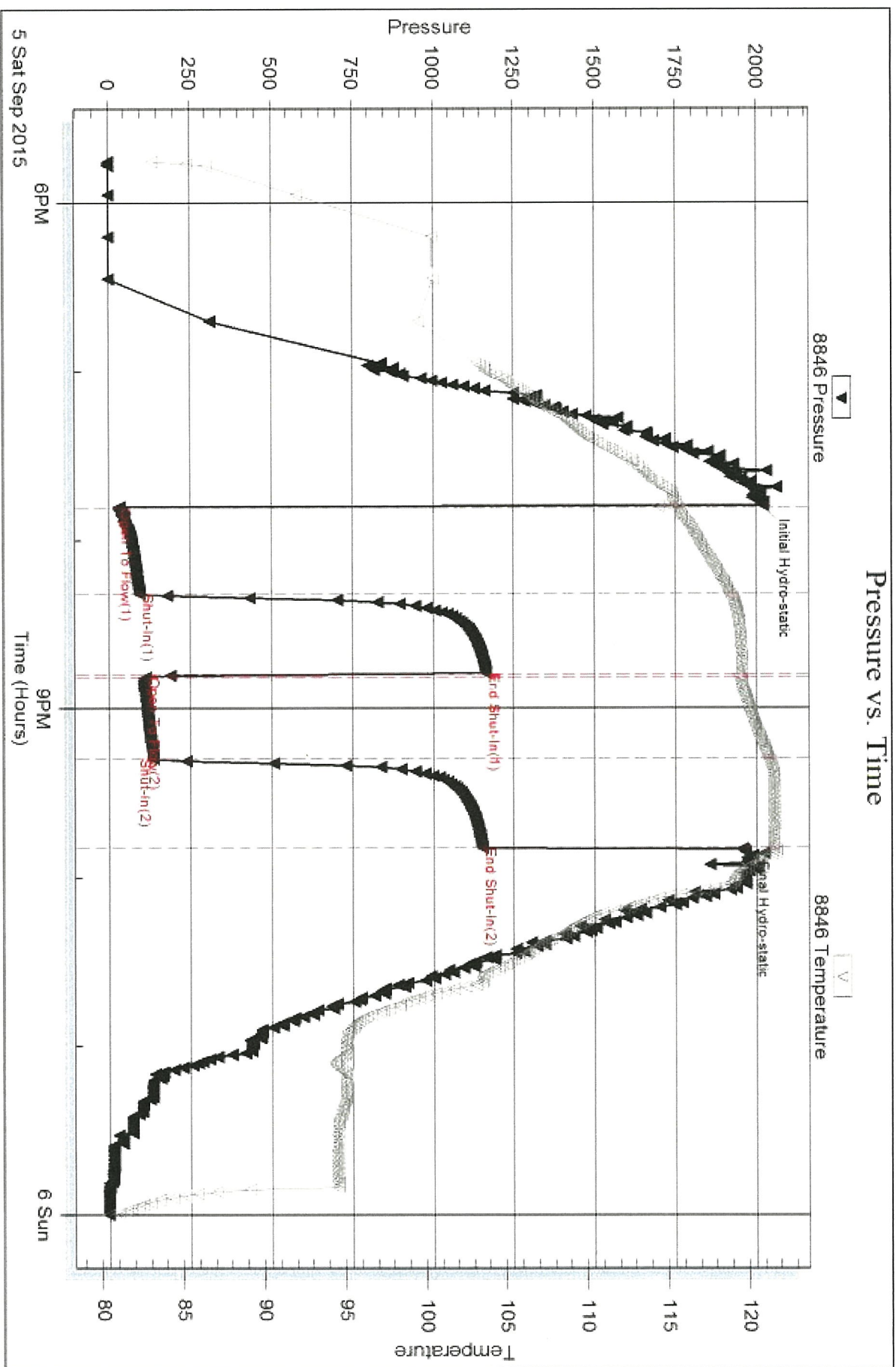
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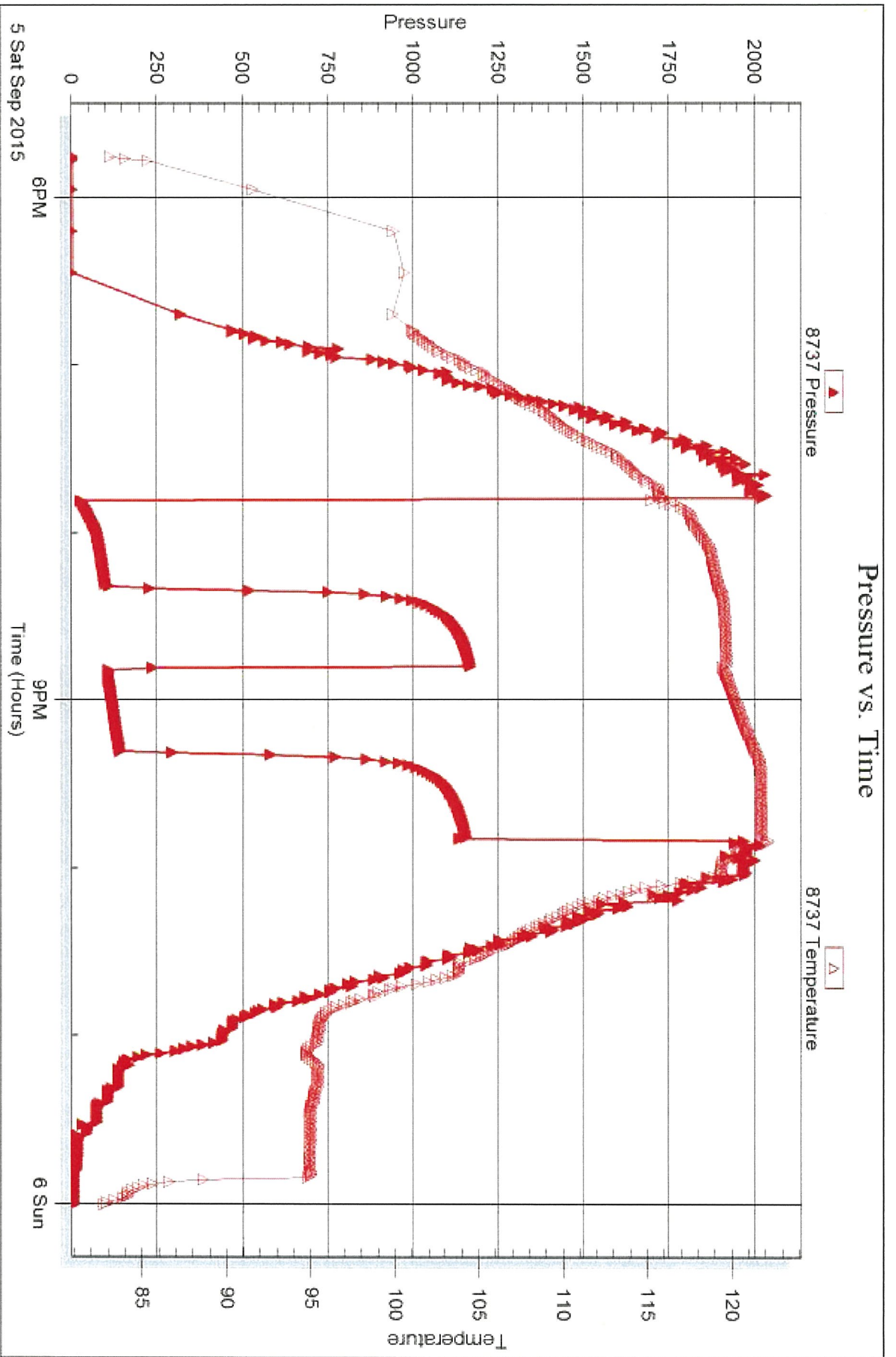
Laboratory Name:

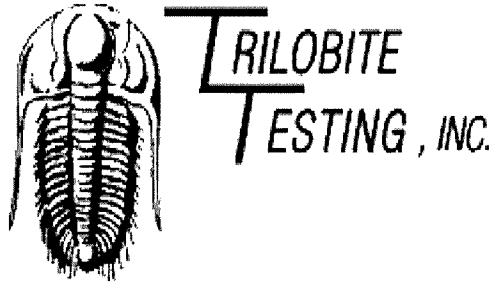
Laboratory Location:

Recovery Comments: API= 36 @ 80 corrected to 34 @ 60

RW= .39 @ 84.7 = 17,000 ppm







DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Ryan Seib

Parsons #1

8-13s-31w Gove,KS

Start Date: 2015.09.06 @ 13:24:15

End Date: 2015.09.06 @ 18:45:45

Job Ticket #: 64464 DST #: 2

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2015.09.10 @ 09:30:08



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

ATTN: Ryan Seib

Job Ticket: 64464

DST#: 2

Test Start: 2015.09.06 @ 13:24:15

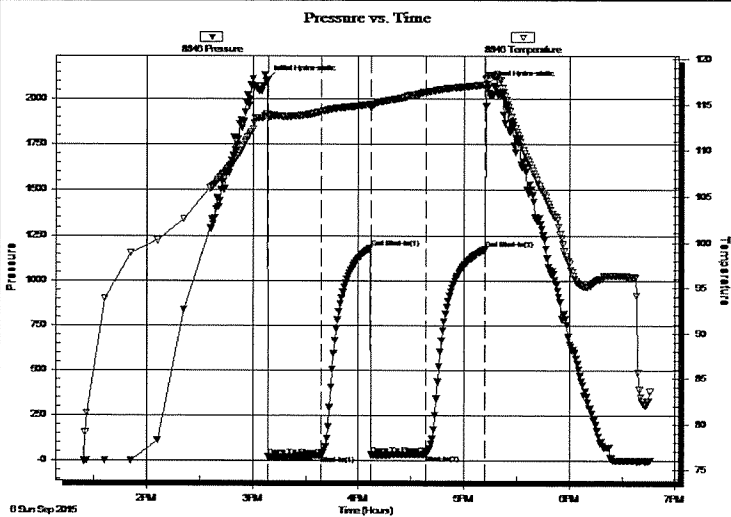
GENERAL INFORMATION:

Formation: **LKC J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:08:30
 Time Test Ended: 18:45:45
 Interval: **4222.00 ft (KB) To 4254.00 ft (KB) (TVD)**
 Total Depth: 4254.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 2974.00 ft (KB)
 2969.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8846 Inside
 Press@RunDepth: 37.26 psig @ 4249.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.06 End Date: 2015.09.06 Last Calib.: 2015.09.06
 Start Time: 13:24:15 End Time: 18:45:45 Time On Btm: 2015.09.06 @ 15:08:15
 Time Off Btm: 2015.09.06 @ 17:13:00

TEST COMMENT: IF: Built to weak surface blow and died in 15 min.
 IS: No return blow
 FF: No blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2103.46	114.02	Initial Hydro-static
1	23.38	113.63	Open To Flow (1)
31	28.90	114.24	Shut-In(1)
59	1182.25	115.04	End Shut-In(1)
59	32.69	114.60	Open To Flow (2)
91	37.26	116.39	Shut-In(2)
124	1173.66	117.20	End Shut-In(2)
125	2080.67	117.93	Final Hydro-static

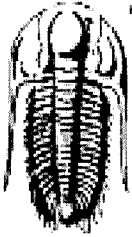
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w ith oil spots	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64464

DST#: 2

ATTN: Ryan Seib

Test Start: 2015.09.06 @ 13:24:15

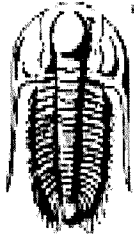
Tool Information

Drill Pipe:	Length: 4081.00 ft	Diameter: 3.80 inches	Volume: 57.25 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4222.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	60.00 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			4195.00	
Shut In Tool	5.00			4200.00	
Hydraulic tool	5.00			4205.00	
Jars	5.00			4210.00	
Safety Joint	3.00			4213.00	
Packer	5.00			4218.00	28.00 Bottom Of Top Packer
Packer	4.00			4222.00	
Stubb	1.00			4223.00	
Perforations	26.00			4249.00	
Recorder	0.00	8846	Inside	4249.00	
Recorder	0.00	8737	Outside	4249.00	
Bullnose	5.00			4254.00	32.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64464

DST#: 2

ATTN: Ryan Seib

Test Start: 2015.09.06 @ 13:24:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 58.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.34 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3300.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w ith oil spots	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

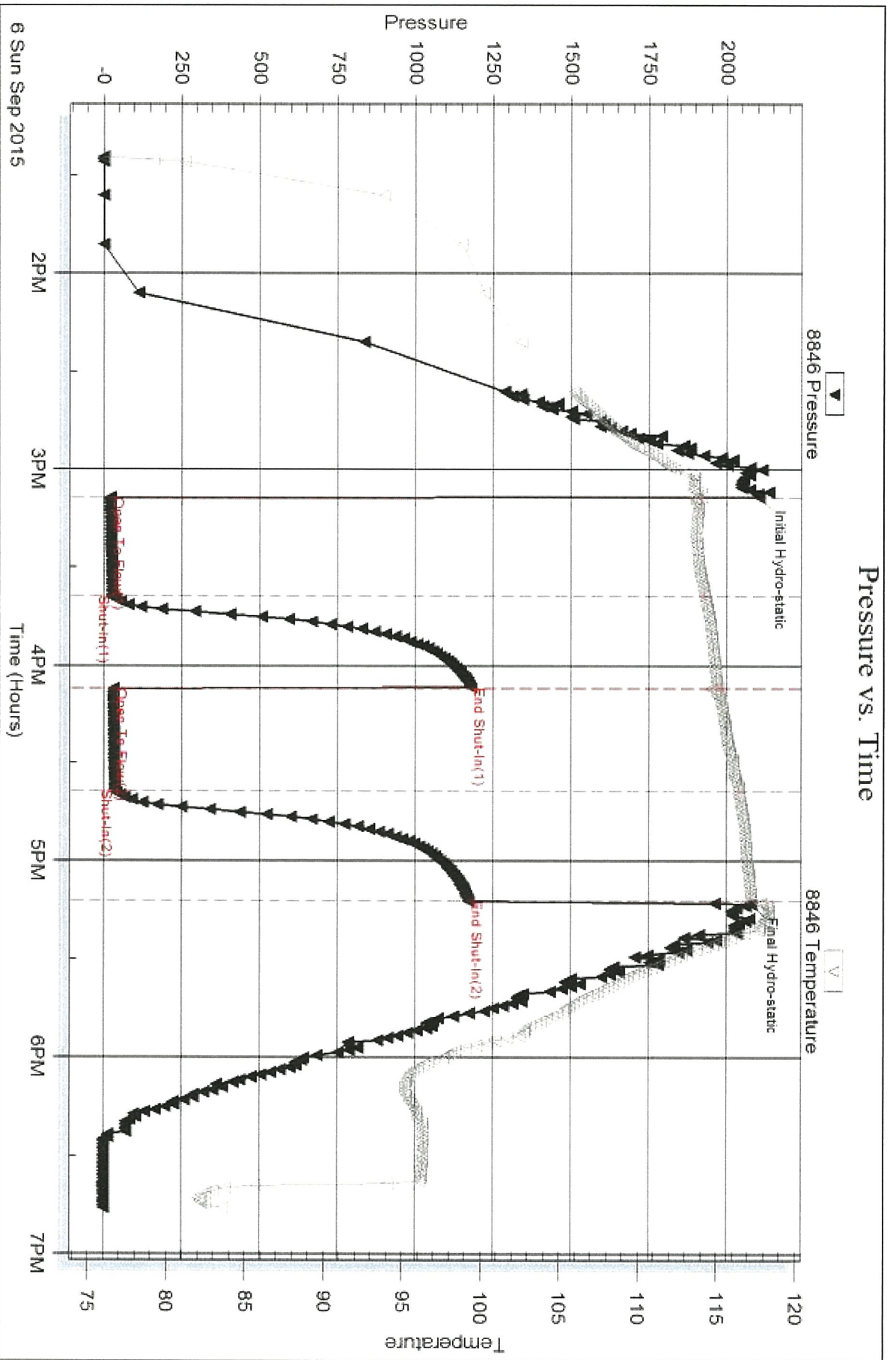
Num Gas Bombs: 0

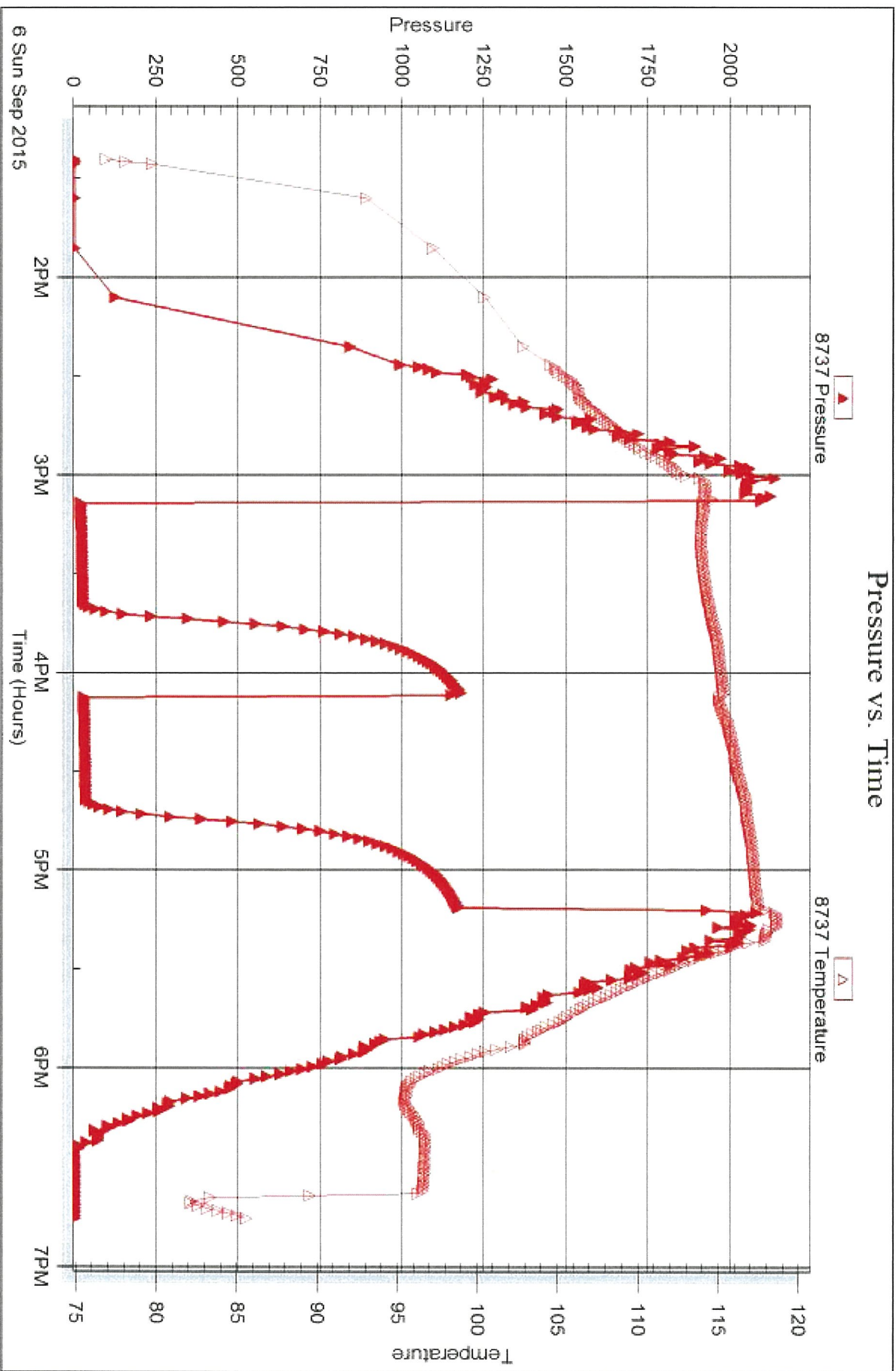
Serial #:

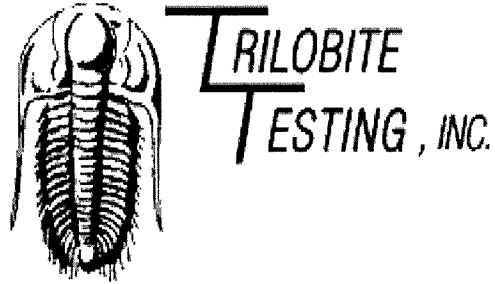
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Ryan Seib

Parsons #1

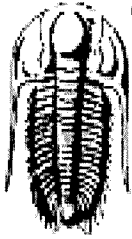
8-13s-31w Gove,KS

Start Date: 2015.09.07 @ 04:07:15

End Date: 2015.09.07 @ 09:33:30

Job Ticket #: 64465 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64465

DST#: 3

ATTN: Ryan Seib

Test Start: 2015.09.07 @ 04:07:15

GENERAL INFORMATION:

Formation: **LKC K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:55:30

Time Test Ended: 09:33:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4243.00 ft (KB) To 4330.00 ft (KB) (TVD)

Reference Elevations: 2974.00 ft (KB)

Total Depth: 4330.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846 Inside

Press@RunDepth: 139.08 psig @ 4245.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.07

End Date: 2015.09.07

Last Calib.: 2015.09.07

Start Time: 04:07:15

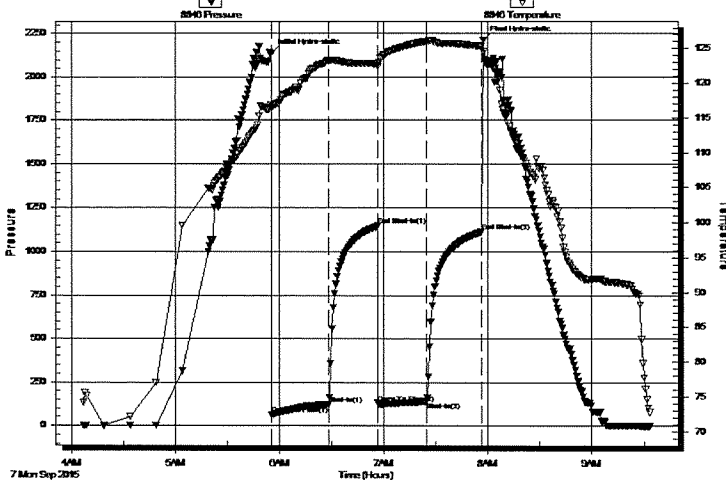
End Time: 09:33:30

Time On Btm: 2015.09.07 @ 05:55:15

Time Off Btm: 2015.09.07 @ 07:57:15

TEST COMMENT: IF:Built to 2" blow
IS:No return blow
FF:Built to 2 1/2" blow
FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2137.08	116.88	Initial Hydro-static
1	61.89	116.48	Open To Flow (1)
33	120.06	123.28	Shut-In(1)
62	1147.65	122.83	End Shut-In(1)
62	129.19	122.42	Open To Flow (2)
90	139.08	126.09	Shut-In(2)
122	1114.39	125.37	End Shut-In(2)
122	2213.09	124.55	Final Hydro-static

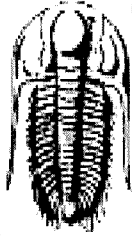
Recovery

Length (ft)	Description	Volume (bbl)
150.00	mud 100%m	0.98

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64465

DST#: 3

ATTN: Ryan Seib

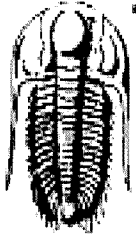
Test Start: 2015.09.07 @ 04:07:15

Tool Information

Drill Pipe:	Length: 4108.00 ft	Diameter: 3.80 inches	Volume: 57.62 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	4243.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	115.00 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			4216.00	
Shut In Tool	5.00			4221.00	
Hydraulic tool	5.00			4226.00	
Jars	5.00			4231.00	
Safety Joint	3.00			4234.00	
Packer	5.00			4239.00	28.00 Bottom Of Top Packer
Packer	4.00			4243.00	
Stubb	1.00			4244.00	
Perforations	1.00			4245.00	
Recorder	0.00	8846	Inside	4245.00	
Recorder	0.00	8737	Outside	4245.00	
Change Over Sub	1.00			4246.00	
Drill Pipe	63.00			4309.00	
Change Over Sub	1.00			4310.00	
Perforations	15.00			4325.00	
Bullnose	5.00			4330.00	87.00 Bottom Packers & Anchor
Total Tool Length:	115.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64465

DST#: 3

ATTN: Ryan Seib

Test Start: 2015.09.07 @ 04:07:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.35 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	mud 100%m	0.984

Total Length: 150.00 ft

Total Volume: 0.984 bbl

Num Fluid Samples: 0

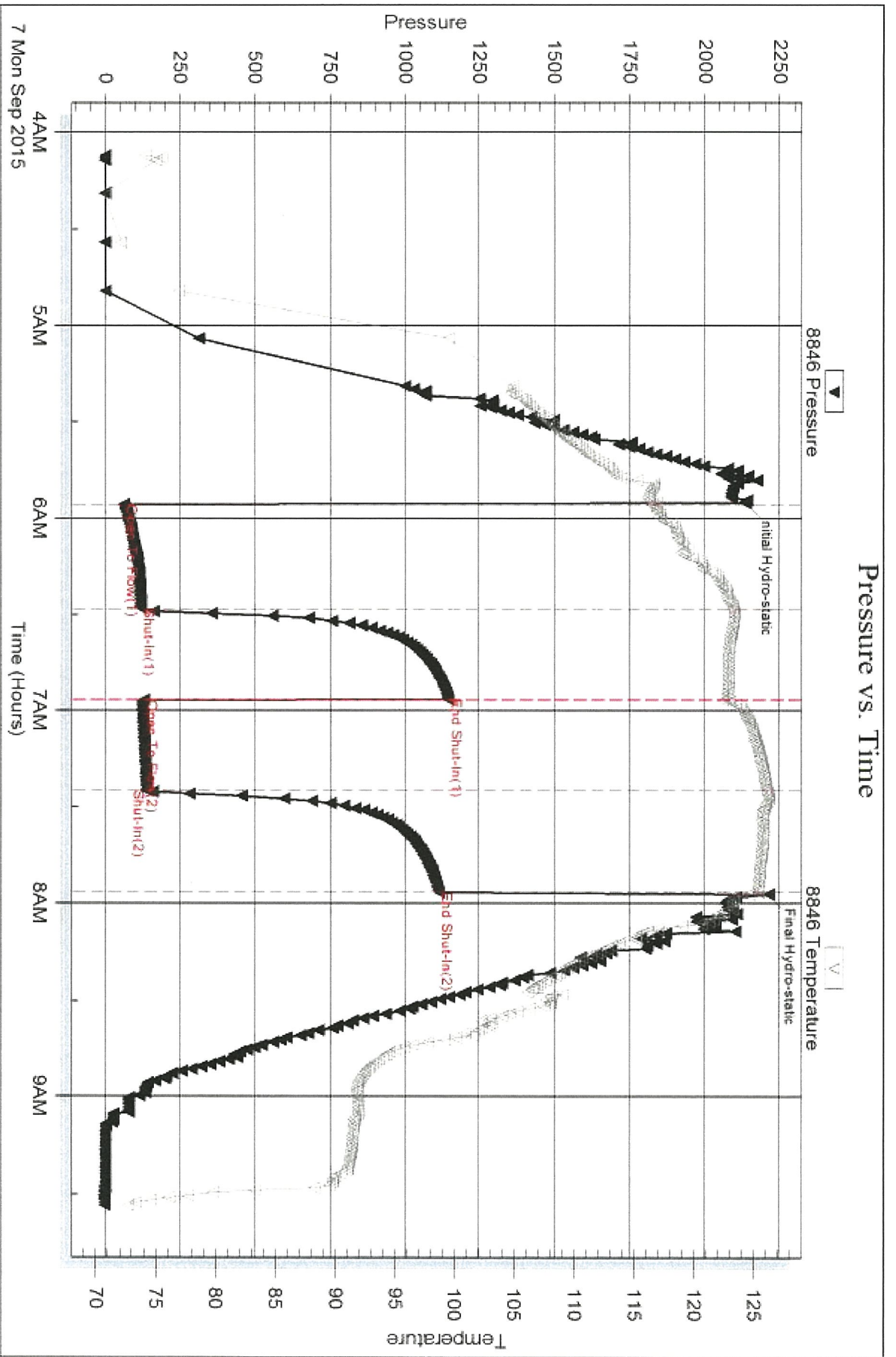
Num Gas Bombs: 0

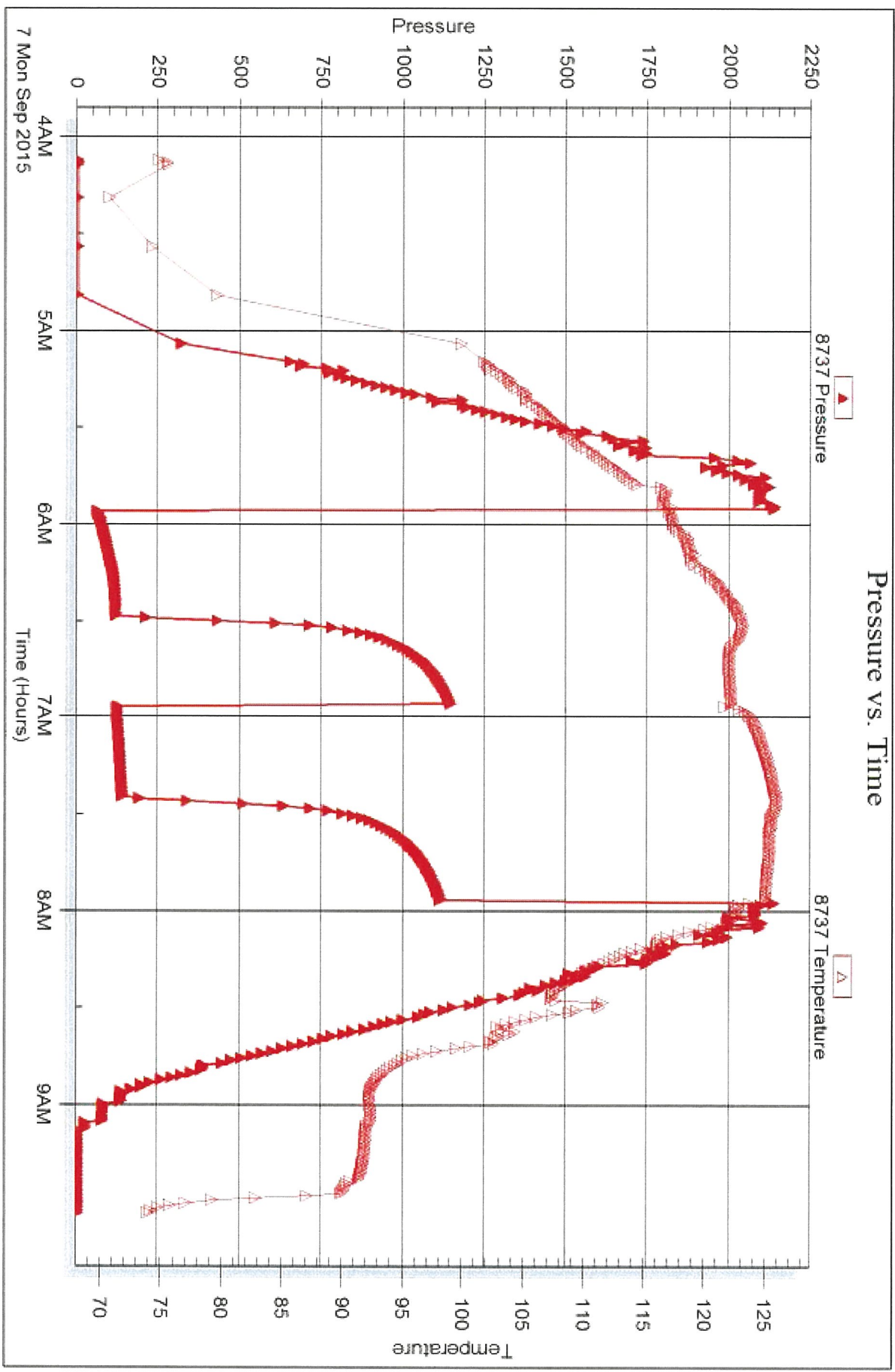
Serial #:

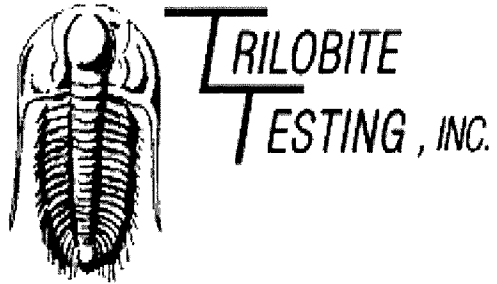
Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Ryan Seib

Parsons #1

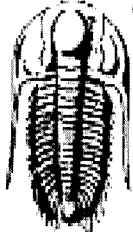
8-13s-31w Gove,KS

Start Date: 2015.09.08 @ 08:55:15

End Date: 2015.09.08 @ 14:49:45

Job Ticket #: 64466 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

ATTN: Ryan Seib

Job Ticket: 64466

DST#: 4

Test Start: 2015.09.08 @ 08:55:15

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:05:15
 Time Test Ended: 14:49:45
 Interval: **4505.00 ft (KB) To 4606.00 ft (KB) (TVD)**
 Total Depth: 4606.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 65
 Reference Elevations: 2974.00 ft (KB)
 2969.00 ft (CF)
 KB to GR/CF: 5.00 ft

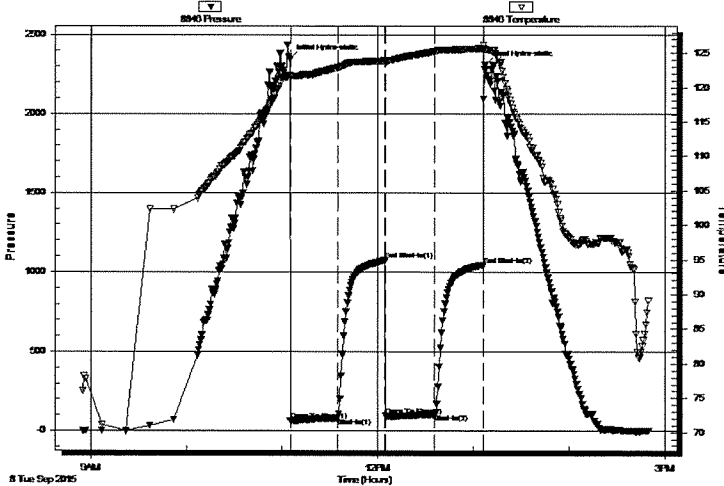
Serial #: 8846

Inside

Press@RunDepth: 105.42 psig @ 4507.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.09.08 End Date: 2015.09.08 Last Calib.: 2015.09.08
 Start Time: 08:55:15 End Time: 14:49:45 Time On Btm: 2015.09.08 @ 11:04:45
 Time Off Btm: 2015.09.08 @ 13:07:15

TEST COMMENT: IF: Built to 1 1/2' blow
 IS: No return blow
 FF: No blow
 FS: No return blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2343.23	121.87	Initial Hydro-static
1	61.59	121.46	Open To Flow (1)
31	80.30	122.93	Shut-In(1)
60	1072.28	123.93	End Shut-In(1)
60	95.56	123.38	Open To Flow (2)
91	105.42	125.27	Shut-In(2)
122	1045.68	125.69	End Shut-In(2)
123	2307.34	125.52	Final Hydro-static

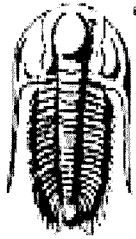
Recovery

Length (ft)	Description	Volume (bbl)
72.00	ocm 2%o 98% m	0.35

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64466

DST#: 4

ATTN: Ryan Seib

Test Start: 2015.09.08 @ 08:55:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:05:15

Time Test Ended: 14:49:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4505.00 ft (KB) To 4606.00 ft (KB) (TVD)

Reference Elevations: 2974.00 ft (KB)

Total Depth: 4606.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8737 Outside

Press@RunDepth: psig @ 4507.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.08 End Date: 2015.09.08

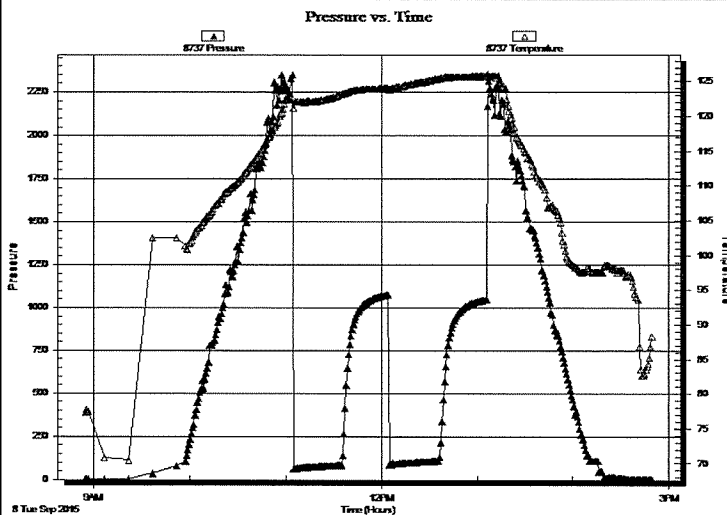
Last Calib.: 2015.09.08

Start Time: 08:55:15 End Time: 14:49:45

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to 1 1/2' blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

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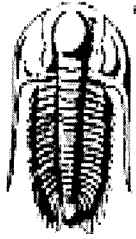
Recovery

Length (ft)	Description	Volume (bbl)
72.00	ocm 2%o 98%m	0.35

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64466

DST#: 4

ATTN: Ryan Seib

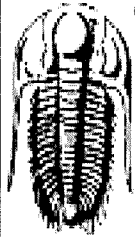
Test Start: 2015.09.08 @ 08:55:15

Tool Information

Drill Pipe:	Length: 4366.00 ft	Diameter: 3.80 inches	Volume: 61.24 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 61.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4505.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	129.00 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			4478.00	
Shut In Tool	5.00			4483.00	
Hydraulic tool	5.00			4488.00	
Jars	5.00			4493.00	
Safety Joint	3.00			4496.00	
Packer	5.00			4501.00	28.00 Bottom Of Top Packer
Packer	4.00			4505.00	
Stubb	1.00			4506.00	
Perforations	1.00			4507.00	
Recorder	0.00	8846	Inside	4507.00	
Recorder	0.00	8737	Outside	4507.00	
Change Over Sub	1.00			4508.00	
Drill Pipe	63.00			4571.00	
Change Over Sub	1.00			4572.00	
Perforations	29.00			4601.00	
Bullnose	5.00			4606.00	101.00 Bottom Packers & Anchor
Total Tool Length:	129.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64466

DST#: 4

ATTN: Ryan Seib

Test Start: 2015.09.08 @ 08:55:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
72.00	ocm 2%o 98%m	0.354

Total Length: 72.00 ft Total Volume: 0.354 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8846

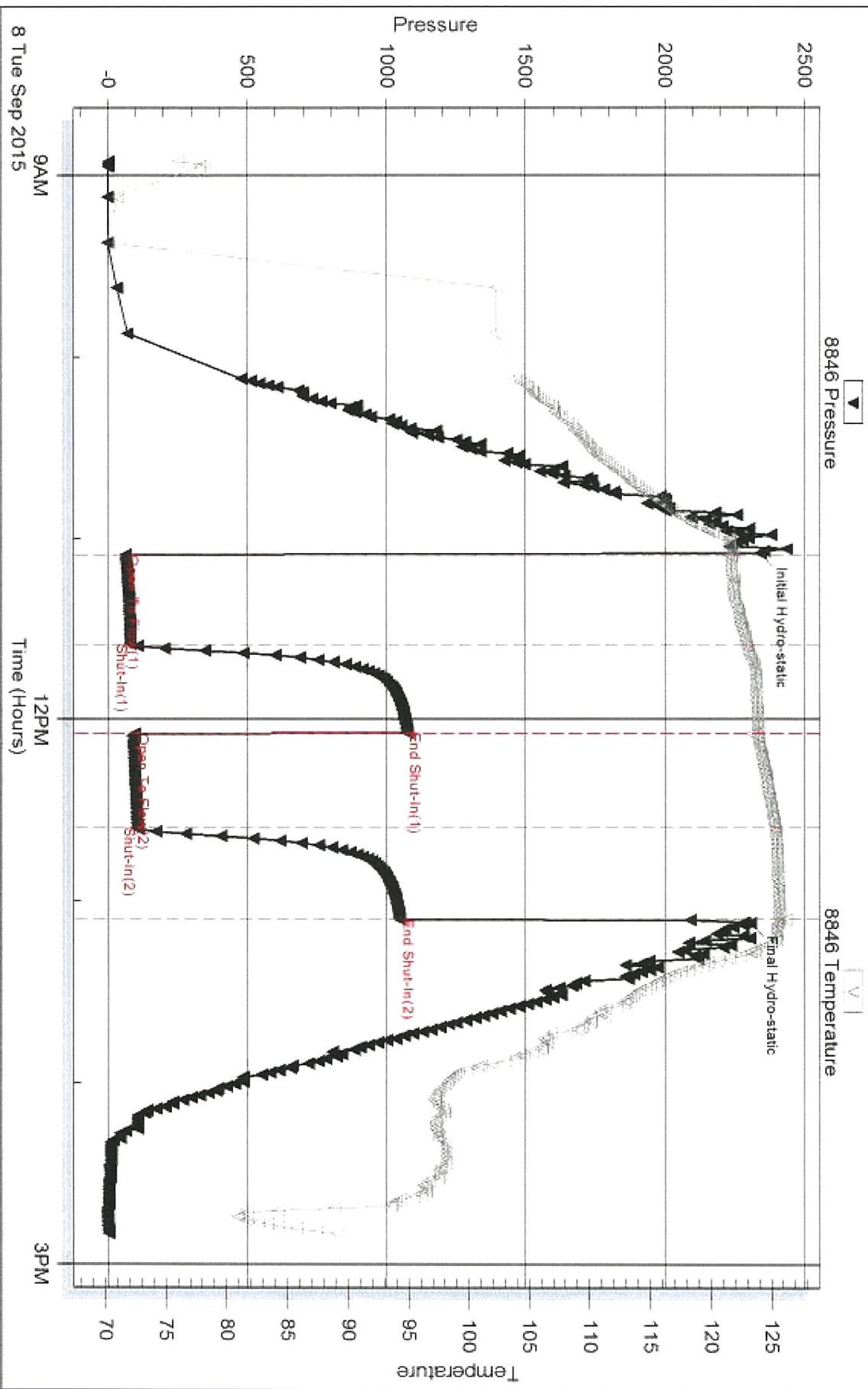
Inside

Palamino Petroleum Inc.

Parsons #1

DST Test Number: 4

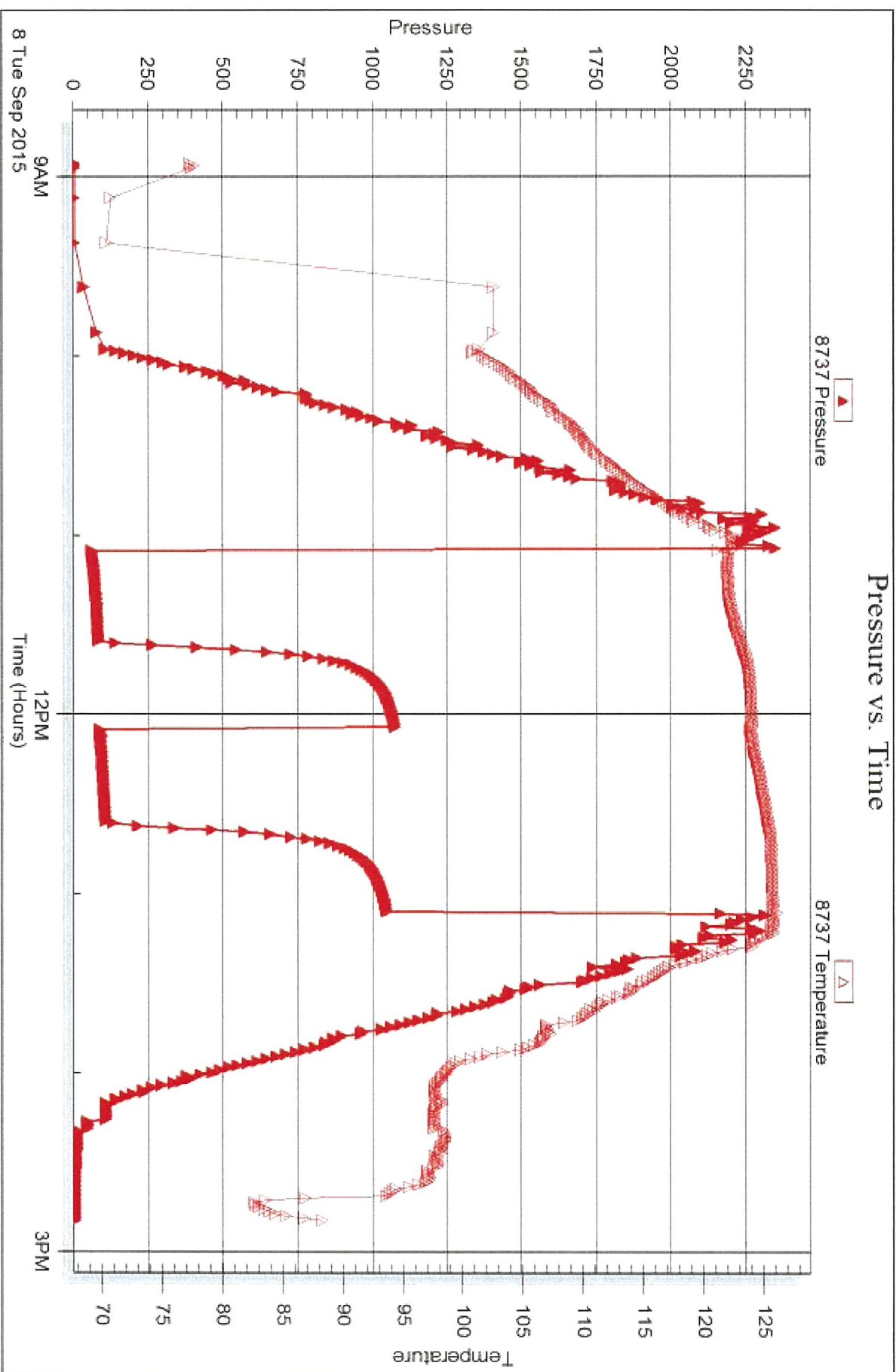
Pressure vs. Time

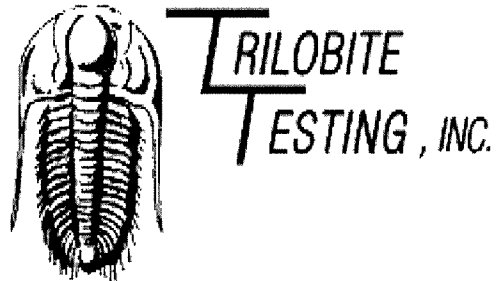


Tribble Testing, Inc

Ref. No: 64466

Printed: 2015 09 10 @ 09:29 11





DRILL STEM TEST REPORT

Prepared For: **Palamino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Ryan Seib

Parsons #1

8-13s-31w Gove,KS

Start Date: 2015.09.09 @ 06:47:15

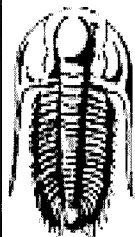
End Date: 2015.09.09 @ 12:47:30

Job Ticket #: 64467 DST #: 5

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64467

DST#: 5

ATTN: Ryan Seib

Test Start: 2015.09.09 @ 06:47:15

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:15

Time Test Ended: 12:47:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 65

Interval: 4505.00 ft (KB) To 4650.00 ft (KB) (TVD)

Reference Elevations: 2974.00 ft (KB)

Total Depth: 4650.00 ft (KB) (TVD)

2969.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846 Inside

Press@RunDepth: 155.13 psig @ 4512.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.09

End Date: 2015.09.09

Last Calib.: 2015.09.09

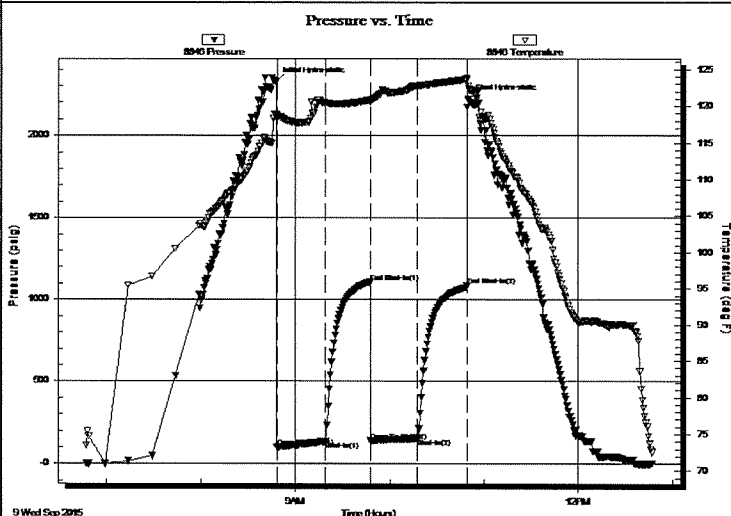
Start Time: 06:47:15

End Time: 12:47:30

Time On Btm: 2015.09.09 @ 08:47:45

Time Off Btm: 2015.09.09 @ 10:50:15

TEST COMMENT: IF:Built to 2 1/2" blow
IS:No return blow
FF:Built to 1/2" blow
FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2322.86	118.92	Initial Hydro-static
1	100.71	118.52	Open To Flow (1)
32	134.51	120.45	Shut-In(1)
60	1107.05	120.86	End Shut-In(1)
60	139.33	120.60	Open To Flow (2)
90	155.13	122.78	Shut-In(2)
122	1084.41	123.61	End Shut-In(2)
123	2221.92	122.35	Final Hydro-static

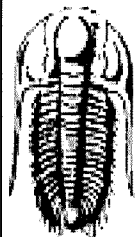
Recovery

Length (ft)	Description	Volume (bbl)
130.00	mud w ith oil spots	0.70

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64467

DST#: 5

ATTN: Ryan Seib

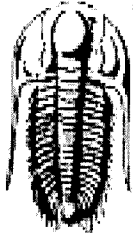
Test Start: 2015.09.09 @ 06:47:15

Tool Information

Drill Pipe:	Length: 4366.00 ft	Diameter: 3.80 inches	Volume: 61.24 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4505.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	4506.00 ft			
Tool Length:	4534.00 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			4478.00	
Shut In Tool	5.00			4483.00	
Hydraulic tool	5.00			4488.00	
Jars	5.00			4493.00	
Safety Joint	3.00			4496.00	
Packer	5.00			4501.00	28.00 Bottom Of Top Packer
Packer	4.00			4505.00	
Stubb	1.00			4506.00	
Perforations	6.00			4512.00	
Recorder	0.00	8846	Inside	4512.00	
Recorder	0.00	8737	Outside	4512.00	
Change Over Sub	1.00			4513.00	
Drill Pipe	126.00			4639.00	
Change Over Sub	1.00			4640.00	
Perforations	5.00			4645.00	
Bullnose	4366.00			9011.00	4506.00 Bottom Packers & Anchor
Total Tool Length:	4534.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palamino Petroleum Inc.

8-13s-31w Gove,KS

4924 SE 84th St
New ton KS 67114

Parsons #1

Job Ticket: 64467

DST#: 5

ATTN: Ryan Seib

Test Start: 2015.09.09 @ 06:47:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.37 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	mud w ith oil spots	0.703

Total Length: 130.00 ft Total Volume: 0.703 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8846

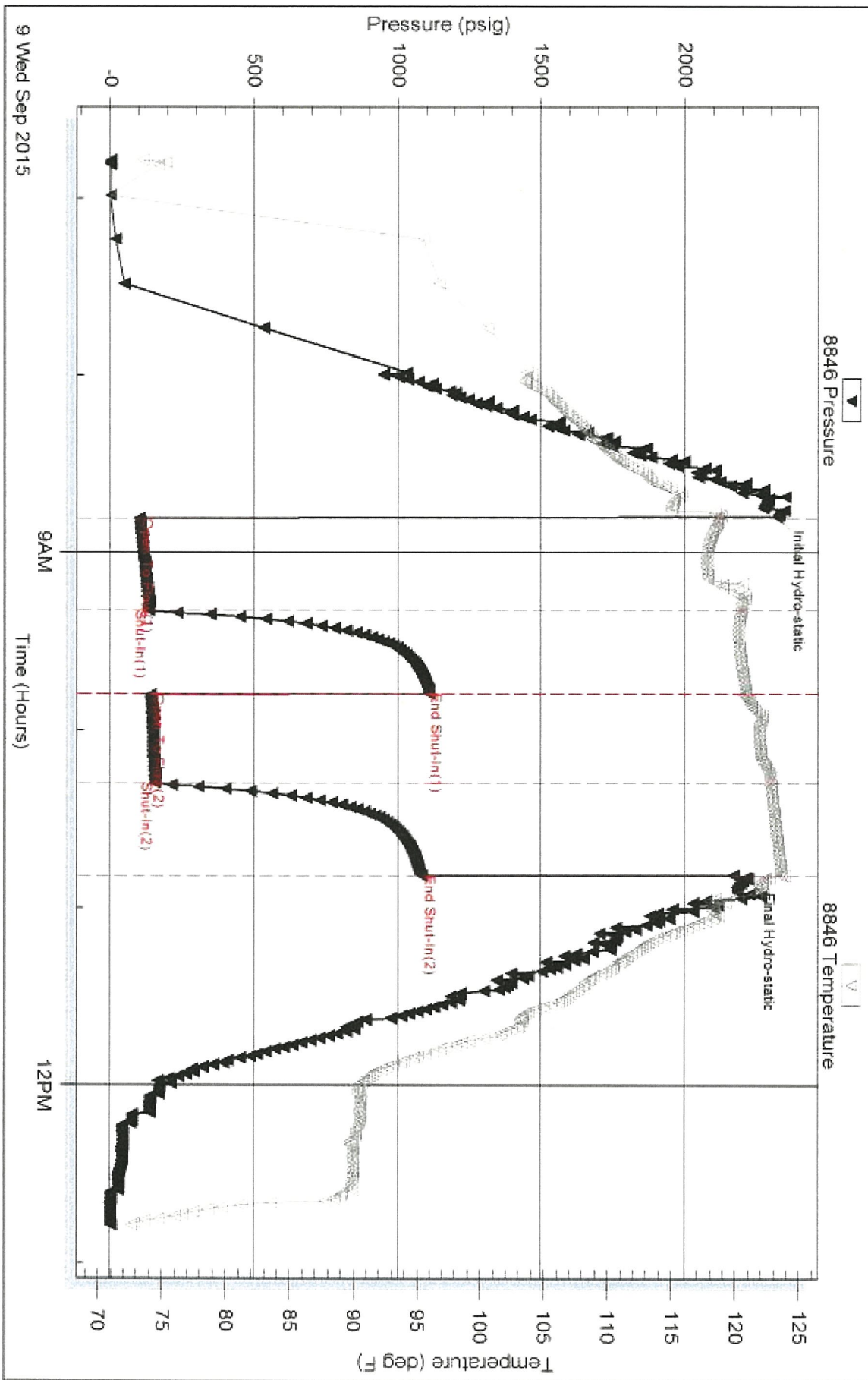
Inside

Palmino Petroleum Inc.

Parsons #1

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64467

Printed: 2015 09 10 @ 09:28:43

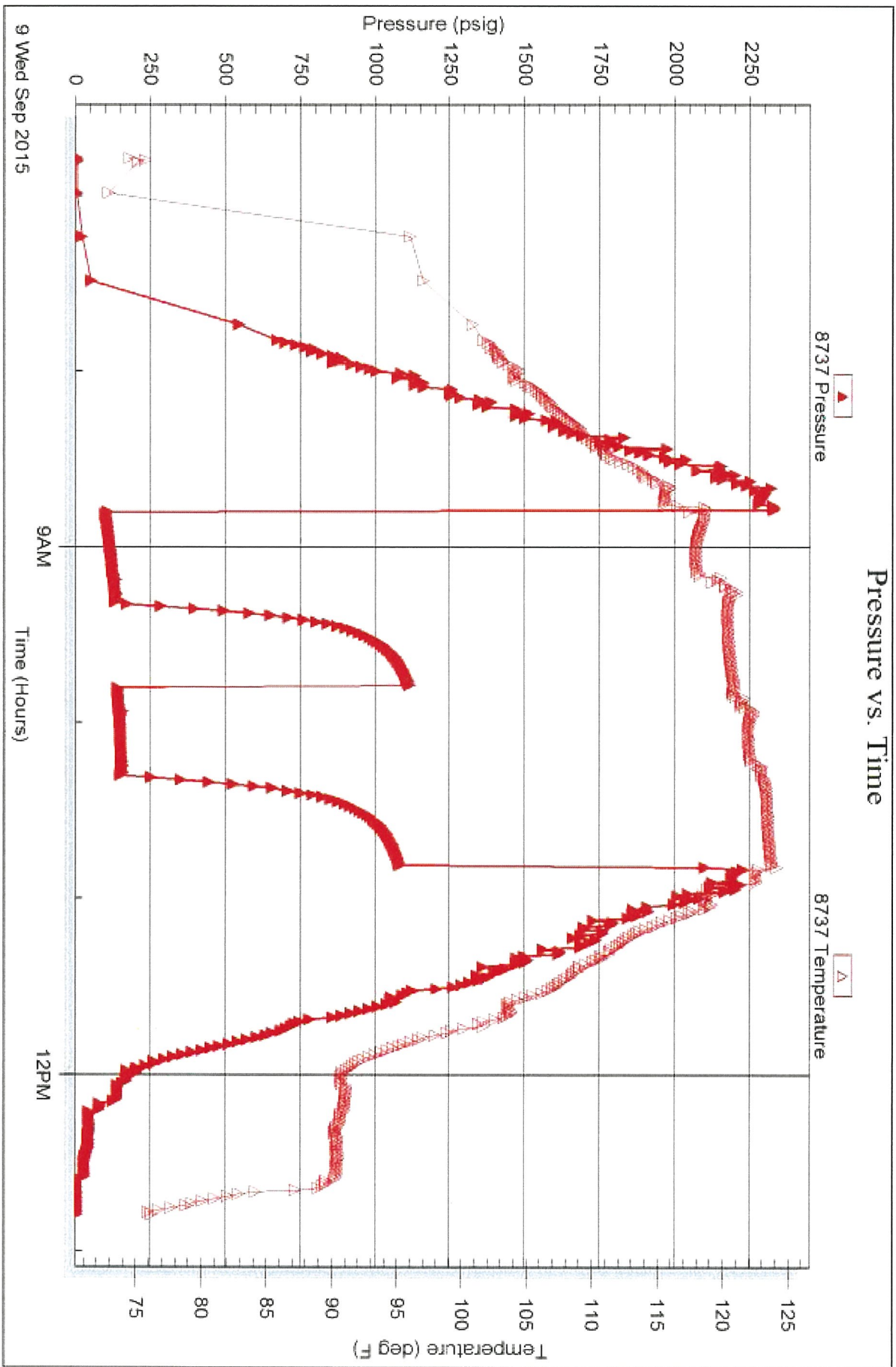
Serial #: 8737

Outside

Palamino Petroleum Inc.

Parsons #1

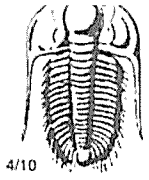
DST Test Number: 5



Triobite Testing, Inc

Ref. No: 64467

Printed 2015 09 10 @ 09:28:43



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64463

Well Name & No. Palomino Petroleum Inc Test No. 1 Date 9-5-15
 Company Parsons #1 Elevation 2969 KB 2974 GL
 Address 4924 SE 84th ST Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW6
 Location: Sec. 8 Twp. 13s Rge. 31w Co. Logan Grove State KS

Interval Tested 4091-4130 Zone Tested OF
 Anchor Length 39' Drill Pipe Run 3957 Mud Wt. 9.2
 Top Packer Depth 4084 Drill Collars Run 123 Vis 66
 Bottom Packer Depth 4091 Wt. Pipe Run φ WL 8.8
 Total Depth 4130 Chlorides 2000 ppm System LCM 1
 Blow Description IF: BOB in 25 Min
FS: No Return Blow
FF: BOB in 28 Min
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>Feet of GIP 62'</u>				
<u>60</u>	<u>Feet of Free Oil</u>				
<u>30</u>	<u>Feet of OCM</u>	<u>15</u>		<u>85</u>	
<u>123</u>	<u>Feet of OCWM (COLLARS)</u>	<u>10</u>	<u>20</u>	<u>70</u>	
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

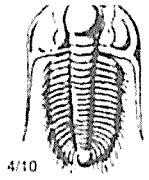
Rec Total 213 BHT 122 Gravity 34 API RW 39 @ 84.7°F Chlorides 17000 ppm
 (A) Initial Hydrostatic 2021 Test 1150.00 T-On Location 14:40
 (B) First Initial Flow 30 Jars 250.00 T-Started 17:45
 (C) First Final Flow 95 Safety Joint 75.00 T-Open 19:48
 (D) Initial Shut-In 1166 Circ Sub _____ T-Pulled 21:48
 (E) Second Initial Flow 115 Hourly Standby _____ T-Out 00:00
 (F) Second Final Flow 137 Mileage 80 RT 480.00 Comments _____
 (G) Final Shut-In 1153 Sampler 75 _____
 (H) Final Hydrostatic 1955 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 1550
 Sub Total \$1555.00

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

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1550
 MP/DST Disc't _____

Approved By [Signature] Our Representative Mike Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64464

Well Name & No. Parsons #1 Test No. 2 Date 9-6-15
 Company Palomino Petroleum Inc Elevation 2969 KB 2974 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW6
 Location: Sec. 8 Twp. 13S Rge. 31W Co. Logan Grove State KS

Interval Tested 4222-4254 Zone Tested J
 Anchor Length 32 Drill Pipe Run 4081 Mud Wt. 9.3
 Top Packer Depth 4217 Drill Collars Run 123 Vis 58
 Bottom Packer Depth 4222 Wt. Pipe Run 0 WL 10.4
 Total Depth 4254 Chlorides 3300 ppm System LCM 1
 Blow Description IF: Built to weak surface blow & Died in 15 Min.
IS: No Return Blow
FF: No Blow
FS: No Return Blow

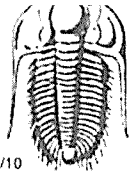
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 123 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2103</u>	<input checked="" type="checkbox"/> Test <u>#1150.00</u>	T-On Location <u>12:42</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars <u>1250.00</u>	T-Started <u>13:24</u>
(C) First Final Flow <u>28</u>	<input checked="" type="checkbox"/> Safety Joint <u>75.00</u>	T-Open <u>15:08</u>
(D) Initial Shut-In <u>1182</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>17:08</u>
(E) Second Initial Flow <u>32</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:45</u>
(F) Second Final Flow <u>37</u>	<input checked="" type="checkbox"/> Mileage <u>BORT 480.00</u>	Comments
(G) Final Shut-In <u>1173</u>	<input type="checkbox"/> Sampler <u>75</u>	
(H) Final Hydrostatic <u>2080</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</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>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1550</u>
	<input type="checkbox"/> Accessibility <u>1550</u>	MP/DST Disc't
	Sub Total <u>\$1555.00/-</u>	

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64465

Well Name & No. Parsons #1 Test No. 3 Date 9-7-15
 Company Palomino Petroleum Inc Elevation 2969 KB 2974 GL
 Address 4924 SE 84th ST Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WLW 6
 Location: Sec. 8 Twp. 13S Rge. 3/W Co. Grove State KS

Interval Tested 4243-4330 Zone Tested K&L
 Anchor Length 87 Drill Pipe Run 4108 Mud Wt. 9.3
 Top Packer Depth 4238 Drill Collars Run 123 Vis 58
 Bottom Packer Depth 4243 Wt. Pipe Run Ø WL 10.4
 Total Depth 4330 Chlorides 3300 ppm System LCM 1

Blow Description IF: Built to 2" Blow
IS: NO Return Blow
FF: Built to 2 1/2" Blow
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>150</u>	<u>MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 150 BHT 124 Gravity — API RW — @ — °F Chlorides — ppm

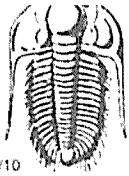
(A) Initial Hydrostatic 2137 Test # 1150.00 T-On Location 02:37
 (B) First Initial Flow 61 Jars # 250.00 T-Started 04:07
 (C) First Final Flow 120 Safety Joint # 75.00 T-Open 05:55
 (D) Initial Shut-In 1147 Circ Sub NL T-Pulled 07:55
 (E) Second Initial Flow 129 Hourly Standby T-Out 09:33
 (F) Second Final Flow 139 Mileage 80 RT # 80.00 Comments _____
 (G) Final Shut-In 1114 Sampler 75 _____
 (H) Final Hydrostatic 2213 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 1550 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

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

Sub Total 0
 Total 1550
 MP/DST Disc't _____
 Sub Total \$1555.00

Approved By _____ Our Representative Mike Palato

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64466

Well Name & No. Parsons #1 Test No. 4 Date 9-8-15
 Company Palomino Petroleum Inc Elevation 2969 KB 2974 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig Wiw 6
 Location: Sec. 8 Twp. 13S Rge. 31W Co. Grove State KS

Interval Tested 4505-4606 Zone Tested Johnson
 Anchor Length 101 Drill Pipe Run 4366 Mud Wt. 9.3
 Top Packer Depth 4500 Drill Collars Run 123 Vis 59
 Bottom Packer Depth 4505 Wt. Pipe Run φ WL 8.8
 Total Depth 4606 Chlorides 3000 ppm System LCM 1
 Blow Description IF: Built to 1 1/2" Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

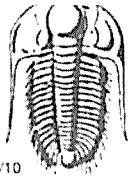
Rec	Feet of	%gas	%oil	%water	%mud
<u>72</u>	<u>DCM</u>		<u>2</u>		<u>98</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 72 BHT 126 Gravity - API RW - @ - °F Chlorides - ppm
 (A) Initial Hydrostatic 2343 Test \$1150.00 T-On Location 07:10
 (B) First Initial Flow 61 Jars \$250.00 T-Started 08:55
 (C) First Final Flow 80 Safety Joint \$75.00 T-Open 11:05
 (D) Initial Shut-In 1072 Circ Sub NC T-Pulled 13:05
 (E) Second Initial Flow 95 Hourly Standby _____ T-Out 14:49
 (F) Second Final Flow 105 Mileage 80 RT \$80.00/- Comments _____
 (G) Final Shut-In 1045 Sampler 75 _____
 (H) Final Hydrostatic 2307 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility 1550 Sub Total 0
 Sub Total \$1555.00/- Total 1550 MP/DST Disc't _____

Approved By [Signature] Our Representative Mike Roberts

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64467

Well Name & No. Parson #1 Test No. 5 Date 9-9-15
 Company Palomino Petroleum, Inc Elevation 2969 KB 2974 GL
 Address 4924 SE 84th ST Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW 6
 Location: Sec. 8 Twp. 13S Rge. 3W Co. Gove State KS

Interval Tested 4505-4650 Zone Tested Marrow
 Anchor Length 145 Drill Pipe Run 4366 Mud Wt. 9.5
 Top Packer Depth 4500 Drill Collars Run 123 Vis 57
 Bottom Packer Depth 4505 Wt. Pipe Run Ø WL 10.4
 Total Depth 4650 Chlorides 4000 ppm System LCM 1

Blow Description IF: Built to 2 1/2" Blow
IS: No Return Blow
FF: ~~1 1/2~~ Built to 1/2" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>130</u>	<u>Feet of mud with oil spots</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 130 BHT 1124 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2322</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00</u>	T-On Location <u>05:50</u>
(B) First Initial Flow <u>100</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00</u>	T-Started <u>06:47</u>
(C) First Final Flow <u>134</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00</u>	T-Open <u>08:48</u>
(D) Initial Shut-In <u>1107</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>10:48</u>
(E) Second Initial Flow <u>139</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>12:47</u>
(F) Second Final Flow <u>155</u>	<input checked="" type="checkbox"/> Mileage <u>50 RT \$80.00</u>	Comments
(G) Final Shut-In <u>1084</u>	<input type="checkbox"/> Sampler <u>75</u>	
(H) Final Hydrostatic <u>2221</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</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>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1550</u>
	<input type="checkbox"/> Accessibility <u>1550</u>	MP/DST Disc't
	Sub Total <u>\$1555.00</u>	

Approved By [Signature] Our Representative Mike Roberts

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