



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: 6/20/2017
 Invoice # 1884

P.O.#:
 Due Date: 7/20/2017
 Division: Russell

RECEIVED
 JUN 22 2017

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:

4924 SE 84th
 Newton Ks 67114

Reference: DIETZ-3 Groom-Albin #1

Description of Work:
 PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 601.97	Yes				
Common-Class A	144	\$ 1,612.80	Yes				
POZ Mix-Standard	96	\$ 453.40	Yes				
Premium Gel (Bentonite)	9	\$ 176.10	Yes				
Bulk Truck Matl-Material Service Charge	249	\$ 168.00	Yes				
Pump Truck Mileage-Job to Nearest Camp	49	\$ 148.77	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	49	\$ 115.71	Yes				
Flo Seal	60	\$ 80.96	Yes				
Dry Hole Plug	1	\$ 37.78	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 3,395.49
 Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (84.89)

SubTotal for Taxable Items:	\$ 3,310.60
SubTotal for Non-Taxable Items:	\$ -
Total:	\$ 3,310.60
Tax:	\$ 281.40

8.50% Gove County Sales Tax

Thank You For Your Business!

Amount Due: \$ 3,592.00
Applied Payments:
Balance Due: \$ 3,592.00

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. 1884

Date	6-20-17	Sec.	25	Twp.	14	Range	27	County	Gove	State	KS	On Location		Finish	11:30 AM
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Location Quinter 16 S to Rd J 1 1/2 W

Lease	<u>Groom Albin</u>	Well No.	<u>#1</u>	Owner	
-------	--------------------	----------	-----------	-------	--

Contractor	<u>WW 4</u>		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	<u>Plug</u>		Charge To <u>Palomino Petroleum</u>
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Hole Size	<u>7 7/8</u>	T.D.	
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Csg.	<u>Drill Pipe</u>	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	<u>240</u> ^{60/40} <u>40</u> ^{6el} <u>1/4</u> ^{6/6}
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Meas Line		Displace	
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EQUIPMENT

Pumptrk	<u>5</u>	No.	Cementer	Common	<u>144</u>
			Helper	Poz. Mix	<u>96</u>
Bulktrk	<u>15</u>	No.	Driver	Gel.	<u>9</u>
			Driver	Calcium	
Bulktrk		No.	Driver		
			Driver		

JOB SERVICES & REMARKS

Remarks:		Hulls	
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Rat Hole	<u>- 30 sx</u>	Salt	
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Mouse Hole		Flowseal	<u>60#</u>
------------	--	----------	------------

Centralizers		Kol-Seal	
--------------	--	----------	--

Baskets		Mud CLR 48	
---------	--	------------	--

DV or Port Collar		CFL-117 or CD110 CAF 38	
-------------------	--	-------------------------	--

<u>1st 1930 w/ 50 sx</u>		Sand	
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<u>2nd 930 w/ 100 sx</u>		Handling	<u>249</u>
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<u>3rd 280 w/ 50 sx</u>		Mileage	<u>8 5/9</u> FLOAT EQUIPMENT
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<u>4th 40 w/ 10 sx</u>		Guide Shoe	
------------------------	--	------------	--

		Centralizer	
--	--	-------------	--

		Baskets	
--	--	---------	--

		AFU Inserts	
--	--	-------------	--

		Float Shoe	
--	--	------------	--

		Latch Down	
--	--	------------	--

		Wood Plug = 1	
--	--	---------------	--

		Pumptrk Charge	<u>plug</u>
--	--	----------------	-------------

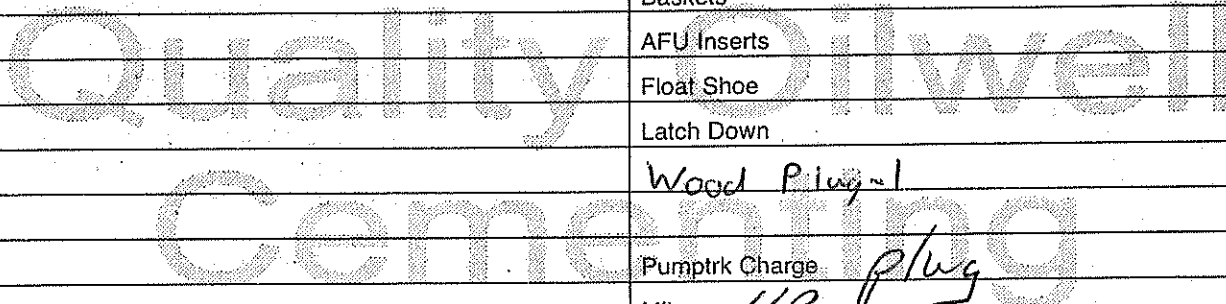
		Mileage	<u>49</u>
--	--	---------	-----------

		Tax	
--	--	-----	--

		Discount	
--	--	----------	--

		Total Charge	
--	--	--------------	--

X Signature [Handwritten 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
 JUN 19 2017

Date: 6/13/2017
 Invoice # 1564
 P.O.#:
 Due Date: 7/13/2017
 Division: Russell

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:

4924 SE 84th
 Newton Ks 67114

Reference:
 GROOM ALBIN 1 SEC 25-14-27

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 601.97	No				
Common-Class A	120	\$ 1,344.00	Yes				
Calcium Chloride	6	\$ 226.70	Yes				
POZ Mix-Standard	30	\$ 141.69	Yes				
Pump Truck Mileage-Job to Nearest Camp	49	\$ 148.77	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	49	\$ 115.71	No				
Bulk Truck Matl-Material Service Charge	159	\$ 107.28	No				
Premium Gel (Bentonite)	3	\$ 58.70	Yes				
Sugar	25	\$ 10.12	Yes				

Invoice Terms:

Net 30

	<i>SubTotal:</i>	\$ 2,754.93
	<i>Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:</i>	\$ (68.87)
<hr/>		
	SubTotal for Taxable Items:	\$ 1,736.67
	SubTotal for Non-Taxable Items:	\$ 949.38
<hr/>		
	Total:	\$ 2,686.06
	Tax:	\$ 147.62
<hr/>		
	8.50% Gove County Sales Tax	

Thank You For Your Business!

Amount Due:	\$ 2,833.68
Applied Payments:	
Balance Due:	\$ 2,833.68

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.

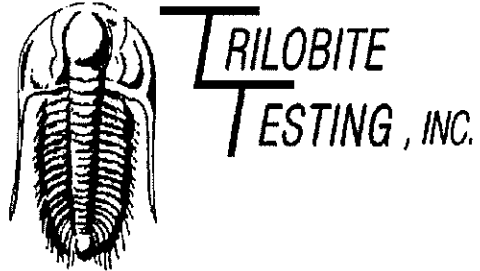
Federal Tax I.D.# 20-2886107

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

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

No. 1564

Date	6-13-17	Sec.	25	Twp.	14	Range	27	County	Cove	State	KS	On Location		Finish	12:30 AM
Lease								Cove		1/2 S 2W		Well No. 1			
Contractor								WW #8		Owner					
Type Job								Surface		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				12 1/4				T.D.		219					
Csg.				8 5/8				Depth		218					
Tbg. Size								Depth							
Tool								Depth							
Cement Left in Csg.				10'				Shoe Joint		Cement Amount Ordered 150 80/20 3 1/4 2 1/2 GR					
Meas Line								Displace		1336					
EQUIPMENT															
Pumptrk		5		No.		Cement		Helper		25# Sugar		Common			
Bulktrk				No.		Driver		Driver		120		Poz. Mix			
Bulktrk		15		No.		Driver		Driver		30		Gel.			
Bulktrk				No.		Driver		Driver		3		Calcium			
Bulktrk				No.		Driver		Driver		6		Hulls			
JOB SERVICES & REMARKS															
Remarks:								Salt Sugar 25#							
Rat Hole								Flowseal							
Mouse Hole								Kol-Seal							
Centralizers								Mud CLR 48							
Baskets								CFL-117 or CD110 CAF 38							
D/V or Port Collar								Sand							
Cement Circulated!								Handling 139							
								Mileage							
FLOAT EQUIPMENT															
Guide Shoe															
Centralizer															
Baskets															
AFU Inserts															
Float Shoe															
Latch Down															
Pumptrk Charge								Surface							
Mileage								49							
Tax															
Discount															
Total Charge															
X Signature															



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th ST
Newton KS 67114+8827

ATTN: Andrew Stenzel

Groom-Albin #1

S25-14S-27W Gove,KS

Start Date: 2017.06.17 @ 09:39:00

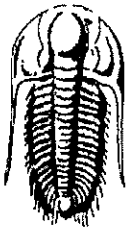
End Date: 2017.06.17 @ 15:28:30

Job Ticket #: 63223 DST #: 1

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

Printed: 2017.06.21 @ 09:19:04

Palomino Petroleum, Inc. S25-14S-27W Gove,KS Groom-Albin #1 DST # 1 LKC "K" 2017.06.17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

S25-14S-27W Gove,KS

4924 SE 84th ST
New ton KS 67114+8827

Groom-Albin #1

Job Ticket: 63223

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2017.06.17 @ 09:39:00

GENERAL INFORMATION:

Formation: **LKC "K"**

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

Time Tool Opened: 11:49:15

Time Test Ended: 15:28:30

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

Tester: **Spencer J. Staab**

Unit No: **84**

Interval: **3945.00 ft (KB) To 4006.00 ft (KB) (TVD)**

Total Depth: **4006.00 ft (KB) (TVD)**

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

Reference Elevations: **2445.00 ft (KB)**

2440.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 8934

Inside

Press@RunDepth: **22.35 psig @ 3949.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2017.06.17**

End Date: **2017.06.17**

Last Calib.: **2017.06.17**

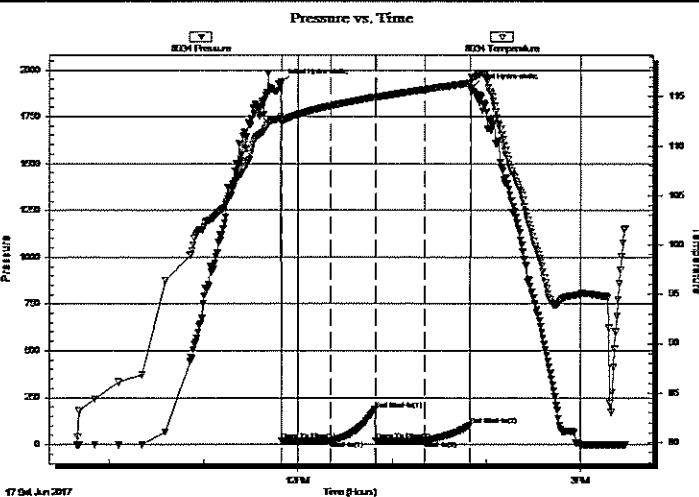
Start Time: **09:39:15**

End Time: **15:28:30**

Time On Btm: **2017.06.17 @ 11:49:00**

Time Off Btm: **2017.06.17 @ 13:51:00**

TEST COMMENT: 30-IF-Weak Blow ; Started 1/4" died in 25 mins
30-ISI-No Blow Back
30-FF-Very Weak Blow ; Surface Blow died in 5 mins
30-FSI-No Blow Back



PRESSURE SUMMARY

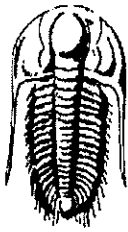
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1932.51	113.01	Initial Hydro-static
1	18.91	112.31	Open To Flow (1)
32	20.78	114.06	Shut-In(1)
60	187.59	114.96	End Shut-In(1)
61	20.71	114.91	Open To Flow (2)
92	22.35	115.71	Shut-In(2)
121	103.60	116.38	End Shut-In(2)
122	1903.00	116.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bb)
5.00	Mud 100%M	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum, Inc.

S25-14S-27W Gove,KS

4924 SE 84th ST
New ton KS 67114+8827

Groom-Albin #1

Job Ticket: 63223

DST#: 1

ATTN: Andrew Stenzel

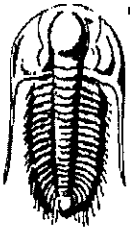
Test Start: 2017.06.17 @ 09:39:00

Tool Information

Drill Pipe:	Length: 3810.00 ft	Diameter: 3.80 inches	Volume: 53.44 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 76000.00 lb
			<u>Total Volume: 54.01 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3945.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	61.00 ft			
Tool Length:	89.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3918.00	
Shut In Tool	5.00			3923.00	
Hydraulic tool	5.00			3928.00	
Jars	5.00			3933.00	
Safety Joint	3.00			3936.00	
Packer	5.00			3941.00	28.00 Bottom Of Top Packer
Packer	4.00			3945.00	
Stubb	1.00			3946.00	
Perforations	2.00			3948.00	
Change Over Sub	1.00			3949.00	
Recorder	0.00	9120	Inside	3949.00	
Recorder	0.00	8934	Inside	3949.00	
Drill Pipe	32.00			3981.00	
Change Over Sub	1.00			3982.00	
Perforations	20.00			4002.00	
Bullnose	4.00			4006.00	61.00 Bottom Packers & Anchor
Total Tool Length:	89.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

S25-14S-27W Gove,KS

4924 SE 84th ST
New ton KS 67114+8827

Groom-Albin #1

Job Ticket: 63223

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2017.06.17 @ 09:39:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 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: 2#LCM

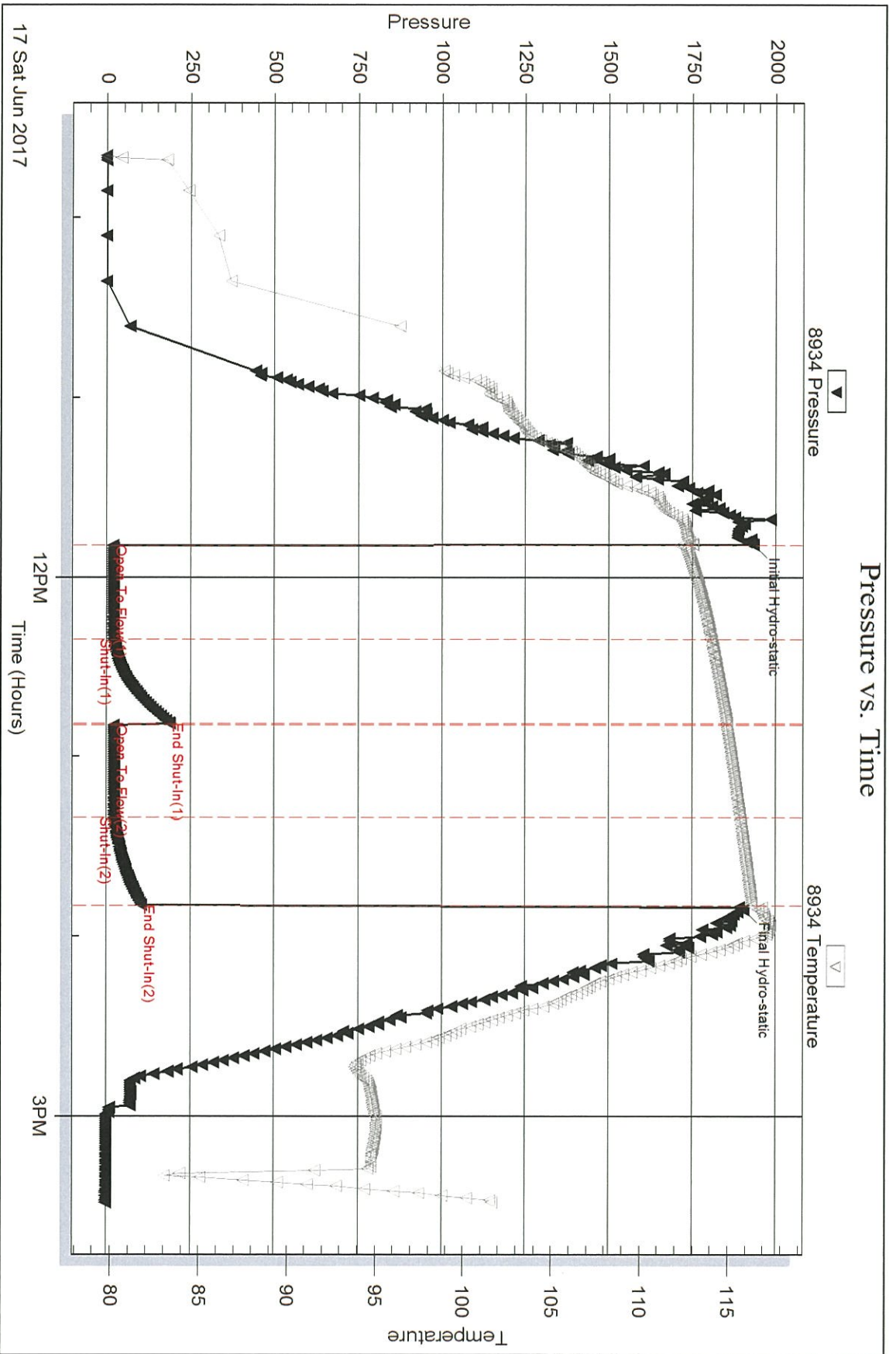
Serial #: 8934

Inside

Palomino Petroleum, Inc.

Groom-Albin #1

DST Test Number: 1



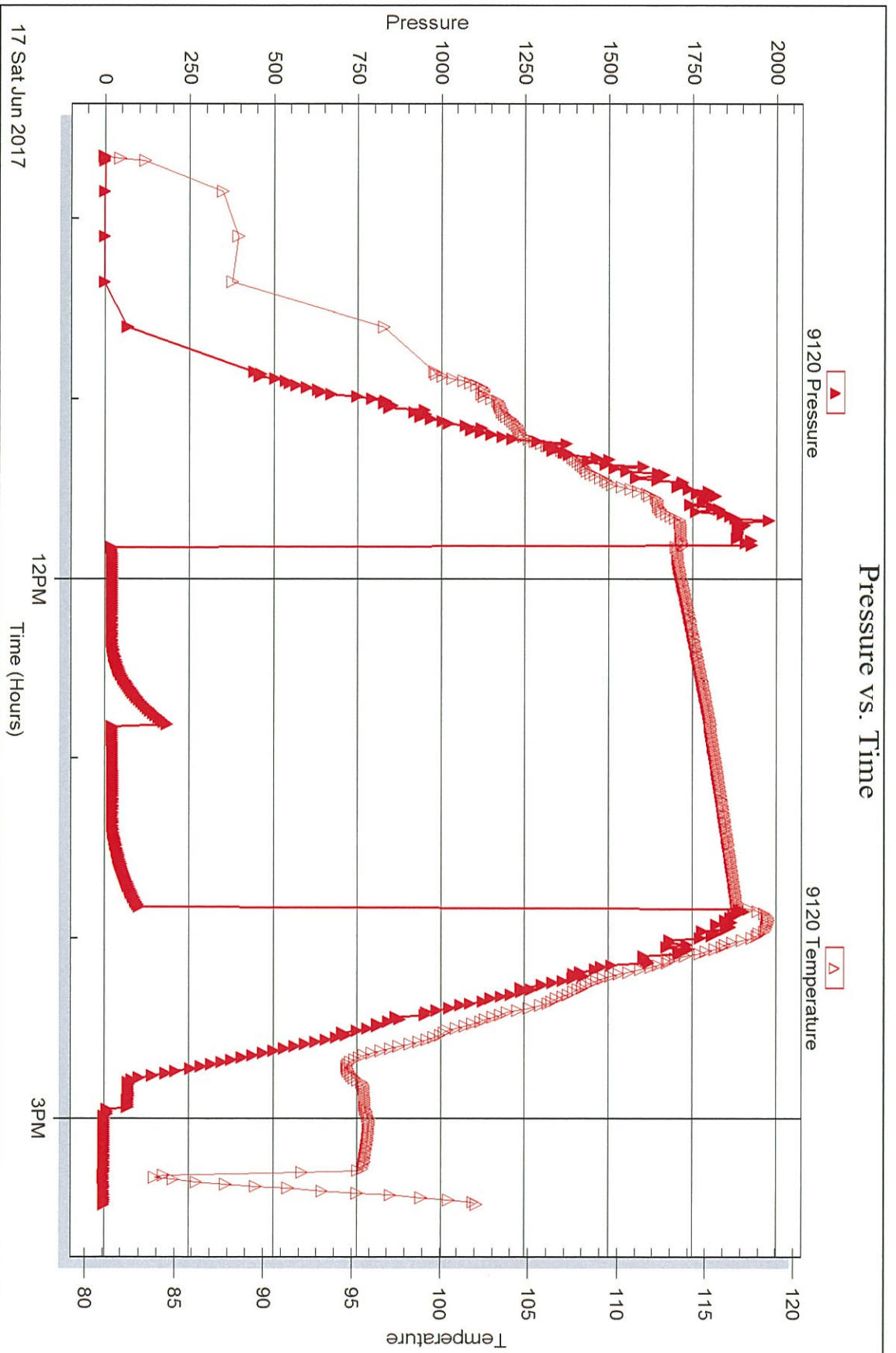
Serial #: 9120

Inside

Palomino Petroleum, Inc.

Groom-Albin #1

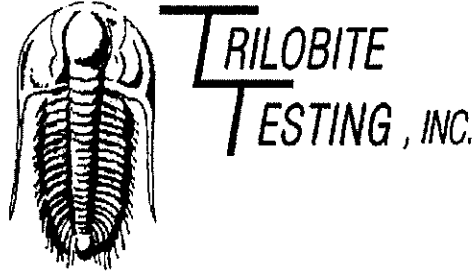
DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63223

Printed: 2017.06.21 @ 09:19:05



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum, Inc.**

4924 SE 84th ST
Newton KS 67114+8827

ATTN: Andrew Stenzel

Groom-Albin #1

S25-14S-27W Gove,KS

Start Date: 2017.06.19 @ 03:40:00

End Date: 2017.06.19 @ 11:31:00

Job Ticket #: 63224 DST #: 2

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

Printed: 2017.06.21 @ 09:11:07

Palomino Petroleum, Inc.

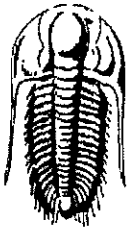
S25-14S-27W Gove,KS

Groom-Albin #1

DST # 2

Mississippi

2017.06.19



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

S25-14S-27W Gove,KS

4924 SE 84th ST
New ton KS 67114+8827

Groom-Albin #1

Job Ticket: 63224

DST#: 2

ATTN: Andrew Stenzel

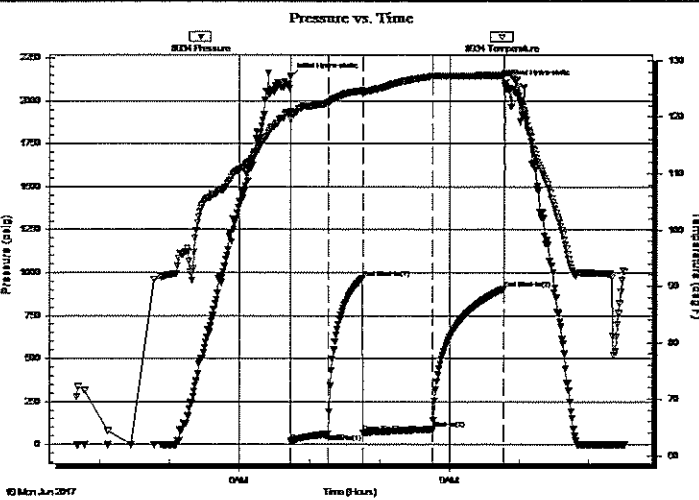
Test Start: 2017.06.19 @ 03:40:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:44:15
 Tester: Spencer J. Staab
 Time Test Ended: 11:31:00
 Unit No: 84
 Interval: **4308.00 ft (KB) To 4333.00 ft (KB) (TVD)**
 Reference Elevations: 2445.00 ft (KB)
 Total Depth: 4333.00 ft (KB) (TVD)
 2440.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 8934 Outside
 Press@RunDepth: 88.47 psig @ 4309.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.19 End Date: 2017.06.19 Last Calib.: 2017.06.19
 Start Time: 03:40:15 End Time: 11:31:00 Time On Btm: 2017.06.19 @ 06:44:00
 Time Off Btm: 2017.06.19 @ 09:47:30

TEST COMMENT: 30-IF-Weak Blow ; Built from surface to 3 1/4"
 30-IS-No Return
 60-FF-Weak Blow ; Built from surface to 1 1/4"
 60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2137.54	120.93	Initial Hydro-static
1	18.45	119.62	Open To Flow (1)
32	63.80	122.46	Shut-In(1)
61	968.56	124.62	End Shut-In(1)
62	67.09	124.09	Open To Flow (2)
122	88.47	127.25	Shut-In(2)
183	905.66	127.40	End Shut-In(2)
184	2101.66	127.79	Final Hydro-static

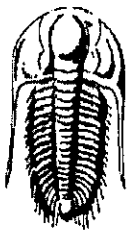
Recovery

Length (ft)	Description	Volume (bbl)
63.00	MW 40%M 60%W	0.31
62.00	WCM 30%W 70%M	0.39
45.00	Mud 100%M	0.63

* 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.

S25-14S-27W Gove,KS

4924 SE 84th ST
New ton KS 67114+8827

Groom-Albin #1

Job Ticket: 63224

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.06.19 @ 03:40:00

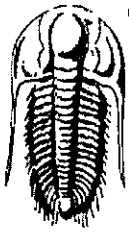
Tool Information

Drill Pipe:	Length: 4191.00 ft	Diameter: 3.80 inches	Volume: 58.79 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 116.00 ft	Diameter: 2.25 inches	Volume: 0.57 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 59.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4308.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4281.00	
Shut In Tool	5.00			4286.00	
Hydraulic tool	5.00			4291.00	
Jars	5.00			4296.00	
Safety Joint	3.00			4299.00	
Packer	5.00			4304.00	28.00 Bottom Of Top Packer
Packer	4.00			4308.00	
Stubb	1.00			4309.00	
Recorder	0.00	9120	Inside	4309.00	
Recorder	0.00	8934	Outside	4309.00	
Perforations	20.00			4329.00	
Bullnose	4.00			4333.00	25.00 Bottom Packers & Anchor

Total Tool Length: 53.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum, Inc.

S25-14S-27W Gove,KS

4924 SE 84th ST
New ton KS 67114+8827

Groom-Albin #1

Job Ticket: 63224

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.06.19 @ 03:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
63.00	MW 40%M 60%W	0.310
62.00	WCM 30%W 70%M	0.387
45.00	Mud 100%M	0.631

Total Length: 170.00 ft Total Volume: 1.328 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2#LCM

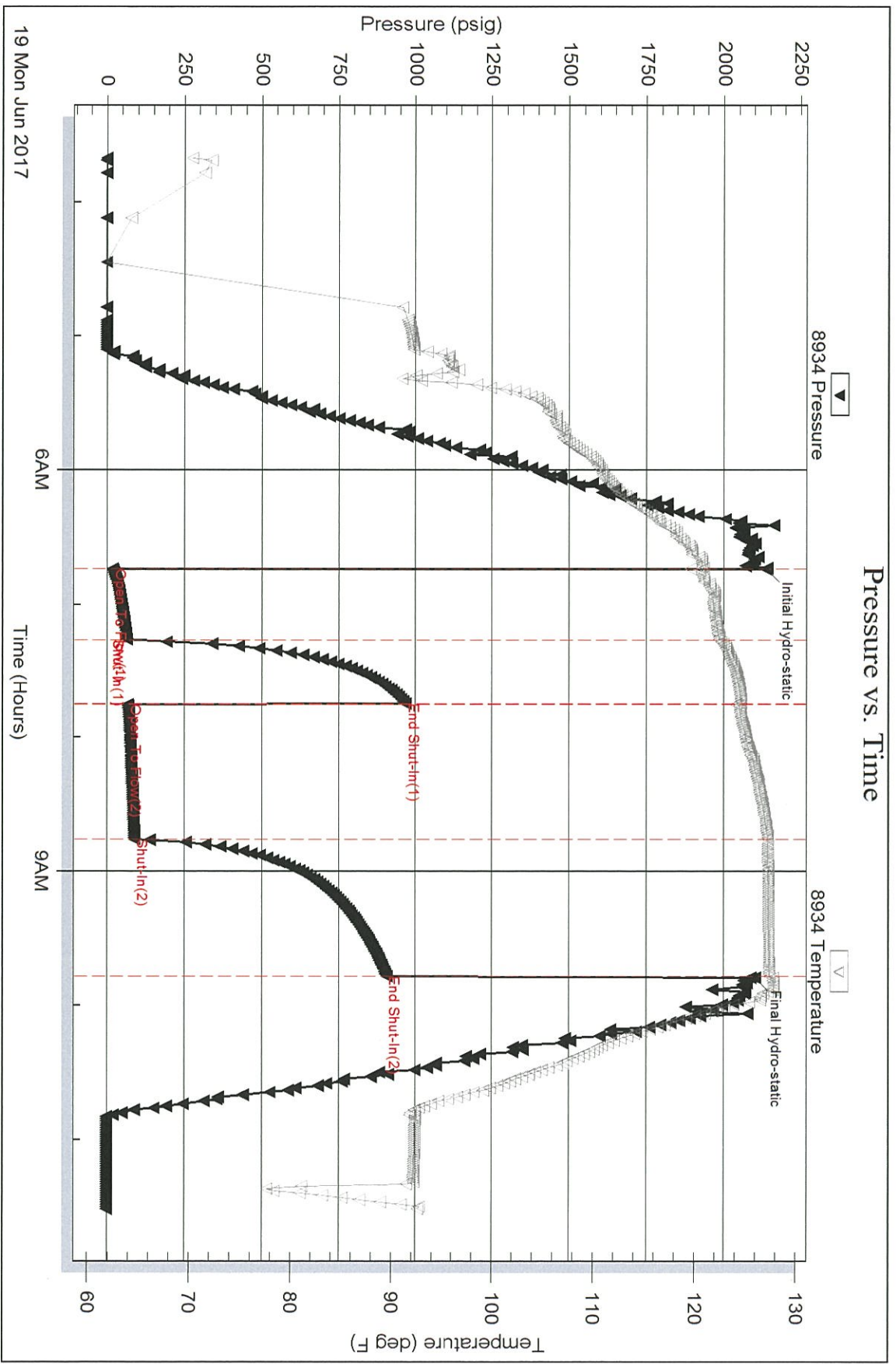
RW=.230@80degrees

Serial #: 8934

Outside Palomino Petroleum, Inc.

Groom-Albin #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 63224

Printed: 2017.06.21 @ 09:11:08

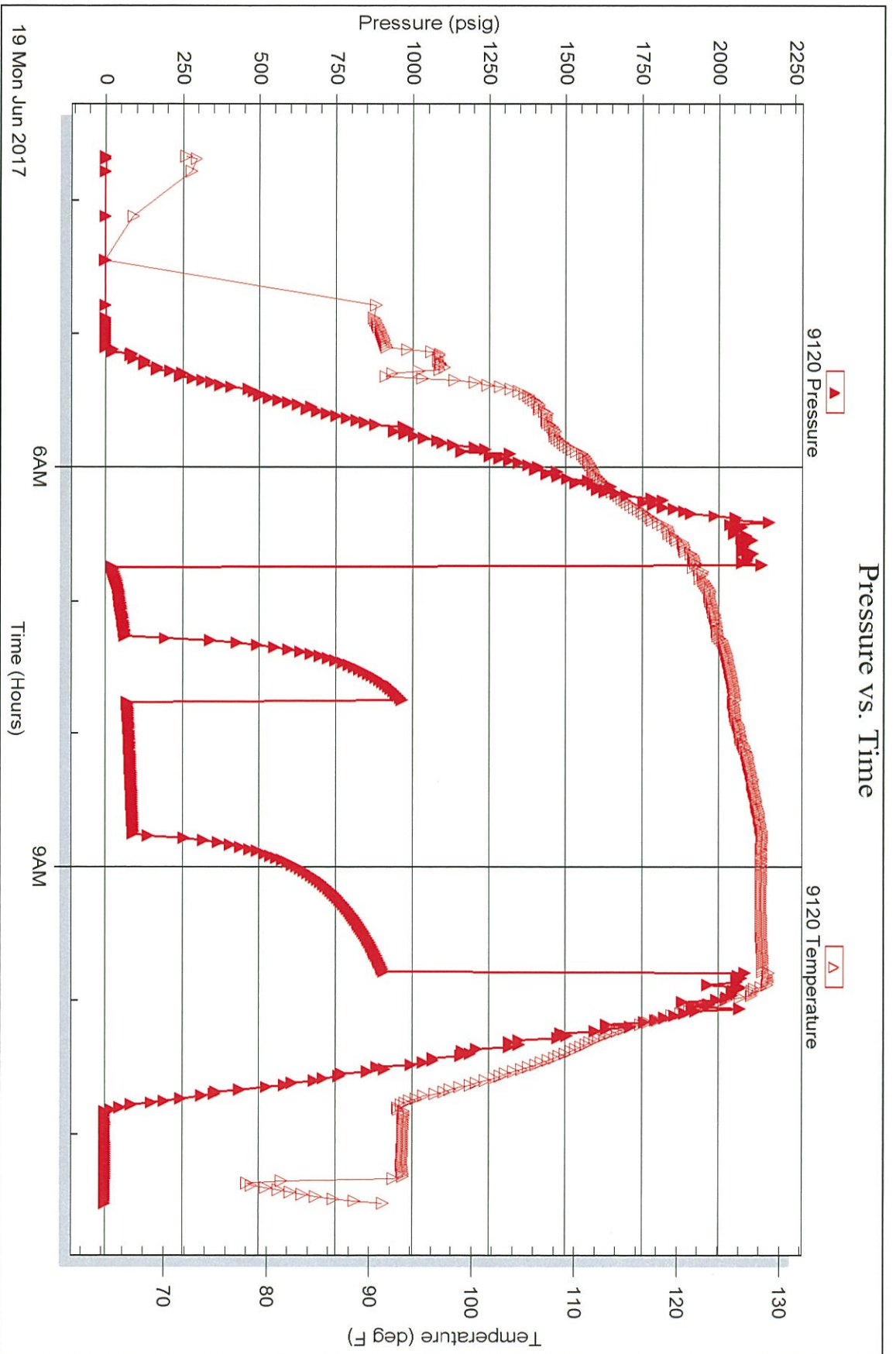
Serial #: 9120

Inside

Palomino Petroleum, Inc.

Groom-Albin #1

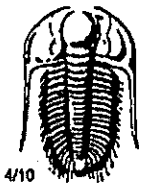
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 63224

Printed: 2017.06.21 @ 09:11:08



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63223

Well Name & No. Droom - Albin # 1 Test No. 1 Date 06/17/2017
 Company Palominos Petroleum, Inc. Elevation 2445 KB 2440 GL
 Address 4924 SE 84th St Newton KS 67114 + 8827
 Co. Rep / Geo. Andrew Stenzel Rig WW # 8
 Location: Sec. 25 Twp. 14s Rge. 27w Co. Law State Ks

Interval Tested 3945' - 4006' Zone Tested LAC "H"
 Anchor Length 61' Drill Pipe Run 3810' Mud Wt. 9.1
 Top Packer Depth 3940' Drill Collars Run 116' Vis 57
 Bottom Packer Depth 3945' Wt. Pipe Run - WL 7.2
 Total Depth 4006' Chlorides 3000 ppm System LCM 2#

Blow Description 77 - Weak Blow; Started 1/4" die in 25 mins
78 - No Blow Back
79 - Very Weak Blow; Surface Blow; die in 5 mins
80 - No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>Mud</u>			<u>100</u>	

Rec Total 5' BHT 117° Gravity - API RW - @ - °F Chlorides - ppm

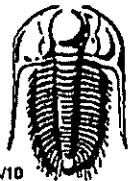
(A) Initial Hydrostatic <u>1932</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>08:40</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>09:39</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>11:48</u>
(D) Initial Shut-In <u>187</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>01:48</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>15:26</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage <u>150 RT</u> 112.50	Comments
(G) Final Shut-In <u>103</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1903</u>	<input type="checkbox"/> Straddle	

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 1587.50
 MP/DST Disc't

Sub Total 1587.50

Approved By _____ Our Representative Spencer J. Jacobs Thanks
 Tribolite 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.
 785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63224

Well Name & No. Groom - Albin #1 Test No. 2 Date 06/19/2017
 Company Palomino Petroleum, Inc. Elevation 2445 KB 2440 GL
 Address 4924 SE 84th ST Newton KS 67114 + 8827
 Co. Rep / Geo. Andrew Stengel Rig 2W2W#8
 Location: Sec. 25 Twp. 14A Rge. 27W Co. Inde State Ks

Interval Tested 4308' - 4333' Zone Tested Mississippi
 Anchor Length 25' Drill Pipe Run 4191' Mud Wt. 9.3
 Top Packer Depth 4303' Drill Collars Run 116' Vis 45
 Bottom Packer Depth 4308' Wt. Pipe Run - WL 7.2
 Total Depth 4333' Chlorides 4,800 ppm System LCM 2#

Blow Description: 77- Weak Blow; Built from surface to 3 1/4"
1st - No Return
77- Very Weak Blow; Built from surface to 1 1/4"
78 - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>63'</u>	<u>MW</u>		<u>60</u>	<u>40</u>	
<u>62'</u>	<u>WCM</u>		<u>30</u>	<u>70</u>	
<u>45'</u>	<u>Mud</u>			<u>100</u>	

Rec Total 170' BHT 128° Gravity - API RW 230 @ 80° F Chlorides 26,000 ppm

(A) Initial Hydrostatic 2137 Test 1150 T-On Location 03:05
 (B) First Initial Flow 18 Jars 250 T-Started 03:40
 (C) First Final Flow 63 Safety Joint 75 T-Open 06:44
 (D) Initial Shut-In 968 Circ Sub _____ T-Pulled 09:45
 (E) Second Initial Flow 67 Hourly Standby _____ T-Out 11:29
 (F) Second Final Flow 88 Mileage 150 R 7 225 Comments Loaded tools @
 (G) Final Shut-In 905 Sampler _____ 3:30 6/20/2017
 (H) Final Hydrostatic 2101 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1950
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1950

Approved By _____ Our Representative James J. Stahl Thanks!

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.

785-259-0056