



CONSOLIDATED
Oil Well Services, LLC

PERMIT TO
Consolidated Oil Well Services, LLC
Dept:970
P.O.Box 4346
Houston, TX 77210-4346

RECEIVED
JUL 21 2016
MAIN OFFICE
P.O.Box884
Chanute, KS 66720
620/431-9210, 1-800/467-8676
Fax 620/431-0012

Invoice

Invoice#

808053

Invoice Date: 07/18/16

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.
4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

BAKER HA UNIT #1

Tax: 177.42

Total: 3,417.47

TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

RECEIVED

AUG 03 2016



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
7/29/2016	29582

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Baker HA Unit	Wichita	WW	Oil	Development	Cement long string	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				100	Miles	5.00	500.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
403-5	5 1/2" Cement Basket				1	Each	250.00	250.00T
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
409-5	5 1/2" Turbolizer				12	Each	75.00	900.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
580	Additional Hours (If Circulate More Than 1 Hour)				3	Hours	200.00	600.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.75	1,968.75T
325	Standard Cement				125	Sacks	12.25	1,531.25T
284	Calseal				6	Sack(s)	30.00	180.00T
283	Salt				650	Lb(s)	0.20	130.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
276	Flocele				50	Lb(s)	2.25	112.50T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00
581D	Service Charge Cement				250	Sacks	1.50	375.00
583D	Drayage				1,275.69	Ton Miles	0.75	956.77
	Subtotal							12,929.27
	Sales Tax Wichita County						8.50%	828.54

We Appreciate Your Business!	Total	\$13,757.81
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Services, Inc.

CHARGE TO: Palomino Petroleum

ADDRESS

CITY, STATE, ZIP CODE

TICKET 29582

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Wichita KS</u>	WELL/PROJECT NO. <u>1</u>	LEASE <u>Baker HA unit</u>	COUNTY/PARISH <u>Wichita</u>	STATE <u>KS</u>	CITY <u>Pence</u>	DATE <u>09/16</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO. <u>WIS</u>	20	SHIPPED VIA <u>OT</u>	DELIVERED TO <u>location</u>	ORDER NO.	
3. WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>concrete long string</u>		WELL PERMIT NO.	WELL LOCATION <u>4-16-35</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					702	100	mi				500	500.00
578					Pump Charge	1	ea				1250.00	1250.00
403					Concrete Basket	5 1/2	in	1	ea		250.00	250.00
404					Port collar	5 1/2	in	1	ea		2500.00	2500.00
406					Arbol down plug & bottle	5 1/2	in	1	ea		225.00	225.00
407					insert float shoe w/ auto fill	5 1/2	in	1	ea		300.00	300.00
409					Turbolizer	5 1/2	in	1	ea		75.00	75.00
419					Rotating head rental	5 1/2	in	1	ea		200.00	200.00
500					Additional hours			3	hrs		200.00	600.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

DATE SIGNED [Signature] TIME SIGNED 11:45

REMIT PAYMENT TO:

SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL 6725.00
6204.27
12929.27

TAX 828.54

TOTAL 13757.81

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR [Signature] APPROVAL

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 29582

CUSTOMER: Adams Petroleum

WELL: Baker #1 UNIT: 4 DATE: 02/11/12 PAGE: 2 OF: 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY		UNIT PRICE		AMOUNT
		LOC	ACCT	DF			QTY	U/M	QTY	U/M	
336						SWD cement	125	sl	15.75		1968.75
326						Standard cement (For CA-2)	125	sl	12.185		1531.25
284						Calseal	600	lb	30.00		180.00
283						SALT	600	lb	0.20		130.00
285						CFR-1	50	lb	4.50		225.00
276						Florelle	50	lb	2.85		142.50
281						MudFlush	500	gal	1.25		625.00
281						RCL Degrind	4	gal	25.00		100.00
581						SERVICE CHARGE			1.50		375.00
583						MILEAGE CHARGE			0.75		956.77

SERVICE CHARGE

MILEAGE CHARGE

TOTAL WEIGHT
25314

LOADED MILES
100

TON MILES
1275.69

CUBIC FEET

CONTINUATION TOTAL
6204.27

JOB LOG

SWIFT Services, Inc.

DATE 29 Jul 16 PAGE NO.

CUSTOMER Palmino Petroleum WELL NO. 41 LEASE Baker HA units JOB TYPE cement long string TICKET NO. 29582

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 sk SMD cement & 125 sk SA-2 cement 5 1/2" x 15.5" 116 jts 4825' sheet 42 sk TD = 4835' Bit collar #55 2478' Turbo sizes 1, 3, 6, 8, 9, 11, 12, 14, 16, 18, 20, 54 Basket #55 out 108 118 119 120 121
	0400							on loc TRK 114
	1045							start 5 1/2" x 15.5" casing in well
	1400							Drop ball - ^{no} circulate ROTATE - unsuccessfully attempt to circulate -
	1756	2 1/2	12			200		Pump 50 gal mid flush
		2 1/2	20			200		Pump 20 bbl KCh flush
			11					Plug RH / MH 305k - 205k
	1810	5	31			200		mix SMD cement 75 sk @ 12.2 ppg
		5	29			200		mix SA-2 cement 125 sk @ 15.3 ppg - no circulation -
								Drop latch down plug wash out pump & line
	1838	5 1/2				200		Displace plug
		5 1/2	80			400		
		5 1/2	110			1200		
	1900	5 1/2	114			1700		Land plug ^{no circ}
								Release pressure to truck - chisel up
	1910							wash truck
								Rack up
	1950							job complete thanks Blane, Phil, & Preston



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



AUG 08 2016

Invoice

DATE	INVOICE #
8/3/2016	29585

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Baker HA Unit	Wichita	Express	Oil	Development	Cement Port Collar	Blaine

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	100	Miles	5.00	500.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars	1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)	200	Sacks	15.75	3,150.00T
276	Flocele	50	Lb(s)	2.25	112.50T
221	Liquid KCL (Clayfix)	1	Gallon(s)	25.00	25.00T
104	Port Collar Tool Rental	1	Each	200.00	200.00T
290	D-Air	1	Gallon(s)	42.00	42.00T
581D	Service Charge Cement	300	Sacks	1.50	450.00
583D	Drayage	1,493.1	Ton Miles	0.75	1,119.83
	Subtotal				6,849.33
Customer Disc...	Customer Discount Per Ted			-10.00%	-684.93
	Subtotal				6,164.40
	Sales Tax Wichita County			8.50%	270.01

We Appreciate Your Business!	Total	\$6,434.41
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Services, Inc.

CHARGE TO: Palomino Petroleum

TICKET 29585

ADDRESS
CITY, STATE, ZIP CODE

PAGE 1 OF 1

1. SERVICE LOCATIONS <u>Lev City KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Baker 1st unit</u>	COUNTY/PARISH <u>Wichita</u>	STATE <u>KS</u>	CITY <u>Peace</u>	DATE <u>3 Aug 16</u>	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED VIA <u>at location</u>	DELIVERED TO	ORDER NO.	WELL LOCATION <u>4-16-35</u>	
3. WELL TYPE <u>oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>complet-part collar</u>	WELL PERMIT NO.				
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE	TRX 114	100	mi		5.00	500.00
576D					Pump Charge		1.00	ea		1250.00	1250.00
330					SAND cement		200	sk		15.75	3150.00
276					Fluoride		50	lb		2.25	112.50
221					KCL liquid		1	gal		25.00	25.00
164					Post Collar Tool Rental		1	ea		200.00	200.00
581					service charge		300	sk		1.50	450.00
583					D-rage		2082	lb		0.75	1561.50
290					D-air		1	gal		42.00	42.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY,** and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMERS AGENT PRIOR TO START OF WORKOR DELIVERY OF GOODS

DATE SIGNED: [Signature] TIME SIGNED: A.M. P.M. 15:30

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND			

PAGE TOTAL: 6849.33

TOTAL: 6844.41

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature] APPROVAL

The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 3 AUG 16 PAGE NO.

CUSTOMER Palomino Petroleum

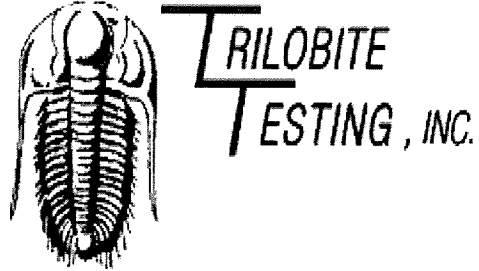
WELL NO. #1

LEASE Baker HA unit

JOB TYPE cement port collar

TICKET NO. 29585

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								300sk SMD cement w/ 1/4" Flocele 2 7/8 x 5 1/2 port collar - 2478'
	1200							on loc TRK 114
	1319					1000	1000	test to 1000psi - held open port collar
	1330	2 1/2	2				500	inj rate 2 1/2 bpm @ 500psi
	1333							pump drilling mud
		3 1/4					500	
		3 1/4	10				500	- circulation to pits -
		3 1/4	50				450	- mud truck empty
		3 1/4	10				500	pump 10 bbl KCL H ₂ O
	1400							
	1430	3 1/4					350	mix SMD cement @ 11.2 ppg
	1430	3	107				300	→ cement to surface ← { 300sk mixed } { 25 to pit }
		3	13				200	Displace w/ H ₂ O 13 bbl close port collar
	1439					1000	1000	test to 1000psi - held
	1445							Run 5 joints
	1452		25					Reverse hole clean - 2 cement plugs -
	1500							wash truck Rack up
	1530							job complete Thanks Blaine, Flint & Preston



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Baker HA Unit #1

4-16s-35w Wichita,KS

Start Date: 2016.07.22 @ 00:37:00

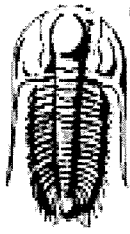
End Date: 2016.07.22 @ 10:23:30

Job Ticket #: 65537 DST #: 1

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

Printed: 2016.07.29 @ 10:23:41

Palomino Petroleum
4-16s-35w Wichita,KS
Baker HA Unit #1
DST # 1
Topeka
2016.07.22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 65537 **DST#: 1**
Test Start: 2016.07.22 @ 00:37:00

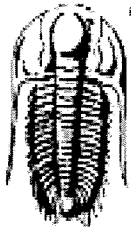
Tool Information

Drill Pipe:	Length: 3773.00 ft	Diameter: 3.80 inches	Volume: 52.93 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 93.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	3886.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	128.00 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			3860.00	
Shut In Tool	5.00			3865.00	
Hydraulic tool	5.00			3870.00	
Jars	5.00			3875.00	
Safety Joint	2.00			3877.00	
Packer	5.00			3882.00	27.00 Bottom Of Top Packer
Packer	4.00			3886.00	
Stubb	1.00			3887.00	
Recorder	0.00	8365	Inside	3887.00	
Recorder	0.00	8845	Outside	3887.00	
Perforations	32.00			3919.00	
Change Over Sub	1.00			3920.00	
Drill Pipe	63.00			3983.00	
Change Over Sub	1.00			3984.00	
Bullnose	3.00			3987.00	101.00 Bottom Packers & Anchor

Total Tool Length: 128.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 65537 **DST#: 1**
Test Start: 2016.07.22 @ 00:37:00

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:	31000 ppm
Viscosity: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5600.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1020.00	mcw 10m 90w (Oil spots in tool)	13.461

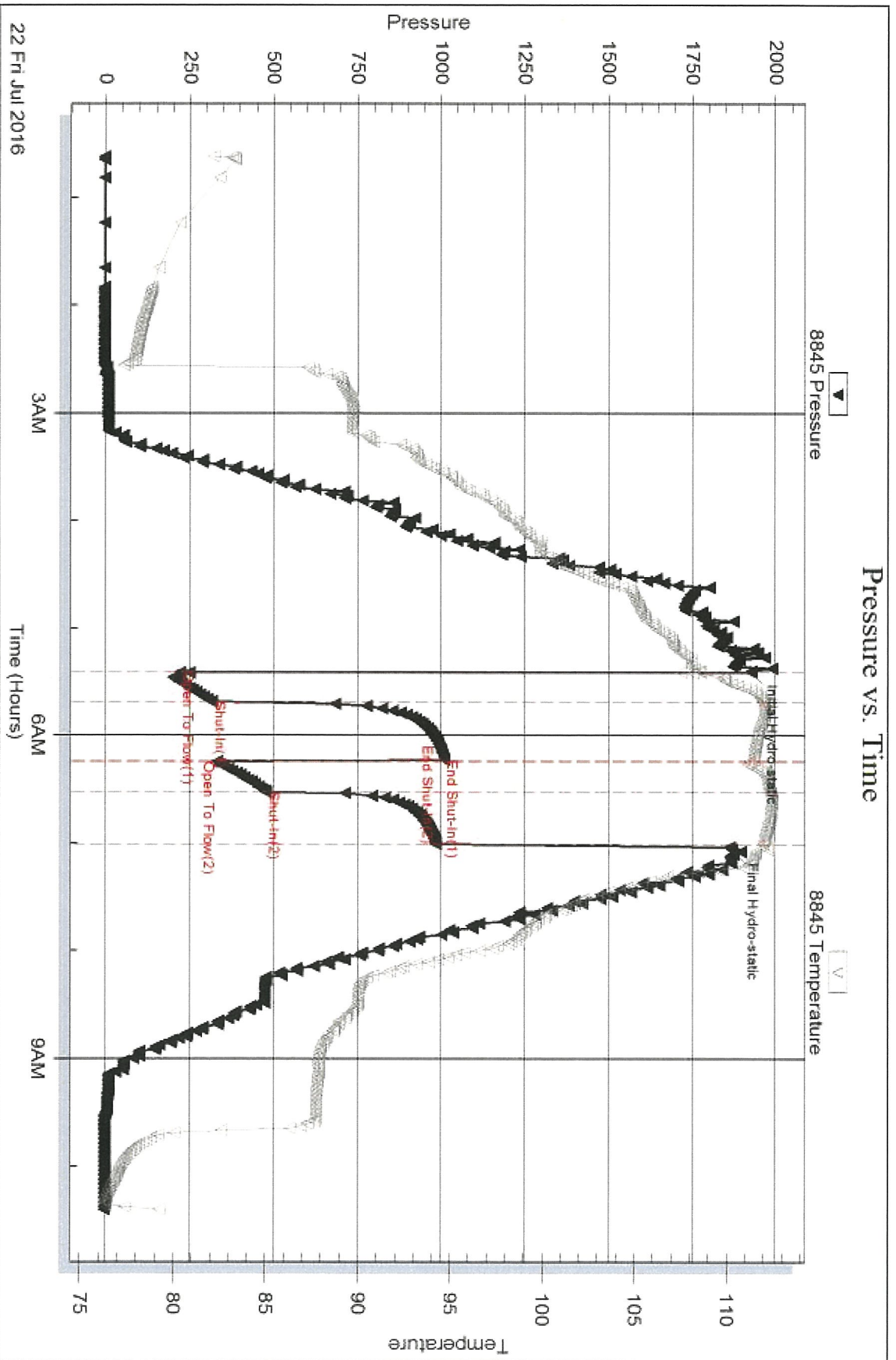
Total Length: 1020.00 ft Total Volume: 13.461 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: rw is .210 @ 72F = 31,000ppm

Serial #: 8845

Outside Palomino Petroleum

Baker HA Unit #1

DST Test Number: 1



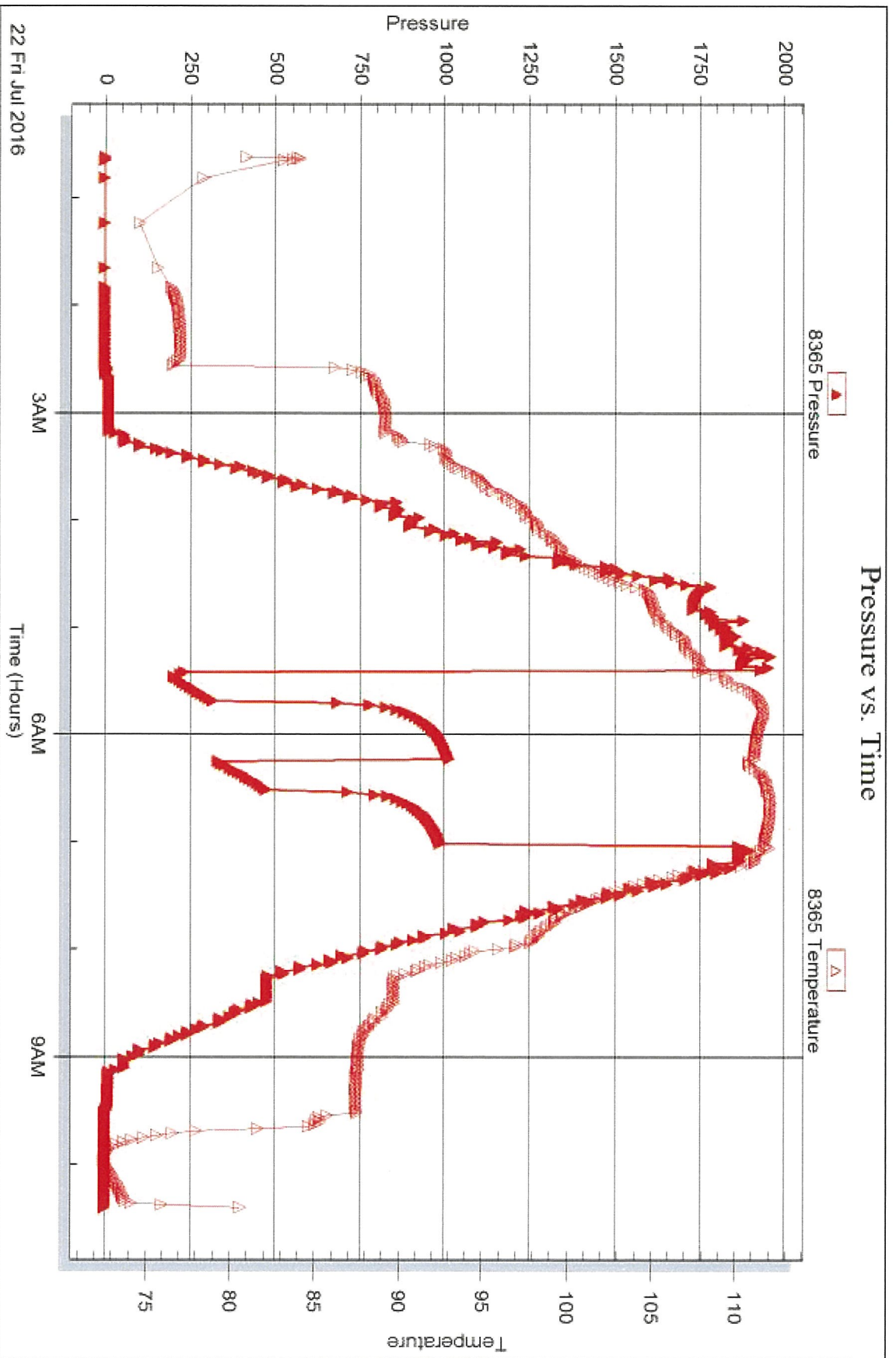
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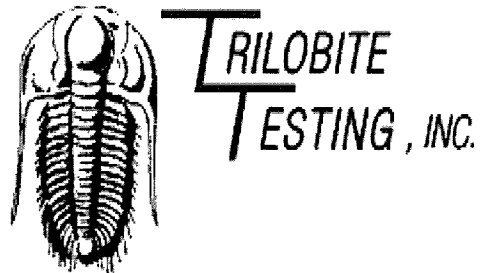
Inside

Palomino Petroleum

Baker HA Unit #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Baker HA Unit #1

4-16s-35w Wichita,KS

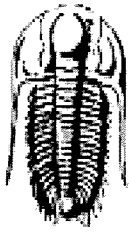
Start Date: 2016.07.22 @ 22:30:00

End Date: 2016.07.23 @ 08:02:00

Job Ticket #: 65538 DST #: 2

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

Printed: 2016.07.29 @ 10:23:18



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

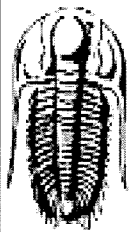
4-16s-35w Wichita, KS
Baker HA Unit #1
Job Ticket: 65538 **DST#: 2**
Test Start: 2016.07.22 @ 22:30:00

Tool Information

Drill Pipe:	Length: 3872.00 ft	Diameter: 3.80 inches	Volume: 54.31 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 93.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 54.77 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	3986.00 ft			Final 89000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	101.00 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			3960.00	
Shut In Tool	5.00			3965.00	
Hydraulic tool	5.00			3970.00	
Jars	5.00			3975.00	
Safety Joint	2.00			3977.00	
Packer	5.00			3982.00	27.00 Bottom Of Top Packer
Packer	4.00			3986.00	
Stubb	1.00			3987.00	
Recorder	0.00	8365	Inside	3987.00	
Recorder	0.00	8845	Outside	3987.00	
Perforations	5.00			3992.00	
Change Over Sub	1.00			3993.00	
Drill Pipe	63.00			4056.00	
Change Over Sub	1.00			4057.00	
Bullnose	3.00			4060.00	74.00 Bottom Packers & Anchor
Total Tool Length:	101.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

4-16s-35w Wichita,KS

4924 SE 84th St
New ton, KS 67114

Baker HA Unit #1

Job Ticket: 65538

DST#: 2

ATTN: Ryan Seib

Test Start: 2016.07.22 @ 22:30:00

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: 40000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.17 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5600.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
820.00	mcw 5m 95w oil spots throughout	10.655

Total Length: 820.00 ft Total Volume: 10.655 bbl

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

Laboratory Name: Laboratory Location:

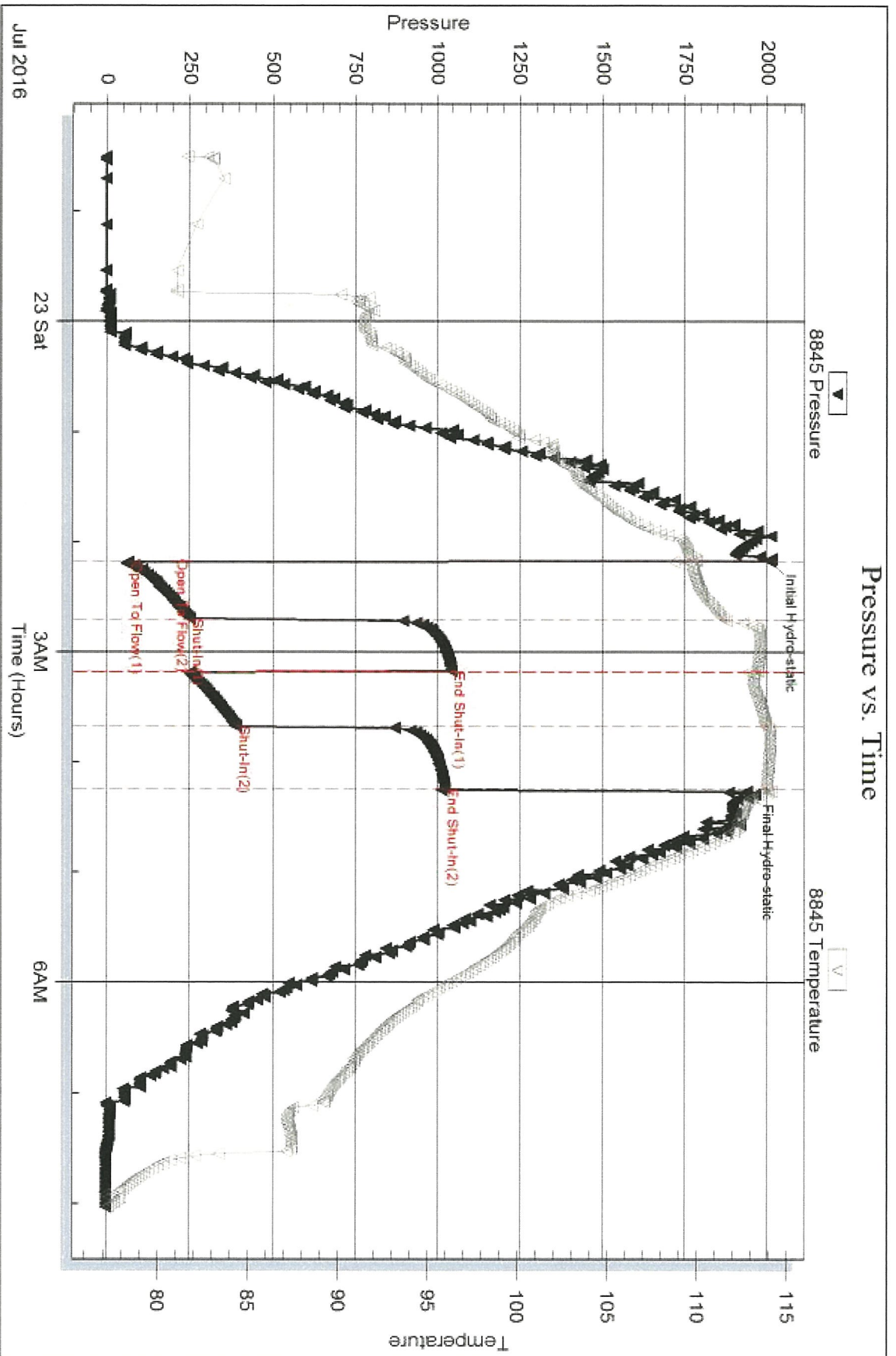
Recovery Comments: rw is .157 @ 74f = 40000ppm

Serial #: 8845

Outside Palomino Petroleum

Baker HA Unit #1

DST Test Number: 2



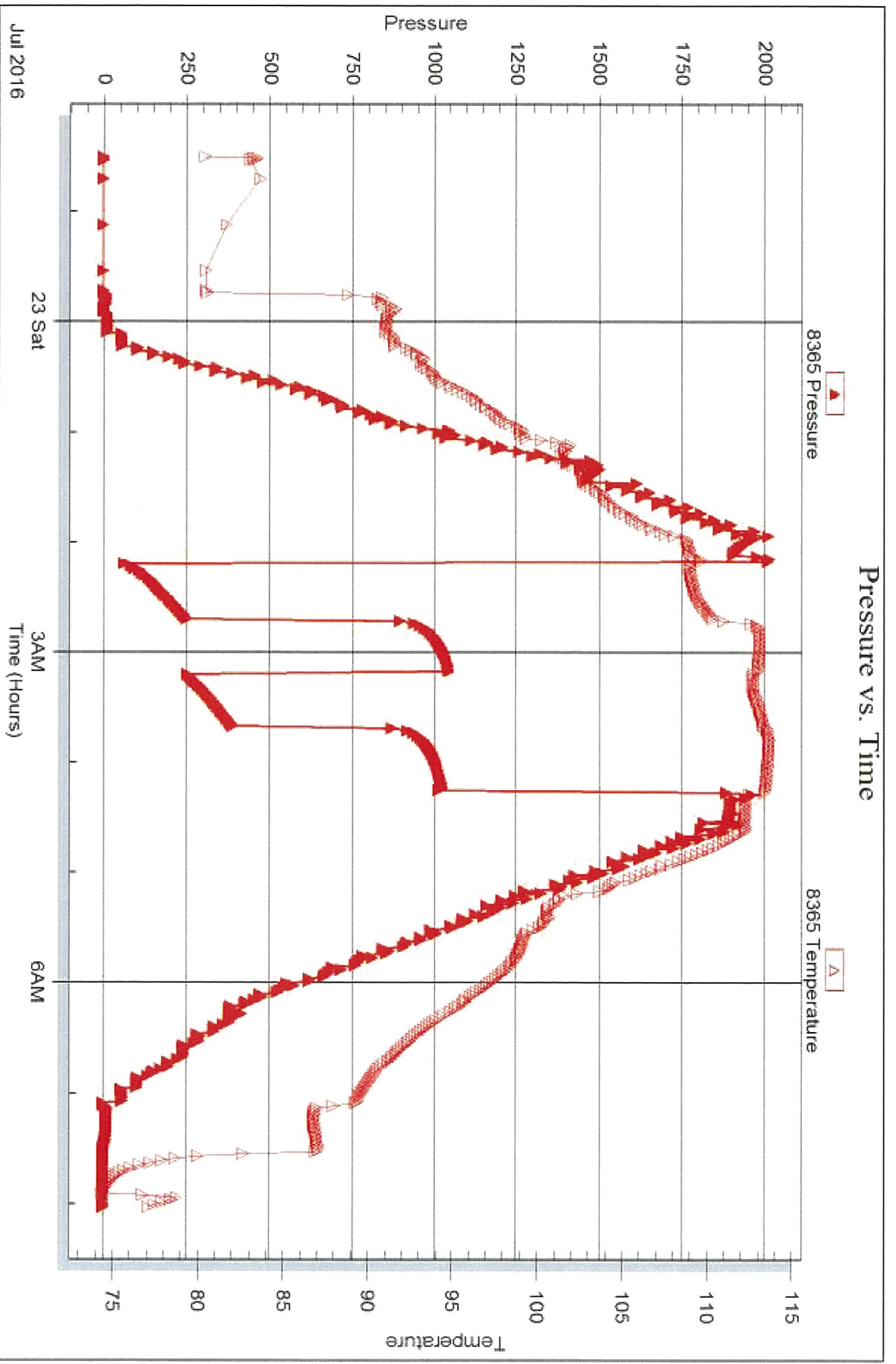
Serial #: 8365

Inside

Palomino Petroleum

Baker HA Unit #1

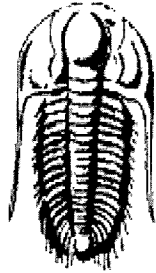
DST Test Number: 2



Tricoble Testing, Inc

Ref. No: 65538

Printed 2016.07.29 @ 10:23:19



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Baker HA Unit #1

4-16s-35w Wichita,KS

Start Date: 2016.07.23 @ 18:37:00

End Date: 2016.07.24 @ 04:33:45

Job Ticket #: 65539 DST #: 3

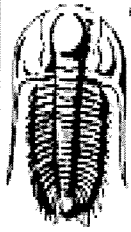
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.07.29 @ 10:22:51

Palomino Petroleum
4-16s-35w Wichita,KS
Baker HA Unit #1
DST # 3
LKC C-D
2016.07.23



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

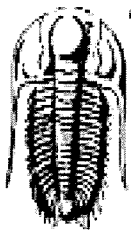
4-16s-35w Wichita, KS
Baker HA Unit #1
Job Ticket: 65539 **DST#: 3**
Test Start: 2016.07.23 @ 18:37:00

Tool Information

Drill Pipe:	Length: 3968.00 ft	Diameter: 3.80 inches	Volume: 55.66 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 93.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 56.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 87000.00 lb
Depth to Top Packer:	4062.00 ft			Final 87000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.00 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			4036.00	
Shut In Tool	5.00			4041.00	
Hydraulic tool	5.00			4046.00	
Jars	5.00			4051.00	
Safety Joint	2.00			4053.00	
Packer	5.00			4058.00	27.00 Bottom Of Top Packer
Packer	4.00			4062.00	
Stubb	1.00			4063.00	
Recorder	0.00	8365	Inside	4063.00	
Recorder	0.00	8845	Outside	4063.00	
Perforations	10.00			4073.00	
Change Over Sub	1.00			4074.00	
Drill Pipe	32.00			4106.00	
Change Over Sub	1.00			4107.00	
Bullnose	3.00			4110.00	48.00 Bottom Packers & Anchor
Total Tool Length:	75.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

4-16s-35w Wichita,KS

4924 SE 84th St
New ton, KS 67114

Baker HA Unit #1

Job Ticket: 65539

DST#: 3

ATTN: Ryan Seib

Test Start: 2016.07.23 @ 18:37:00

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: 26000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.77 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 6500.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	mcw 40m 60w oil spots	2.099

Total Length: 210.00 ft Total Volume: 2.099 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .259 @ 70 f = 26,000ppm

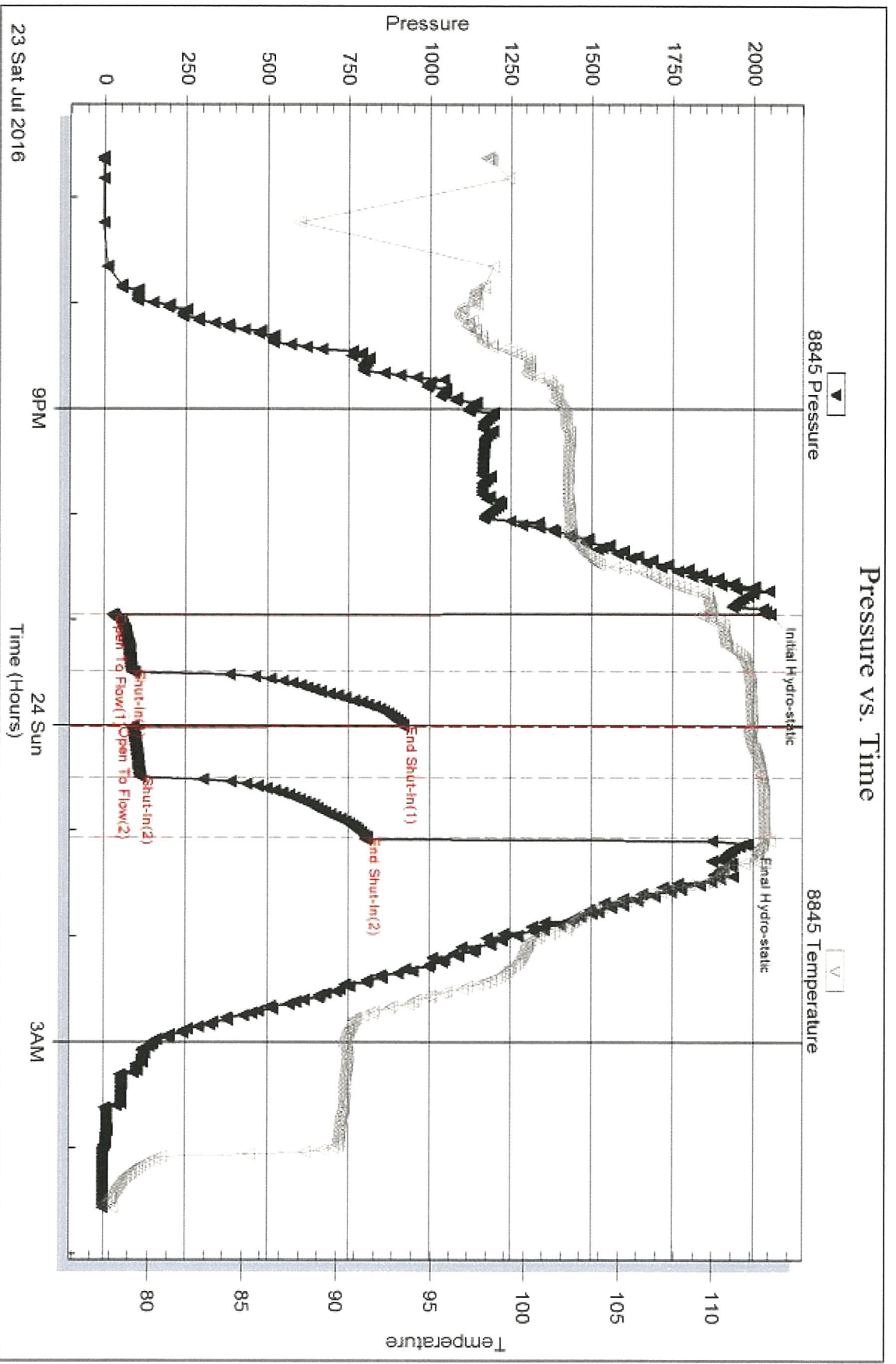
Serial #: 8845

Outside

Palomino Petroleum

Baker HA Unit #1

DST Test Number: 3



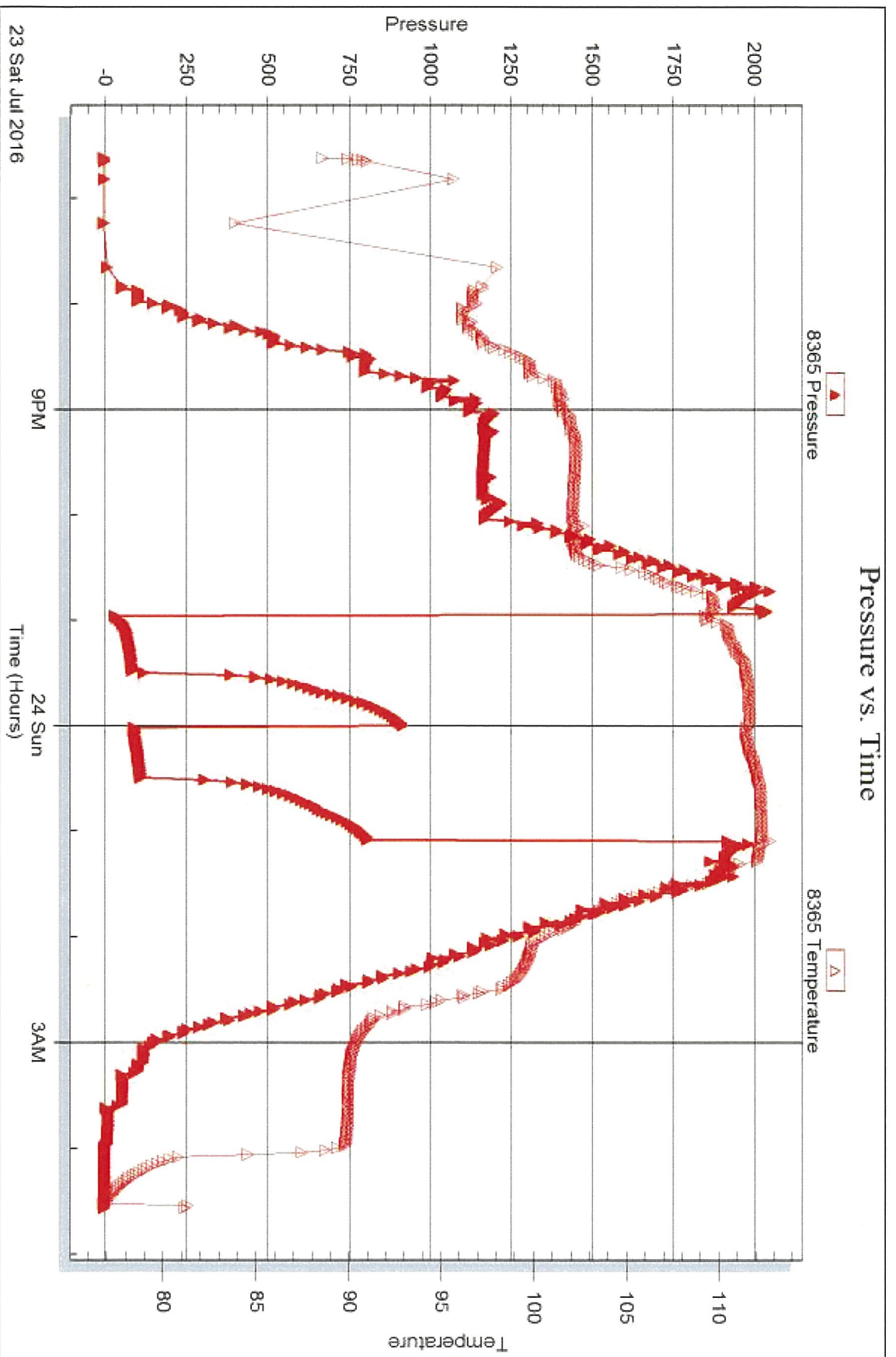
Serial #: 8365

Inside

Palomino Petroleum

Baker HA Unit #1

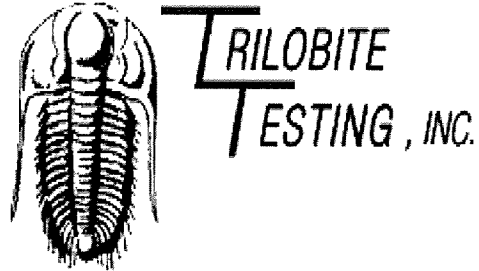
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 65539

Printed: 2016.07.29 @ 10:22:53



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Baker HA Unit #1

4-16s-35w Wichita,KS

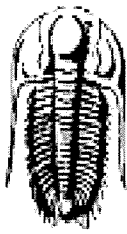
Start Date: 2016.07.24 @ 22:47:00

End Date: 2016.07.25 @ 08:24:30

Job Ticket #: 65540 DST #: 4

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

Printed: 2016.07.29 @ 10:22:28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114

ATTN: Ryan Seib

4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 65540 **DST#: 4**
Test Start: 2016.07.24 @ 22:47:00

GENERAL INFORMATION:

Formation: **LKC E-1**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:49:15
Time Test Ended: 08:24:30

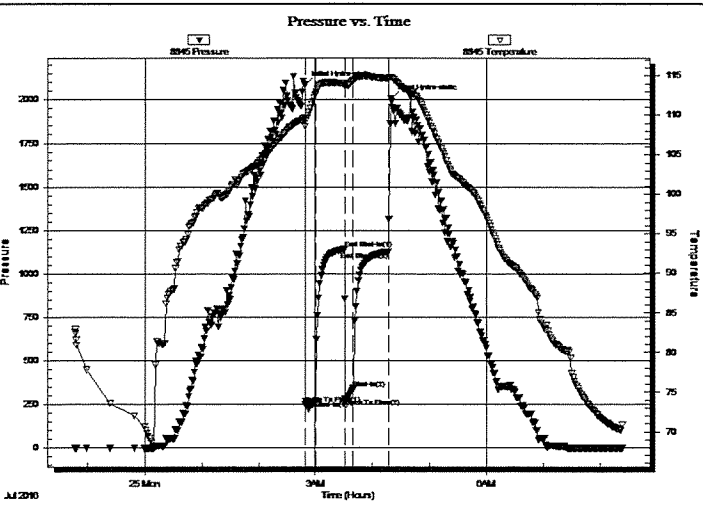
Interval: **4112.00 ft (KB) To 4268.00 ft (KB) (TVD)**
Total Depth: 3987.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 78

Reference Elevations: 3216.00 ft (KB)
3187.00 ft (CF)
KB to GR/CF: 29.00 ft

Serial #: 8845 Outside
Press@RunDepth: 335.61 psig @ 4113.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.07.24 End Date: 2016.07.25 Last Calib.: 2016.07.25
Start Time: 22:47:05 End Time: 08:24:30 Time On Btm: 2016.07.25 @ 02:49:00
Time Off Btm: 2016.07.25 @ 04:19:30

TEST COMMENT: IF: BOB @ 2 min.
IS: No return.
FF: BOB @ 2 1/2 min.
FS: No return.

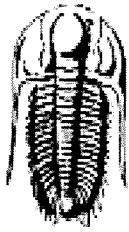


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.40	109.62	Initial Hydro-static
1	248.99	108.55	Open To Flow (1)
12	269.61	112.72	Shut-In(1)
42	1140.73	113.99	End Shut-In(1)
43	280.08	113.72	Open To Flow (2)
51	335.61	114.37	Shut-In(2)
88	1127.97	114.62	End Shut-In(2)
91	2008.88	114.82	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
685.00	mcw 5m 95w (Oil specs in tool)	8.76

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

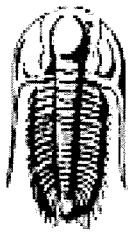
4-16s-35w Wichita, KS
Baker HA Unit #1
Job Ticket: 65540 **DST#: 4**
Test Start: 2016.07.24 @ 22:47:00

Tool Information

Drill Pipe:	Length: 4000.00 ft	Diameter: 3.80 inches	Volume: 56.11 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 93.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 56.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	4112.00 ft			Final 95000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	156.00 ft			
Tool Length:	183.00 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			4086.00	
Shut In Tool	5.00			4091.00	
Hydraulic tool	5.00			4096.00	
Jars	5.00			4101.00	
Safety Joint	2.00			4103.00	
Packer	5.00			4108.00	27.00 Bottom Of Top Packer
Packer	4.00			4112.00	
Stubb	1.00			4113.00	
Recorder	0.00	8365	Inside	4113.00	
Recorder	0.00	8845	Outside	4113.00	
Perforations	23.00			4136.00	
Change Over Sub	1.00			4137.00	
Drill Pipe	127.00			4264.00	
Change Over Sub	1.00			4265.00	
Bullnose	3.00			4268.00	156.00 Bottom Packers & Anchor
Total Tool Length:	183.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 65540 **DST#: 4**
Test Start: 2016.07.24 @ 22:47:00

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:	71000 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
685.00	mcw 5m 95w (Oil specs in tool)	8.762

Total Length: 685.00 ft Total Volume: 8.762 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: rw is .110 @ 69f = 71000ppm

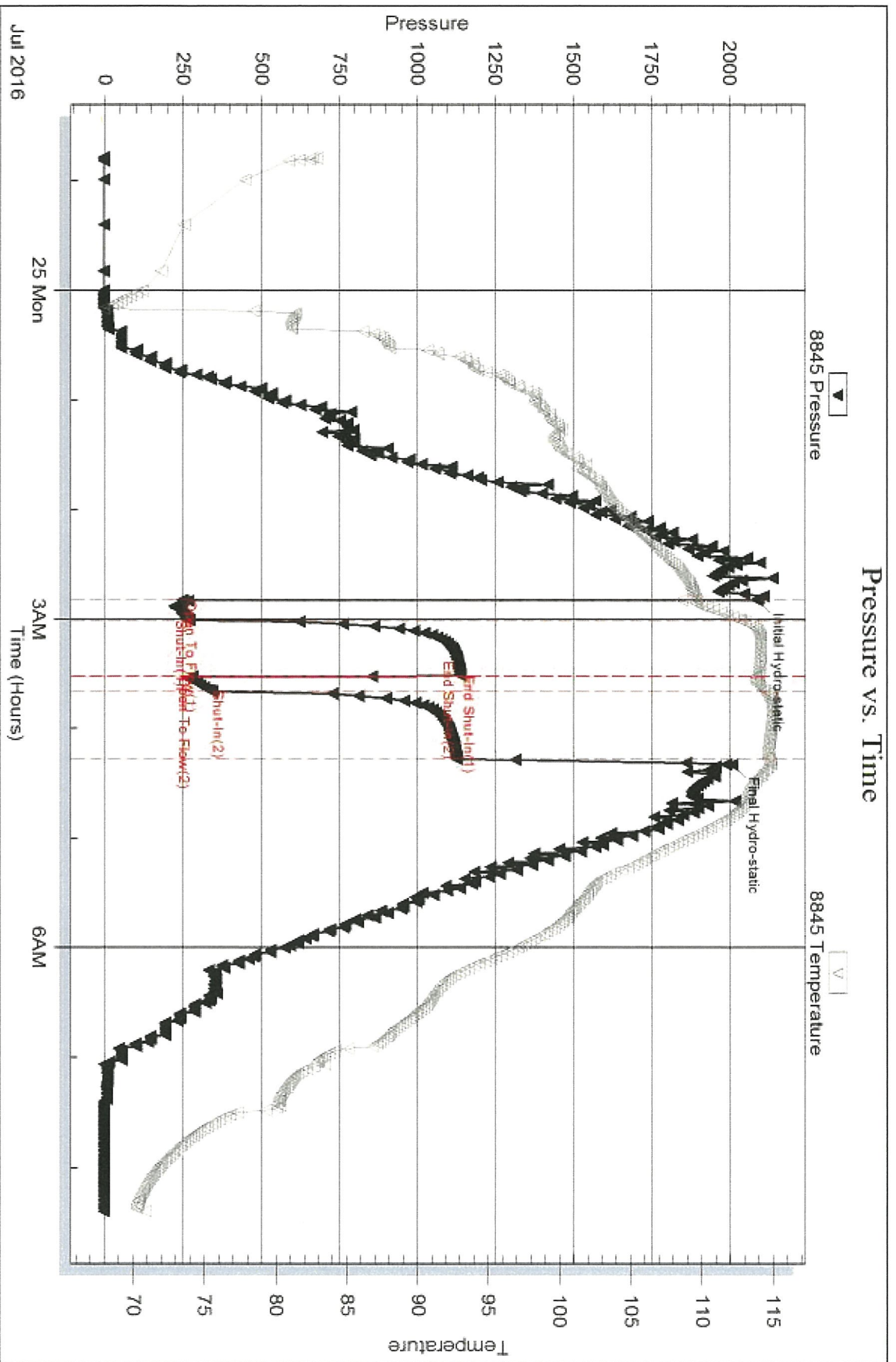
Serial #: 8845

Outside Palomino Petroleum

Baker HA Unit #1

DST Test Number: 4

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 65540

Printed: 2016 07 29 @ 10:22:30

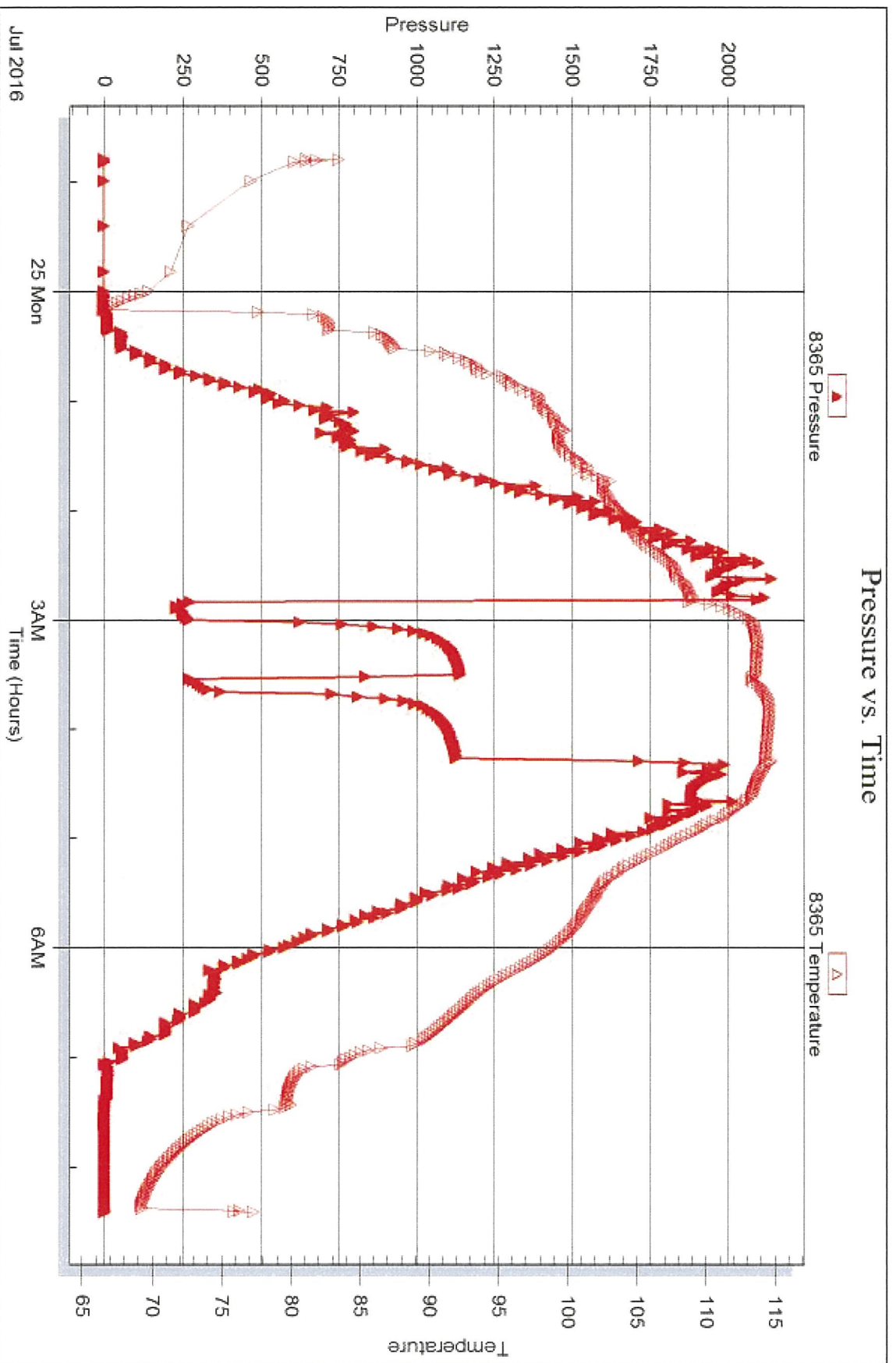
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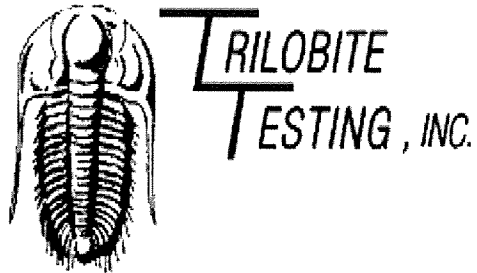
Inside

Palomino Petroleum

Baker HA Unit #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Baker HA Unit #1

4-16s-35w Wichita,KS

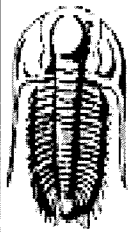
Start Date: 2016.07.25 @ 22:36:00

End Date: 2016.07.26 @ 06:25:00

Job Ticket #: 65541 DST #: 5

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

Printed: 2016.07.29 @ 10:22:01



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

4924 SE 84th St
New ton, KS 67114

ATTN: Ryan Seib

4-16s-35w Wichita, KS

Baker HA Unit #1

Job Ticket: 65541

DST#: 5

Test Start: 2016.07.25 @ 22:36:00

GENERAL INFORMATION:

Formation: **LKC J - L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:08:45

Time Test Ended: 06:25:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: **4266.00 ft (KB) To 4400.00 ft (KB) (TVD)**

Total Depth: 4400.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3216.00 ft (KB)

3187.00 ft (CF)

KB to GR/CF: 29.00 ft

Serial #: 8845 Outside

Press@RunDepth: 435.56 psig @ 4267.00 ft (KB)

Start Date: 2016.07.25

End Date:

2016.07.26

Start Time: 22:36:05

End Time:

06:24:59

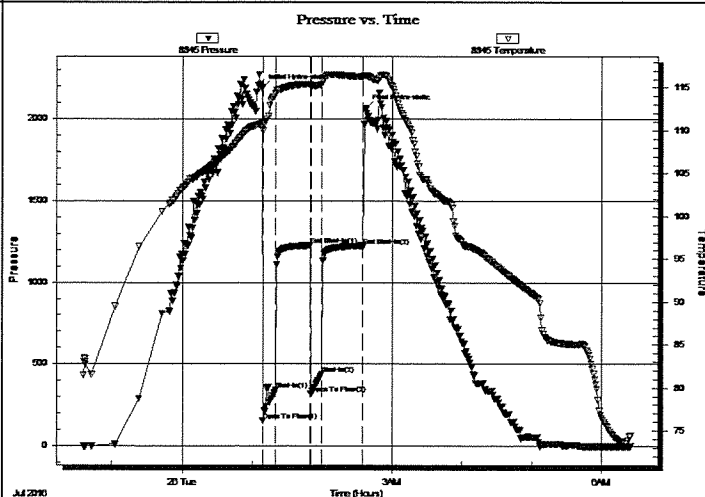
Capacity: 8000.00 psig

Last Calib.: 2016.07.26

Time On Btm: 2016.07.26 @ 01:08:30

Time Off Btm: 2016.07.26 @ 02:37:00

TEST COMMENT: IF: BOB @ 2 minutes.
IS: No return.
FF: BOB @ 3 minutes.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2187.74	110.85	Initial Hydro-static
1	154.09	109.92	Open To Flow (1)
12	343.34	114.33	Shut-In(1)
41	1226.52	115.43	End Shut-In(1)
42	319.45	115.19	Open To Flow (2)
52	435.56	115.36	Shut-In(2)
86	1224.62	116.26	End Shut-In(2)
89	2068.66	116.38	Final Hydro-static

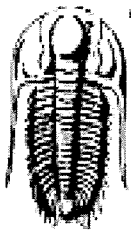
Recovery

Length (ft)	Description	Volume (bbl)
280.00	omcw 20o 20m 60w	3.08
280.00	somcw 3o 40m 57w	3.93
240.00	mcw 20m 80w	3.37

* 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
4924 SE 84th St
New ton, KS 67114

ATTN: Ryan Seib

4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 65541 **DST#: 5**
Test Start: 2016.07.25 @ 22:36:00

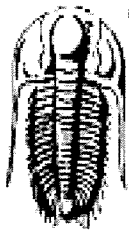
Tool Information

Drill Pipe:	Length: 4160.00 ft	Diameter: 3.80 inches	Volume: 58.35 bbl	Tool Weight: 2500.00 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: 93.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 105000.0 lb
			<u>Total Volume: 58.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 91000.00 lb
Depth to Top Packer:	4266.00 ft			Final 95000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	134.00 ft			
Tool Length:	161.00 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			4240.00	
Shut In Tool	5.00			4245.00	
Hydraulic tool	5.00			4250.00	
Jars	5.00			4255.00	
Safety Joint	2.00			4257.00	
Packer	5.00			4262.00	27.00 Bottom Of Top Packer
Packer	4.00			4266.00	
Stubb	1.00			4267.00	
Recorder	0.00	8365	Inside	4267.00	
Recorder	0.00	8845	Outside	4267.00	
Perforations	33.00			4300.00	
Change Over Sub	1.00			4301.00	
Drill Pipe	95.00			4396.00	
Change Over Sub	1.00			4397.00	
Bullnose	3.00			4400.00	134.00 Bottom Packers & Anchor

Total Tool Length: 161.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

4-16s-35w Wichita,KS

4924 SE 84th St
New ton, KS 67114

Baker HA Unit #1

ATTN: Ryan Seib

Job Ticket: 65541

DST#: 5

Test Start: 2016.07.25 @ 22:36:00

Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	0 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	64000 ppm
Viscosity:	63.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.18 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	5600.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	omcw 20o 20m 60w	3.080
280.00	somcw 3o 40m 57w	3.928
240.00	mcw 20m 80w	3.367

Total Length: 800.00 ft Total Volume: 10.375 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw is .125 @ 67f = 64000ppm

Serial #: 8845

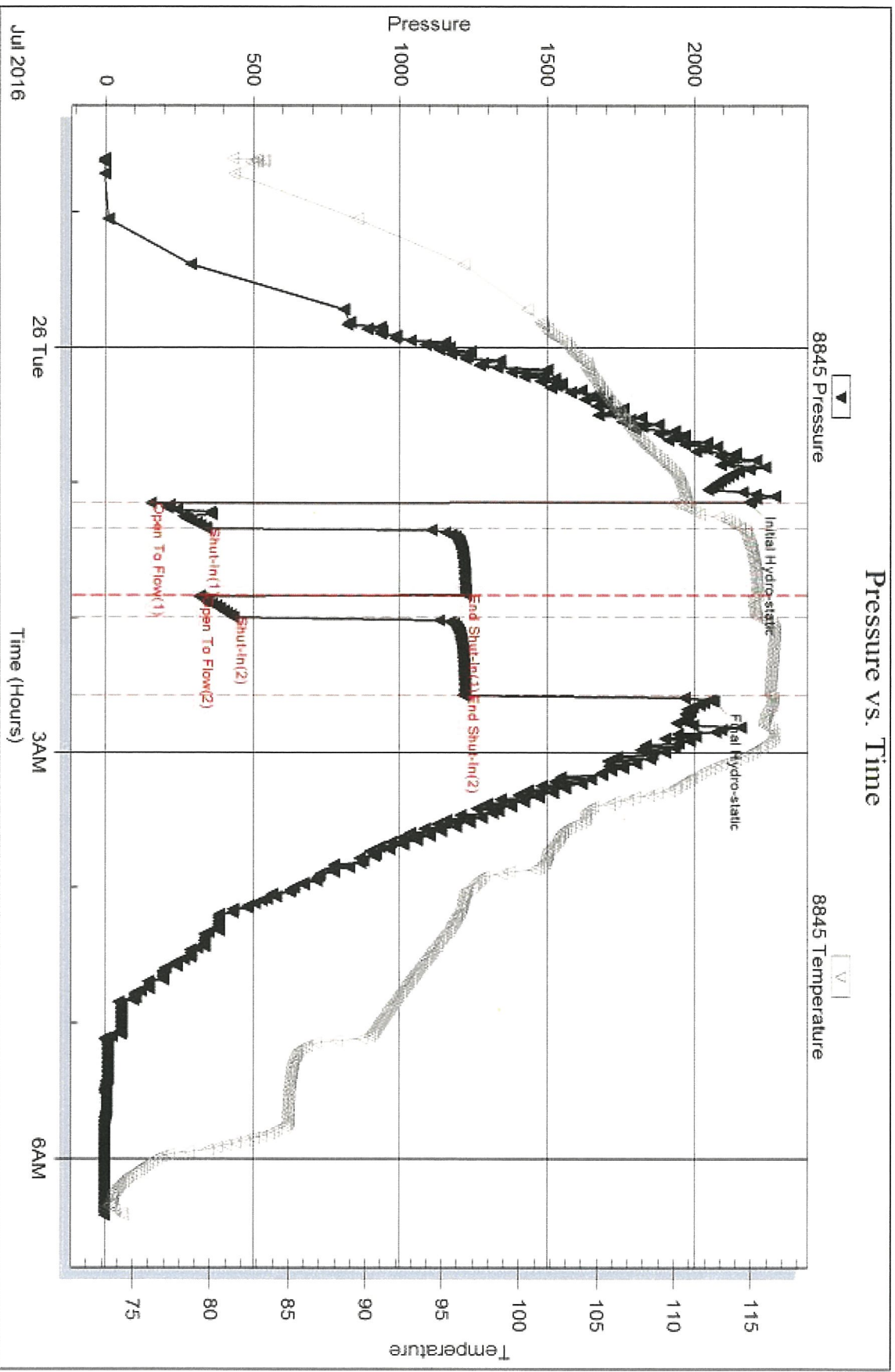
Outside

Palomino Petroleum

Baker HA Unit #1

DST Test Number: 5

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 65541

Printed: 2016.07.29 @ 10:22:03

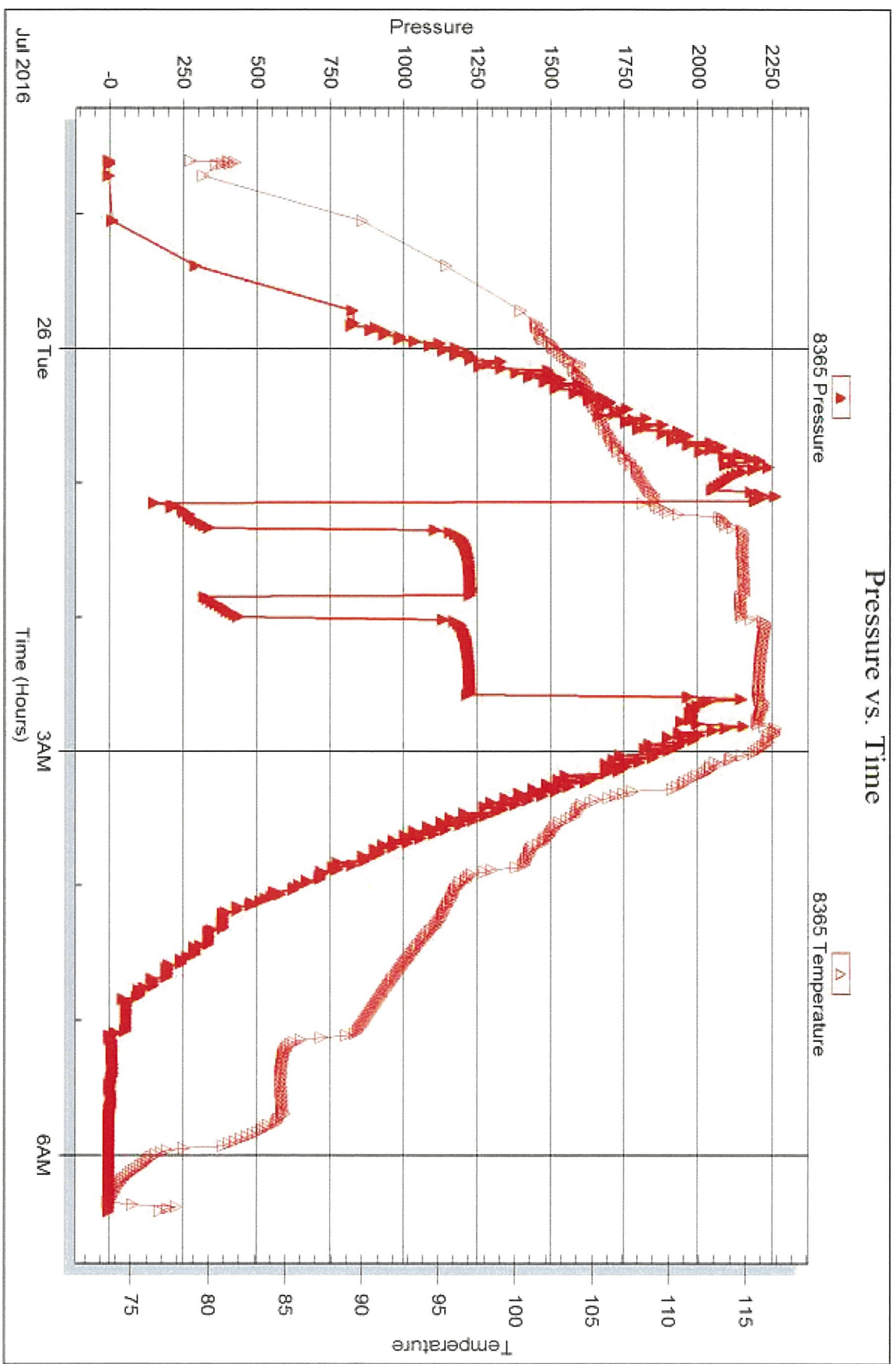
Serial #: 8365

Inside

Palomino Petroleum

Baker HA Unit #1

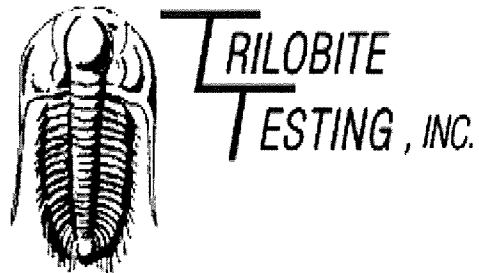
DST Test Number: 5



Tribble Testing, Inc

Ref. No: 65541

Printed: 2016 07 29 @ 10:22:03



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

Baker HA Unit #1

4-16s-35w Wichita,KS

Start Date: 2016.07.26 @ 02:00:15

End Date: 2016.07.26 @ 11:56:30

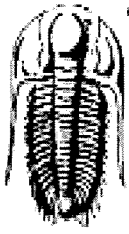
Job Ticket #: 64591 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.07.29 @ 10:19:56



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114
ATTN: Ryan Seib

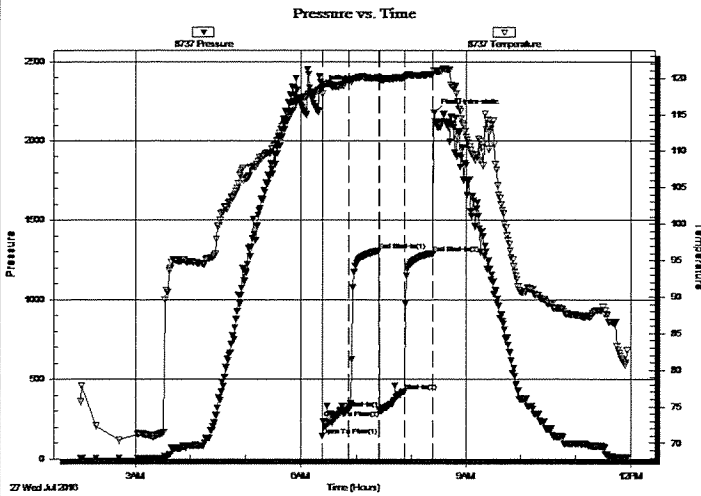
4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 64591 **DST#: 6**
Test Start: 2016.07.26 @ 02:00:15

GENERAL INFORMATION:

Formation: **Marmaton- Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:23:30
Time Test Ended: 11:56:30
Interval: **4381.00 ft (KB) To 4571.00 ft (KB) (TVD)**
Total Depth: 4571.00 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: 3216.00 ft (KB)
3187.00 ft (CF)
KB to GR/CF: 29.00 ft

Serial #: 8737 Outside
Press@RunDepth: 421.43 psig @ 4546.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.07.27 End Date: 2016.07.27 Last Calib.: 2016.07.27
Start Time: 02:00:15 End Time: 11:56:30 Time On Btm: 2016.07.27 @ 06:23:15
Time Off Btm: 2016.07.27 @ 08:24:45

TEST COMMENT: IF:BOB in 10 min.
IS:No return blow
FF:BOB in 11 min.
FS:BOB in 21 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2327.91	118.55	Initial Hydro-static
1	142.92	117.76	Open To Flow (1)
29	314.76	119.66	Shut-In(1)
61	1308.74	120.01	End Shut-In(1)
62	305.72	119.73	Open To Flow (2)
90	421.43	120.04	Shut-In(2)
120	1292.77	120.47	End Shut-In(2)
122	2176.50	120.98	Final Hydro-static

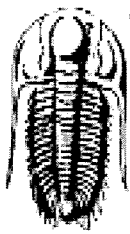
Recovery

Length (ft)	Description	Volume (bbl)
96.00	mcgo thick oil (collar) 10%o 30%g 60%o	0.50
480.00	ocgm 10%o 40%g 50%m	6.73
0.00	GIP= 288 ft	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114

ATTN: Ryan Seib

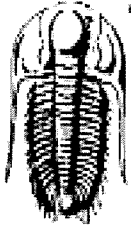
4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 64591 **DST#: 6**
Test Start: 2016.07.26 @ 02:00:15

Tool Information

Drill Pipe:	Length: 4295.00 ft	Diameter: 3.80 inches	Volume: 60.25 bbl	Tool Weight: 2500.00 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: 93.00 ft	Diameter: 2.25 inches	Volume: 0.46 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 60.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 93000.00 lb
Depth to Top Packer:	4381.00 ft			Final 100000.0 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	190.00 ft			
Tool Length:	218.00 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			4354.00	
Shut In Tool	5.00			4359.00	
Hydraulic tool	5.00			4364.00	
Jars	5.00			4369.00	
Safety Joint	3.00			4372.00	
Packer	5.00			4377.00	28.00 Bottom Of Top Packer
Packer	4.00			4381.00	
Stubb	1.00			4382.00	
Perforations	2.00			4384.00	
Change Over Sub	1.00			4385.00	
Drill Pipe	160.00			4545.00	
Change Over Sub	1.00			4546.00	
Recorder	0.00	8646	Inside	4546.00	
Recorder	0.00	8737	Outside	4546.00	
Perforations	20.00			4566.00	
Bullnose	5.00			4571.00	190.00 Bottom Packers & Anchor
Total Tool Length:	218.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum
4924 SE 84th St
New ton, KS 67114

ATTN: Ryan Seib

4-16s-35w Wichita,KS
Baker HA Unit #1
Job Ticket: 64591 **DST#: 6**
Test Start: 2016.07.26 @ 02:00:15

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: 72.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.57 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
96.00	mcgo thick oil (collar) 10%m 30%g 60%o	0.499
480.00	ocgm 10%o 40%g 50%m	6.733
0.00	GIP= 288 ft	0.000

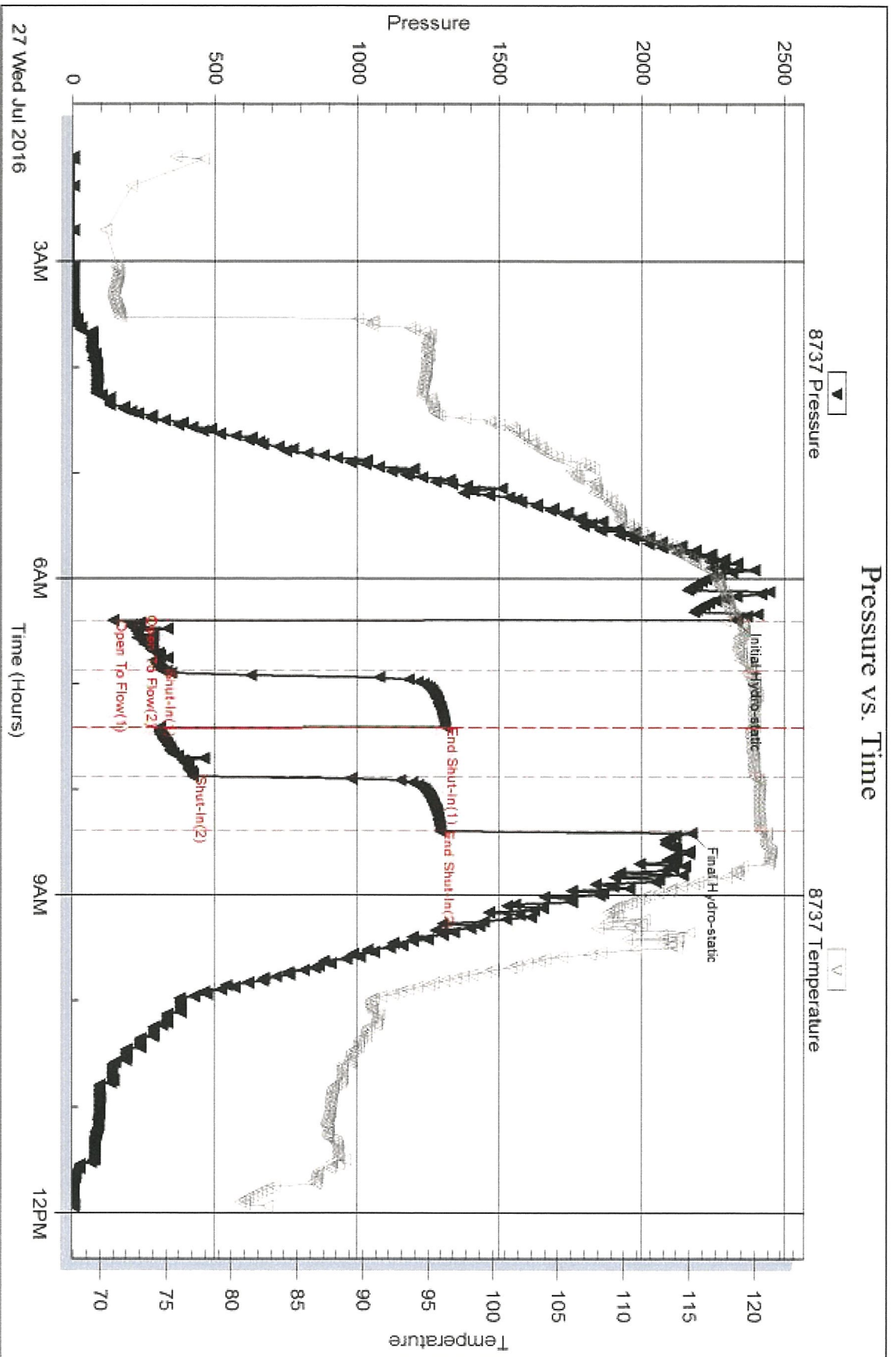
Total Length: 576.00 ft Total Volume: 7.232 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 8737

Outside Palomino Petroleum

Baker HA Unit #1

DST Test Number: 6



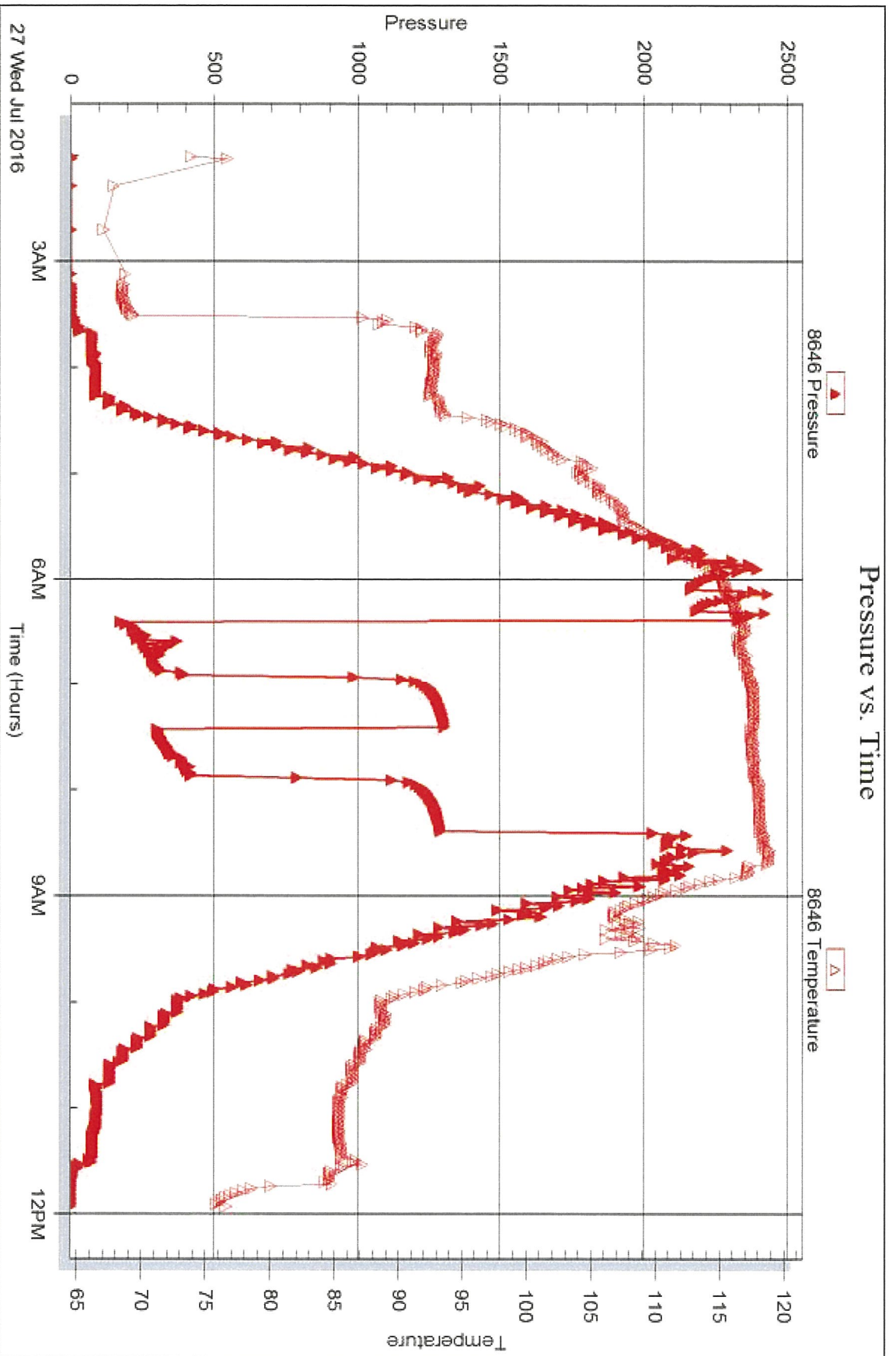
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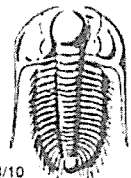
Inside

Palomino Petroleum

Baker HA Unit #1

DST Test Number: 6





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65537

Well Name & No. Baker HA Unit #1 Test No. 1 Date 7/22/2016
 Company Palomino Petroleum Elevation 3216 KB 3197 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW #20
 Location: Sec. 4 Twp. 16S Rge. 35W Co. Wichita State KS

Interval Tested 3886-3987 Zone Tested Topoka
 Anchor Length 101' Drill Pipe Run 3773 Mud Wt. 9.4
 Top Packer Depth 3882 Drill Collars Run 93 Vis 63
 Bottom Packer Depth 3887 Wt. Pipe Run 0 WL 7.2
 Total Depth 101 Chlorides 5600 ppm System LCM 2#

Blow Description IF: BOB@ 3min.
ISI: No return
FF: BOB@ 3min
PSI: No return.

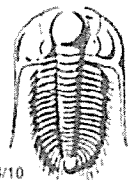
Rec	Feet of	%gas	%oil	%water	%mud
<u>920'</u>	<u>new</u>		<u>90</u>	<u>10</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 920 BHT _____ Gravity _____ API RW .210 @ 72 °F Chlorides 31000 ppm

(A) Initial Hydrostatic 1929 Test 1050 T-On Location 2236 7/21
 (B) First Initial Flow 220 Jars 250 T-Started 0037 7/22
 (C) First Final Flow 318 Safety Joint 75 T-Open 0525
 (D) Initial Shut-In 1012 Circ Sub UX T-Pulled 0700
 (E) Second Initial Flow 332 Hourly Standby _____ T-Out 1024
 (F) Second Final Flow 477 Mileage 73 rt 54.75 Comments _____
 (G) Final Shut-In 984 Sampler _____
 (H) Final Hydrostatic 1870 Straddle _____

Initial Open 15 Ruined Shale Packer _____
 Initial Shut-In 30 Ruined Packer _____
 Final Flow 15 Extra Packer _____
 Final Shut-In 30 Extra Recorder _____
 Day Standby _____
 Accessibility 150 Sub Total 0
 Sub Total 1568.50 Total 1568.50 MP/DST Disc'l _____

Approved By _____ Our Representative [Signature]
 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. 65538

Well Name & No. Baker HA Unit #1 Test No. 2 Date 7/23/2016
 Company Pulaminc Petroleum Elevation 3216 KB 3197 GL
 Address 4924 SE 94th St Newton, ks 67114
 Co. Rep / Geo. Ryan Soib Rig WW 20
 Location: Sec. 4 Twp. 16s Rge. 35W Wich Co. Wichita State Kc

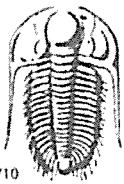
Interval Tested 3986 - 4060 Zone Tested Toronto - LKC A
 Anchor Length 74 Drill Pipe Run 5872 Mud Wt. 9.4
 Top Packer Depth 3981 Drill Collars Run 92 Vis 47
 Bottom Packer Depth 3986 Wt. Pipe Run Ø WL 7.2
 Total Depth 4060 Chlorides 5600 ppm System LCM 2nd
 Blow Description IF BOB @ 5 min
ISI No return.
FF BOB @ 9 min.
FSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>820</u>	<u>MCW</u>		<u>95</u>	<u>5</u>	
	<u>oil spots</u>				<u>Throughout</u>

Rec Total 820 BHT 114 Gravity — API RW .157 @ 74 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic <u>2009</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2130</u>
(B) First Initial Flow <u>66</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2230</u>
(C) First Final Flow <u>252</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0210</u>
(D) Initial Shut-In <u>1045</u>	<input checked="" type="checkbox"/> Circ Sub <u>✓</u>	T-Pulled <u>0410</u>
(E) Second Initial Flow <u>252</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0802</u>
(F) Second Final Flow <u>391</u>	<input checked="" type="checkbox"/> Mileage <u>54.75</u>	Comments
(G) Final Shut-In <u>1024</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2939</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Accessibility <u>150</u>	Total <u>1668.50</u>
Final Shut-In <u>30</u>	Sub Total <u>1668.50</u>	MP/DST Disc't

Approved By _____ Our Representative [Signature]
 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. 65539

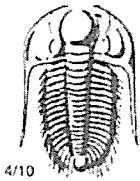
Well Name & No. Baker HA Unit #1 Test No. 3 Date 7/24/2016
 Company Palomino Petroleum Elevation 3216 KB 3197 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW #20
 Location: Sec. 4 Twp. 16S Rge. 35W Co. Wichita State KS

Interval Tested 4062 4110 Zone Tested LKC C&D
 Anchor Length 48' Drill Pipe Run 3968 Mud Wt. 9.5
 Top Packer Depth 4057 Drill Collars Run 93 Vis 51
 Bottom Packer Depth 4062 Wt. Pipe Run 0 WL 8.5
 Total Depth 4110 Chlorides 6500 ppm System LCM 3#
 Blow Description IF 3" blow
ISI No return
FF 2" blow
PSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>210</u>	<u>mcw</u>			<u>60</u>	<u>40</u>
	<u>W/OIL SPOTS</u>				

Rec Total 210 BHT 113 Gravity — API RW .259 @ 70 °F Chlorides 26,000 ppm
 (A) Initial Hydrostatic 2051 Test 1150 T-On Location 1806
 (B) First Initial Flow 24 Jars 250 T-Started 1837
 (C) First Final Flow 83 Safety Joint 75 T-Open 1057
 (D) Initial Shut-In 919 Circ Sub 4/2 T-Pulled 0100
 (E) Second Initial Flow 86 Hourly Standby _____ T-Out 0434
 (F) Second Final Flow 108 Mileage 54.75 Comments _____
 (G) Final Shut-In 808 Sampler _____
 (H) Final Hydrostatic 1474 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility 150
 Sub Total 1668.50
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1668.50
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 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. 65540

Well Name & No. Baker HA Unit #1 Test No. 4 Date 7/25/2016
 Company Palomino Petroleum Elevation 3216 KB 3197 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW 20
 Location: Sec. 4 Twp. 16s Rge. 35w Co. Wichita, KS State KS

Interval Tested 4112 - 4268 Zone Tested LRC E-I
 Anchor Length 1.96 Drill Pipe Run 4,000 Mud Wt. 9.5
 Top Packer Depth 4107 Drill Collars Run 9.3 Vis 53
 Bottom Packer Depth 4112 Wt. Pipe Run 0 WL 8.8
 Total Depth 4268 Chlorides 7500 ppm System LCM R#

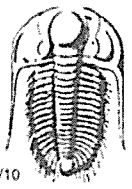
Blow Description IF: BOB @ 2 min
ISI: No return.
FF: BOB @ 2 1/2 min
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>865</u>	<u>mcw</u>		<u>95</u>	<u>5</u>	
	<u>oil specks in tool</u>				

Rec Total 865 BHT 114 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2087</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2130</u>
(B) First Initial Flow <u>249</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2247</u>
(C) First Final Flow <u>270</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0249</u>
(D) Initial Shut-In <u>1141</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/L</u>	T-Pulled <u>0410</u>
(E) Second Initial Flow <u>290</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0824</u>
(F) Second Final Flow <u>336</u>	<input checked="" type="checkbox"/> Mileage <u>43.50</u>	Comments
(G) Final Shut-In <u>1128</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2009</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>10</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>10</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby <u>150</u>	Total <u>1668.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1668.50</u>	

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged or 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. 65541

Well Name & No. Baker H A Unit #1 Test No. 5 Date 7/26/2016
 Company Palomino Petroleum Elevation 3216 KB 3197 GL
 Address 4924 SE 84th St Newton, ks 67114
 Co. Rep / Geo. Ryan Seib Rig WW 20
 Location: Sec. 4 Twp. 16S Rge. 35W Co. Wichita State KS

Interval Tested 4266-4400 Zone Tested LKC 5-L
 Anchor Length 134 Drill Pipe Run 4160 Mud Wt. 9.6
 Top Packer Depth 4261 Drill Collars Run 93 Vis 50
 Bottom Packer Depth 4266 Wt. Pipe Run 0 WL ~~2~~ 4.0
 Total Depth 4400 Chlorides 6,000 ppm System LCM 2#

Blow Description JF 1 BOB @ 2 minutes
ISI : No return
FF : BOB @ 3 minutes
FSI : No return.

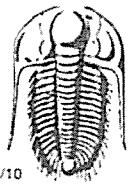
Rec	Feet of	%gas	%oil	%water	%mud
<u>240</u>	<u>MCW</u>			<u>80</u>	<u>20</u>
<u>280</u>	<u>SOMCW</u>		<u>3</u>	<u>57</u>	<u>40</u>
<u>280</u>	<u>OMCW</u>		<u>20</u>	<u>60</u>	<u>20</u>

Rec Total 800 BHT 116 Gravity — API RW .125 @ 67 °F Chlorides 64,000 ppm

(A) Initial Hydrostatic <u>2189</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2130 7/25</u>
(B) First Initial Flow <u>154</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2236</u>
(C) First Final Flow <u>343</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0110</u>
(D) Initial Shut-In <u>1227</u>	<input checked="" type="checkbox"/> Circ Sub <u>50</u>	T-Pulled <u>0230</u>
(E) Second Initial Flow <u>319</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0625 7/26</u>
(F) Second Final Flow <u>436</u>	<input checked="" type="checkbox"/> Mileage <u>43.50</u>	Comments
(G) Final Shut-In <u>1225</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2069</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>10</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>10</u>	<input type="checkbox"/> Day Standby	Total <u>1668.50</u>
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Accessibility <u>150</u>	MP/DST Disc't
	Sub Total <u>1668.50</u>	

Approved By _____ Our Representative

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 64591

Well Name & No. Baker HA Unit #1 Test No. 6 Date 7-27-17
 Company Palomino Petroleum Elevation 3216 KB 3187 GL
 Address 4924 SE 84th St, Newton KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW20
 Location: Sec. 4 Twp. 16s Rge. 35w Co. Wichita State KS

Interval Tested 4381-4571 Zone Tested Marmaton-Pawnee
 Anchor Length 190' Drill Pipe Run 4295 Mud Wt. 9.6
 Top Packer Depth 4376 Drill Collars Run 93 Vis 72
 Bottom Packer Depth 4381 Wt. Pipe Run Ø WL 9.6
 Total Depth 4571 Chlorides 8000 ppm System LCM 3

Blow Description IF: BOB in 10 Min
IS: No Return blow
FF: BOB in 11 Min
FS: BOB in 21 Min

Rec	Feet of	%gas	%oil	%water	%mud
<u>96</u>	<u>Feet of MCGO thick oil (collar) 30</u>	<u>60</u>		<u>10</u>	
<u>480</u>	<u>Feet of OCgm 40</u>	<u>10</u>		<u>50</u>	
<u>Ø</u>	<u>Feet of GIP = 288'</u>	<u>100</u>			

Rec Total 576 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>2327</u>	<input checked="" type="checkbox"/> Test	<u># 1150.⁰⁰</u>	T-On Location	<u>00:09</u>
(B) First Initial Flow	<u>142</u>	<input checked="" type="checkbox"/> Jars	<u># 250.⁰⁰</u>	T-Started	<u>02:00</u>
(C) First Final Flow	<u>314</u>	<input checked="" type="checkbox"/> Safety Joint	<u># 75.⁰⁰</u>	T-Open	<u>06:22</u>
(D) Initial Shut-In	<u>1308</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NC</u>	T-Pulled	<u>08:22</u>
(E) Second Initial Flow	<u>305</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>11:56</u>
(F) Second Final Flow	<u>421</u>	<input checked="" type="checkbox"/> Mileage	<u>RT58 = 43.50</u>	Comments	<u>Loaded Tools</u>
(G) Final Shut-In	<u>1292</u>	<input type="checkbox"/> Sampler	<u>X2</u>		<u>7-28-16 23:00</u>
(H) Final Hydrostatic	<u>2176</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>1712</u>
		<input checked="" type="checkbox"/> Accessibility	<u># 150.⁰⁰</u>	MP/DST Disc't	
		Sub Total	<u>4468.50</u>		

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.

Carla Penwell

From: Karla Eilert
Sent: Friday, July 29, 2016 12:12 PM
To: Carla Penwell
Subject: Sharon Boles

Carla,

Sharon Boles called and said she had received a letter from you requesting the address/contact info for her brother. He is deceased and his estate is still in probate. She is going to try to get some info from his daughter. I told her you would return her call but it would be later next week. (785) 391-2275

Thanks.

Karla