



CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

KET NUMBER 49416

LOCATION Oakley KS

FOREMAN Dane Droteloff

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-17-14	6285	R555 #1	18	14	30	Gove
CUSTOMER			ORION KS South Co. East into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			772	MIKE		
STATE			460	LARRY		
ZIP CODE						

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 220 CASING SIZE & WEIGHT _____
 CASING DEPTH 220 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk 6.50 CEMENT LEFT in CASING 20
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting. Rig up mix 165 SKS Class A 3+2. Displace 12.74 BBLS
Shut in. Cement did circulate

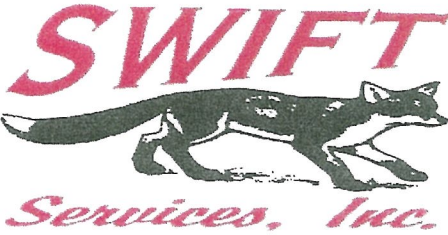
Thanks Dane & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1150.00	1150.00
5406	25	MILEAGE	5.25	131.25
5407	7.8	Ton mileage Delivery Com	1.75	470.00
11043	165 SKS	Class A cement	18.55	3060.75
1167	465	Calcium chloride	.97	456.05
1118A	310	Bentonite	.27	83.70
			Sub	5306.75
			less 15%	796.01
			Total	4510.74
			SALES TAX	
			ESTIMATED TOTAL	

Ravin 3737

AUTHORIZATION Mark Byse TITLE Tech Pumper DATE 3-17-15

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records at our office, and conditions of service on the back of this form are in effect for services identified on this for



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



Invoice

DATE	INVOICE #
4/3/2015	28360

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

RECEIVED
 APR 10 2015

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	RS	Gove	Express Well Serv...	Oil	Development	Cement Port Collar	Blaine

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	80	Miles	5.00	400.00
576D-D	Pump Charge - Port Collar	1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)	175	Sacks	15.75	2,756.25T
276	Flocele	50	Lb(s)	2.25	112.50T
290	D-Air	2	Gallon(s)	42.00	84.00T
104	5 1/2" Port Collar Tool Rental	1	Each	200.00	200.00T
581D	Service Charge Cement	300	Sacks	1.50	450.00
583D	Drayage	1,194.1	Ton Miles	0.75	895.58
	Subtotal				6,148.33
	Sales Tax Gove County			7.15%	225.42

We Appreciate Your Business!	Total	\$6,373.75
-------------------------------------	--------------	------------



TICKET 28360

CHARGE TO: Palomino Pet Services
 ADDRESS:
 CITY, STATE, ZIP CODE:

PAGE 1 OF 1

SERVICE LOCATIONS: 1. <u>Ness City, KS</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>RS</u>	COUNTY/PARISH <u>Cove</u>	STATE <u>KS</u>	CITY <u>Cove</u>	DATE <u>3 APR 14</u>	OWNER
	TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR	RIG NAME/NO.	SHIPPED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	DELIVERED TO <u>location</u>	ORDER NO.	
	WELL TYPE	WELL CATEGORY <u>EXPLOR</u>	JOB PURPOSE <u>Development</u>	WELL PERMIT NO.	WELL LOCATION <u>15-14-30</u>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE	42R	114			5.20	480.00
576D		1			Pump Charge	1	ea			1250.00	1250.00
33D		1			SWD cement	125	sk			15.75	2756.25
276		1			Flocelle	50	lb			2.25	112.50
290		1			DRAIN	2	gal			42.00	84.00
581		1			SERVICE charge	300	hr			1.50	450.00
583		1			Drayage	23730	lb		1194.71M	0.25	595.58
104		1			Pet collar - test Rental	55	in		1 ea	2.00	200.00

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.

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

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

DATE SIGNED: 3/11/14 TIME SIGNED: A.M. P.M.

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	

CUSTOMER DID NOT WISH TO RESPOND

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

SWIFT OPERATOR: ABR APPROVAL: ABR

TOTAL: 6373.7

Govt TAX 7.15% 225.40

Thank You.

JOB LOG

SWIFT Services, Inc.

DATE 3 APR 15 PAGE NO.

CUSTOMER *Adriano Petroleum* WELL NO. *#1* LEASE *RS* JOB TYPE *Cement port collar* TICKET NO. *28360*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								<i>30 sk SMD cement w/ 4% flocc</i> <i>27" x 5 1/2" Port Collar - 2293'</i>
	<i>0910</i>							<i>on loc TRK 114</i>
	<i>0918</i>					<i>1000</i>	<i>1000</i>	<i>test to 1000psi - held</i> <i>open port collar</i>
	<i>0927</i>	<i>3 1/2</i>	<i>2</i>			<i>200</i>		<i>inj rate. 3 1/2 bpm @ 200 psi.</i>
	<i>0931</i>	<i>3 1/2</i>				<i>200</i>		<i>mix SMD cement @ 11.2 ppg</i>
		<i>3 1/2</i>	<i>11</i>			<i>200</i>		<i>- fluid to surface -</i>
		<i>3 1/2</i>	<i>94</i>			<i>400</i>		<i>— cement to surface —</i> <i>{ 175 sk mixed }</i> <i>{ 15 top it }</i>
	<i>1005</i> <i>1008</i>	<i>3 1/2</i>	<i>12</i>			<i>400</i>		<i>Displace w/ H₂O 12 bbl</i> <i>Run 5 joints</i>
	<i>1012</i>							<i>Reverse hole clean</i> <i>- 2 cement plugs -</i>
	<i>1025</i>							<i>wash truck</i> <i>Back up</i>
	<i>1100</i>							<i>job complete</i> <i>Thanks</i> <i>Blair Flint & Preston</i>

SWIFT



Services, Inc.

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



RECEIVED

APR 03 2015

Invoice

DATE	INVOICE #
3/27/2015	28441

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	RSSS	Gove	WW Drilling Rig #6	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	5.00	400.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
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				13	Each	75.00	975.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
276	Flocele				65	Lb(s)	2.25	146.25T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	30.00	150.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
290	D-Air				2.5	Gallon(s)	42.00	105.00T
325	Standard Cement				100	Sacks	12.25	1,225.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.75	1,968.75T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				916.6	Ton Miles	0.75	687.45
	Subtotal							12,019.95
	Sales Tax Gove County						7.90%	738.26

We Appreciate Your Business!	Total	\$12,758.21
-------------------------------------	--------------	-------------



CHARGE TO: **Palomino Petroleum**
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 28441
 PAGE 1 OF 2

SERVICE LOCATIONS: 1. **Ness City, KS**

WELL/PROJECT NO. **R5541** LEASE **R5541** COUNTY/PARISH **GOVE** STATE **KS** CITY **GOVE, KS** DATE **27 MAR 15** OWNER

TICKET TYPE SERVICE SALES CONTRACTOR **WWD TRLE RIG Co** RIG NAME/NO.

WELL TYPE **DIL** WELL CATEGORY **DEFERMENT** JOB PURPOSE **S&L ON STRIKE** WELL PERMIT NO.

WELL LOCATION **Sto Mo. Flats Rd, 1800, 15N ESTO**

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT								
75				MILEAGE #115	80	mi				5.00	400.00
578				Pump Charge	1	hr				1250.00	1250.00
403				Cement Baskets	2	ea.				250.00	500.00
404				Port Coluar	1	ea.				2500.00	2500.00
406				LATCH DOWN PUG & BARREL	1	ea.				225.00	225.00
407				USER FLOAT SHD W/FILL	1	ea.				300.00	300.00
409				TURBUZER	1.3	ea.				75.00	97.50
419				ROTATING HEAD RESTAL	1	job				200.00	200.00
281				MUD FLUSH	500	gal				1.35	675.00
281				LIQUID RCL	4	gal				25.00	100.00

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 **27 MAR 15** TIME SIGNED **1430** A.M. P.M.

REMIT PAYMENT TO:

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

SURVEY

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? YES NO

PAGE TOTAL	1	7075.00
TOTAL	2	12,758.00
G.W.E. TAX	7.9%	738.00
Subtotal		12,019.00

SWIFT OPERATOR **[Signature]** APPROVAL **[Signature]**

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

Thank You



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

TICKET CONTINUATION

TICKET No. 28441

CLIENT: PALOMINO PETROLEUM

WELL: R55#1

DATE: 27MAR15 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT	
		LOC	ACCT			DF	QTY	U/M	QTY			U/M
276					EDGELE					105 lbs	2.35	1410.25
283					SALT					580 lbs	2.92	1672.00
284					CALSEAK					5 SX	30.00	152.00
285					CFR-1					50 lbs	4.50	225.00
290					D-AIR					25 gal	4.20	105.00
325					STANDARD EA-2					100 SX	12.25	1225.00
330					SMD CEMENT					125 SX	15.75	1968.75
581					SERVICE CHARGE					225	1.50	337.50
583					MILEAGE CHARGE					289.5	75	1087.45
CONTINUATION TOTAL											4944.95	

JOB LOG

SWIFT Services, Inc.

DATE: 27 MAR 15 PAGE NO.

CUSTOMER: PALMIND PETROLEUM

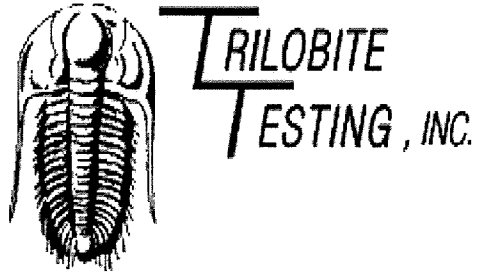
WELL NO.

LEASE: RSSS #1

JOB TYPE: 52 LONG STRING

TICKET NO. 28441

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0915							ON LOCATION
	1015							START PIPE 5 1/2 - 14 # BTDC @ 4764 LTD @ 4764 SHOE JT. 44.68 TP 4764 CENTRALIZERS 1,3,5,7,9,11,13,14,15,17,18,19,56 BASKETS 2,57 PORT COLLAR #57 @ 2293
	1204							DROP BALL CIRCULATE.
	1304	6	12			300		Pump 500 gal MUD FLASH
		6	20			300		Pump 20 Bbl KCL SPACER
	1310		7					PLUG RH - 30 SX
	1315	4	36					MIX 95 SX SMD
		4	24					MIX 100 SX EA-2
	1332							WASH OUT Pump & LINES.
	1335	6						START DISPLACING PLUG.
	1355	0	115			1500		PLUG DOWN - LATCHA PLUG IN.
	1358							RELEASE PSI - DRY
	1408							WASH TRUCK
								JOB COMPLETE
	1430							THANKS #115
								JASON DAVE COLE PRESTON



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

RS #1

18-14s-30w Gove, KS

Start Date: 2015.03.21 @ 15:44:54

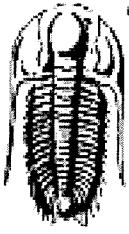
End Date: 2015.03.21 @ 21:19:24

Job Ticket #: 61529 DST #: 1

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

Printed: 2015.03.27 @ 14:23:18

Palomino Petroleum 18-14s-30w Gove, KS RS #1 DST # 1 LKC C-F 2015.03.21



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

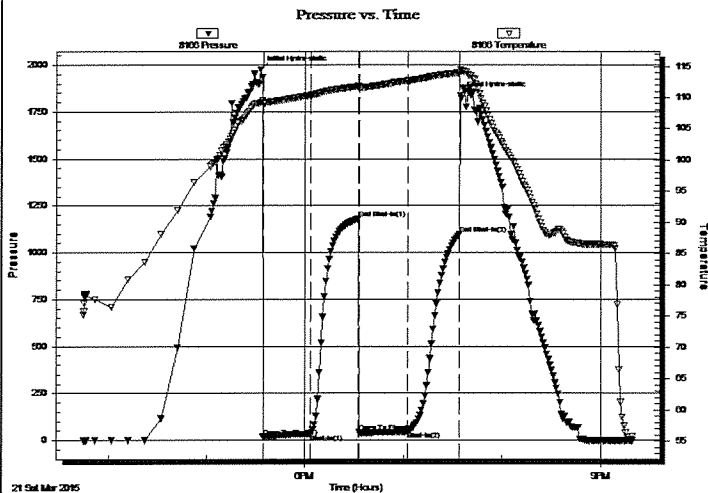
18-14s-30w Gove, KS
RS #1
 Job Ticket: 61529 **DST#: 1**
 Test Start: 2015.03.21 @ 15:44:54

GENERAL INFORMATION:

Formation: **LKC C-F**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:34:24 Tester: Brandon Turley
 Time Test Ended: 21:19:24 Unit No: 79
 Interval: **3978.00 ft (KB) To 4050.00 ft (KB) (TVD)** Reference Elevations: 2874.00 ft (KB)
 Total Depth: 4050.00 ft (KB) (TVD) 2869.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8166 **Outside**
 Press@RunDepth: 45.08 psig @ 3979.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.21 End Date: 2015.03.21 Last Calib.: 2015.03.21
 Start Time: 15:44:59 End Time: 21:19:23 Time On Btm: 2015.03.21 @ 17:32:54
 Time Off Btm: 2015.03.21 @ 19:34:24

TEST COMMENT: IF: Surface blow built to 1/4"
 IS: No return.
 FF: Surface blow never built.
 FS: No return.



PRESSURE SUMMARY

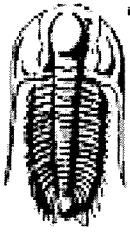
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1976.00	109.27	Initial Hydro-static
2	17.04	109.01	Open To Flow (1)
31	33.26	110.35	Shut-In(1)
60	1180.05	111.79	End Shut-In(1)
60	39.82	111.33	Open To Flow (2)
90	45.08	112.67	Shut-In(2)
121	1098.52	113.96	End Shut-In(2)
122	1837.74	114.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
61.00	ocm 5%o 95% m	0.30
1.00	free oil 100%o	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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

18-14s-30w Gove, KS

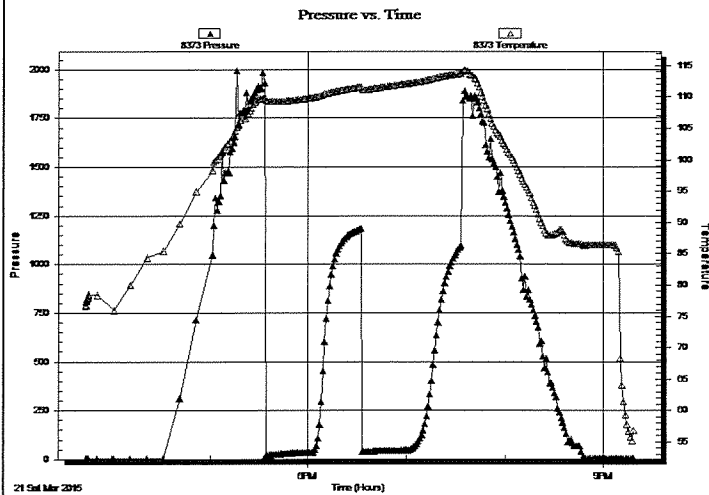
RS #1
Job Ticket: 61529 **DST#: 1**
Test Start: 2015.03.21 @ 15:44:54

GENERAL INFORMATION:

Formation: **LKC C-F**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:34:24 Tester: Brandon Turley
 Time Test Ended: 21:19:24 Unit No: 79
 Interval: **3978.00 ft (KB) To 4050.00 ft (KB) (TVD)** Reference Elevations: 2874.00 ft (KB)
 Total Depth: 4050.00 ft (KB) (TVD) 2869.00 ft (CF)
 Hole Diameter: 7.88 inchesHole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
 Press@RunDepth: psig @ 3979.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.21 End Date: 2015.03.21 Last Calib.: 2015.03.21
 Start Time: 15:44:15 End Time: 21:18:39 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Surface blow built to 1/4"
 IS: No return.
 FF: Surface blow never built.
 FS: No return.



PRESSURE SUMMARY

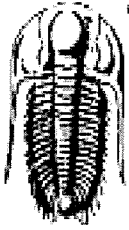
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
61.00	ocm 5%o 95%m	0.30
1.00	free oil 100%o	0.00

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61529 **DST#: 1**
Test Start: 2015.03.21 @ 15:44:54

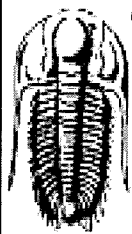
Tool Information

Drill Pipe:	Length: 3836.00 ft	Diameter: 3.80 inches	Volume: 53.81 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 54.41 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3978.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	72.00 ft			
Tool Length:	99.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3952.00	
Shut In Tool	5.00			3957.00	
Hydraulic tool	5.00			3962.00	
Jars	5.00			3967.00	
Safety Joint	2.00			3969.00	
Packer	5.00			3974.00	27.00 Bottom Of Top Packer
Packer	4.00			3978.00	
Stubb	1.00			3979.00	
Recorder	0.00	8373	Inside	3979.00	
Recorder	0.00	8166	Outside	3979.00	
Perforations	1.00			3980.00	
Change Over Sub	1.00			3981.00	
Drill Pipe	63.00			4044.00	
Change Over Sub	1.00			4045.00	
Bullnose	5.00			4050.00	72.00 Bottom Packers & Anchor

Total Tool Length: 99.00



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61529 **DST#: 1**
Test Start: 2015.03.21 @ 15:44:54

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: 63.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.17 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	ocm 5%o 95%m	0.300
1.00	free oil 100%o	0.005

Total Length: 62.00 ft Total Volume: 0.305 bbl

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

Laboratory Name: Laboratory Location:

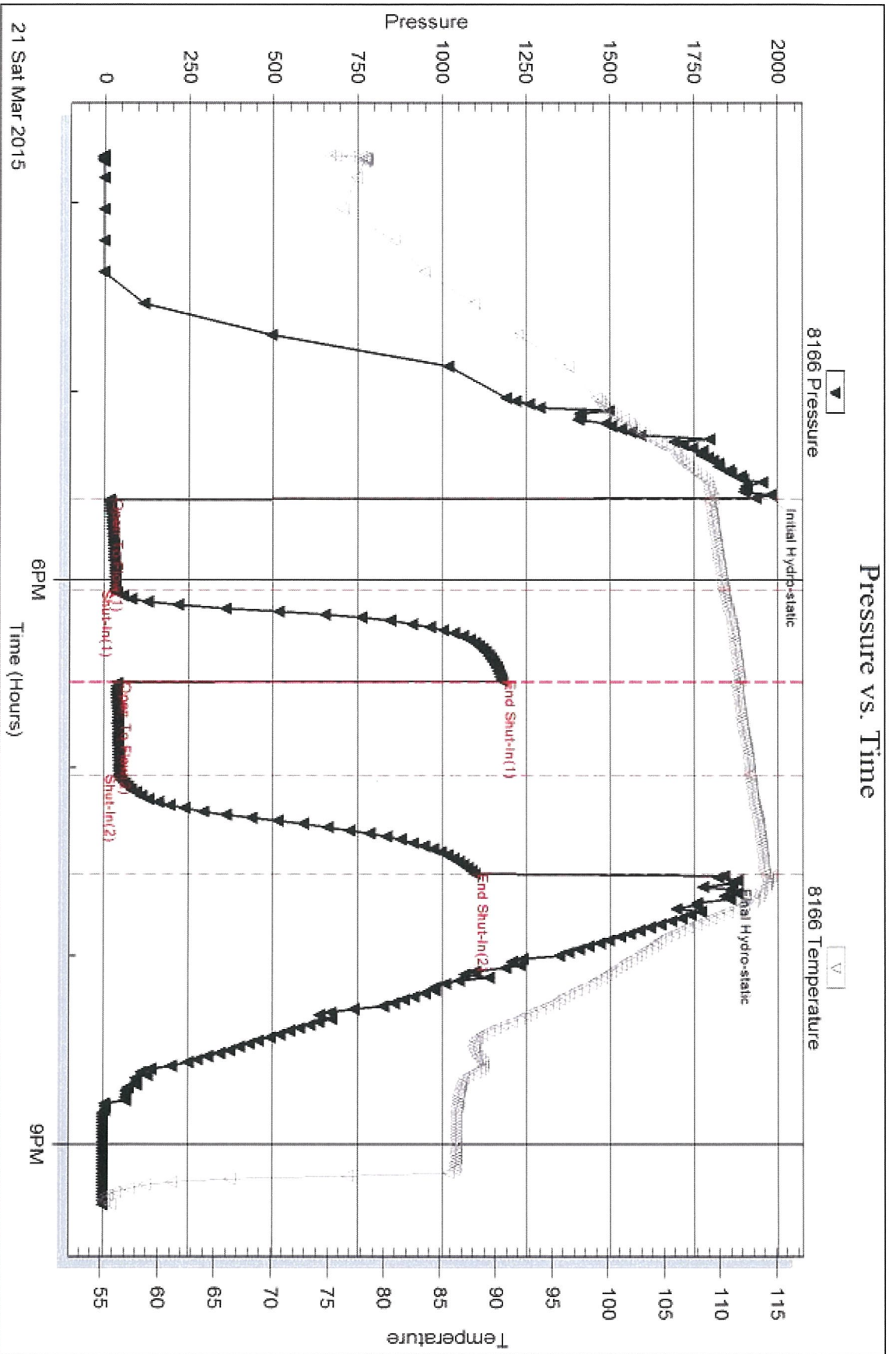
Recovery Comments:

Serial #: 8166

Outside Palominu Petroleum

RS #1

DST Test Number: 1



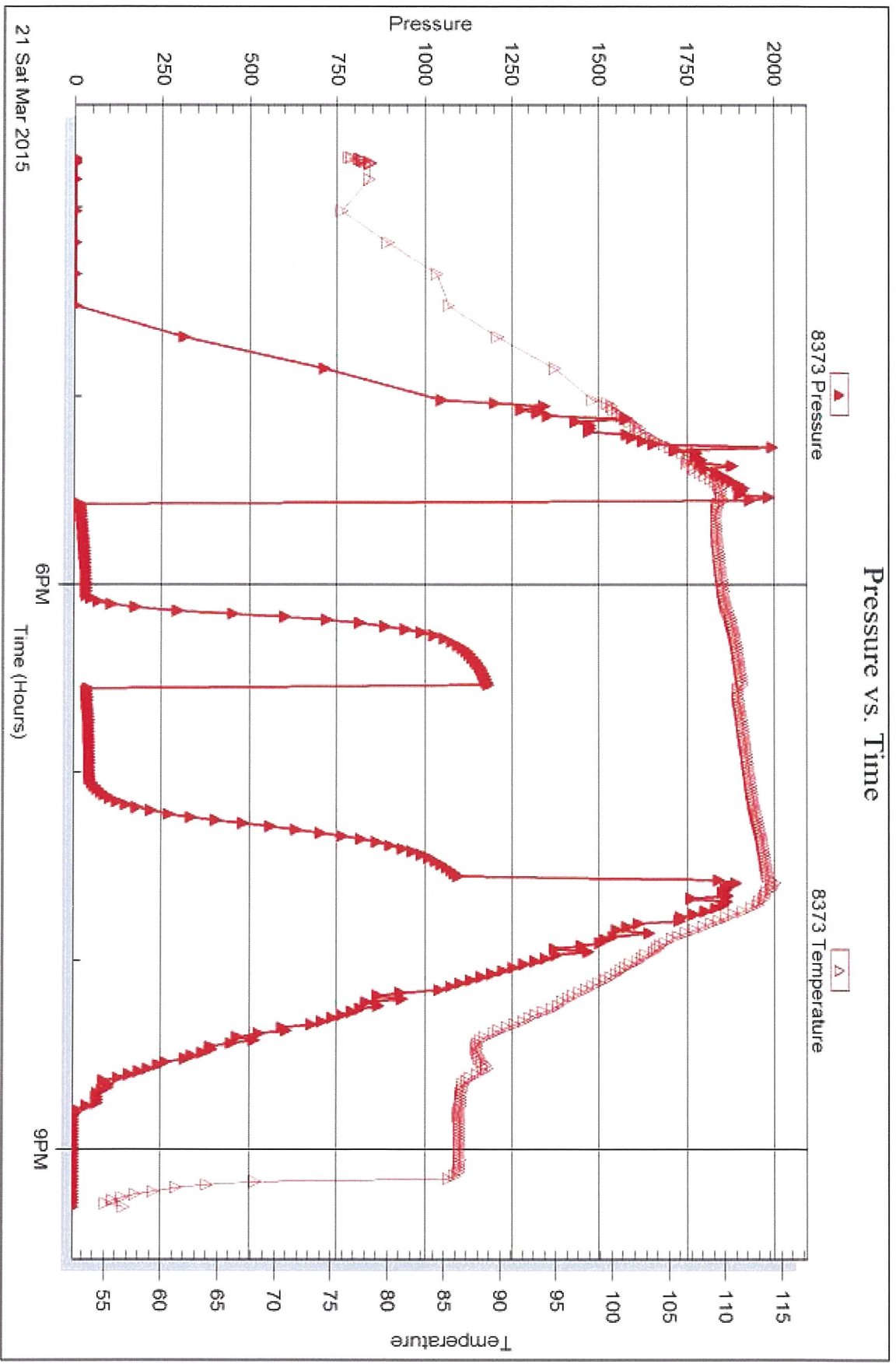
Serial #: 8373

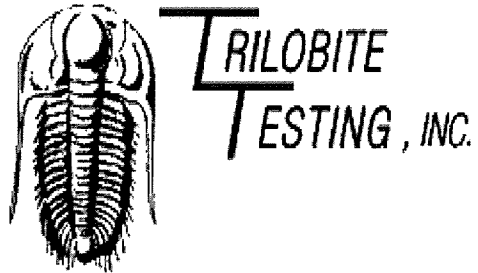
Inside

Palominos Petroleum

RS #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

RS #1

18-14s-30w Gove, KS

Start Date: 2015.03.22 @ 07:17:37

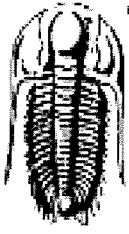
End Date: 2015.03.22 @ 12:52:37

Job Ticket #: 61530 DST #: 2

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

Printed: 2015.03.27 @ 14:22:53

Palomino Petroleum
18-14s-30w Gove, KS
RS #1
DST # 2
LKC G
2015.03.22



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

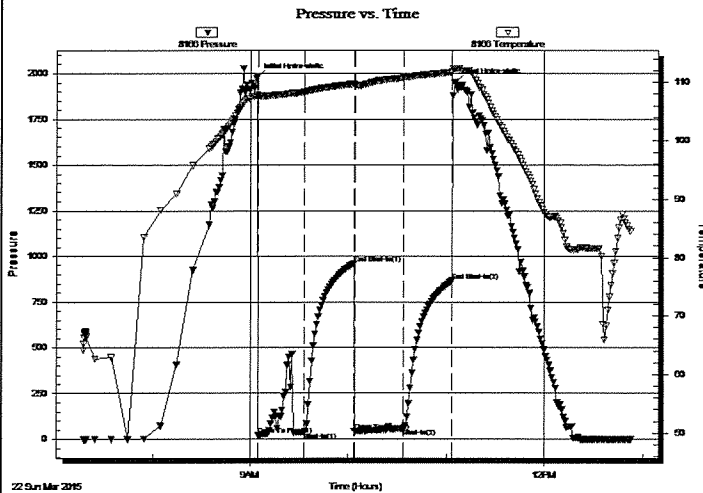
18-14s-30w Gove, KS
RS #1
 Job Ticket: 61530 **DST#: 2**
 Test Start: 2015.03.22 @ 07:17:37

GENERAL INFORMATION:

Formation: **LKC G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:04:37
 Time Test Ended: 12:52:37
 Interval: **4025.00 ft (KB) To 4117.00 ft (KB) (TVD)**
 Total Depth: 4117.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 2874.00 ft (KB)
 2869.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8166 **Outside**
 Press@RunDepth: 55.67 psig @ 4026.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.22 End Date: 2015.03.22 Last Calib.: 2015.03.22
 Start Time: 07:17:42 End Time: 12:52:36 Time On Btm: 2015.03.22 @ 09:04:07
 Time Off Btm: 2015.03.22 @ 11:05:07

TEST COMMENT: IF: Surface blow built to 2" in 30 min.
 IS: No return.
 FF: Surface blow built to 1/4" in 30 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1978.65	107.82	Initial Hydro-static
1	19.16	107.44	Open To Flow (1)
29	38.58	108.33	Shut-In(1)
59	959.65	109.69	End Shut-In(1)
60	40.79	109.19	Open To Flow (2)
90	55.67	110.78	Shut-In(2)
119	865.89	111.75	End Shut-In(2)
121	1952.53	112.38	Final Hydro-static

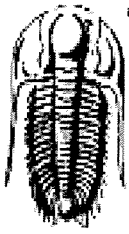
Recovery

Length (ft)	Description	Volume (bbl)
90.00	ocm 5%o 95%m	0.44

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

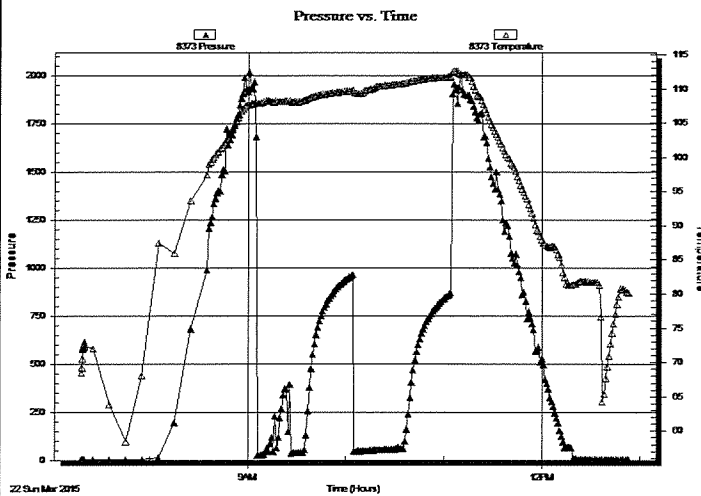
18-14s-30w Gove, KS
RS #1
 Job Ticket: 61530 **DST#: 2**
 Test Start: 2015.03.22 @ 07:17:37

GENERAL INFORMATION:

Formation: **LKC G**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:04:37
 Time Test Ended: 12:52:37
 Interval: **4025.00 ft (KB) To 4117.00 ft (KB) (TVD)**
 Total Depth: **4117.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Brandon Turley**
 Unit No: **79**
 Reference Elevations: **2874.00 ft (KB)**
2869.00 ft (CF)
 KB to GR/CF: **5.00 ft**

Serial #: 8373 **Inside**
 Press@RunDepth: psig @ **4026.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2015.03.22** End Date: **2015.03.22** Last Calib.: **2015.03.22**
 Start Time: **07:18:01** End Time: **12:52:55** Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Surface blow built to 2" in 30 min.
 IS: No return.
 FF: Surface blow built to 1/4" in 30 min.
 FS: No return.



PRESSURE SUMMARY

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

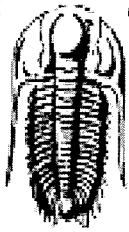
Recovery

Length (ft)	Description	Volume (bbl)
90.00	ocm 5%o 95% m	0.44

* 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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61530 **DST#: 2**
Test Start: 2015.03.22 @ 07:17:37

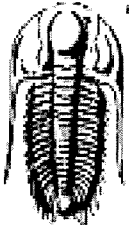
Tool Information

Drill Pipe:	Length: 3897.00 ft	Diameter: 3.80 inches	Volume: 54.66 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 55.26 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4025.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	119.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3999.00	
Shut In Tool	5.00			4004.00	
Hydraulic tool	5.00			4009.00	
Jars	5.00			4014.00	
Safety Joint	2.00			4016.00	
Packer	5.00			4021.00	27.00 Bottom Of Top Packer
Packer	4.00			4025.00	
Stubb	1.00			4026.00	
Recorder	0.00	8373	Inside	4026.00	
Recorder	0.00	8166	Outside	4026.00	
Perforations	21.00			4047.00	
Change Over Sub	1.00			4048.00	
Drill Pipe	63.00			4111.00	
Change Over Sub	1.00			4112.00	
Bullnose	5.00			4117.00	92.00 Bottom Packers & Anchor

Total Tool Length: 119.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61530 **DST#: 2**
Test Start: 2015.03.22 @ 07:17:37

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: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	ocm 5%o 95%m	0.443

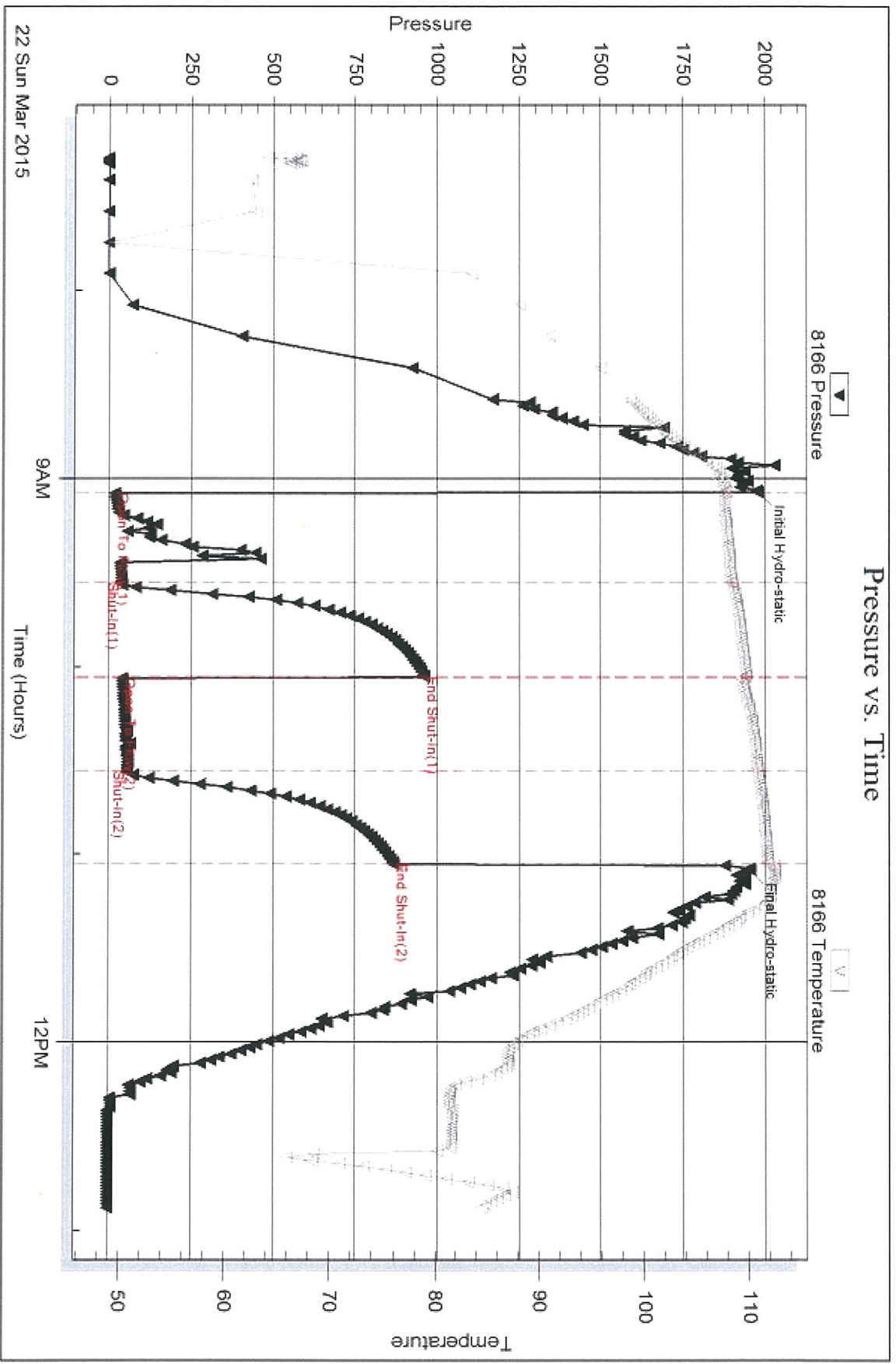
Total Length: 90.00 ft Total Volume: 0.443 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8166

Outside Palominio Petroleum

RS #1

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 61530

Printed: 2015 03 27 @ 14:22:54

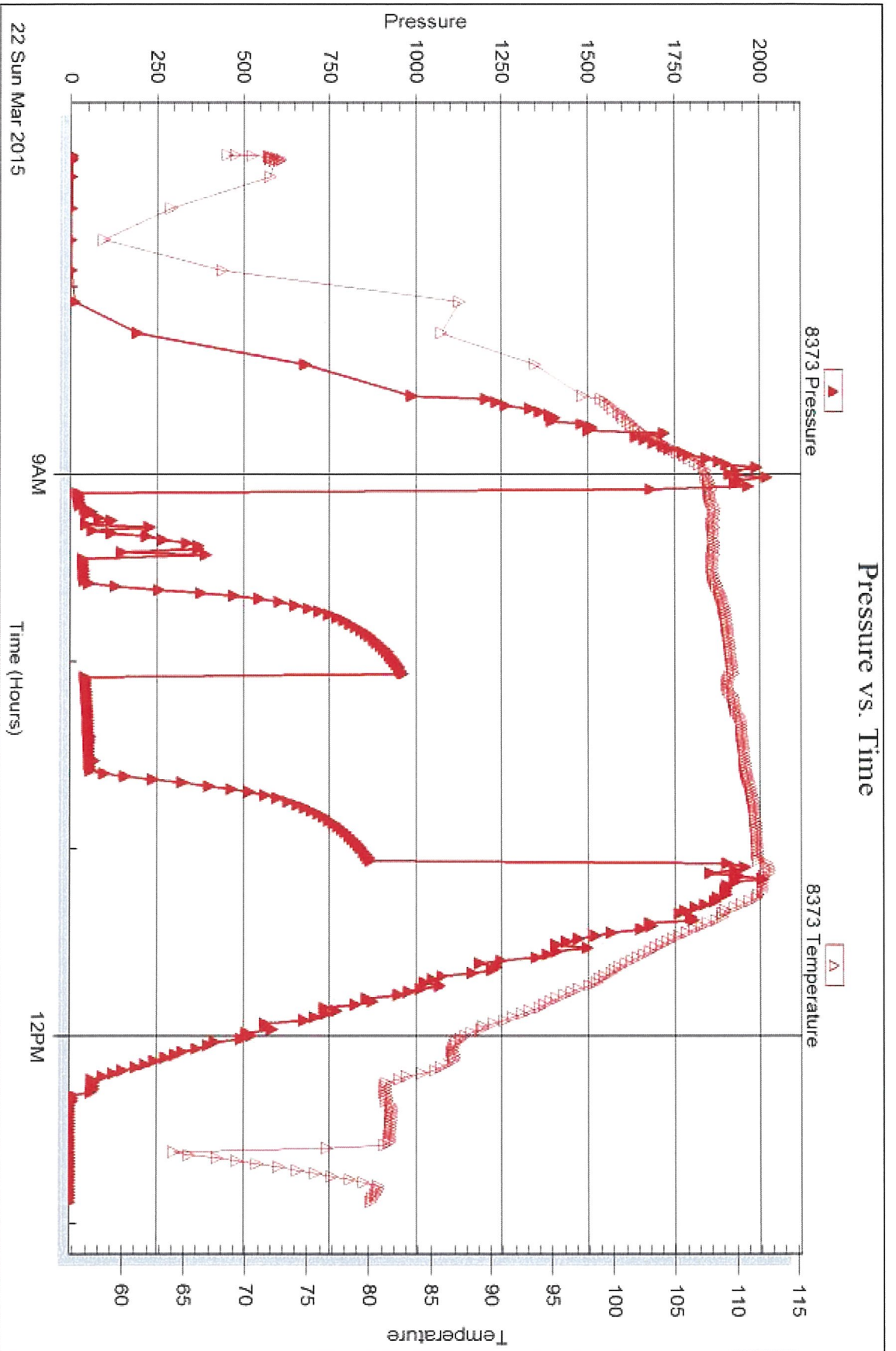
Serial #: 8373

Inside

Palomino Petroleum

RS #1

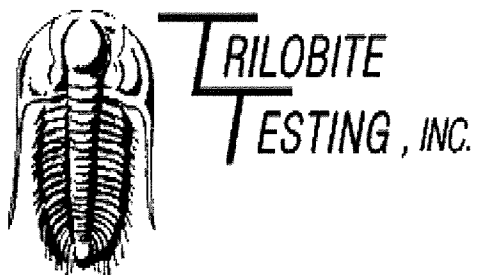
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 61530

Printed: 2015.03.27 @ 14:22:55



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

RS #1

18-14s-30w Gove, KS

Start Date: 2015.03.23 @ 00:07:24

End Date: 2015.03.23 @ 13:36:54

Job Ticket #: 61531 DST #: 3

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

Printed: 2015.03.27 @ 14:22:32

Palomino Petroleum

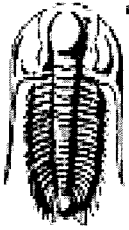
18-14s-30w Gove, KS

RS #1

DST # 3

LKC H-J

2015.03.23



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

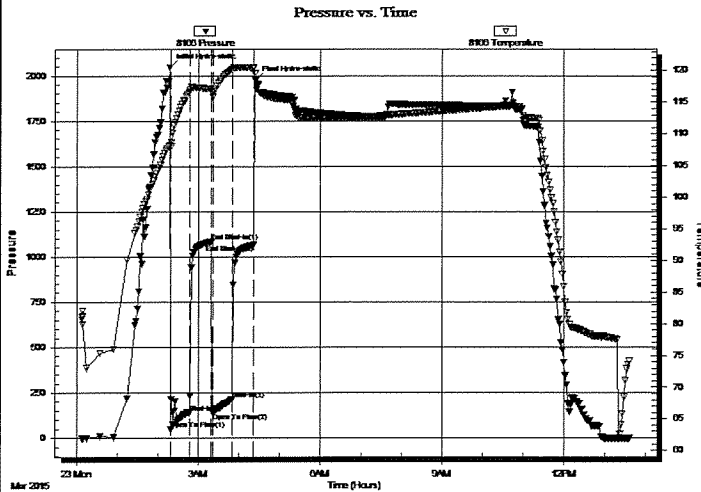
18-14s-30w Gove, KS
RS #1
 Job Ticket: 61531 **DST#: 3**
 Test Start: 2015.03.23 @ 00:07:24

GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 02:18:54 Tester: Brandon Turley
 Time Test Ended: 13:36:54 Unit No: 79
 Interval: **4103.00 ft (KB) To 4202.00 ft (KB) (TVD)** Reference Elevations: 2874.00 ft (KB)
 Total Depth: 4202.00 ft (KB) (TVD) 2869.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8166 **Outside**
 Press@RunDepth: 213.79 psig @ 4104.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.23 End Date: 2015.03.23 Last Calib.: 2015.03.23
 Start Time: 00:07:29 End Time: 13:36:54 Time On Btm: 2015.03.23 @ 02:17:24
 Time Off Btm: 2015.03.23 @ 04:23:24

TEST COMMENT: IF: BOB in 7 min.
 IS: BOB in 9 min.
 FF: BOB in 6 min.
 FS: BOB in 8 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2046.33	108.19	Initial Hydro-static
2	49.42	108.10	Open To Flow (1)
30	139.48	116.75	Shut-In(1)
62	1083.58	117.15	End Shut-In(1)
64	139.54	115.83	Open To Flow (2)
93	213.79	120.30	Shut-In(2)
125	1066.43	120.43	End Shut-In(2)
126	1977.47	119.66	Final Hydro-static

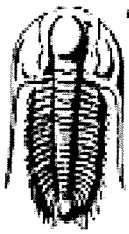
Recovery

Length (ft)	Description	Volume (bbl)
126.00	gocm 20%g 10%o 70%m	0.66
157.00	gocm 20%g 20%o 60%m	2.20
95.00	mco 20%g 75%o 5%m	1.33
141.00	go 20%g 80%o	1.98
0.00	1182 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

18-14s-30w Gove, KS

RS #1
 Job Ticket: 61531 **DST#: 3**
 Test Start: 2015.03.23 @ 00:07:24

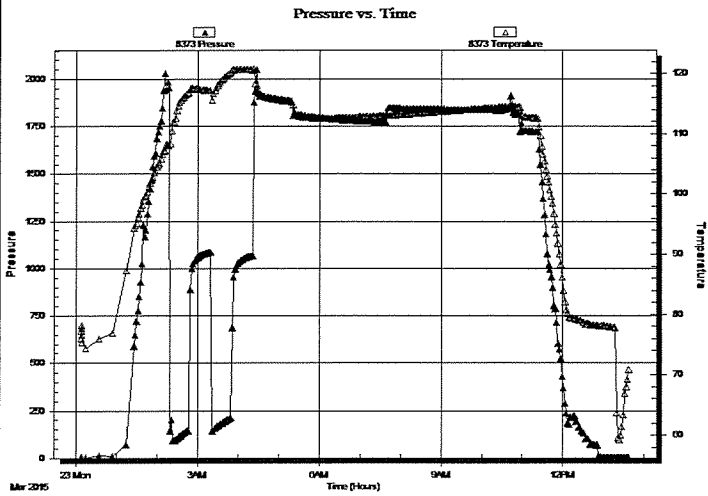
GENERAL INFORMATION:

Formation: LKC H-J		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock:	ft (KB)	Tester: Brandon Turley
Time Tool Opened: 02:18:54		Unit No: 79
Time Test Ended: 13:36:54		
Interval: 4103.00 ft (KB) To 4202.00 ft (KB) (TVD)		Reference Elevations: 2874.00 ft (KB)
Total Depth: 4202.00 ft (KB) (TVD)		2869.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Good	KB to GR/CF: 5.00 ft

Serial #: 8373 Inside

Press@RunDepth:	psig @	4104.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2015.03.23	End Date:	2015.03.23	Last Calib.:
Start Time:	00:07:12	End Time:	13:37:07	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF: BOB in 7 min.
 IS: BOB in 9 min.
 FF: BOB in 6 min.
 FS: BOB in 8 min.



PRESSURE SUMMARY

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

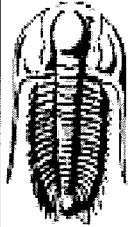
Recovery

Length (ft)	Description	Volume (bbl)
126.00	gocm 20%g 10%o 70%m	0.66
157.00	gocm 20%g 20%o 60%m	2.20
95.00	mco 20%g 75%o 5%m	1.33
141.00	go 20%g 80%o	1.98
0.00	1182 GIP	0.00

* 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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61531 **DST#: 3**
Test Start: 2015.03.23 @ 00:07:24

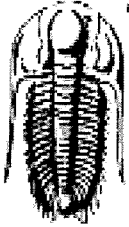
Tool Information

Drill Pipe:	Length: 3960.00 ft	Diameter: 3.80 inches	Volume: 55.55 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 56.15 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4103.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	99.00 ft			
Tool Length:	126.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4077.00	
Shut In Tool	5.00			4082.00	
Hydraulic tool	5.00			4087.00	
Jars	5.00			4092.00	
Safety Joint	2.00			4094.00	
Packer	5.00			4099.00	27.00 Bottom Of Top Packer
Packer	4.00			4103.00	
Stubb	1.00			4104.00	
Recorder	0.00	8373	Inside	4104.00	
Recorder	0.00	8166	Outside	4104.00	
Perforations	28.00			4132.00	
Change Over Sub	1.00			4133.00	
Drill Pipe	63.00			4196.00	
Change Over Sub	1.00			4197.00	
Bullnose	5.00			4202.00	99.00 Bottom Packers & Anchor

Total Tool Length: 126.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61531 **DST#: 3**
Test Start: 2015.03.23 @ 00:07:24

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.18 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	gocm 20%g 10%o 70%m	0.656
157.00	gocm 20%g 20%o 60%m	2.202
95.00	mcgo 20%g 75%o 5%m	1.333
141.00	go 20%g 80%o	1.978
0.00	1182 GIP	0.000

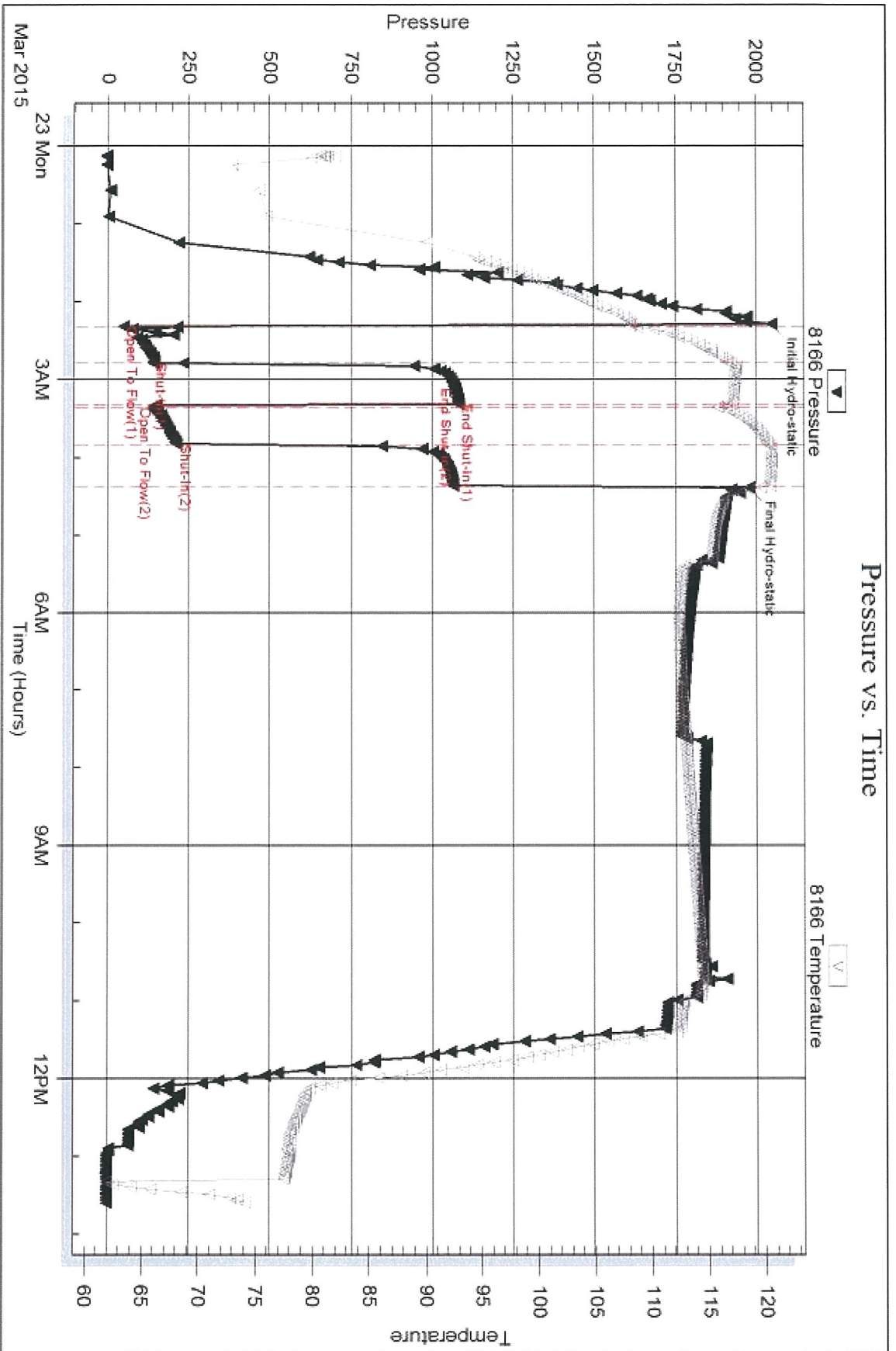
Total Length: 519.00 ft Total Volume: 6.169 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 40@70=39

Serial #: 8166

Outside Palomino Petroleum

RS #1

DST Test Number: 3



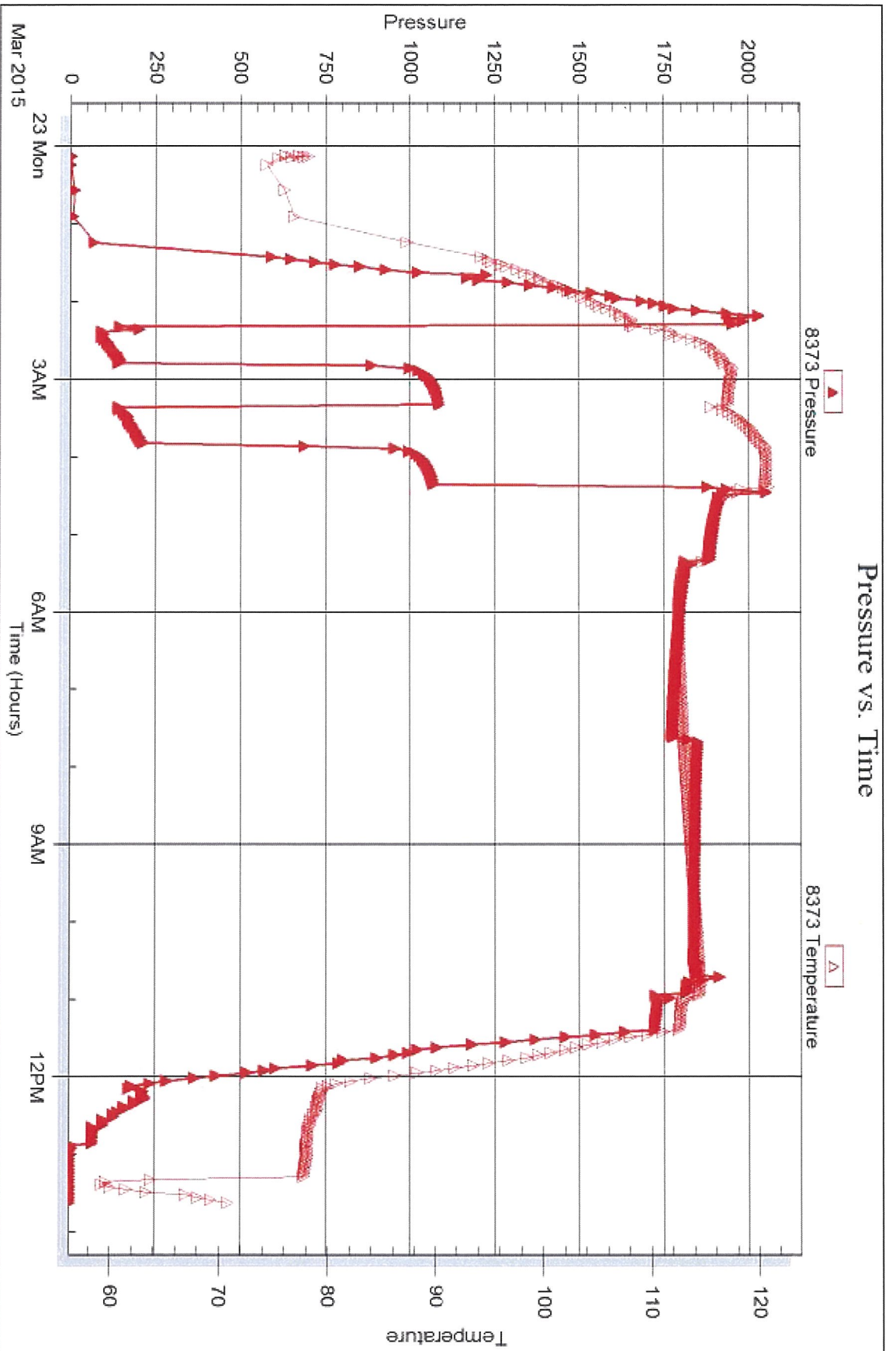
Serial #: 8373

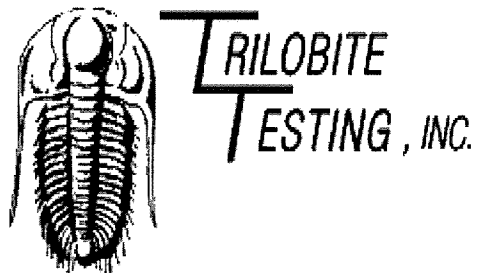
Inside

Palomino Petroleum

RS #1

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

RS #1

18-14s-30w Gove, KS

Start Date: 2015.03.24 @ 02:50:49

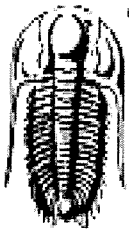
End Date: 2015.03.24 @ 09:04:49

Job Ticket #: 61532 DST #: 4

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

Printed: 2015.03.27 @ 14:21:58

Palomino Petroleum
18-14s-30w Gove, KS
RS #1
DST # 4
LKC-K-L
2015.03.24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61532 **DST#: 4**
Test Start: 2015.03.24 @ 02:50:49

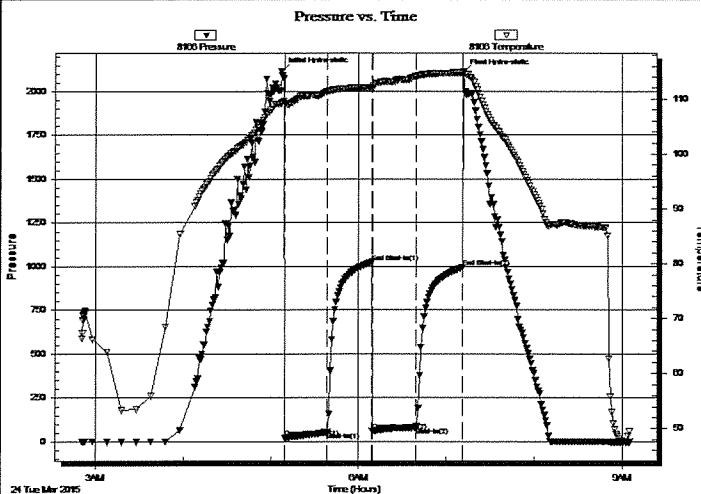
GENERAL INFORMATION:

Formation: **LKC K- L**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 05:09:19 Tester: Brandon Turley
Time Test Ended: 09:04:49 Unit No: 79

Interval: 4198.00 ft (KB) To 4285.00 ft (KB) (TVD) Reference Elevations: 2874.00 ft (KB)
Total Depth: 4285.00 ft (KB) (TVD) 2869.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8166 **Outside**
Press@RunDepth: 80.47 psig @ 4199.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.24 End Date: 2015.03.24 Last Calib.: 2015.03.24
Start Time: 02:50:54 End Time: 09:04:48 Time On Btm: 2015.03.24 @ 05:07:19
Time Off Btm: 2015.03.24 @ 07:11:49

TEST COMMENT: IF: 1/4" blow built to 3" in 30 min.
IS: No return.
FF: Surface blow built to 1" in 30 min.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2115.98	109.21	Initial Hydro-static
2	19.78	109.07	Open To Flow (1)
32	54.18	111.36	Shut-In(1)
62	1024.02	112.12	End Shut-In(1)
62	58.92	111.70	Open To Flow (2)
92	80.47	114.19	Shut-In(2)
124	992.97	114.81	End Shut-In(2)
125	2106.48	115.09	Final Hydro-static

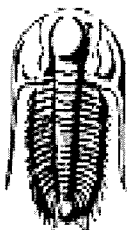
Recovery

Length (ft)	Description	Volume (bbl)
61.00	w cm 5%w 95%m	0.30
67.00	mud 100%m	0.38

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

18-14s-30w Gove, KS

4924 SE 84th St
New ton, KS 67114

RS #1

Job Ticket: 61532

DST#: 4

ATTN: Ryan Seib

Test Start: 2015.03.24 @ 02:50:49

GENERAL INFORMATION:

Formation: **LKC K- L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:09:19

Time Test Ended: 09:04:49

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: **4198.00 ft (KB) To 4285.00 ft (KB) (TVD)**

Reference Elevations: 2874.00 ft (KB)

Total Depth: 4285.00 ft (KB) (TVD)

2869.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8373 Inside

Press@RunDepth: psig @ 4199.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.03.24

End Date: 2015.03.24

Last Calib.: 2015.03.24

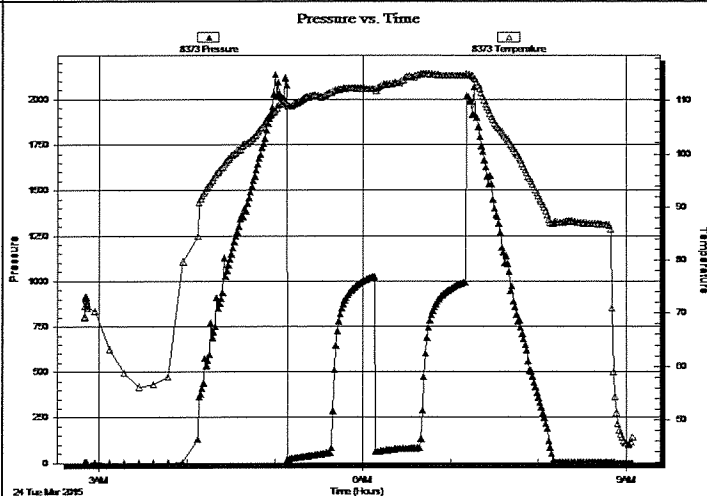
Start Time: 02:50:06

End Time: 09:04:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 3" in 30 min.
IS: No return.
FF: Surface blow built to 1" in 30 min.
FS: No return.



PRESSURE SUMMARY

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

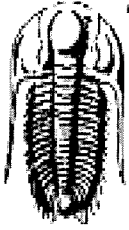
Recovery

Length (ft)	Description	Volume (bbl)
61.00	w cm 5%w 95%m	0.30
67.00	mud 100%m	0.38

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61532 **DST#: 4**
Test Start: 2015.03.24 @ 02:50:49

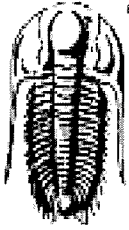
Tool Information

Drill Pipe:	Length: 4055.00 ft	Diameter: 3.80 inches	Volume: 56.88 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 57.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4198.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	114.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4172.00	
Shut In Tool	5.00			4177.00	
Hydraulic tool	5.00			4182.00	
Jars	5.00			4187.00	
Safety Joint	2.00			4189.00	
Packer	5.00			4194.00	27.00 Bottom Of Top Packer
Packer	4.00			4198.00	
Stubb	1.00			4199.00	
Recorder	0.00	8373	Inside	4199.00	
Recorder	0.00	8166	Outside	4199.00	
Perforations	16.00			4215.00	
Change Over Sub	1.00			4216.00	
Drill Pipe	63.00			4279.00	
Change Over Sub	1.00			4280.00	
Bullnose	5.00			4285.00	87.00 Bottom Packers & Anchor

Total Tool Length: 114.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61532 **DST#: 4**
Test Start: 2015.03.24 @ 02:50:49

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: 7.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	w cm 5%w 95%m	0.300
67.00	mud 100%m	0.384

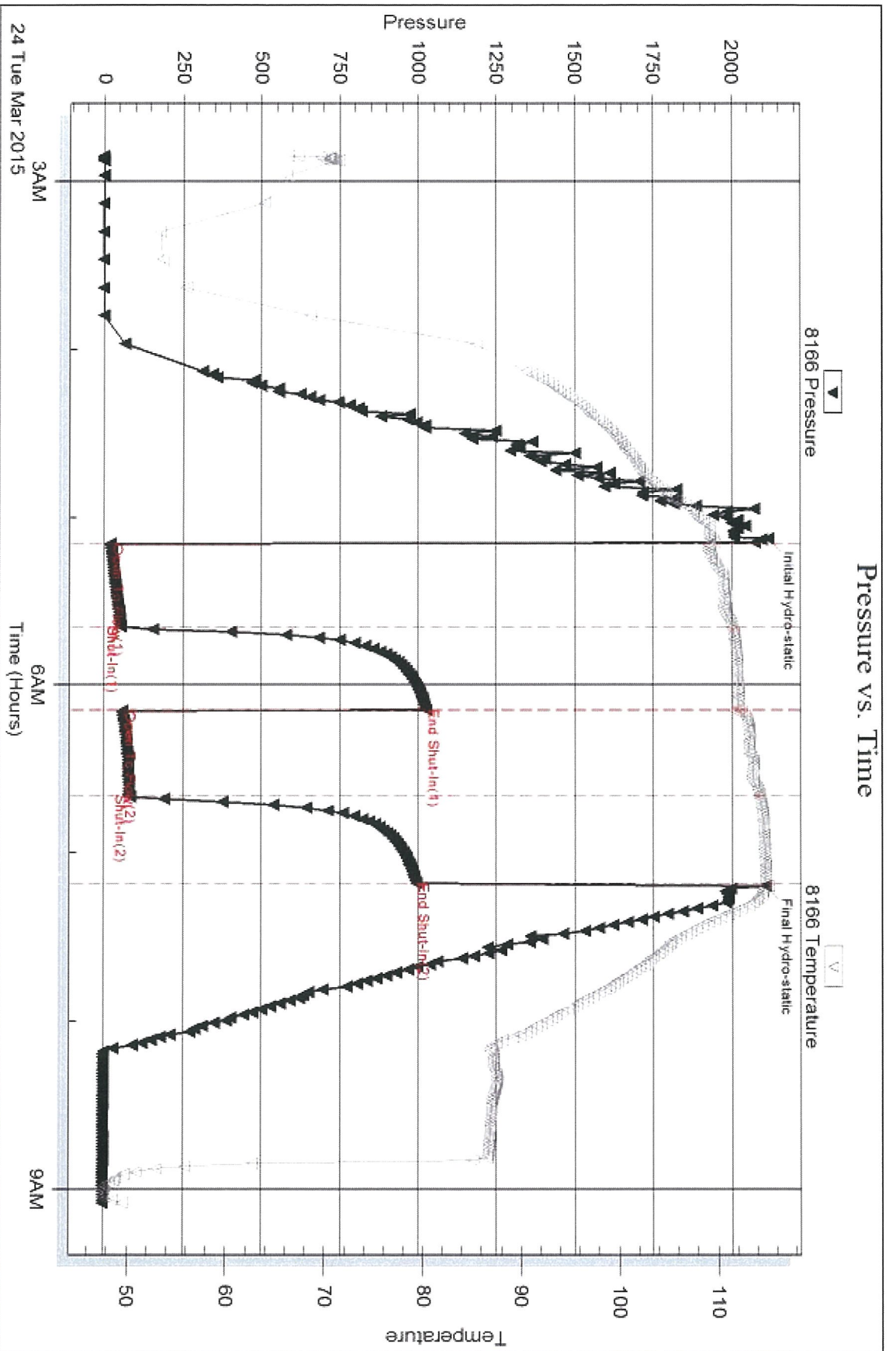
Total Length: 128.00 ft Total Volume: 0.684 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8166

Outside Palomino Petroleum

RS #1

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 61532

Printed: 2015.03.27 @ 14:21:59

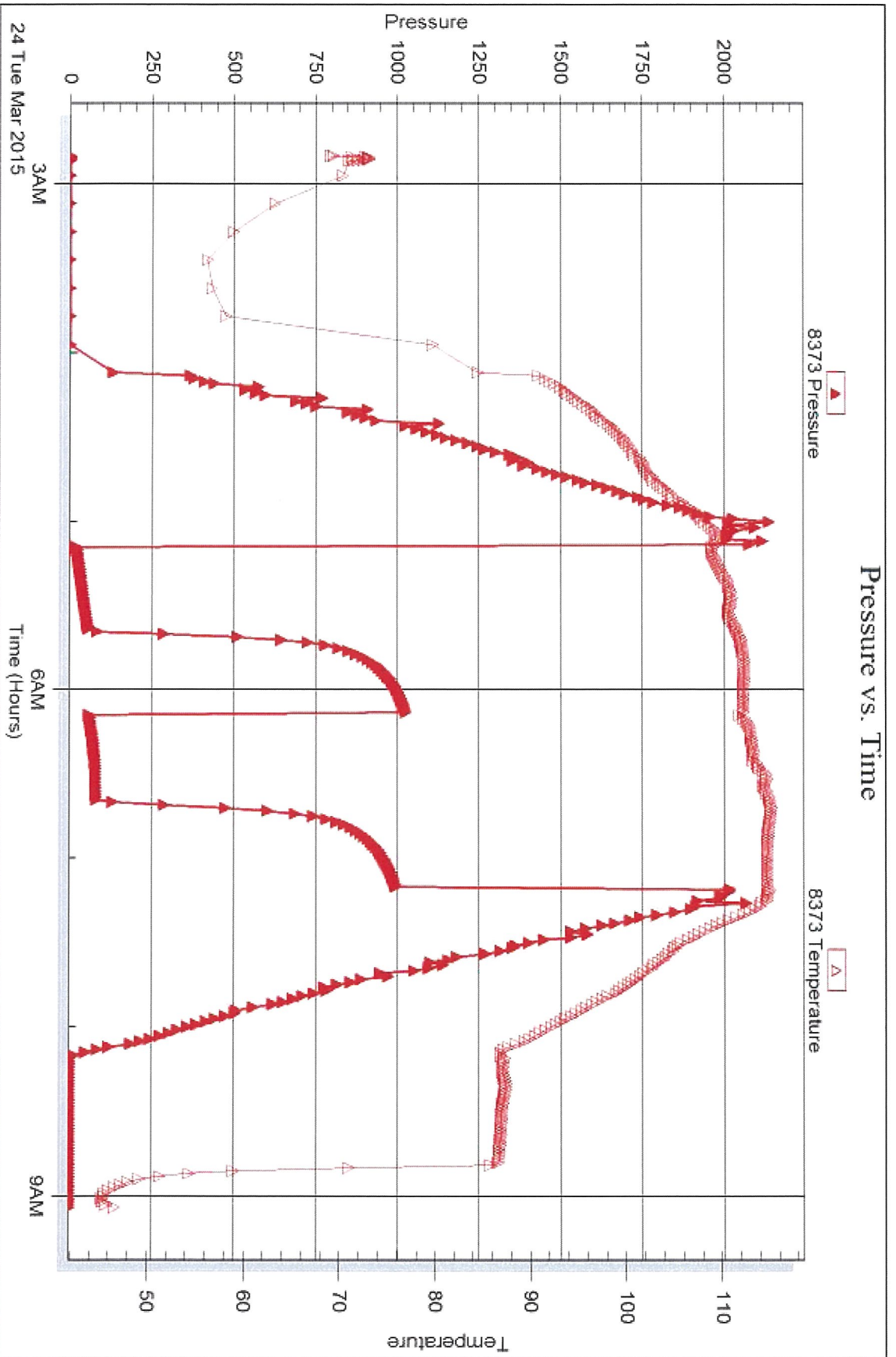
Serial #: 8373

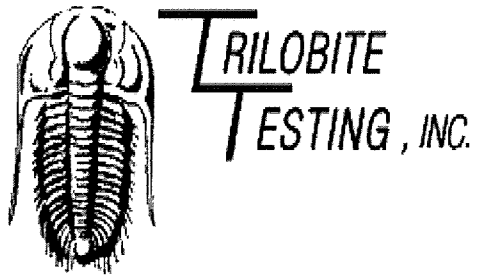
Inside

Palomino Petroleum

RS #1

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

RS #1

18-14s-30w Gove, KS

Start Date: 2015.03.25 @ 02:49:42

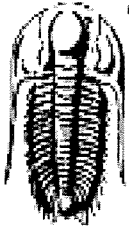
End Date: 2015.03.25 @ 09:05:12

Job Ticket #: 61533 DST #: 5

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

Printed: 2015.03.27 @ 14:21:33

Palomino Petroleum
18-14s-30w Gove, KS
RS #1
DST # 5
Marmaton- Pawnee
2015.03.25



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

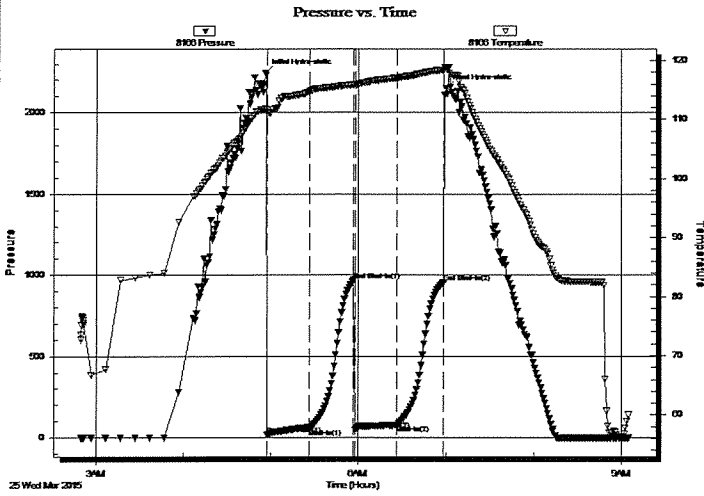
18-14s-30w Gove, KS
RS #1
 Job Ticket: 61533 **DST#: 5**
 Test Start: 2015.03.25 @ 02:49:42

GENERAL INFORMATION:

Formation: **Marmaton- Pawnee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 04:57:42 Tester: Brandon Turley
 Time Test Ended: 09:05:12 Unit No: 79
 Interval: **4359.00 ft (KB) To 4454.00 ft (KB) (TVD)** Reference Elevations: 2874.00 ft (KB)
 Total Depth: 4454.00 ft (KB) (TVD) 2869.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8166 Outside
 Press@RunDepth: 76.91 psig @ 4360.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.25 End Date: 2015.03.25 Last Calib.: 2015.03.25
 Start Time: 02:49:47 End Time: 09:05:11 Time On Btm: 2015.03.25 @ 04:56:12
 Time Off Btm: 2015.03.25 @ 06:59:42

TEST COMMENT: IF: 1/4" blow built to 9" in 30 min.
 IS: No return.
 FF: BOB in 6 min.
 FS: No return.

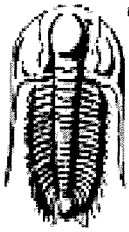


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2241.82	111.79	Initial Hydro-static
2	20.06	111.10	Open To Flow (1)
31	55.23	114.72	Shut-In(1)
61	967.60	115.92	End Shut-In(1)
62	46.68	115.88	Open To Flow (2)
90	76.91	117.07	Shut-In(2)
122	954.04	118.40	End Shut-In(2)
124	2148.42	118.67	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
61.00	gocm 30%g 30%o 40%m	0.30
61.00	mcgo 40%g 30%o 30%m	0.30
40.00	ocm 10%o 90%m	0.56

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

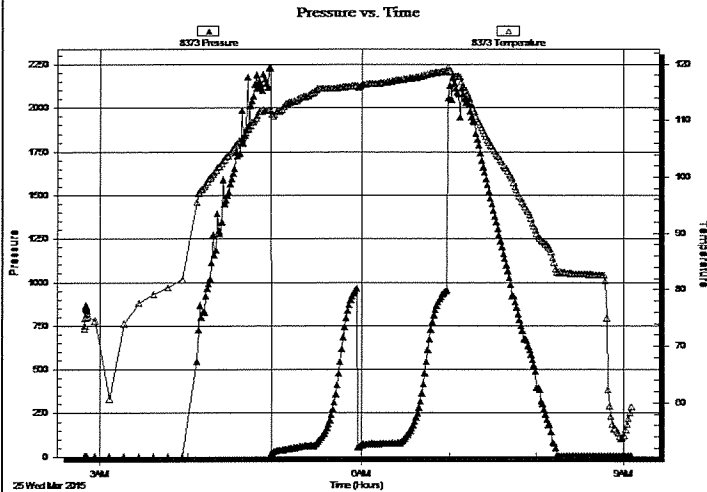
18-14s-30w Gove, KS
RS #1
Job Ticket: 61533 **DST#: 5**
Test Start: 2015.03.25 @ 02:49:42

GENERAL INFORMATION:

Formation: **Marmaton- Pawnee**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:57:42
Time Test Ended: 09:05:12
Interval: **4359.00 ft (KB) To 4454.00 ft (KB) (TVD)**
Total Depth: 4454.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Brandon Turley
Unit No: 79
Reference Elevations: 2874.00 ft (KB)
2869.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
Press@RunDepth: psig @ 4360.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.03.25 End Date: 2015.03.25 Last Calib.: 2015.03.25
Start Time: 02:49:20 End Time: 09:05:14 Time On Btm:
Time Off Btm:

TEST COMMENT: IF: 1/4" blow built to 9" in 30 min.
IS: No return.
FF: BOB in 6 min.
FS: No return.



PRESSURE SUMMARY

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

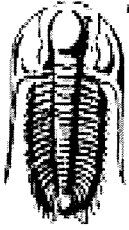
Recovery

Length (ft)	Description	Volume (bbl)
61.00	gocm 30%g 30%o 40%m	0.30
61.00	mcgo 40%g 30%o 30%m	0.30
40.00	ocm 10%o 90%m	0.56

* 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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61533 **DST#: 5**
Test Start: 2015.03.25 @ 02:49:42

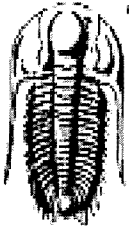
Tool Information

Drill Pipe:	Length: 4215.00 ft	Diameter: 3.80 inches	Volume: 59.13 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 59.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4359.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	122.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4333.00	
Shut In Tool	5.00			4338.00	
Hydraulic tool	5.00			4343.00	
Jars	5.00			4348.00	
Safety Joint	2.00			4350.00	
Packer	5.00			4355.00	27.00 Bottom Of Top Packer
Packer	4.00			4359.00	
Stubb	1.00			4360.00	
Recorder	0.00	8373	Inside	4360.00	
Recorder	0.00	8166	Outside	4360.00	
Perforations	24.00			4384.00	
Change Over Sub	1.00			4385.00	
Drill Pipe	63.00			4448.00	
Change Over Sub	1.00			4449.00	
Bullnose	5.00			4454.00	95.00 Bottom Packers & Anchor

Total Tool Length: 122.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

18-14s-30w Gove, KS

4924 SE 84th St
New ton, KS 67114

RS #1

Job Ticket: 61533

DST#: 5

ATTN: Ryan Seib

Test Start: 2015.03.25 @ 02:49:42

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 8.79 in³
Resistivity: 0.00 ohm.m
Salinity: 2400.00 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
61.00	gocm 30%g 30%o 40%m	0.300
61.00	mcgo 40%g 30%o 30%m	0.300
40.00	ocm 10%o 90%m	0.561

Total Length: 162.00 ft Total Volume: 1.161 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

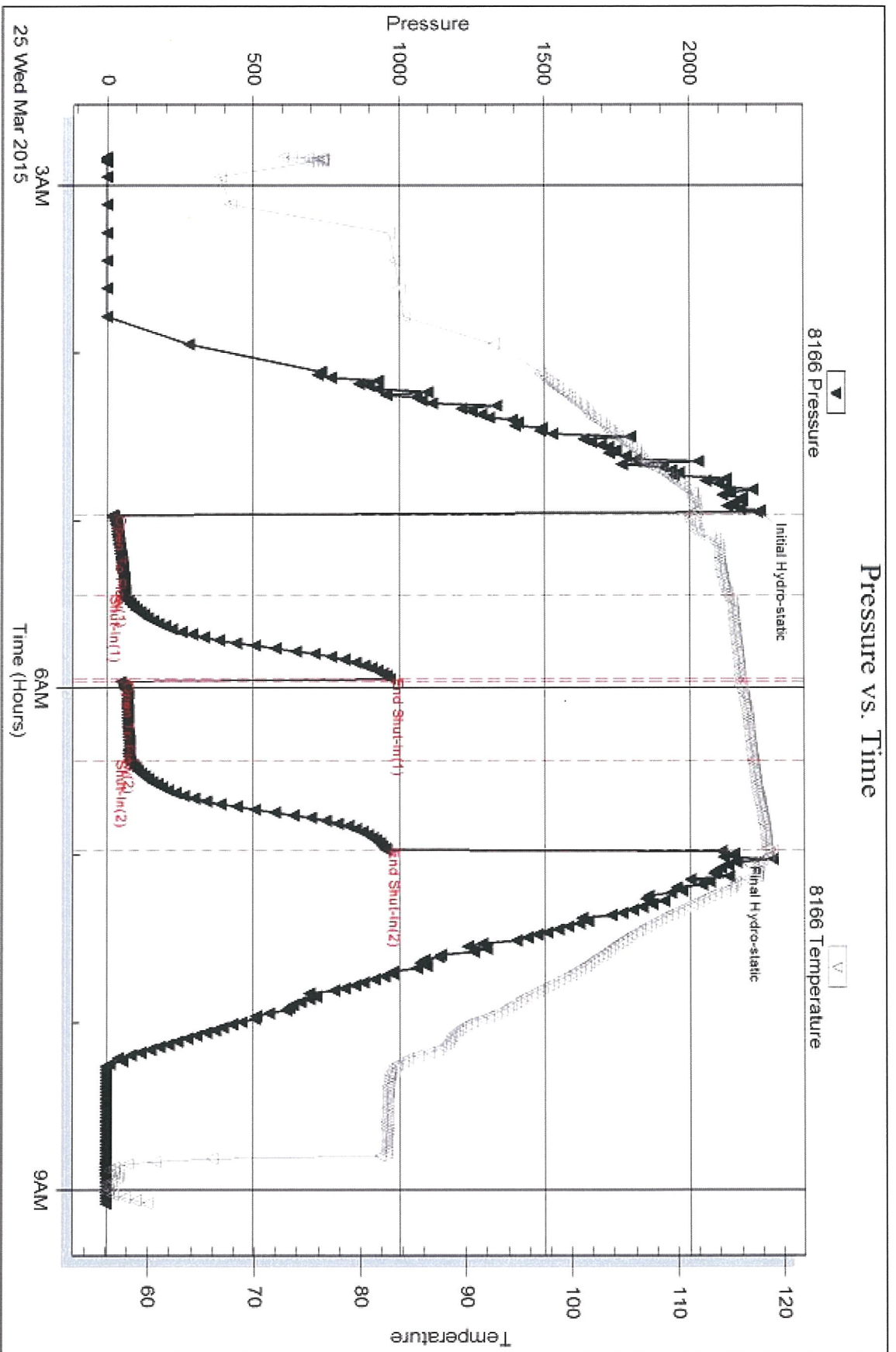
Serial #: 8166

Outside

Palomino Petroleum

RS #1

DST Test Number: 5



Tribble Testing, Inc

Ref. No: 61533

Printed: 2015.03.27 @ 14:21:35

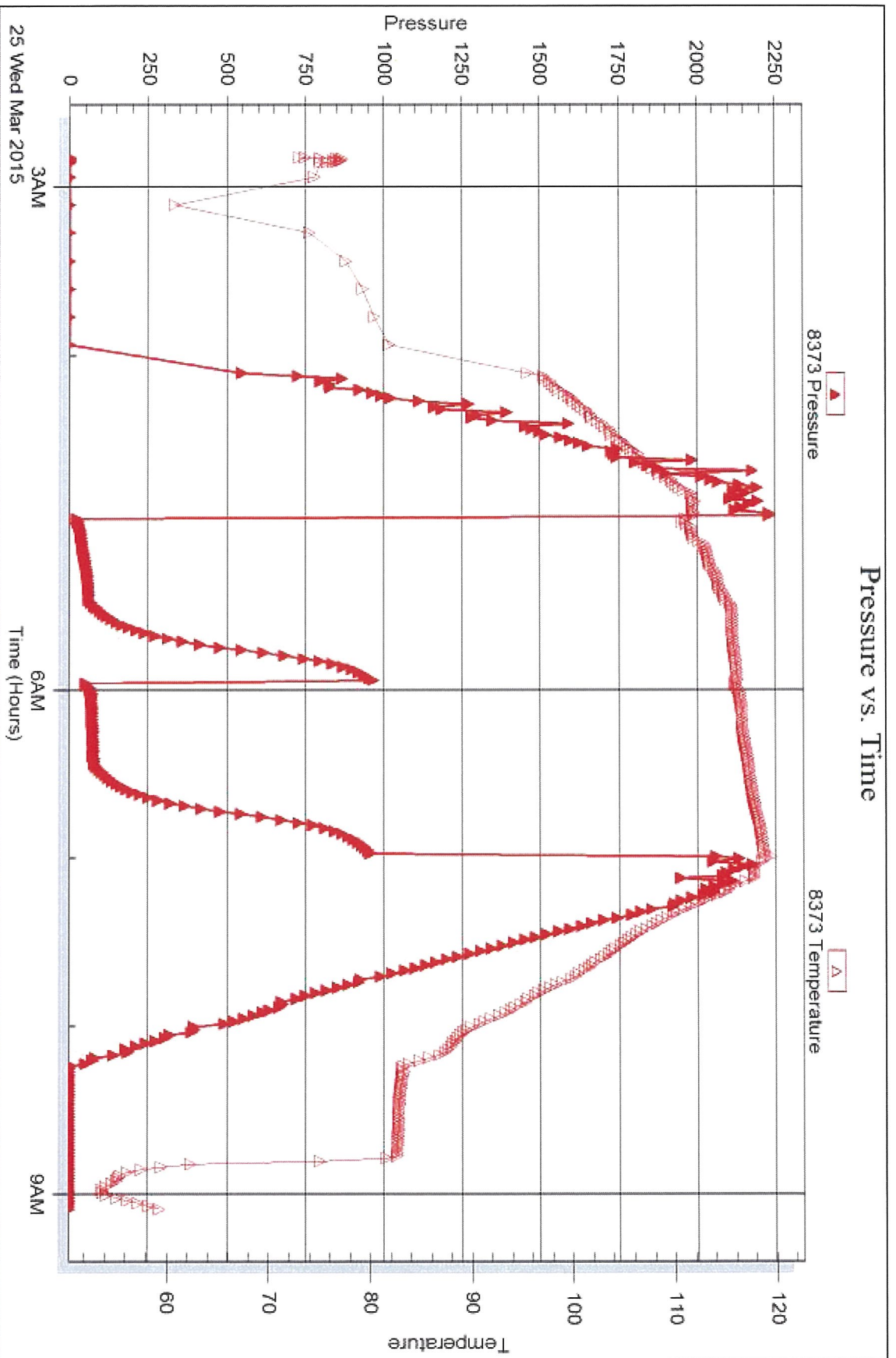
Serial #: 8373

Inside

Palomino Petroleum

RS #1

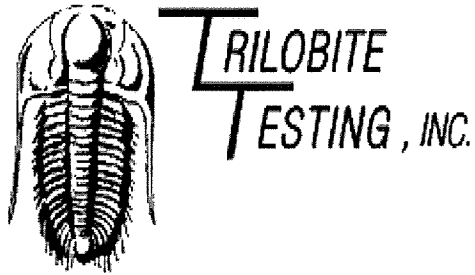
DST Test Number: 5



Trikoble Testing, Inc

Ref. No: 61533

Printed: 2015.03.27 @ 14:21:35



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St
Newton, KS 67114

ATTN: Ryan Seib

RS #1

18-14s-30w Gove, KS

Start Date: 2015.03.25 @ 19:51:06

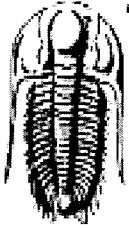
End Date: 2015.03.26 @ 02:44:36

Job Ticket #: 61534 DST #: 6

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

Printed: 2015.03.27 @ 14:20:36

Palomino Petroleum 18-14s-30w Gove, KS RS #1 DST # 6 Ft Scott - Johnson 2015.03.25



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

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

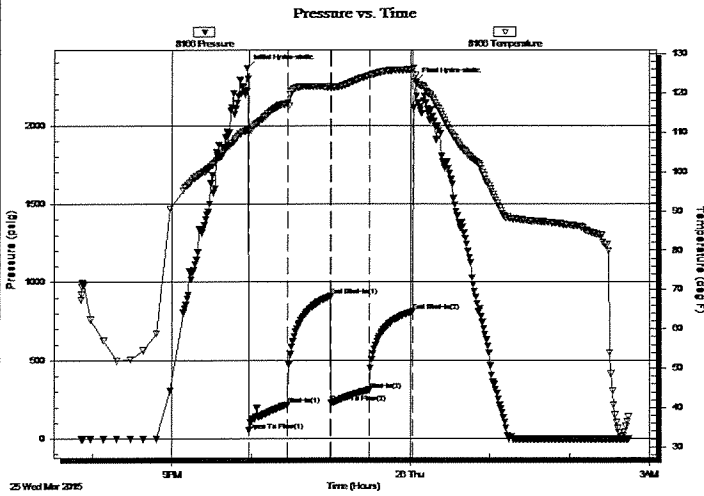
18-14s-30w Gove, KS
RS #1
Job Ticket: 61534 **DST#: 6**
Test Start: 2015.03.25 @ 19:51:06

GENERAL INFORMATION:

Formation: **Ft Scott - Johnson**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 21:58:06 Tester: Brandon Turley
 Time Test Ended: 02:44:36 Unit No: 79
 Interval: **4443.00 ft (KB) To 4547.00 ft (KB) (TVD)** Reference Elevations: 2874.00 ft (KB)
 Total Depth: 4547.00 ft (KB) (TVD) 2869.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8166 Outside
 Press@RunDepth: 310.80 psig @ 4444.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.25 End Date: 2015.03.26 Last Calib.: 2015.03.26
 Start Time: 19:51:11 End Time: 02:44:35 Time On Btm: 2015.03.25 @ 21:56:36
 Time Off Btm: 2015.03.26 @ 00:03:06

TEST COMMENT: IF: BOB in 6 min.
 IS: No return.
 FF: BOB in 14 min.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2367.22	110.55	Initial Hydro-static
2	53.13	110.38	Open To Flow (1)
31	217.66	117.40	Shut-In(1)
63	907.91	121.53	End Shut-In(1)
64	225.64	121.28	Open To Flow (2)
92	310.80	124.47	Shut-In(2)
125	810.52	125.98	End Shut-In(2)
127	2281.62	124.49	Final Hydro-static

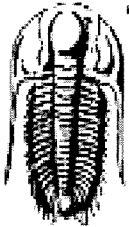
Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 80%w 20%m	0.63
186.00	mcw oil spots 60%w 40%m	2.61
124.00	w cm oil spots 20%w 80%m	1.74
196.00	mud 100%m	2.75

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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

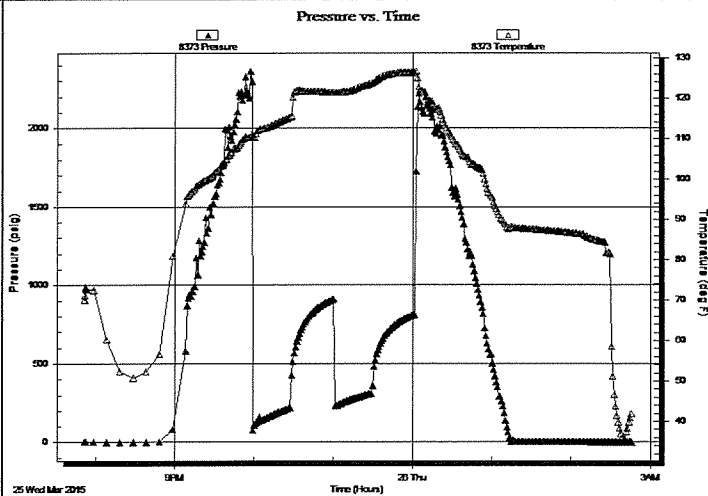
18-14s-30w Gove, KS
RS #1
 Job Ticket: 61534 **DST#: 6**
 Test Start: 2015.03.25 @ 19:51:06

GENERAL INFORMATION:

Formation: **Ft Scott - Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:58:06
 Time Test Ended: 02:44:36
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Interval: **4443.00 ft (KB) To 4547.00 ft (KB) (TVD)**
 Total Depth: 4547.00 ft (KB) (TVD)
 Reference Elevations: 2874.00 ft (KB)
 2869.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 8373 Inside
 Press@RunDepth: psig @ 4444.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.03.25 End Date: 2015.03.26 Last Calib.: 2015.03.26
 Start Time: 19:51:38 End Time: 02:45:32 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB in 6 min.
 IS: No return.
 FF: BOB in 14 min.
 FS: No return.



PRESSURE SUMMARY

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

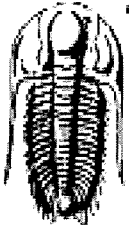
Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 80%w 20%m	0.63
186.00	mcw oil spots 60%w 40%m	2.61
124.00	w cm oil spots 20%w 80%m	1.74
196.00	mud 100%m	2.75

* 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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61534 DST#: 6
Test Start: 2015.03.25 @ 19:51:06

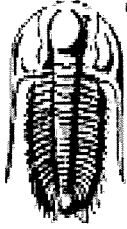
Tool Information

Drill Pipe:	Length: 4304.00 ft	Diameter: 3.80 inches	Volume: 60.37 bbl	Tool Weight: 2000.00 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: 122.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 60.97 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	4443.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 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
Stubb	1.00			4417.00	
Shut In Tool	5.00			4422.00	
Hydraulic tool	5.00			4427.00	
Jars	5.00			4432.00	
Safety Joint	2.00			4434.00	
Packer	5.00			4439.00	27.00 Bottom Of Top Packer
Packer	4.00			4443.00	
Stubb	1.00			4444.00	
Recorder	0.00	8373	Inside	4444.00	
Recorder	0.00	8166	Outside	4444.00	
Perforations	1.00			4445.00	
Change Over Sub	1.00			4446.00	
Drill Pipe	95.00			4541.00	
Change Over Sub	1.00			4542.00	
Bullnose	5.00			4547.00	104.00 Bottom Packers & Anchor

Total Tool Length: 131.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

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

18-14s-30w Gove, KS
RS #1
Job Ticket: 61534 **DST#: 6**
Test Start: 2015.03.25 @ 19:51:06

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: 42000 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.59 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcw 80%w 20%m	0.628
186.00	mcw oil spots 60%w 40%m	2.609
124.00	w cm oil spots 20%w 80%m	1.739
196.00	mud 100%m	2.749

Total Length: 630.00 ft Total Volume: 7.725 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: .25@49=42000

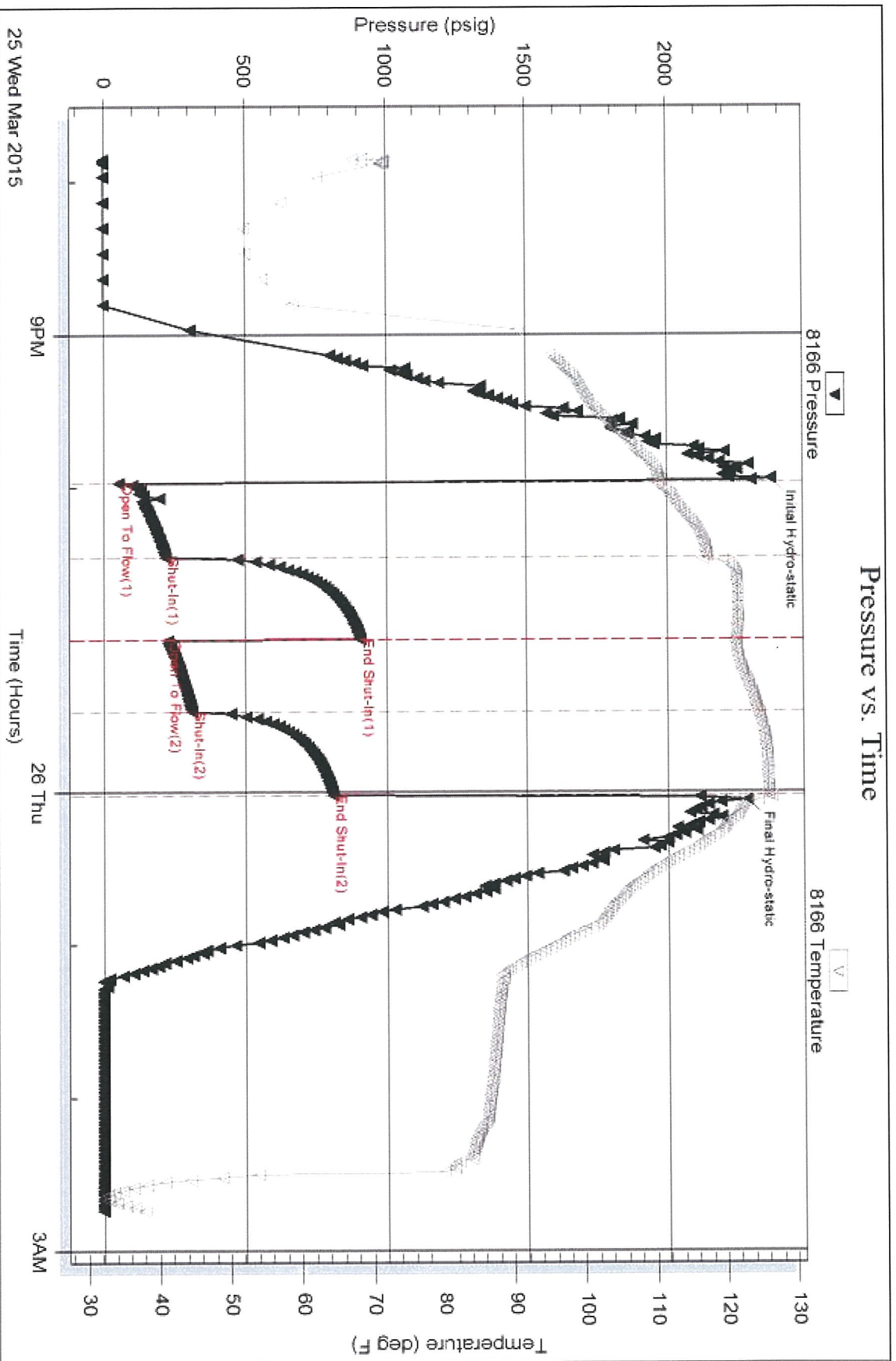
Serial #: 8166

Outside Palomino Petroleum

RS #1

DST Test Number: 6

Pressure vs. Time



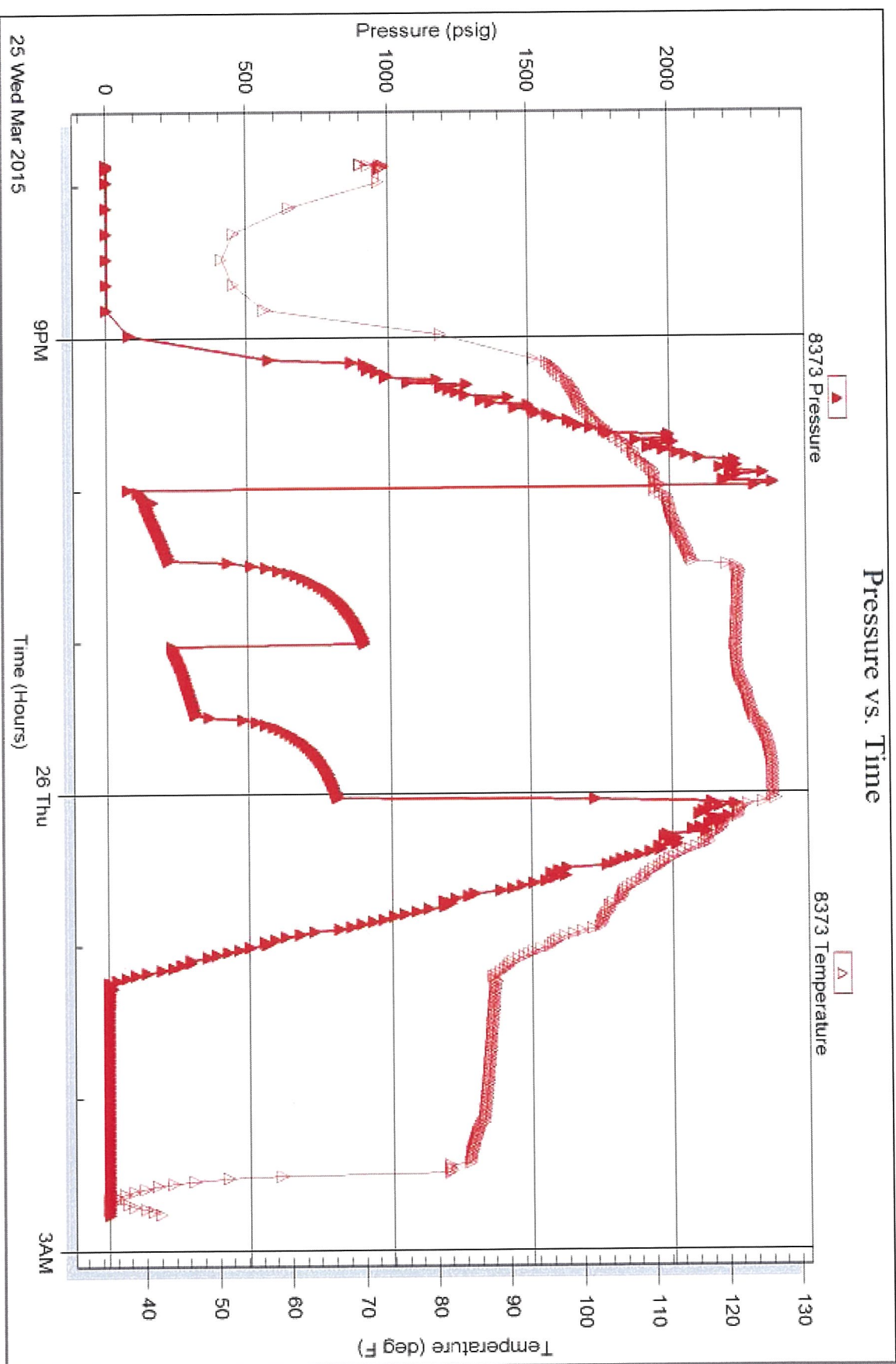
Serial #: 8373

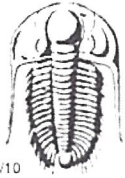
Inside

Palomino Petroleum

RS #1

DST Test Number: 6





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 61529

Well Name & No. RS #1 Test No. 1 Date 3-21-15
 Company Palomino Petroleum Elevation 2874 KB 2869 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Ryan Seib Rig WW #6
 Location: Sec. 18 Twp. 14S Rge. 30W Co. Gove State KS

Interval Tested 3978 4050 Zone Tested Lansing L-F
 Anchor Length 72 Drill Pipe Run 3836 Mud Wt. 8.6
 Top Packer Depth 3973 Drill Collars Run 122 Vis 63
 Bottom Packer Depth 3978 Wt. Pipe Run --- WL 7.2
 Total Depth 4050 Chlorides 1400 ppm System LCM 2

Blow Description IF: Surface blow built to 1/4,
IS: No return.
FF: Surface blow never built.
FS: No return.

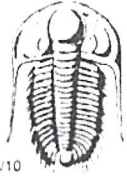
Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Free oil</u>	<u>100</u>			
<u>61</u>	<u>OCM</u>	<u>5</u>		<u>95</u>	

Rec Total 62 BHT 114 Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 1976 Test 1150 T-On Location 11:15
 (B) First Initial Flow 17 Jars 250 T-Started 15:44
 (C) First Final Flow 33 Safety Joint 75 T-Open 17:34
 (D) Initial Shut-In 1180 Circ Sub NIL T-Pulled 19:34
 (E) Second Initial Flow 39 Hourly Standby 3 1/2 - 350.00 T-Out 21:20
 (F) Second Final Flow 45 Mileage 90 - 90 Comments told on the
 (G) Final Shut-In 1098 Sampler --- break at 12:15
 (H) Final Hydrostatic 1837 Straddle ---
 Shale Packer --- Ruined Shale Packer ---
 Extra Packer --- Ruined Packer ---
 Extra Recorder --- Extra Copies ---
 Initial Open 30 Day Standby --- Sub Total 0
 Initial Shut-In 30 Accessibility --- Total 1565
 Final Flow 30 Sub Total 1565 MP/DST Disc't ---
 Final Shut-In 30

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the 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. 61530

Well Name & No. RS #1 Test No. 2 Date 3-22-15
 Company Palomino Petroleum Elevation 2874 KB 2869 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig WW #6
 Location: Sec. 18 Twp. 14S Rge. 30W Co. Gove State KS

Interval Tested 4025 4117 Zone Tested Lensing-G
 Anchor Length _____ 92 Drill Pipe Run 3897 Mud Wt. 8.9
 Top Packer Depth _____ 4020 Drill Collars Run 122 Vis 55
 Bottom Packer Depth _____ 4025 Wt. Pipe Run _____ WL 7.2
 Total Depth _____ 4117 Chlorides 2000 ppm System LCM 2

Blow Description IF: Surface blow built to 2 in 30 min.
IS: No return.
FF: Surface blow built to 1/4 in 30 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>OCM</u>	<u>5</u>		<u>95</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

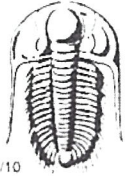
Rec Total 90 BHT 111 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1978 Test 1150 T-On Location 6:00
 (B) First Initial Flow 19 Jars 250 T-Started 7:17
 (C) First Final Flow 38 Safety Joint 75 T-Open 9:04
 (D) Initial Shut-In 959 Circ Sub NIC T-Pulled 11:04
 (E) Second Initial Flow 40 Hourly Standby _____ T-Out 12:50
 (F) Second Final Flow 55 Mileage 90 - 90 Comments _____
 (G) Final Shut-In 865 Sampler _____
 (H) Final Hydrostatic 1952 Straddle _____

Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1565
 Sub Total 1565
 Total 1565
 MP/DST Disc't _____

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged or lost 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. 61531

Well Name & No. R5 #1 Test No. 3 Date 3-22-15
 Company Palomino Petroleum Elevation 2874 KB 2869 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig WW #6
 Location: Sec. 18 Twp. 14S Rge. 30W Co. Gove State KS

Interval Tested 4103 4202 Zone Tested Leasing - H-I-J
 Anchor Length _____ Drill Pipe Run 3960 Mud Wt. 8.9
 Top Packer Depth _____ Drill Collars Run 122 Vis 55
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 7.2
 Total Depth 4202 Chlorides 2000 ppm System LCM 2

Blow Description IF: BoB in 7 min.
IS: BoB in 9 min.
FF: BoB in 6 min.
FS: BoB in 8 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>141</u>	<u>90</u>	<u>20</u>	<u>80</u>		
<u>95</u>	<u>ML90</u>	<u>20</u>	<u>75</u>		<u>5</u>
<u>157</u>	<u>90CM</u>	<u>20</u>	<u>20</u>		<u>60</u>
<u>126</u>	<u>90CM</u>	<u>20</u>	<u>10</u>		<u>70</u>
<u>182</u>	<u>GIP</u>				

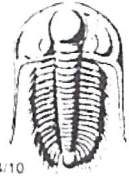
Rec Total 519 BHT 120 Gravity 39 API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2046 Test 1150 T-On Location 23:00
 (B) First Initial Flow 49 Jars 250 T-Started 00:07
 (C) First Final Flow 139 Safety Joint 75 T-Open 2:18
 (D) Initial Shut-In 1083 Circ Sub N/C 3.75h 300 T-Pulled 4:18
 (E) Second Initial Flow 139 Hourly Standby 5-500.00 T-Out 13:40
 (F) Second Final Flow 213 Mileage 90-90 Comments on the bank 11:30
 (G) Final Shut-In 1066 Sampler _____ Rig broke down.
 (H) Final Hydrostatic 1977 Straddle _____ 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 1865
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1865

Approved By [Signature] 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. 61532

Well Name & No. RS #1 Test No. 4 Date 3-24-15
 Company Palomino Petroleum Elevation 2874 KB 2869 GL
 Address _____
 Co. Rep / Geo. Ryan Scib Rig WW#6
 Location: Sec. 18 Twp. 14S Rge. 30W Co. Goove State KS

Interval Tested 4198 4285 Zone Tested Lensing K-L
 Anchor Length _____ Drill Pipe Run 4055 Mud Wt. 9.2
 Top Packer Depth _____ Drill Collars Run 122 Vis 50
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 7.2
 Total Depth 4285 Chlorides 2300 ppm System LCM 1

Blow Description IF: 1/4 blow built to 3 in 30 min.
IS: No return.
FF: surface blow built to 1 in 30 min.
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>67</u>	<u>mud</u>			<u>100</u>	
<u>61</u>	<u>wcm</u>		<u>5</u>	<u>95</u>	
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____

Rec Total 128 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2115</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>2:20</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2:50</u>
(C) First Final Flow <u>54</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>5:09</u>
(D) Initial Shut-In <u>1024</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>7:09</u>
(E) Second Initial Flow <u>58</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>9:05</u>
(F) Second Final Flow <u>80</u>	<input checked="" type="checkbox"/> Mileage <u>90-</u> <u>90</u>	Comments _____
(G) Final Shut-In <u>992</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>2106</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

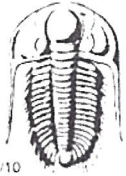
Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1565

Total 1565
 MP/DST Disc't _____

Approved By [Signature] 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. 61533

Well Name & No. RS #1 Test No. 5 Date 3-24-15
 Company Palomino Petroleum Elevation 2874 KB 2869 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig WW#6
 Location: Sec. 18 Twp. 14S Rge. 30W Co. Gove State KS

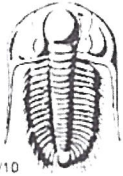
Interval Tested 4359 4454 Zone Tested Morrison - Pawnee
 Anchor Length _____ Drill Pipe Run 4215 Mud Wt. 9.3
 Top Packer Depth _____ Drill Collars Run 122 Vis 49
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 8.8
 Total Depth 4454 Chlorides 2400 ppm System LCM 2
 Blow Description IFI 1/4 blow built to 9 in 30 min,
ISI No return,
FF: BoB in 6 min,
FSI No return,

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
<u>61</u>	<u>MC90</u>	<u>40</u>	<u>50</u>	<u>30</u>	
<u>61</u>	<u>90CM</u>	<u>30</u>	<u>30</u>	<u>40</u>	
Rec _____	Feet of <u>268 GIP</u>	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 162 BHT 118 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2241</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>23:00</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2:49</u>
(C) First Final Flow <u>55</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>4:57</u>
(D) Initial Shut-In <u>967</u>	<input checked="" type="checkbox"/> Circ Sub <u>NIL</u>	T-Pulled <u>6:57</u>
(E) Second Initial Flow <u>46</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>9:00</u>
(F) Second Final Flow <u>76</u>	<input checked="" type="checkbox"/> Mileage <u>90-</u> <u>90</u>	Comments _____
(G) Final Shut-In <u>954</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2148</u>	<input type="checkbox"/> Straddle _____	
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
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>1815</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1815</u>	

Approved By [Signature] 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. 61534

Well Name & No. RS #1 Test No. 6 Date 3-25-15
 Company Palomino Petroleum Elevation 2874 KB 2869 GL
 Address _____
 Co. Rep / Geo. Ryan Seib Rig WW #6
 Location: Sec. 18 Twp. 145 Rge. 30W Co. Gove State KS

Interval Tested 4443 4547 Zone Tested Ft Scott - Johnson
 Anchor Length _____ Drill Pipe Run 4304 Mud Wt. 9.4
 Top Packer Depth _____ Drill Collars Run 122 Vis 54
 Bottom Packer Depth _____ Wt. Pipe Run _____ WL 9.6
 Total Depth _____ Chlorides 2400 ppm System LCM _____
 Blow Description IF: BoB in 6 min,
IS: No return,
FF: BoB in 14 min,
FS: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>196</u>	<u>mud</u>			<u>100</u>	
<u>124</u>	<u>wcm oil spots</u>		<u>20</u>	<u>80</u>	
<u>186</u>	<u>MLW oil spots</u>		<u>60</u>	<u>40</u>	
<u>124</u>	<u>MLW</u>		<u>80</u>	<u>20</u>	

Rec Total 630 BHT 126 Gravity _____ API RW 125 @ 49 °F Chlorides 42,000 ppm

(A) Initial Hydrostatic 2367 Test 1150 T-On Location 19:00
 (B) First Initial Flow 53 Jars 250 T-Started 19:51
 (C) First Final Flow 217 Safety Joint 75 T-Open 21:58
 (D) Initial Shut-In 907 Circ Sub NIL T-Pulled 23:58
 (E) Second Initial Flow 225 Hourly Standby _____ T-Out 2:40
 (F) Second Final Flow 310 Mileage 90-x2 180 Comments _____
 (G) Final Shut-In 810 Sampler _____ loaded tools 3/27 2:30
 (H) Final Hydrostatic 2281 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1655
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1655

Approved By [Signature] 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.