



FEB 09 2017

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: 2/6/2017
 Invoice # 7332

P.O.#:
 Due Date: 3/8/2017
 Division: *Russell*

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:

4924 SE 84th
 Newton Ks 67114

Reference:
 ROHR 1 SEC 4-16-27

Description of Work:
 PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 479.24	Yes				
Common-Class A	162	\$ 1,733.40	Yes				
POZ Mix-Standard	108	\$ 487.30	Yes				
Premium Gel (Bentonite)	10	\$ 186.93	Yes				
Bulk Truck Matl-Material Service Charge	280	\$ 180.48	Yes				
Pump Truck Mileage-Job to Nearest Camp	41	\$ 118.92	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	41	\$ 92.50	Yes				
Flo Seal	67	\$ 86.37	Yes				
Dry Hole Plug	1	\$ 36.10	Yes				

Invoice Terms:

Net 30

	SubTotal:	\$ 3,401.25
	<i>Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:</i>	\$ (85.03)
<hr/>		
	SubTotal for Taxable Items:	\$ 3,316.22
	SubTotal for Non-Taxable Items:	\$ -
<hr/>		
	Total:	\$ 3,316.22
	Tax:	\$ 248.72
	Amount Due:	\$ 3,564.94
	Applied Payments:	
	Balance Due:	\$ 3,564.94

7.50% Lane 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

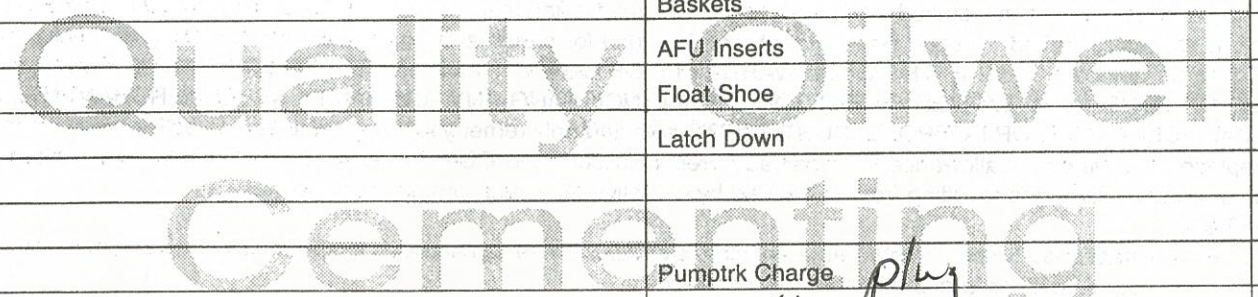
Phone 785-483-2025
Cell 785-324-1041

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

No. 7332

Date	2-6-17	Sec.	4	Twp.	16	Range	27	County	Lane	State	KS	On Location	9:30 AM
Lease	Rahr			Well No.	1			Location	Pendennis Past Side Rockwell 2 1/2 W PO 285				
Contractor	Wyo #12			Owner	E 70 Tomahawk 1/2 W Winto								
Type Job	Rotary 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.	4636			Charge To	Palomino Petroleum				
Csg.				Depth				Street					
Tbg. Size				Depth				City	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	270 60/40 4 1/2 LBL 1/4 #FL				
Meas Line				Displace									
EQUIPMENT								Common	162				
Pumptrk	20	No.	Cement Helper	Cruz				Poz. Mix	108				
Bulktrk		No.	Driver	Bret				Gel.	10				
Bulktrk	21	No.	Driver	Dary				Calcium					
JOB SERVICES & REMARKS								Hulls					
Remarks:								Salt					
Rat Hole	30SK							Flowseal	7 67#				
Mouse Hole								Kol-Seal					
Centralizers								Mud CLR 48					
Baskets								CFL-117 or CD110 CAF 38					
D/V or Port Collar								Sand					
1st	2100		50SK					Handling	280				
2nd	1380		80SK					Mileage					
3rd	690		50SK					FLOAT EQUIPMENT					
4th	240		40SK					Guide Shoe	8 5/8 Dry Hole Plug				
5th	60		20SK					Centralizer					
								Baskets					
								AFU Inserts					
								Float Shoe					
								Latch Down					
								Pumptrk Charge	plug				
								Mileage	41				
								Tax					
								Discount					
								Total Charge					

X Signature





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

RECEIVED
 FEB 02 2017

Date: 1/27/2017
 Invoice # 7325
 P.O.#:
 Due Date: 2/26/2017
 Division: Russell

Invoice

Contact:
 Palomino Petroleum Inc
 Address/Job Location:

4924 SE 84th
 Newton Ks 67114

Reference:
 ROHR 1 SEC 4-16-27

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 479.24	No				
Common-Class A	120	\$ 1,284.00	Yes				
Calcium Chloride	6	\$ 216.58	Yes				
POZ Mix-Standard	30	\$ 135.36	Yes				
Pump Truck Mileage-Job to Nearest Camp	41	\$ 118.92	No				
Bulk Truck Matl-Material Service Charge	159	\$ 102.49	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	41	\$ 92.50	No				
Premium Gel (Bentonite)	3	\$ 56.08	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 2,485.17
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (62.13)

SubTotal for Taxable Items:	\$ 1,649.72
SubTotal for Non-Taxable Items:	\$ 773.32
Total:	\$ 2,423.04
Tax:	\$ 123.73

7.50% Lane County Sales Tax

Thank You For Your Business!

Amount Due: \$ 2,546.77
Applied Payments:
Balance Due: \$ 2,546.77

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.

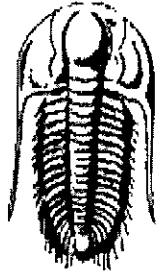
Federal Tax I.D.# 20-2886107

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

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

No. 7325

Date	Sec.	Twp.	Range	County	State	On Location	Finish
1-27-17	4	14	27	Lane	KS		7:45pm
Lease				Well No.		Owner	
Rohr				1		E to Tomchawic 1/20 Winto	
Contractor				To Quality Oilwell Cementing, Inc.			
WW #12				You are hereby requested to rent cementing equipment and furnish			
Type Job				Cementing and helper to assist owner or contractor to do work as listed.			
Surface							
Hole Size		T.D.		Charge To			
12 1/4		211		Palomino Pet.			
Csg.		Depth		Street			
8 5/8		211					
Tbg. Size		Depth		City			
				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			
15'				150 @ 1/20 3:1-LL 2/602			
Meas Line		Displace					
		12 1/2 B L					
EQUIPMENT				Common			
Pumptrk 5 No. Cementer				120			
Helper				Poz. Mix			
Brett				30			
Bulktrk No. Driver				Gel.			
Brett				3			
Bulktrk 15 No. Driver				Calcium			
Nick				6			
JOB SERVICES & REMARKS				Hulls			
Remarks:				Salt			
Rat Hole				Flowseal			
Mouse Hole				Kol-Seal			
Centralizers				Mud CLR 48			
Baskets				CFL-117 or CD110 CAF 38			
D/V or Port Cpillar				Sand			
8 5/8 on bottom Est. Circulation				Handling			
Mix 150 SK + Displace.				159			
Cement Circulated				Mileage			
				FLOAT EQUIPMENT			
				Guide Shoe			
				Centralizer			
				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge			
				Surface			
				Mileage			
				41			
Signature				Tax			
Cale Forte				Discount			
				Total Charge			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

Rohr #1

4-16s-27w Lane,KS

Start Date: 2017.02.01 @ 16:15:15

End Date: 2017.02.01 @ 23:01:00

Job Ticket #: 65698 DST #: 1

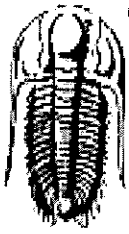
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.02.06 @ 09:24:10

Palomino Petroleum Inc. 4-16s-27w Lane,KS Rohr #1 DST # 1 LKC H-1 2017.02.01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65698

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2017.02.01 @ 16:15:15

GENERAL INFORMATION:

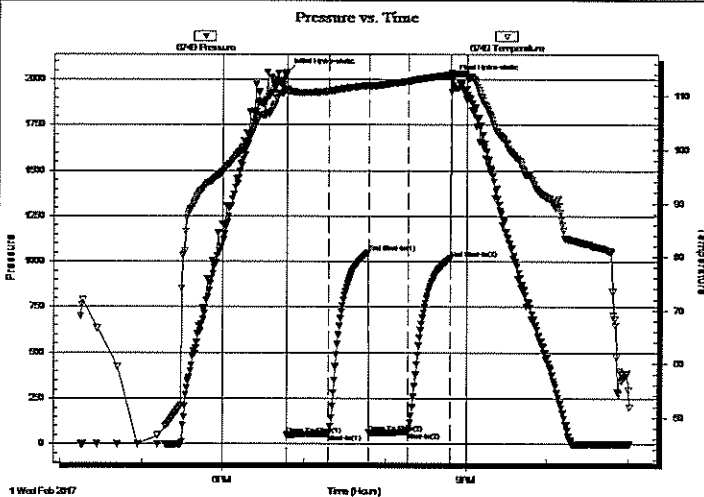
Formation: LKC H-I
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:47:00
 Time Test Ended: 23:01:00
 Interval: 4029.00 ft (KB) To 4096.00 ft (KB) (TVD)
 Total Depth: 4096.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2611.00 ft (KB)
 2605.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6749

Outside

Press@RunDepth: 64.23 psig @ 4067.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.02.01 End Date: 2017.02.01 Last Calib.: 2017.02.01
 Start Time: 16:15:15 End Time: 23:01:00 Time On Btm: 2017.02.01 @ 18:46:45
 Time Off Btm: 2017.02.01 @ 20:49:30

TEST COMMENT: IF: Built to 3/4" blow
 IS: No return blow
 FF: No blow
 FS: No return blow



PRESSURE SUMMARY

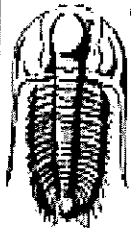
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2038.82	111.26	Initial Hydro-static
1	50.23	110.73	Open To Flow (1)
31	56.98	110.91	Shut-In(1)
61	1050.15	112.06	End Shut-In(1)
61	61.91	111.71	Open To Flow (2)
90	64.23	112.80	Shut-In(2)
122	1019.19	114.00	End Shut-In(2)
123	2006.89	114.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65698

DST#: 1

ATTN: Andrew Stenzel

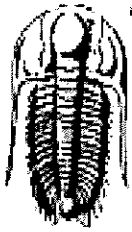
Test Start: 2017.02.01 @ 16:15:15

Tool Information

Drill Pipe:	Length: 3891.00 ft	Diameter: 3.80 inches	Volume: 54.58 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 84000.00 lb
			<u>Total Volume: 55.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4029.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	95.00 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			4002.00	
Shut In Tool	5.00			4007.00	
Hydraulic tool	5.00			4012.00	
Jars	5.00			4017.00	
Safety Joint	3.00			4020.00	
Packer	5.00			4025.00	28.00 Bottom Of Top Packer
Packer	4.00			4029.00	
Stubb	1.00			4030.00	
Perforations	4.00			4034.00	
Change Over Sub	1.00			4035.00	
Drill Pipe	31.00			4066.00	
Change Over Sub	1.00			4067.00	
Recorder	0.00	8672	Inside	4067.00	
Recorder	0.00	6749	Outside	4067.00	
Perforations	24.00			4091.00	
Bullnose	5.00			4096.00	67.00 Bottom Packers & Anchor
Total Tool Length:	95.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65698

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2017.02.01 @ 16:15:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.53 in³

Resistivity: 0.00 ohm.m

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 0 deg API

Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

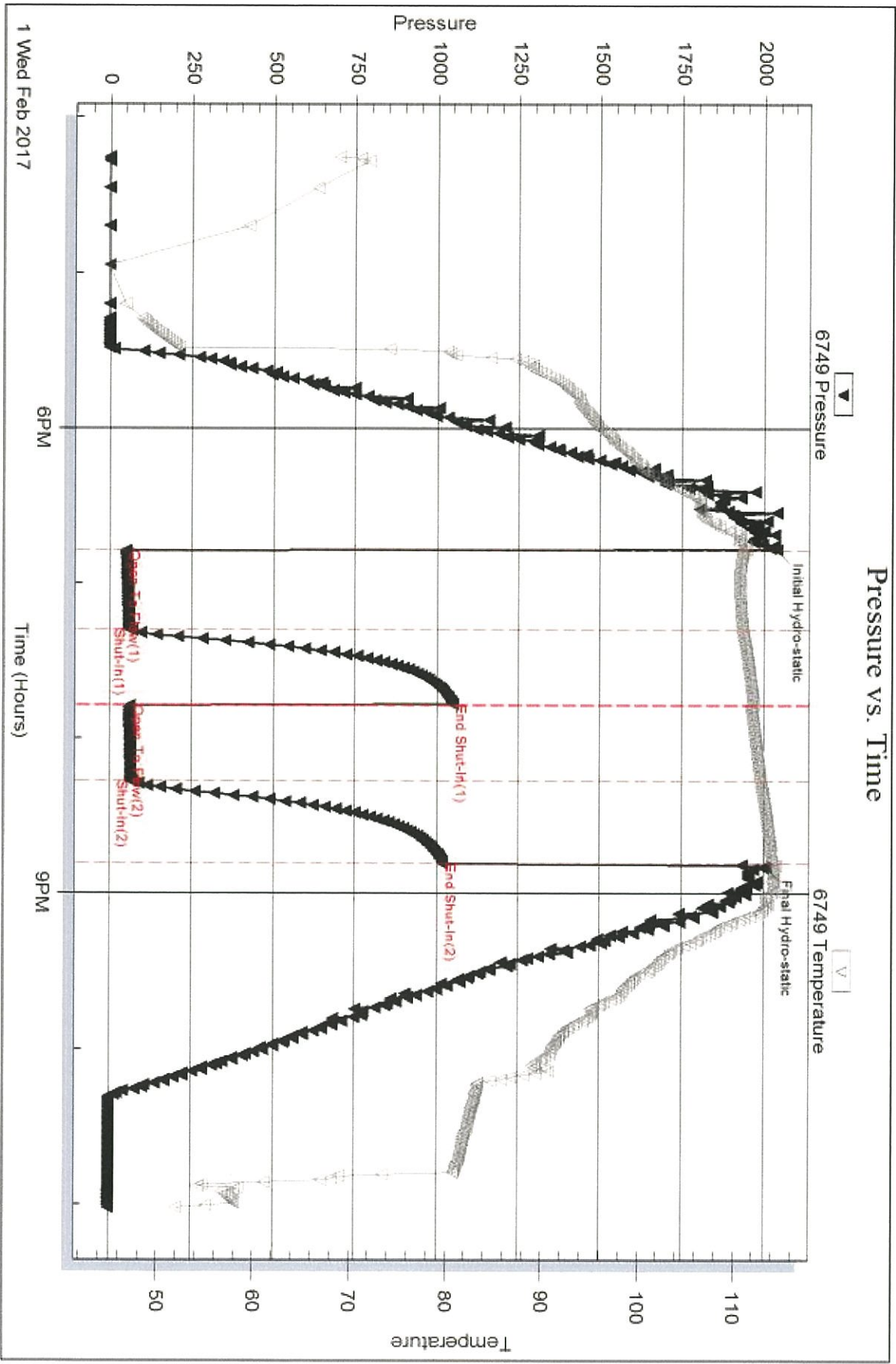
Serial #: 6749

Outside

Palomino Petroleum Inc.

Rohr #1

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 65698

Printed: 2017 02 06 @ 09:24:11

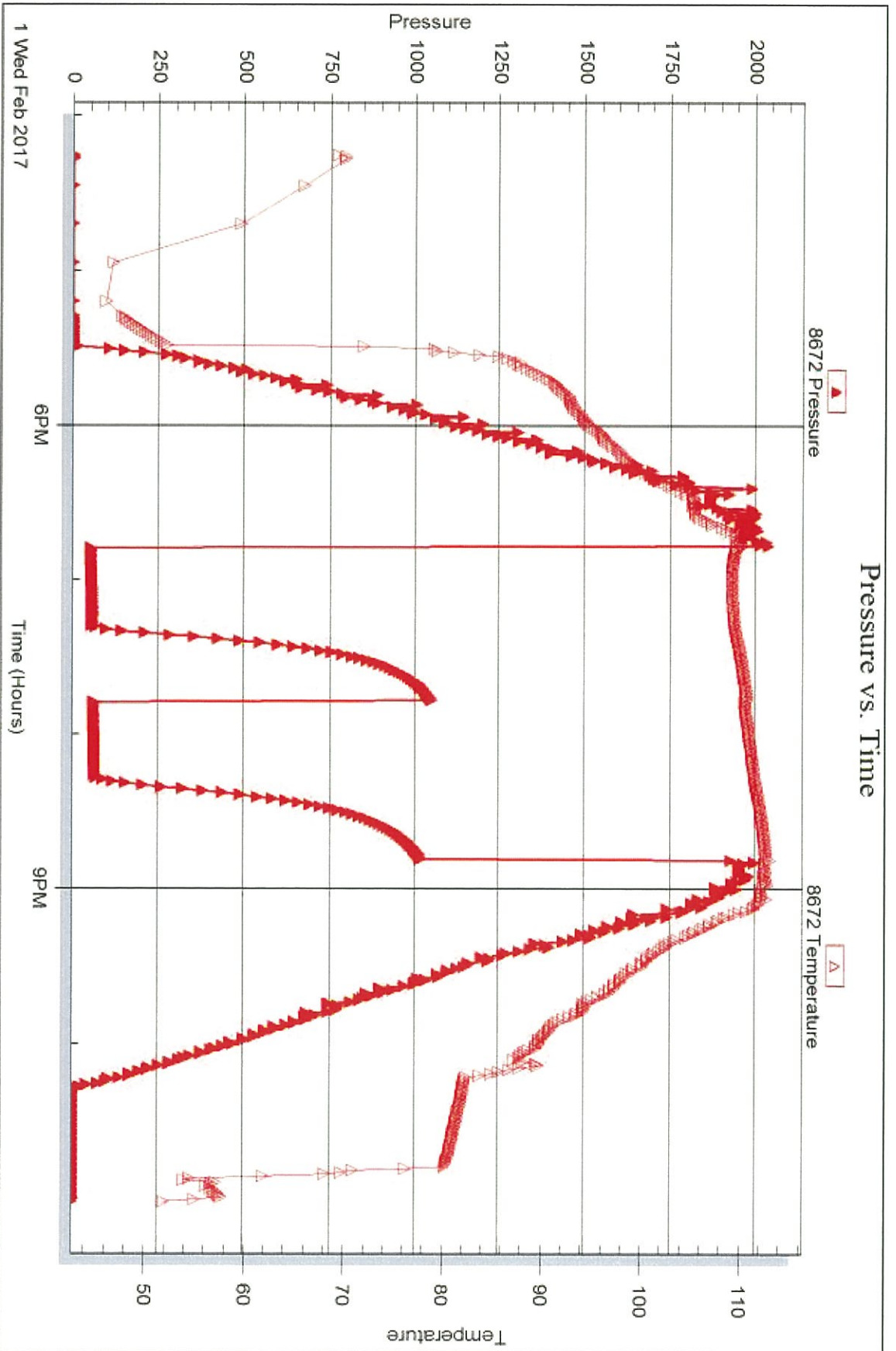
Serial #: 8672

Inside

Palomino Petroleum Inc.

Rohr #1

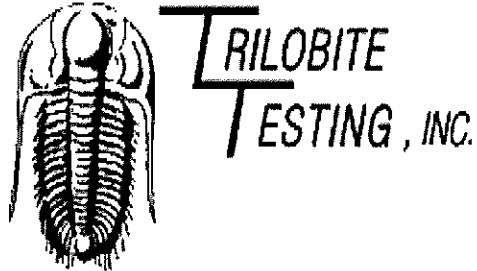
DST Test Number: 1



Tribble Testing, Inc

Ref. No: 65698

Printed: 2017 02 06 @ 09:24:11



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

Rohr #1

4-16s-27w Lane,KS

Start Date: 2017.02.02 @ 10:13:15

End Date: 2017.02.02 @ 16:36:15

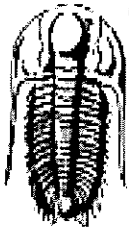
Job Ticket #: 65699 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.02.06 @ 09:23:36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65699

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.02.02 @ 10:13:15

GENERAL INFORMATION:

Formation: LKC J-K

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:31:00

Time Test Ended: 16:36:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: 4097.00 ft (KB) To 4167.00 ft (KB) (TVD)

Total Depth: 4167.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2611.00 ft (KB)

2605.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6749 Outside

Press@RunDepth: 56.39 psig @ 4138.00 ft (KB)

Start Date: 2017.02.02

End Date:

2017.02.02

Start Time: 10:13:15

End Time:

16:36:15

Capacity: 8000.00 psig

Last Calib.: 2017.02.02

Time On Btm: 2017.02.02 @ 12:30:45

Time Off Btm: 2017.02.02 @ 14:31:30

TEST COMMENT: IF: Built to 3/4" died to 1/2" blow
IS: No return blow
FF: No blow
FS: No return blow

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.75	108.08	Initial Hydro-static
1	37.20	107.46	Open To Flow (1)
31	48.86	109.34	Shut-In(1)
61	504.91	110.69	End Shut-In(1)
61	51.74	110.54	Open To Flow (2)
90	56.39	111.99	Shut-In(2)
120	484.95	113.21	End Shut-In(2)
121	2051.35	113.45	Final Hydro-static

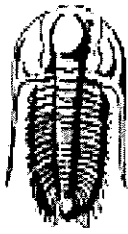
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud with oil spots	0.05

* 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.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65699

DST#: 2

ATTN: Andrew Stenzel

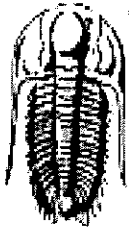
Test Start: 2017.02.02 @ 10:13:15

Tool Information

Drill Pipe:	Length: 3963.00 ft	Diameter: 3.80 inches	Volume: 55.59 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.19 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4097.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 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			4070.00	
Shut In Tool	5.00			4075.00	
Hydraulic tool	5.00			4080.00	
Jars	5.00			4085.00	
Safety Joint	3.00			4088.00	
Packer	5.00			4093.00	28.00 Bottom Of Top Packer
Packer	4.00			4097.00	
Stubb	1.00			4098.00	
Perforations	7.00			4105.00	
Change Over Sub	1.00			4106.00	
Drill Pipe	31.00			4137.00	
Change Over Sub	1.00			4138.00	
Recorder	0.00	8672	Inside	4138.00	
Recorder	0.00	6749	Outside	4138.00	
Perforations	24.00			4162.00	
Bullnose	5.00			4167.00	70.00 Bottom Packers & Anchor
Total Tool Length:	98.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65699

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.02.02 @ 10:13:15

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.54 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w ith oil spots	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

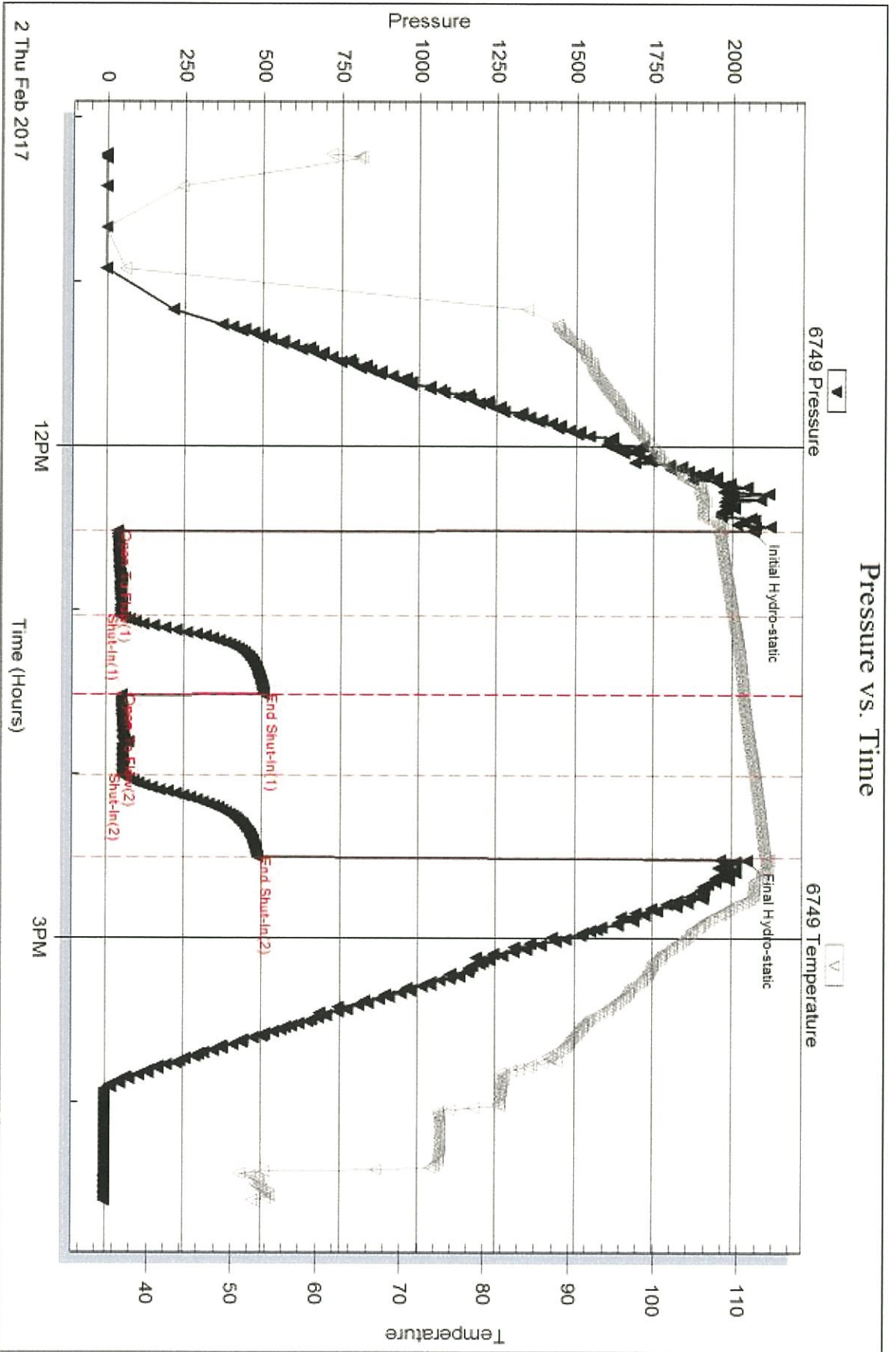
Serial #: 6749

Outside

Palomino Petroleum Inc.

Rohr #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 65699

Printed: 2017 02 06 @ 09:23:39

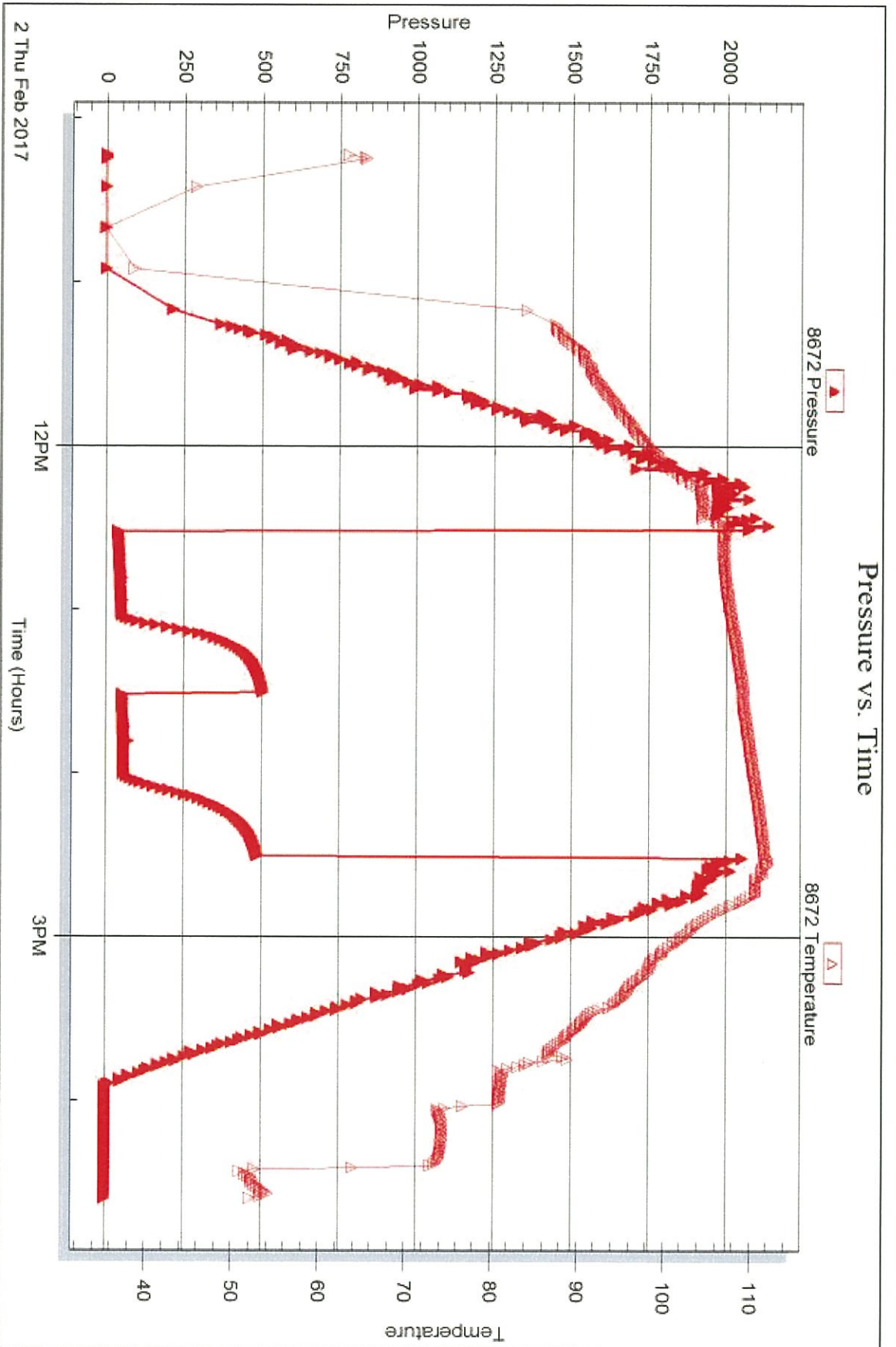
Serial #: 8672

Inside

Palomino Petroleum Inc.

Rohr #1

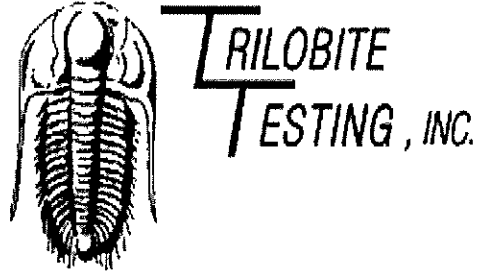
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 65699

Printed: 2017 02 06 @ 09:23:39



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

Rohr #1

4-16s-27w Lane,KS

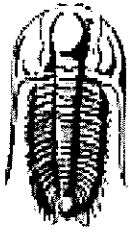
Start Date: 2017.02.03 @ 11:50:15

End Date: 2017.02.03 @ 18:00:15

Job Ticket #: 65700 DST #: 3

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

Printed: 2017.02.06 @ 09:23:10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65700

DST#: 3

ATTN: Andrew Stenzel

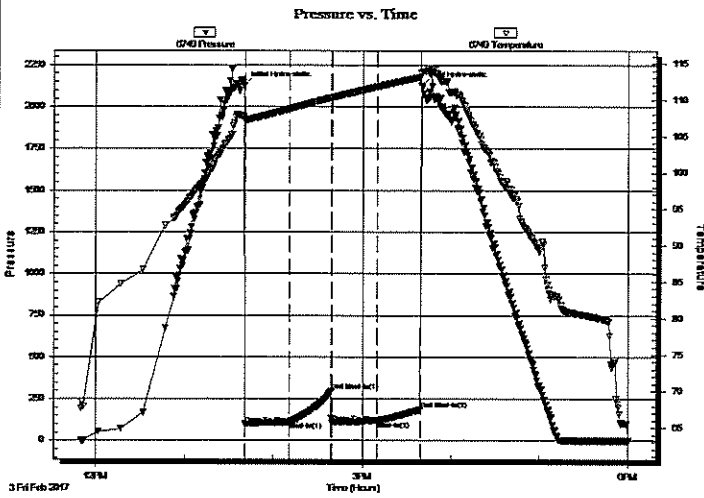
Test Start: 2017.02.03 @ 11:50:15

GENERAL INFORMATION:

Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:41:15
 Time Test Ended: 18:00:15
 Interval: **4165.00 ft (KB) To 4323.00 ft (KB) (TVD)**
 Total Depth: **4323.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 2611.00 ft (KB)
 2605.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 6749 Outside
 Press@RunDepth: 115.23 psig @ 4298.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.02.03 End Date: 2017.02.03 Last Calib.: 2017.02.03
 Start Time: 11:50:15 End Time: 18:00:15 Time On Btm: 2017.02.03 @ 13:40:45
 Time Off Btm: 2017.02.03 @ 15:39:45

TEST COMMENT: IF:Built to 1" blow
 IS:No return blow
 FF:Built to 1/8" blow
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.68	107.63	Initial Hydro-static
1	96.86	107.10	Open To Flow (1)
31	109.09	108.73	Shut-In(1)
59	296.01	110.30	End Shut-In(1)
60	106.02	110.28	Open To Flow (2)
90	115.23	111.78	Shut-In(2)
119	184.64	113.11	End Shut-In(2)
119	2127.02	113.73	Final Hydro-static

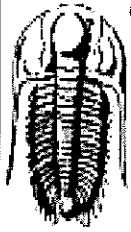
Recovery

Length (ft)	Description	Volume (bbl)
62.00	mud with oil spots in the tool	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65700

DST#: 3

ATTN: Andrew Stenzel

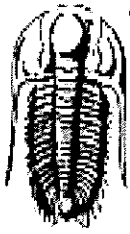
Test Start: 2017.02.03 @ 11:50:15

Tool Information

Drill Pipe:	Length: 4048.00 ft	Diameter: 3.80 inches	Volume: 56.78 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4165.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	158.00 ft			
Tool Length:	186.00 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			4138.00	
Shut In Tool	5.00			4143.00	
Hydraulic tool	5.00			4148.00	
Jars	5.00			4153.00	
Safety Joint	3.00			4156.00	
Packer	5.00			4161.00	28.00 Bottom Of Top Packer
Packer	4.00			4165.00	
Stubb	1.00			4166.00	
Perforations	5.00			4171.00	
Change Over Sub	1.00			4172.00	
Drill Pipe	125.00			4297.00	
Change Over Sub	1.00			4298.00	
Recorder	0.00	8672	Inside	4298.00	
Recorder	0.00	6749	Outside	4298.00	
Perforations	20.00			4318.00	
Bullnose	5.00			4323.00	158.00 Bottom Packers & Anchor
Total Tool Length:	186.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 65700

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2017.02.03 @ 11:50:15

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	mud w ith oil spots in the tool	0.305

Total Length: 62.00 ft Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

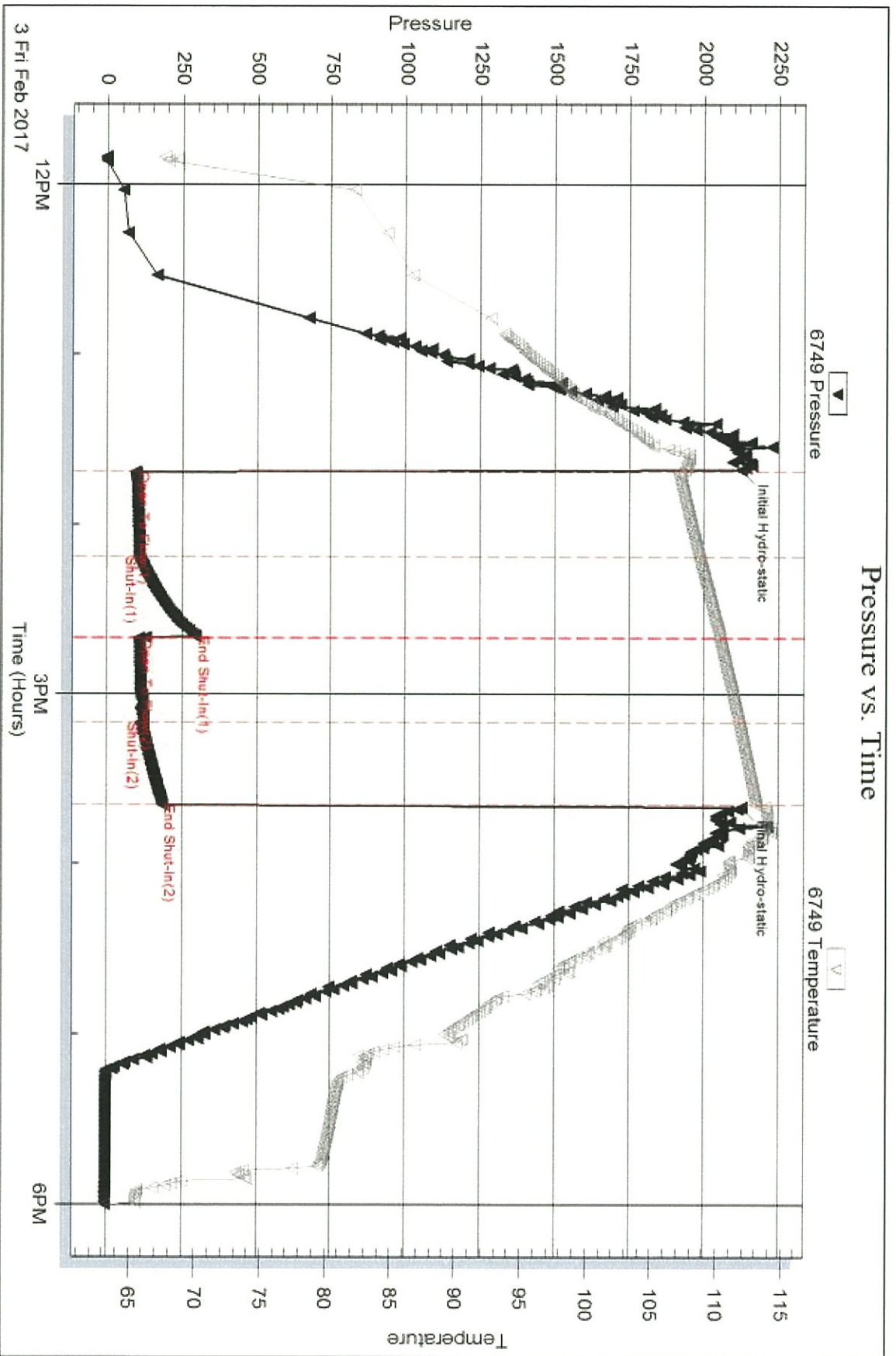
Recovery Comments:

Serial #: 6749

Outside Palomino Petroleum Inc.

Run #1

DST Test Number: 3



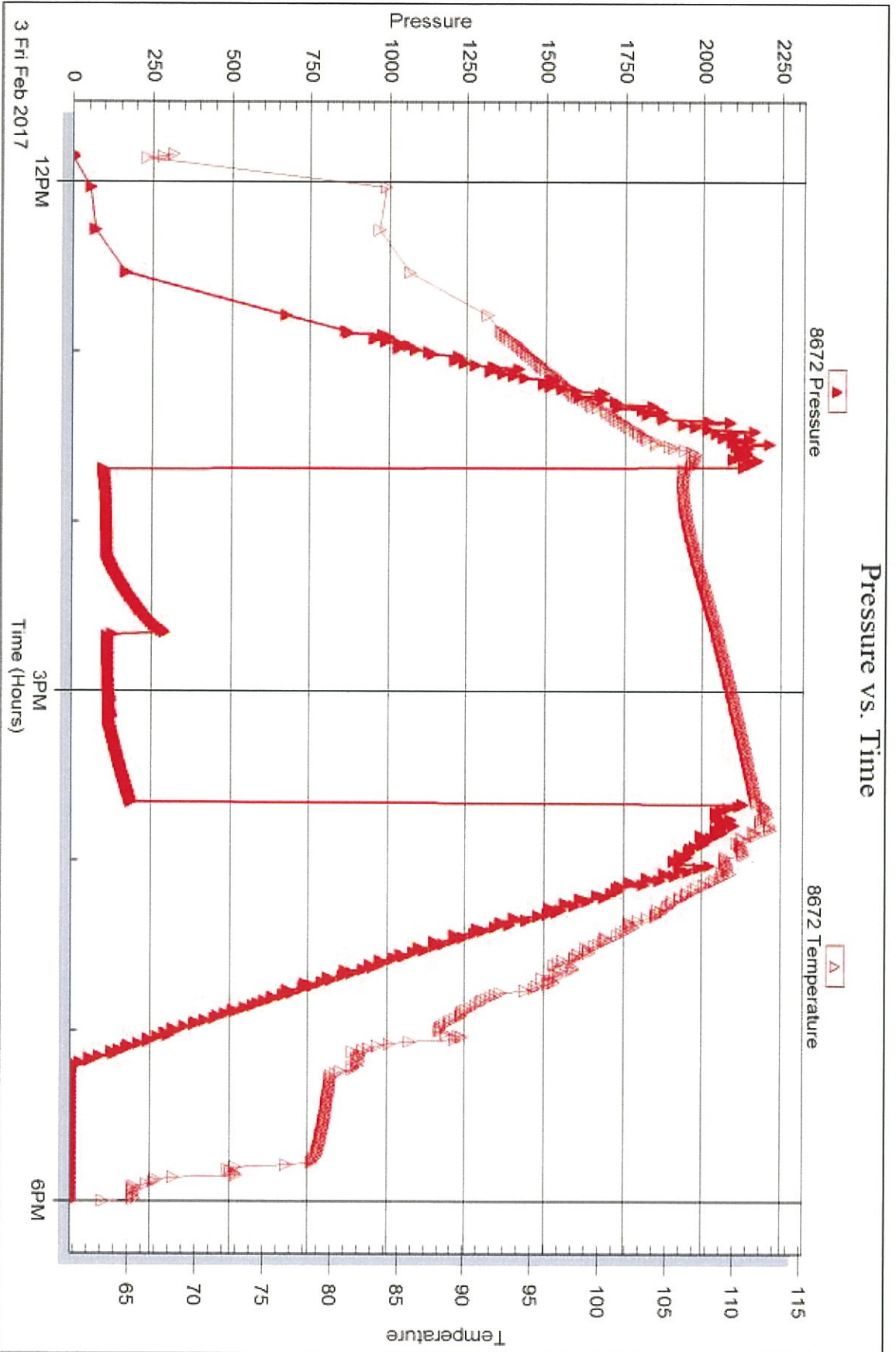
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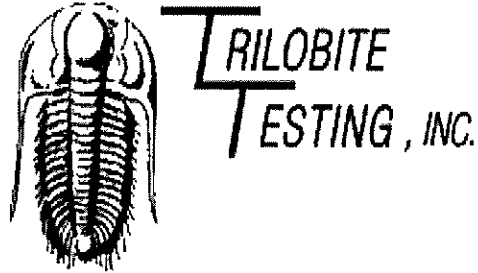
Inside

Palomino Petroleum Inc.

Rohr #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

Rohr #1

4-16s-27w Lane,KS

Start Date: 2017.02.04 @ 08:48:15

End Date: 2017.02.04 @ 14:04:00

Job Ticket #: 61326 DST #: 4

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

Printed: 2017.02.06 @ 09:16:34

Palomino Petroleum Inc. 4-16s-27w Lane,KS Rohr #1 USI # 4 F.L. Scott 2017.02.04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 61326

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2017.02.04 @ 08:48:15

GENERAL INFORMATION:

Formation: Ft. Scott

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:47:15

Time Test Ended: 14:04:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: 4315.00 ft (KB) To 4418.00 ft (KB) (TVD)

Reference Elevations: 2611.00 ft (KB)

Total Depth: 4418.00 ft (KB) (TVD)

2605.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

Serial #: 8672

Inside

Press@RunDepth: 62.77 psig @ 4386.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.02.04

End Date:

2017.02.04

Last Calib.: 2017.02.04

Start Time: 08:48:15

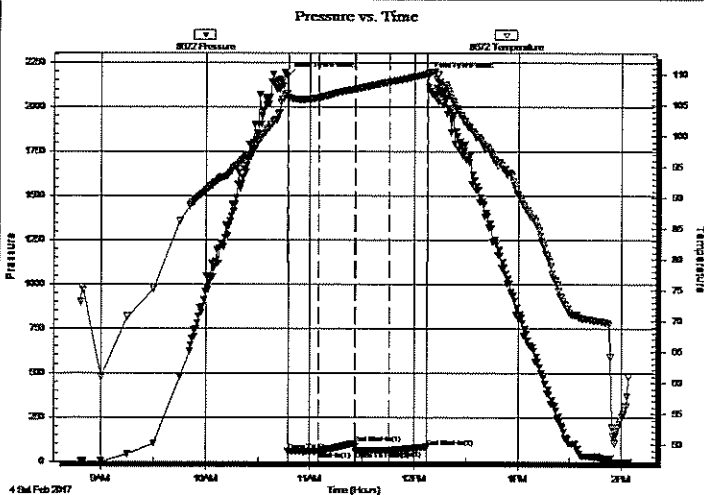
End Time:

14:04:00

Time On Btm: 2017.02.04 @ 10:47:00

Time Off Btm: 2017.02.04 @ 12:07:45

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.89	106.88	Initial Hydro-static
1	56.43	106.10	Open To Flow (1)
18	57.97	106.18	Shut-In(1)
39	103.78	107.60	End Shut-In(1)
39	59.75	107.62	Open To Flow (2)
59	62.77	108.78	Shut-In(2)
80	82.35	110.07	End Shut-In(2)
81	2171.23	110.14	Final Hydro-static

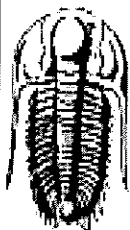
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil spots 100% m	0.02

* 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.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 61326

DST#: 4

ATTN: Andrew Stenzel

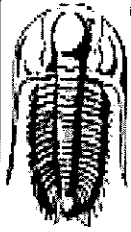
Test Start: 2017.02.04 @ 08:48:15

Tool Information

Drill Pipe:	Length: 4173.00 ft	Diameter: 3.80 inches	Volume: 58.54 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4315.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	103.00 ft			
Tool Length:	131.00 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			4288.00	
Shut In Tool	5.00			4293.00	
Hydraulic tool	5.00			4298.00	
Jars	5.00			4303.00	
Safety Joint	3.00			4306.00	
Packer	5.00			4311.00	28.00 Bottom Of Top Packer
Packer	4.00			4315.00	
Stubb	1.00			4316.00	
Perforations	5.00			4321.00	
Change Over Sub	1.00			4322.00	
Drill Pipe	63.00			4385.00	
Change Over Sub	1.00			4386.00	
Recorder	0.00	8672	Inside	4386.00	
Recorder	0.00	6749	Outside	4386.00	
Perforations	27.00			4413.00	
Bullnose	5.00			4418.00	103.00 Bottom Packers & Anchor
Total Tool Length:	131.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 61326

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2017.02.04 @ 08:48:15

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: 67.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud w with oil spots 100%m	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 #: 8672

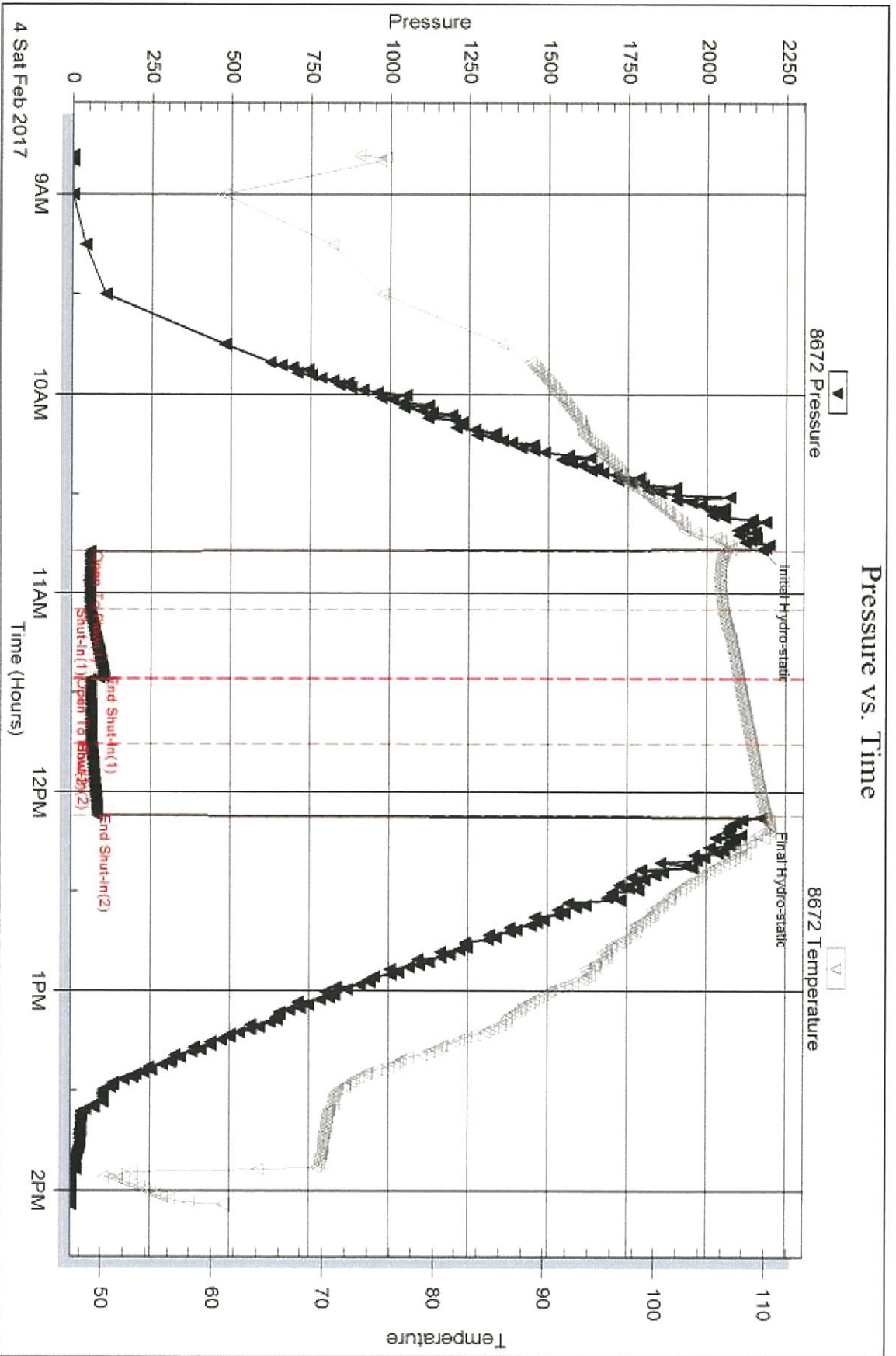
Inside

Palomino Petroleum Inc.

Roitr #1

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 61326

Printed: 2017 02 06 @ 09:16:34

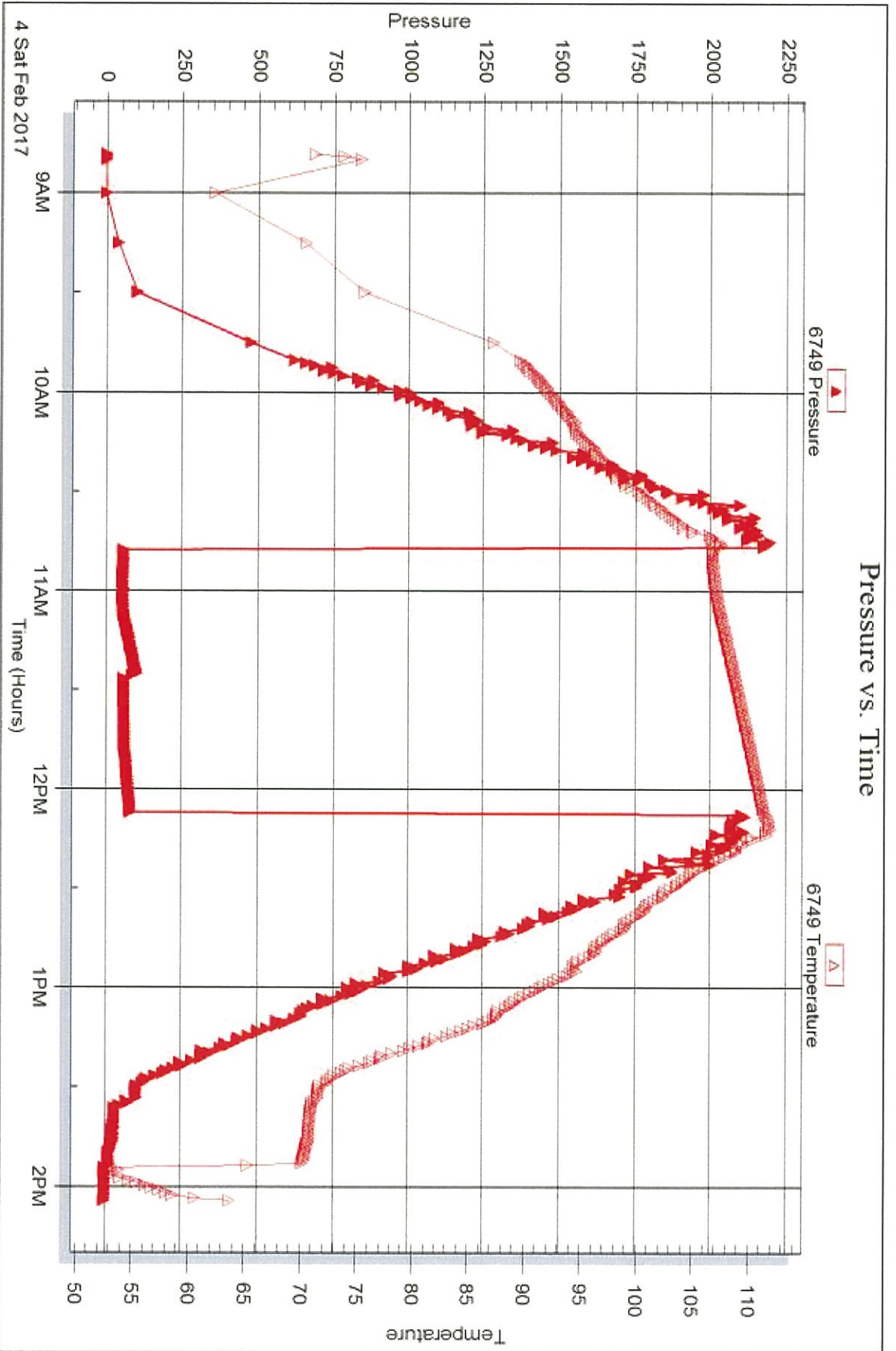
Serial #: 6749

Outside

Palomino Petroleum Inc.

Rohr #1

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 61326

Printed 2017 02 06 @ 09:16:34



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St.
Newton KS 67114

ATTN: Andrew Stenzel

Rohr #1

4-16s-27w Lane,KS

Start Date: 2017.02.05 @ 17:52:15

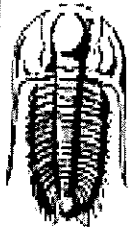
End Date: 2017.02.06 @ 00:45:15

Job Ticket #: 61327 DST #: 5

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

Printed: 2017.02.06 @ 09:14:49

Palomino Petroleum Inc. 4-16s-27w Lane,KS Rohr #1 DST # 5 Cherokee 2017.02.05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 61327

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2017.02.05 @ 17:52:15

GENERAL INFORMATION:

Formation: Cherokee

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:00

Time Test Ended: 00:45:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: 4394.00 ft (KB) To 4490.00 ft (KB) (TVD)

Total Depth: 4490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2611.00 ft (KB)

2605.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6749 Outside

Press@RunDepth: 65.51 psig @ 4461.00 ft (KB)

Start Date: 2017.02.05

End Date:

2017.02.06

Start Time: 17:52:15

End Time:

00:45:15

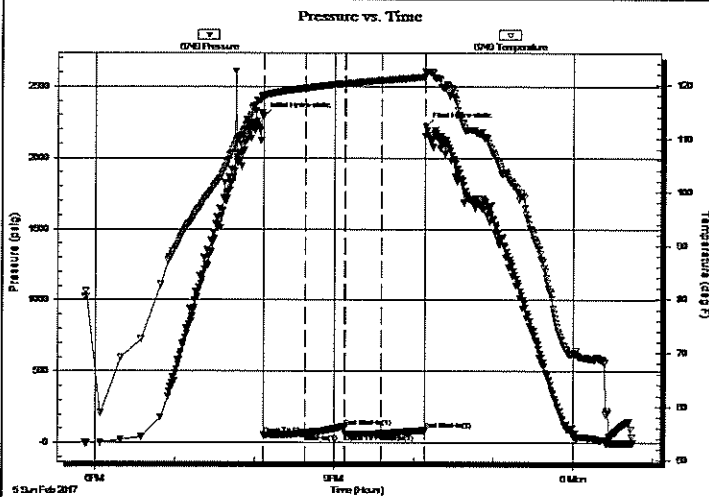
Capacity: 8000.00 psig

Last Calib.: 2017.02.06

Time On Btm: 2017.02.05 @ 20:06:45

Time Off Btm: 2017.02.05 @ 22:08:45

TEST COMMENT: IF: Built to 1/4" blow
IS: No return blow
FF: No blow
FS: No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2286.82	118.12	Initial Hydro-static
1	56.52	117.56	Open To Flow (1)
32	60.76	119.39	Shut-In(1)
61	108.93	120.23	End Shut-In(1)
62	63.49	120.23	Open To Flow (2)
89	65.51	120.87	Shut-In(2)
121	87.30	121.55	End Shut-In(2)
122	2220.74	122.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil spots in tool	0.02

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 61327

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2017.02.05 @ 17:52:15

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:00

Time Test Ended: 00:45:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: **4394.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Total Depth: 4490.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2611.00 ft (KB)

2605.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: **8672** Inside

Press@RunDepth: psig @ 4461.00 ft (KB)

Start Date: 2017.02.05

End Date:

2017.02.06

Start Time: 17:52:15

End Time:

00:45:00

Capacity: 8000.00 psig

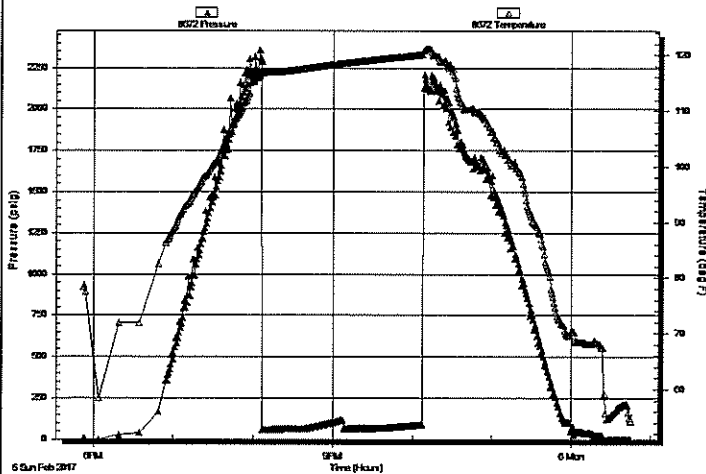
Last Calib.: 2017.02.06

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Built to 1/4" 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

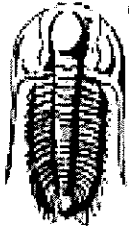
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil spots in tool	0.02

* 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 St.
New ton KS 67114

ATTN: Andrew Stenzel

4-16s-27w Lane,KS

Rohr #1

Job Ticket: 61327

DST#: 5

Test Start: 2017.02.05 @ 17:52:15

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:00

Time Test Ended: 00:45:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: **4394.00 ft (KB) To 4490.00 ft (KB) (TVD)**

Total Depth: **4490.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **2611.00 ft (KB)**

2605.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 8647 Below (Straddle)

Press@RunDepth: psig @ **4620.00 ft (KB)**

Start Date: **2017.02.05**

End Date:

2017.02.06

Capacity: **8000.00 psig**

Last Calib.:

2017.02.06

Start Time: **17:52:01**

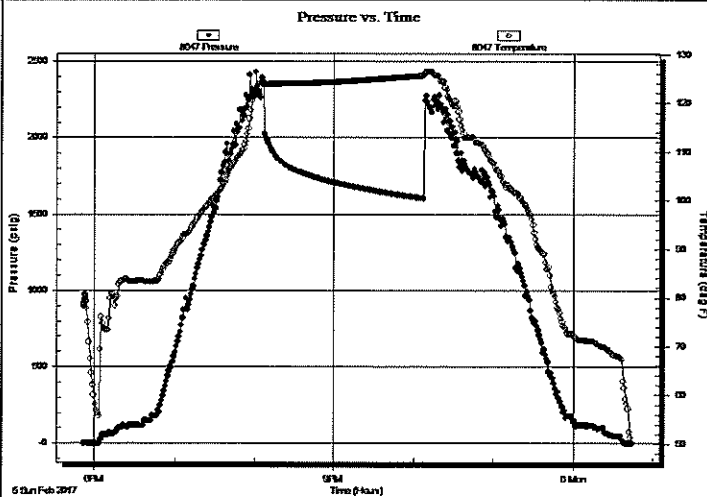
End Time:

00:44:45

Time On Btm:

Time Off Btm:

TEST COMMENT: IF:Built to 1/4" blow
IS:No return blow
FF:No blow
FS:No return blow



PRESSURE SUMMARY

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

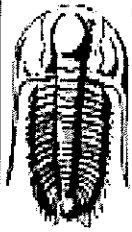
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud with oil spots in tool	0.02

* 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.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 61327

DST#: 5

ATTN: Andrew Stenzel

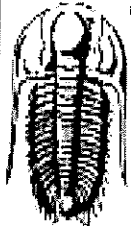
Test Start: 2017.02.05 @ 17:52:15

Tool Information

Drill Pipe:	Length: 4259.00 ft	Diameter: 3.80 inches	Volume: 59.74 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: 25000.00 lb
Drill Collar:	Length: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 60.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4394.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	232.00 ft			
Tool Length:	260.00 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			4367.00	
Shut In Tool	5.00			4372.00	
Hydraulic tool	5.00			4377.00	
Jars	5.00			4382.00	
Safety Joint	3.00			4385.00	
Packer	5.00			4390.00	28.00 Bottom Of Top Packer
Packer	4.00			4394.00	
Stubb	1.00			4395.00	
Perforations	2.00			4397.00	
Change Over Sub	1.00			4398.00	
Drill Pipe	62.00			4460.00	
Change Over Sub	1.00			4461.00	
Recorder	0.00	8672	Inside	4461.00	
Recorder	0.00	6749	Outside	4461.00	
Perforations	25.00			4486.00	
Blank Off Sub	1.00			4487.00	232.00 Tool Interval
Packer	3.00			4490.00	
Stubb	1.00			4491.00	
Perforations	3.00			4494.00	
Change Over Sub	1.00			4495.00	
Drill Pipe	125.00			4620.00	
Recorder	0.00	8647	Below	4620.00	
Change Over Sub	1.00			4621.00	
Bullnose	5.00			4626.00	1000259.00 Bottom Packers & Anchor
Total Tool Length:	260.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

4-16s-27w Lane, KS

4924 SE 84th St.
New ton KS 67114

Rohr #1

Job Ticket: 61327

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2017.02.05 @ 17:52:15

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: 50.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	mud w ith oil spots in tool	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:

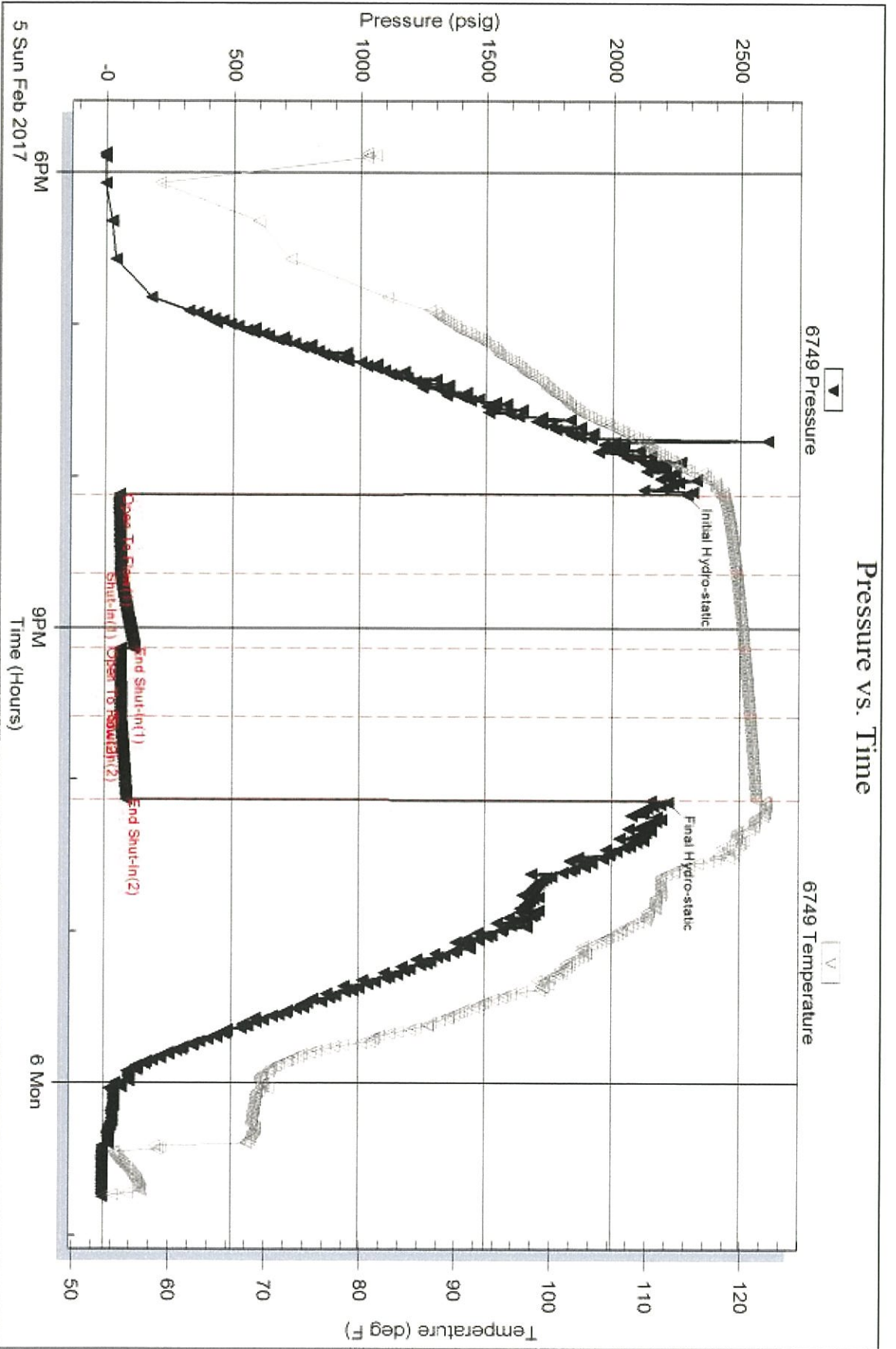
Serial #: 6749

Outside

Palomino Petroleum Inc.

Rohr #1

DST Test Number: 5



Tricoble Testing, Inc

Ref. No: 61327

Printed: 2017 02 06 @ 09:14:50

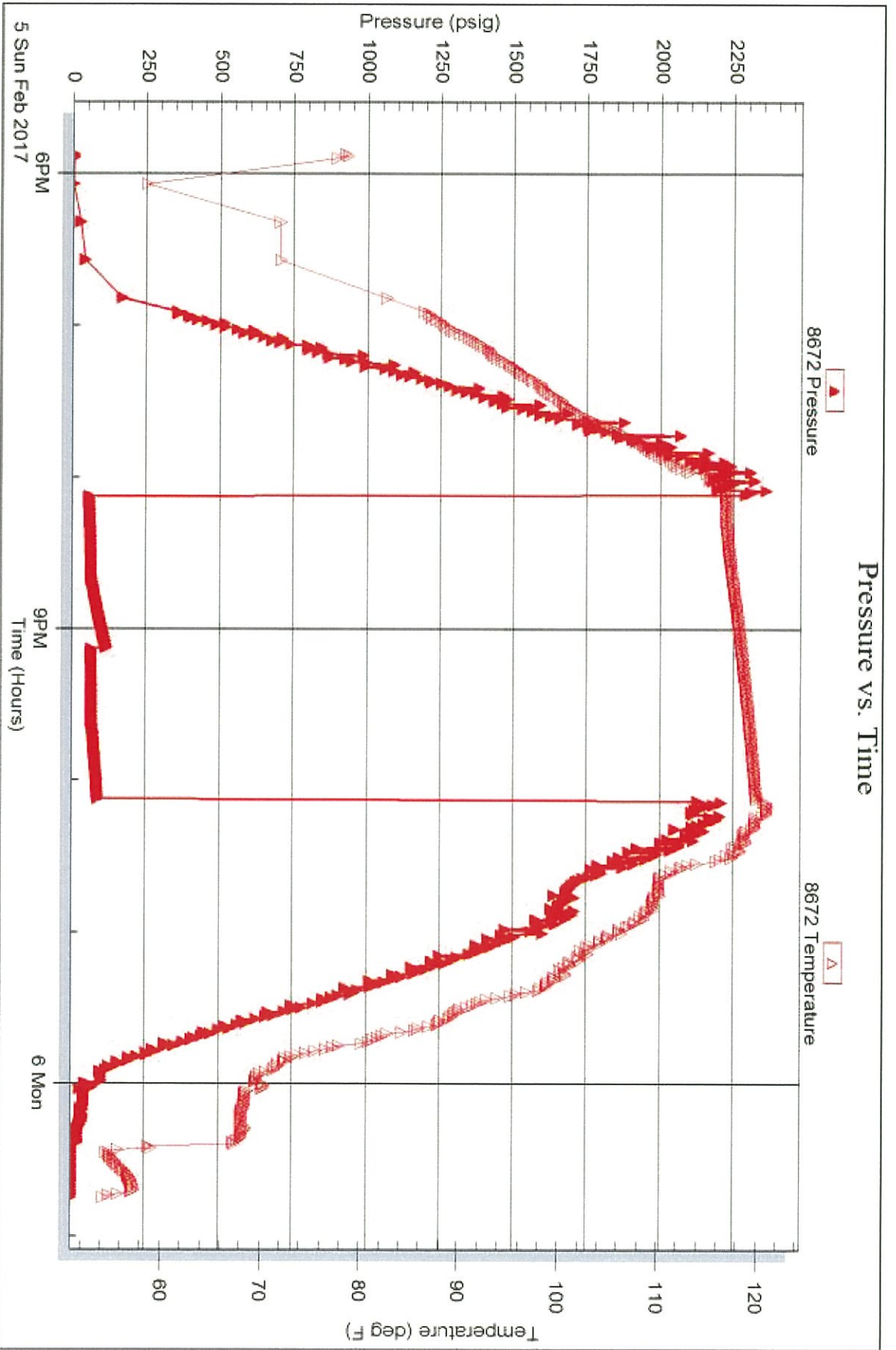
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Inside

Palomino Petroleum Inc.

Rohr #1

DST Test Number: 5



Tricoble Testing, Inc

Ref. No: 61327

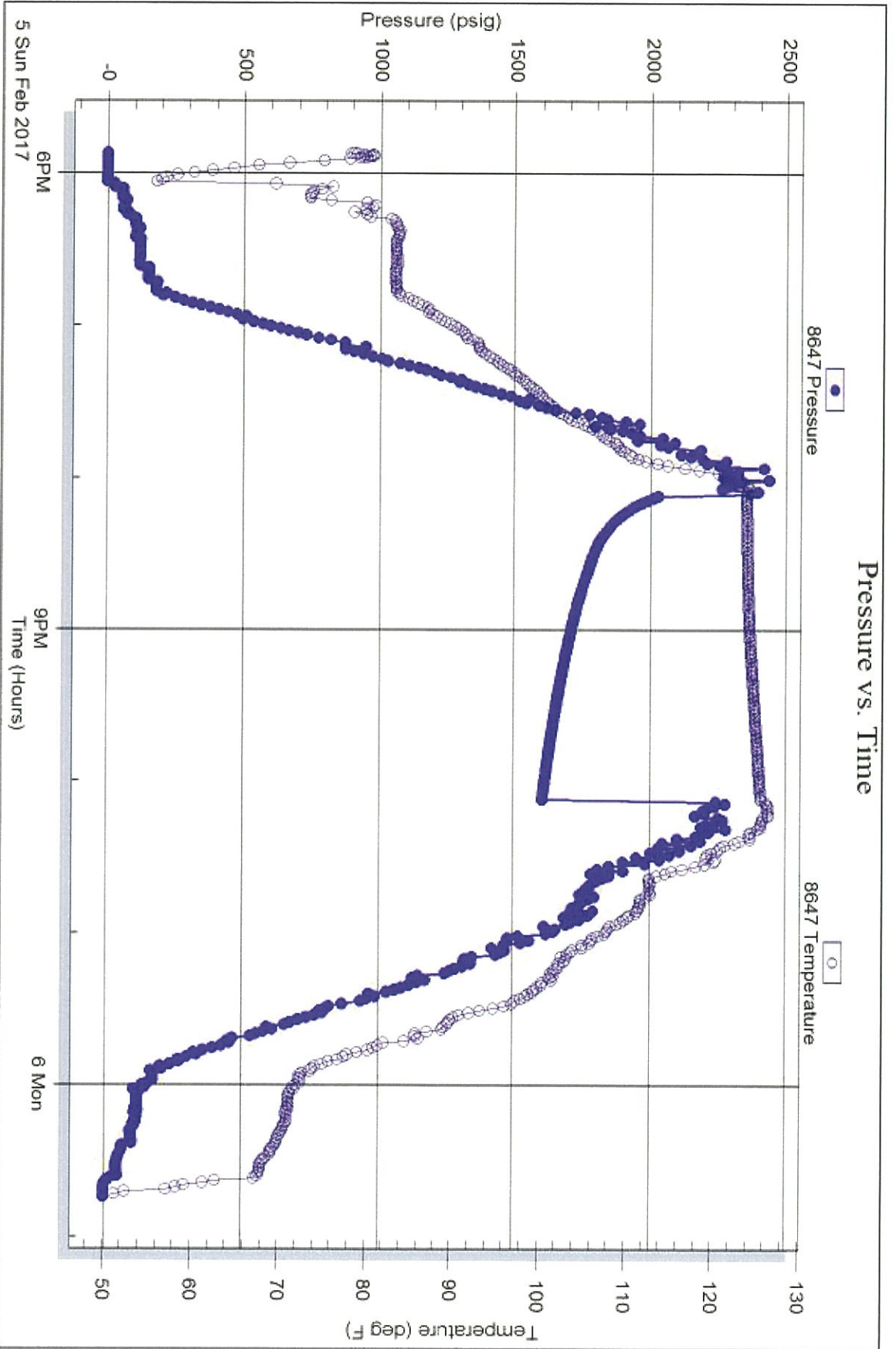
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Serial #: 8647

Below (Str Rattenho Petroleum Inc.

Rohr #1

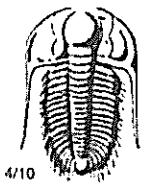
DST Test Number: 5



Tricobite Testing, Inc

Ref. No: 61327

Printed: 2017.02.06 @ 09:14:50



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65698

Well Name & No. Rohr #1 Test No. 1 Date 2-1-17
 Company Palomino Petroleum Inc Elevation 2611 KB 2605 GL
 Address 4924 SE 84th St Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW12
 Location: Sec. 4 Twp. 16S Rge. 27W Co. Lane State KS

Interval Tested 4029-4096 Zone Tested H-T
 Anchor Length 67 Drill Pipe Run 3891 Mud Wt. 9.1
 Top Packer Depth 4024 Drill Collars Run 121 Vis 55
 Bottom Packer Depth 4029 Wt. Pipe Run Ø WL 7.4
 Total Depth 4096 Chlorides 4500 ppm System LCM 2
 Blow Description IF: Built to 3/4" Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

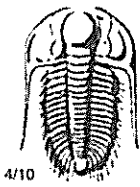
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>MUD</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 114 Gravity — API RW — @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 2038 Test \$ 1150.00/- T-On Location 14:15
 (B) First Initial Flow 50 Jars " 250.00/- T-Started 16:15
 (C) First Final Flow 56 Safety Joint " 75.00/- T-Open 18:46
 (D) Initial Shut-In 1050 Circ Sub NC T-Pulled 20:46
 (E) Second Initial Flow 61 Hourly Standby — T-Out 23:01
 (F) Second Final Flow 64 Mileage 100.125 # 75.00/- Comments —
 (G) Final Shut-In 1019 Sampler —
 (H) Final Hydrostatic 2006 Straddle —
 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 \$ 1550.00/-

Approved By — Our Representative Mike Roberts

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65699

Well Name & No. Robt #1 Test No. 2 Date 2-2-17
 Company Palomino Petroleum Inc Elevation 2611 KB 2605 GL
 Address 4924 SE 84¹/₂ St. Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW 12
 Location: Sec. 4 Twp. 16S Rge. 27W Co. Lane State KS

Interval Tested 4097 - 4167 Zone Tested J-K
 Anchor Length 70 Drill Pipe Run 3963 Mud Wt. 9.1
 Top Packer Depth 4092 Drill Collars Run 121 Vis 55
 Bottom Packer Depth 4097 Wt. Pipe Run Ø WL 7.6
 Total Depth 4167 Chlorides 4500 ppm System LCM 2
 Blow Description IF: Built to 3/4" died to 1/2" Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</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

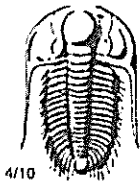
Rec Total 10 BHT 112 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2066 Test \$1150.00/- T-On Location 09:15
 (B) First Initial Flow 37 Jars \$250.00/- T-Started 10:13
 (C) First Final Flow 48 Safety Joint \$75.00/- T-Open 12:30
 (D) Initial Shut-In 504 Circ Sub NC T-Pulled 14:30
 (E) Second Initial Flow 51 Hourly Standby _____ T-Out 16:36
 (F) Second Final Flow 56 Mileage 100 RT = \$75.00/- Comments _____
 (G) Final Shut-In 484 Sampler _____
 (H) Final Hydrostatic 2051 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total \$1550.00/-

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 _____ Our Representative Mike Roberts
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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65700

Well Name & No. Rohr #1 Test No. 3 Date 2-3-17
 Company Palomino Petroleum Inc Elevation 2611 KB 2605 GL
 Address 4924 SE 84th St, Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW12
 Location: Sec. 4 Twp. 16S Rge. 27W Co. Lane State KS

Interval Tested 4165-4323 Zone Tested Marmaton
 Anchor Length 158 Drill Pipe Run 4048 Mud Wt. 9.1
 Top Packer Depth 4160 Drill Collars Run 121 Vis 50
 Bottom Packer Depth 4165 Wt. Pipe Run 6 WL 7.8
 Total Depth 4323 Chlorides 5000 ppm System LCM 2

Blow Description IF: Built to 1" Blow
IS: No Return Blow
FF: Built to 1/8" Blow
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>mud with oil spots in</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 62 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

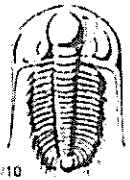
(A) Initial Hydrostatic <u>2126</u>	<input checked="" type="checkbox"/> Test <u>\$1150.00/-</u>	T-On Location <u>08:53</u>
(B) First Initial Flow <u>96</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>11:50</u>
(C) First Final Flow <u>109</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>13:40</u>
(D) Initial Shut-In <u>296</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>15:40</u>
(E) Second Initial Flow <u>106</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>18:00</u>
(F) Second Final Flow <u>115</u>	<input checked="" type="checkbox"/> Mileage <u>100RT = \$75.00/-</u>	Comments
(G) Final Shut-In <u>184</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2127</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

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

Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1550
 MP/DST Disc't
 Sub Total \$1550.00/-

Approved By _____ Our Representative M. Rohrbach

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61326

Well Name & No. Rohr #1 Test No. 4 Date 2-4-17
 Company Palomino Petroleum Inc Elevation 2611 KB 2605 GL
 Address 4924 SE 84th St. Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW 12
 Location: Sec. 4 Twp. 16S Rge. 27W Co. Lave State KS

Interval Tested 4315-4418 Zone Tested Marmaton
 Anchor Length 103 Drill Pipe Run 4173 Mud Wt. 9.3
 Top Packer Depth 4310 Drill Collars Run 121 Vis 67
 Bottom Packer Depth 4315 Wt. Pipe Run 0 WL 7.2
 Total Depth 4418 Chlorides 5200 ppm System LCM 2
 Blow Description IF: Built to ~~blow~~ Blow
IS: No Return Blow
FF: No Blow
FS: No Return Blow

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

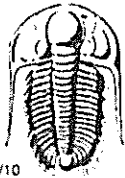
Rec Total 5 BHT 114 Gravity — API RW — @ — F Chlorides — ppm
 (A) Initial Hydrostatic 2175 Test \$150.00/- T-On Location 07:45
 (B) First Initial Flow 56 Jars \$250.00/- T-Started 08:48
 (C) First Final Flow 57 Safety Joint \$75.00/- T-Open 10:45
 (D) Initial Shut-In 103 Circ Sub NC T-Pulled 12:05
 (E) Second Initial Flow 59 Hourly Standby — T-Out 14:04
 (F) Second Final Flow 62 Mileage 100LT = \$75.00/- Comments —
 (G) Final Shut-In 82 Sampler —
 (H) Final Hydrostatic 2171 Straddle —
 Shale Packer —
 Extra Packer —
 Extra Recorder —
 Day Standby —
 Accessibility —
 Ruined Shale Packer —
 Ruined Packer —
 Extra Copies —

Initial Open 20
 Initial Shut-In 20
 Final Flow 20
 Final Shut-In 20
 Sub Total 0
 Total 1550
 MP/DST Disc't —
 Sub Total \$1550.00/-

Approved By _____ Our Representative Mike Rohrb

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.

8647 - Straddle



4/10

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61327

Well Name & No. Rohr #1 Test No. 5 Date 2-5-17
 Company Palomino Petroleum Inc Elevation 2611 KB 2605 GL
 Address 4924 SE 84th St, Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW12
 Location: Sec. 4 Twp. 16S Rge. 27W Co. Lane State KS

Interval Tested 4394-4490 -4626 Zone Tested Cherokee
 Anchor Length 96 Drill Pipe Run 4259 Mud Wt. 9.3
 Top Packer Depth 4289 Drill Collars Run 121 Vis 50
 Bottom Packer Depth 4394 Wt. Pipe Run 0 WL 8.0
 Total Depth 4626 Chlorides 3600 ppm System LCM 2

Blow Description IF: Built to 1/4" Blow
IS: NO Return Blow
FP: NO Blow
FS: NO Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Feet of MUD with oil spots in tool</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 2286 Test 1150.00/- T-On Location 16:30
 (B) First Initial Flow 56 Jars 250.00/- T-Started 17:52
 (C) First Final Flow 60 Safety Joint 75.00/- T-Open 20:05
 (D) Initial Shut-In 108 Circ Sub N.C. T-Pulled 22:05
 (E) Second Initial Flow 63 Hourly Standby _____ T-Out 00:45
 (F) Second Final Flow 65 Mileage 100RT = 475.00/- Comments _____
 (G) Final Shut-In 87 Sampler _____
 (H) Final Hydrostatic 2220 Straddle 1600.00/- Ruined Shale Packer _____

Initial Open 30 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Packer _____ Extra Copies _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 30 Day Standby _____ Total 2150
 Accessibility _____ MP/DST Disc't _____
 Sub Total 12150.00/-

Approved By _____ Our Representative Mike Roberts

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