

SWIFT



Services, Inc.

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



Invoice

DATE	INVOICE #
6/11/2012	21789

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

RECEIVED

JUN 14 2012

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Arlene	Rooks	Express Well Serv...	Oil	Development	Cement Port Collar	Don
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
576D-D	Pump Charge - Port Collar - 1468 Feet				1	Job	1,250.00	1,250.00
290	D-Air				2	Gallon(s)	35.00	70.00T
104	5 1/2" Port Collar Tool Rental				1	Each	250.00	250.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.50	2,062.50T
276	Flocele				50	Lb(s)	2.00	100.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
583D	Drayage				597.06	Ton Miles	1.00	597.06
	Subtotal							4,969.56
	Sales Tax Rooks County						6.30%	156.40

We Appreciate Your Business!

Total

\$5,125.96



Services, Inc.

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

TICKET NO: **21789**

LEASE # 2
 CONTRACTOR Arrene
 RIG NAME NO. Risks

WELL PROJECT NO. Arrene
 COUNTY/PARISH Risks
 STATE KS
 CITY Arrene

DATE 6-11-12
 ORDER NO.

WELL PERMIT NO. New Zurich, KS
 WELL LOCATION

OWNER

PAGE 1 OF 1

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING LOC ACCT DF	DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
575			MILEAGE #113	50	mi			400	20000
576 D			Ramp Change - cut Port Cellar	1	ea	1400	ft.	125000	125000
290			D-Air	2	gal			3500	7000
10-1			Port Cellar Tool Rough	1	ea	5 1/2	in	25000	25000
330			SWD Cement	125	SKS			1650	206250
296			Flare	52	lbs			200	10400
583			Service Change - Cement Drillage	200	SKS	19852	lbs	200	40000
				59200	Ton	19902	lbs	100	59200

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 6-11-12 TIME SIGNED 0900
 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?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 56
 Books TAX 156
 TOTAL 5125

SWIFT OPERATOR [Signature] APPROVAL
 CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 Thank You!

SWIFT



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



Invoice

DATE	INVOICE #
6/1/2012	21447

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

RECEIVED
JUN 06 2012

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Arlene	Rooks	Mallard JV	Oil	Development	LongString	Nick
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
402-5	5 1/2" Centralizer				1	Each	70.00	70.00T
403-5	5 1/2" Cement Basket				3	Each	250.00	750.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				7	Each	90.00	630.00T
414-5	5 1/2" Limit Clamp				1	Each	30.00	30.00T
325	Standard Cement				100	Sacks	13.50	1,350.00T
330	Swift Multi-Density Standard (MIDCON II)				75	Sacks	16.50	1,237.50T
276	Flocele				50	Lb(s)	2.00	100.00T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	35.00	175.00T
285	CFR-1				50	Lb(s)	4.00	200.00T
581D	Service Charge Cement				175	Sacks	2.00	350.00
583D	Drayage				535	Ton Miles	1.00	535.00
	Subtotal							11,062.50
	Sales Tax Rooks County						6.30%	531.56

We Appreciate Your Business!

Total

\$11,594.06



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

TICKET No 21447

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Hays, KS
 2. Ness City, KS
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. #2 LEASE Arleta COUNTY/PARISH Rocks STATE KS CITY
 TICKET TYPE SERVICE SALES CONTRACTOR Mallard Drig RIG NAME/NO.
 WELL TYPE Oil WELL CATEGORY Development JOB PURPOSE Long string DELIVERED TO Location SHIPPED VIA CT
 INVOICE INSTRUCTIONS

DATE 6-1-12 OWNER same
 ORDER NO.
 WELL LOCATION

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
5-75						40	mi				6.00	240.00
5-78					Pump Charge Longstring	1	ea				1500.00	1500.00
221					KEL	4	gal				25.00	100.00
281 281					Mud Flash	500	gal				1.25	625.00
290					D-Air	2	gal				35.00	70.00
402					Centralizer	1	ea				20.00	20.00
403					Basket	3	ea				25.00	75.00
404					Port Collar	1	ea				2400.00	2400.00
406					LD Plug & Baffle	1	ea				250.00	250.00
407					Ease-Float Shoe w/Flt	1	ea				350.00	350.00
409					Turbo Lizer	7	ea				90.00	630.00
414					Limit Clamp	1	ea				30.00	30.00

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.
 X Alan Woodford
 DATE SIGNED 6-2-12 TIME SIGNED 0340 A.M. P.M.
 SWIFT OPERATOR Mich Forde APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket
 REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	OUR SERVICE WAS 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"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OUR EQUIPMENT DID NOT WISH TO RESPOND

PAGE TOTAL	1	7015	00
TOTAL	11,594	06	

Subtotal 11062.50
 Rocks TAX 531.56
 Total 11,594.06

Thank You!



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

TICKET CONTINUATION

TICKET No. 21947

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL #2 Arlene				DATE	PAGE	OF
		LOG	ACCT	DE			QTY.	UM	QTY.	UM			
325		2				Standard Cement	100	sks			6-1-12	2	2
330		2				SMD Cement	75	sks					
276		2				Flocelex	50	#					
283		2				Salt	500	#					
284		2				Calseal	5	sks					
285		2				CFR-1	50	#					
581		2				SERVICE CHARGE							
583		2				MILEAGE CHARGE							
SERVICE CHARGE MILEAGE CHARGE TOTAL WEIGHT LOADED MILES CUBIC FEET TON MILES							17832	175363	535	2.00	1.00	350.00	535.00
CONTINUATION TOTAL													4047.50

JOB LOG

SWIFT Services, Inc.

DATE 6-1-12 PAGE NO. 7

CUSTOMER Palomina Petroleum WELL NO. #2 LEASE Arlene JOB TYPE Longstring TICKET NO. 21447

Table with columns: CHART NO., TIME, RATE (BPM), VOLUME (BBL) (GAL), PUMPS (T, C), PRESSURE (PSI) (TUBING, CASING), DESCRIPTION OF OPERATION AND MATERIALS. Includes entries for RTD 3572', Plug RH 4A, Start Mudflush, Start KCL flush, Start SMD Cement 25sks, Start EA-2 Cement 100sks, End Cement, Wash P&L, Drop L.P. Plug, Start Displacement, Catch Cement, Land Plug, Release Pressure, Float Held.

Thank you
Nick, Don & Russ.



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

INVOICE

Invoice Number: 131295

Invoice Date: May 26, 2012

Page: 1

RECEIVED
JUN 02 2012



Bill To:
Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Palo	Arlene #2	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Great Bend	May 26, 2012	6/25/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
162.09	SER	Handling	2.10	340.39
35.00	SER	Ton Miles	17.39	608.65
1.00	SER	Surface	1,125.00	1,125.00
35.00	SER	Heavy Vehicle Mileage	7.00	245.00
35.00	SER	Light Vehicle Mileage	4.00	140.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Kerry Rose		
1.00	EQUIP OPER	Kevin Eddy		

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1312.82

ONLY IF PAID ON OR BEFORE

Jun 20, 2012

Subtotal	5,251.29
Sales Tax	175.91
Total Invoice Amount	5,427.20
Payment/Credit Applied	
TOTAL	5,427.20

ALLIED OIL & GAS SERVICES, LLC 053543

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Great Bend, KS

DATE <u>5-26-12</u>	SEC. <u>17</u>	TWP. <u>9</u>	RANGE <u>19</u>	CALLED OUT	ON LOCATION	JOB START <u>8:15 pm</u>	JOB FINISH <u>9:15 pm</u>
LEASE <u>Arlene</u>	WELL # <u>2</u>	LOCATION <u>Zurick, KS. 3 north</u>			COUNTY <u>Neosho</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			1/4 west, south into				

CONTRACTOR Wallard OWNER Palomino

TYPE OF JOB Sur Face

HOLE SIZE <u>12 1/4</u>	T.D. <u>208</u>
CASING SIZE <u>8 5/8</u>	DEPTH <u>208</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>15 ft.</u>	
PERFS.	
DISPLACEMENT <u>12.294 bbl.</u>	

CEMENT AMOUNT ORDERED 150 sks
C/955 A 3% cc 2% gel

EQUIPMENT

PUMP TRUCK # <u>366</u>	CEMENTER <u>Greg R</u>
	HELPER <u>Kerry R</u>
BULK TRUCK # <u>378</u>	DRIVER <u>Kevin C</u>
BULK TRUCK #	DRIVER

COMMON	<u>150</u>	@	<u>16.25</u>	<u>2,437.50</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>5</u>	@	<u>58.20</u>	<u>291.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>162.09</u>	@	<u>2.10</u>	<u>340.38</u>
MILEAGE	<u>7.4 x 35 x</u>	@	<u>2.35</u>	<u>608.00</u>
TOTAL				<u>3,741.28</u>

REMARKS:
Pipe on bottom, break circulation with rig mud. Hook up to cement pump. Mix 150 sks C/955 A 3% cc 2% gel. Displace with 12.294 bbl fresh water. Shut in cement dia circulation. Rig down @ 9:15 pm

SERVICE

DEPTH OF JOB	<u>208</u>
PUMP TRUCK CHARGE	<u>1125.00</u>
EXTRA FOOTAGE	@
MILEAGE	<u>Hum 35 @ 7.00 245.00</u>
MANIFOLD	@
	<u>Hum 35 @ 4.00 140.00</u>
	@

CHARGE TO: Palomino

STREET _____

CITY _____ STATE _____ ZIP _____

TOTAL 1510.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____

TOTAL _____

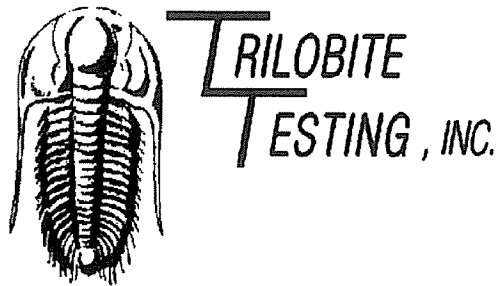
To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____

TOTAL CHARGES	<u>5,251.28</u>
DISCOUNT <u>25%</u>	<u>1,312.82</u>
IF PAID IN 30 DAYS	
	<u>3,938.46</u>

PRINTED NAME * Justin McDonald

SIGNATURE * [Signature]
Thank You!



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

Start Date: 2012.05.30 @ 07:49:05

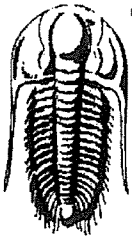
End Date: 2012.05.30 @ 12:34:39

Job Ticket #: 47339 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

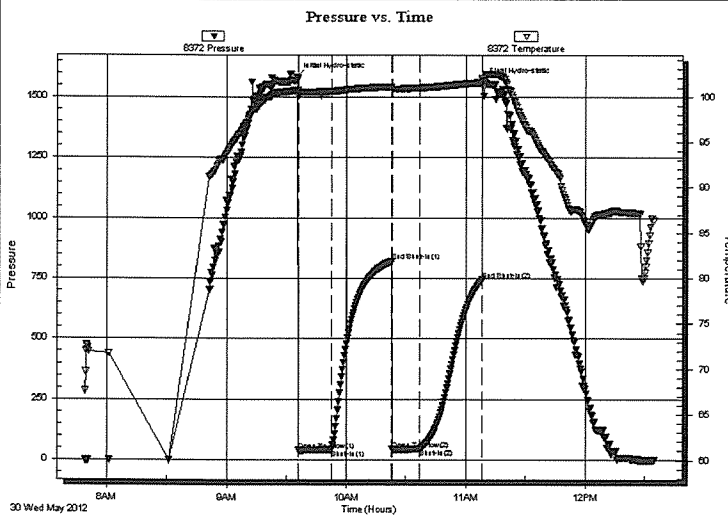
17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47339 **DST#: 1**
Test Start: 2012.05.30 @ 07:49:05

GENERAL INFORMATION:

Formation: **LKC"B-D"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:36:10
Time Test Ended: 12:34:39
Interval: **3286.00 ft (KB) To 3328.00 ft (KB) (TVD)**
Total Depth: 3328.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Initial)
Tester: Andy Carreira
Unit No: 39
Reference Elevations: 2050.00 ft (KB)
2045.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8372 Outside
Press@RunDepth: 45.27 psig @ 3290.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.30 End Date: 2012.05.30 Last Calib.: 2012.05.30
Start Time: 07:49:05 End Time: 12:34:40 Time On Btm: 2012.05.30 @ 09:35:00
Time Off Btm: 2012.05.30 @ 11:08:30

TEST COMMENT: IF:(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow .
ISl:(30min) No Return
FF:(15min) No Blow
FSl:(30min) No Return



PRESSURE SUMMARY

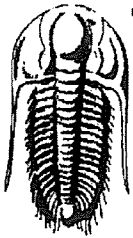
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1581.89	100.70	Initial Hydro-static
2	39.64	100.06	Open To Flow (1)
18	42.71	100.58	Shut-In(1)
48	819.76	101.09	End Shut-In(1)
49	43.24	100.73	Open To Flow (2)
63	45.27	100.96	Shut-In(2)
94	744.32	101.57	End Shut-In(2)
94	1562.58	102.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud w/ oil spcks in tool	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47339 **DST#: 1**
Test Start: 2012.05.30 @ 07:49:05

GENERAL INFORMATION:

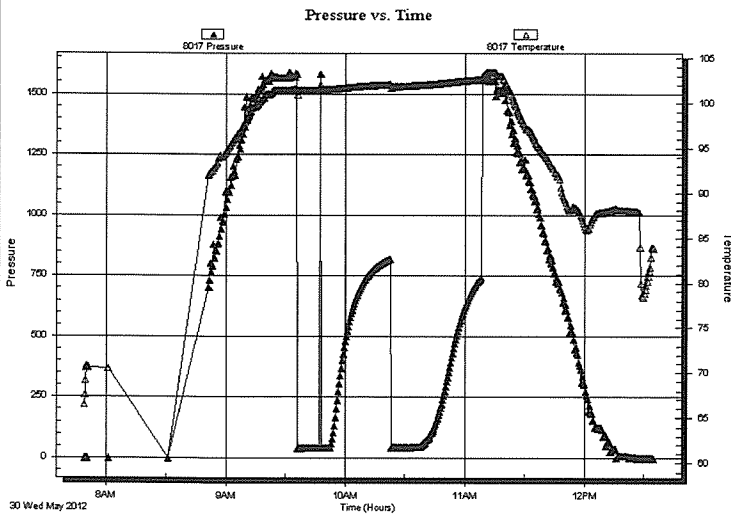
Formation: **LKC"B-D"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 09:36:10 Tester: Andy Carreira
 Time Test Ended: 12:34:39 Unit No: 39
 Interval: **3286.00 ft (KB) To 3328.00 ft (KB) (TVD)** Reference Elevations: 2050.00 ft (KB)
 Total Depth: 3328.00 ft (KB) (TVD) 2045.00 ft (CF)
 Hole Diameter: 7.88 inchesHole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8017

Inside

Press@RunDepth: psig @ 3290.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.30 End Date: 2012.05.30 Last Calib.: 2012.05.30
 Start Time: 07:49:05 End Time: 12:34:50 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:(15min) Blow Died in 5 min. Flush Tool, Surge, No Blow .
 ISl:(30min) No Return
 FF:(15min) No Blow
 FSl:(30min) No Return



PRESSURE SUMMARY

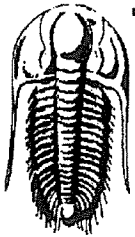
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mud w/ oil spcks in tool	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47339 **DST#: 1**
Test Start: 2012.05.30 @ 07:49:05

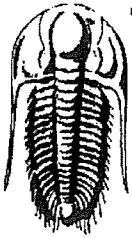
Tool Information

Drill Pipe:	Length: 3045.00 ft	Diameter: 3.80 inches	Volume: 42.71 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 239.58 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose:	56000.00 lb
			<u>Total Volume: 43.89 bbl</u>	Tool Chased	5.00 ft
Drill Pipe Above KB:	18.58 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3286.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	62.00 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			3267.00	
Shut In Tool	5.00			3272.00	
Hydraulic tool	5.00			3277.00	
Packer	5.00			3282.00	20.00 Bottom Of Top Packer
Packer	4.00			3286.00	
Stubb	1.00			3287.00	
Perforations	2.00			3289.00	
Change Over Sub	1.00			3290.00	
Recorder	0.00	8017	Inside	3290.00	
Recorder	0.00	8372	Outside	3290.00	
Drill Pipe	31.00			3321.00	
Change Over Sub	1.00			3322.00	
Perforations	3.00			3325.00	
Bullnose	3.00			3328.00	42.00 Bottom Packers & Anchor

Total Tool Length: 62.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

17-9s-19w Rooks,KS

4924 SE 84th St
New ton KS 67114+ 8827

Arlene #2

Job Ticket: 47339

DST#: 1

ATTN: Ken Wallace

Test Start: 2012.05.30 @ 07:49:05

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mud w / oil spcks in tool	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

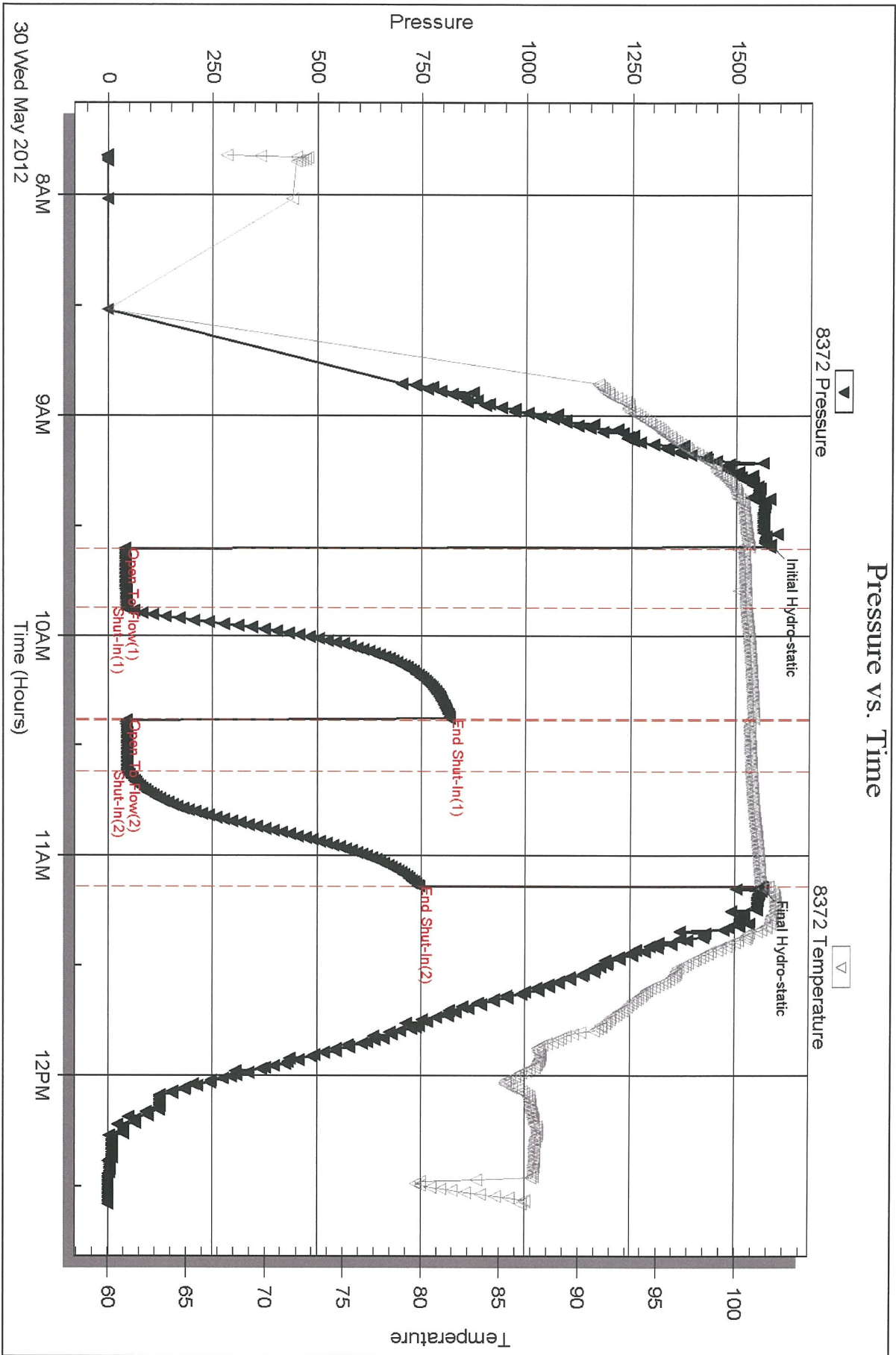
Serial #: 8372

Outside

Palomino Petroleum Inc.

Arlene #2

DST Test Number: 1



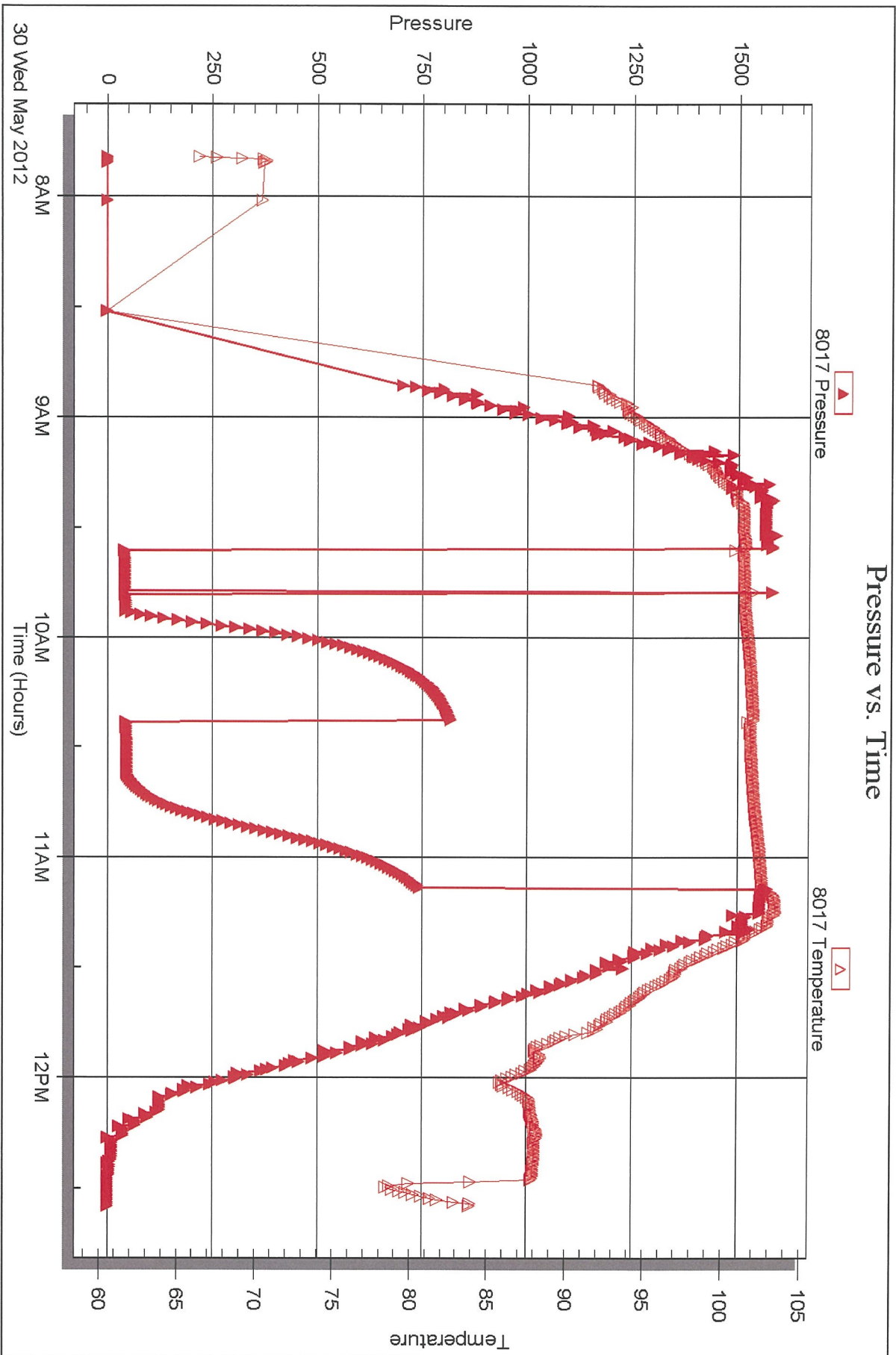
Serial #: 8017

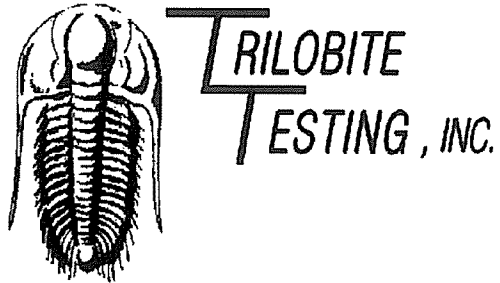
Inside

Palomino Petroleum Inc.

Arlene #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

Start Date: 2012.05.30 @ 23:56:05

End Date: 2012.05.31 @ 05:44:50

Job Ticket #: 47340 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47340 **DST#: 2**
Test Start: 2012.05.30 @ 23:56:05

GENERAL INFORMATION:

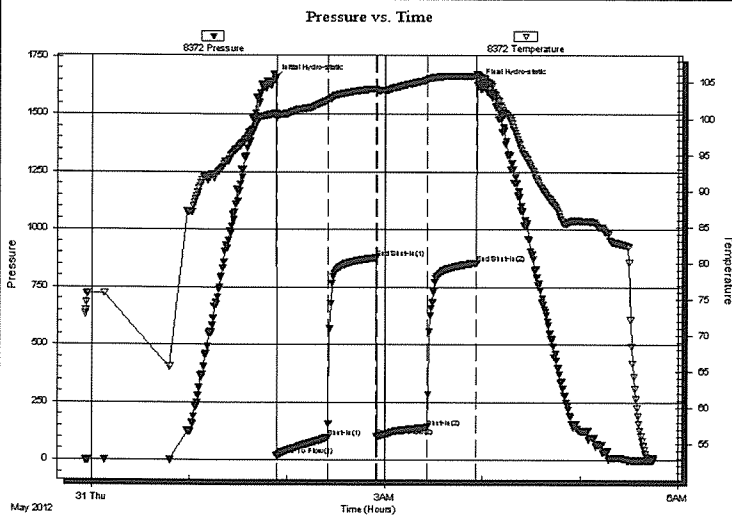
Formation: **LKC"H,I"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:53:20
Time Test Ended: 05:44:50
Interval: **3376.00 ft (KB) To 3422.00 ft (KB) (TVD)**
Total Depth: 3422.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Poor
Test Type: Conventional Bottom Hole (Reset)
Tester: Andy Carreira
Unit No: 39
Reference Elevations: 2050.00 ft (KB)
2045.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8372

Outside

Press@RunDepth: 141.71 psig @ 3381.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.30 End Date: 2012.05.31 Last Calib.: 2012.05.31
Start Time: 23:56:05 End Time: 05:44:50 Time On Btm: 2012.05.31 @ 01:52:10
Time Off Btm: 2012.05.31 @ 03:57:10

TEST COMMENT: IF:(30min) Slow build to 2"
ISl:(30min) No Return
FF:(30min) 1.5" blow
FSI:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1654.22	100.69	Initial Hydro-static
2	17.54	100.09	Open To Flow (1)
33	96.91	102.49	Shut-In(1)
63	877.39	104.13	End Shut-In(1)
63	100.69	103.72	Open To Flow (2)
94	141.71	105.34	Shut-In(2)
125	854.40	105.90	End Shut-In(2)
126	1638.19	106.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
275.00	OSMW o=tr m=15% w=85%	1.68

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47340 **DST#: 2**
Test Start: 2012.05.30 @ 23:56:05

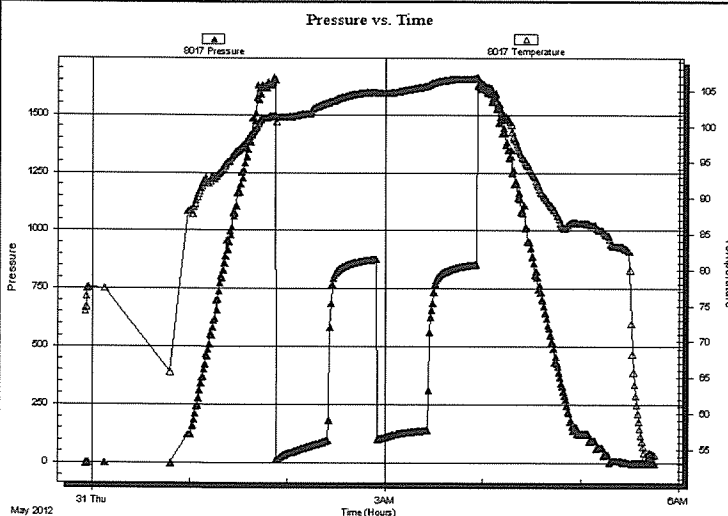
GENERAL INFORMATION:

Formation: **LKC"H,I"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 01:53:20 Tester: Andy Carreira
 Time Test Ended: 05:44:50 Unit No: 39
 Interval: **3376.00 ft (KB) To 3422.00 ft (KB) (TVD)** Reference Elevations: 2050.00 ft (KB)
 Total Depth: 3422.00 ft (KB) (TVD) 2045.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 5.00 ft

Serial #: 8017 Inside

Press@RunDepth: psig @ 3381.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.30 End Date: 2012.05.31 Last Calib.: 2012.05.31
 Start Time: 23:56:05 End Time: 05:44:40 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF:(30min) Slow build to 2"
 ISl:(30min) No Return
 FF:(30min) 1.5" blow
 FSl:(30min) No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
275.00	OSMW o=tr m=15% w=85%	1.68

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 Inc.

17-9s-19w Rooks,KS

4924 SE 84th St
New ton KS 67114+ 8827

Arlene #2

Job Ticket: 47340

DST#: 2

ATTN: Ken Wallace

Test Start: 2012.05.30 @ 23:56:05

Tool Information

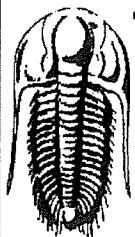
Drill Pipe:	Length: 3136.00 ft	Diameter: 3.80 inches	Volume: 43.99 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 239.58 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 45.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.58 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3376.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3357.00	
Shut In Tool	5.00			3362.00	
Hydraulic tool	5.00			3367.00	
Packer	5.00			3372.00	20.00 Bottom Of Top Packer
Packer	4.00			3376.00	
Stubb	1.00			3377.00	
Perforations	3.00			3380.00	
Change Over Sub	1.00			3381.00	
Recorder	0.00	8017	Inside	3381.00	
Recorder	0.00	8372	Outside	3381.00	
Drill Pipe	32.00			3413.00	
Change Over Sub	1.00			3414.00	
Perforations	5.00			3419.00	
Bullnose	3.00			3422.00	46.00 Bottom Packers & Anchor

Total Tool Length: 66.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47340 **DST#: 2**
Test Start: 2012.05.30 @ 23:56:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	31000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
275.00	OSMW o=tr m=15% w =85%	1.675

Total Length: 275.00 ft Total Volume: 1.675 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Resistivity- .31@ 52deg= 31000

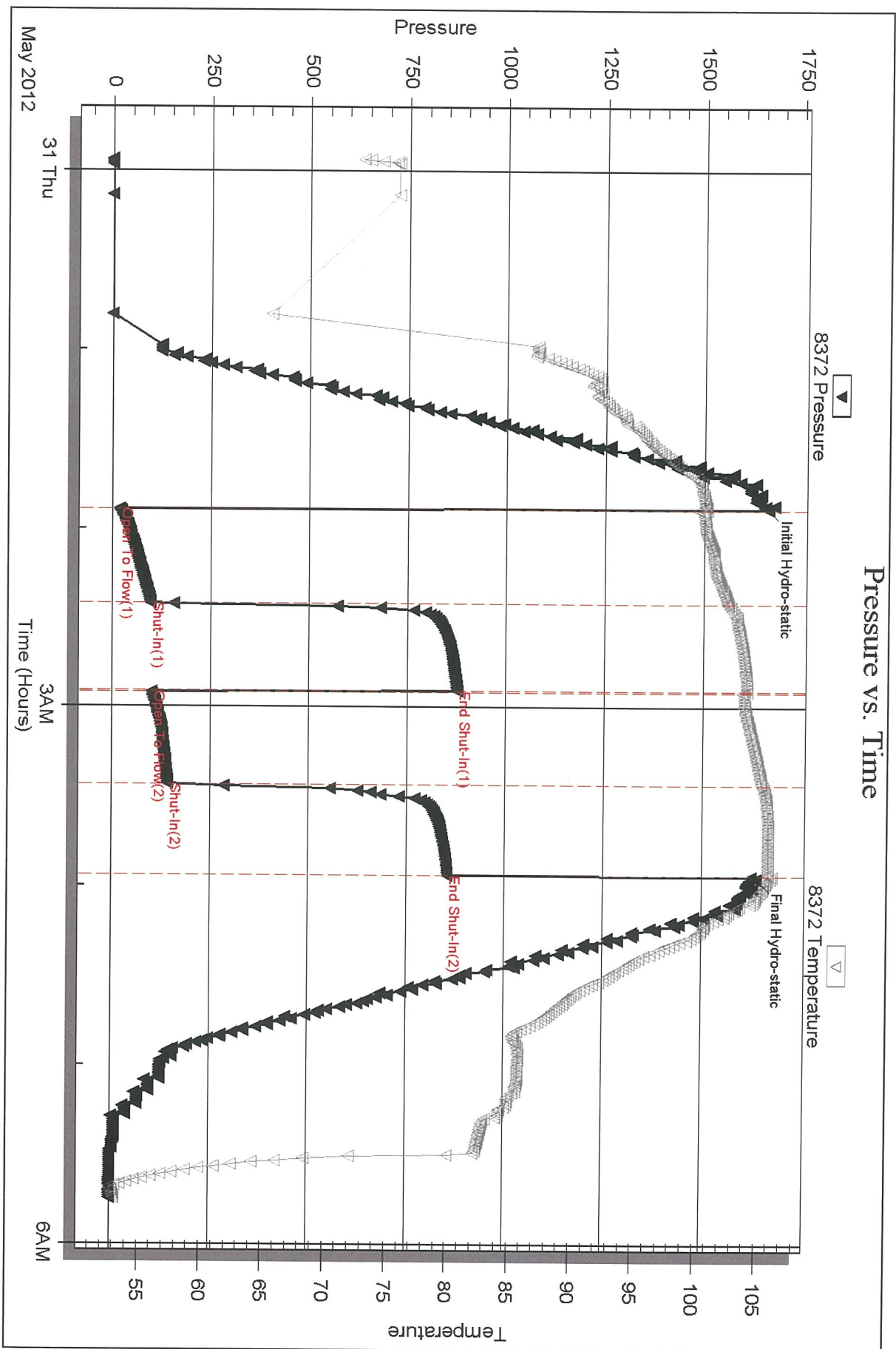
Serial #: 8372

Outside

Palomino Petroleum Inc.

Arlene #2

DST Test Number: 2



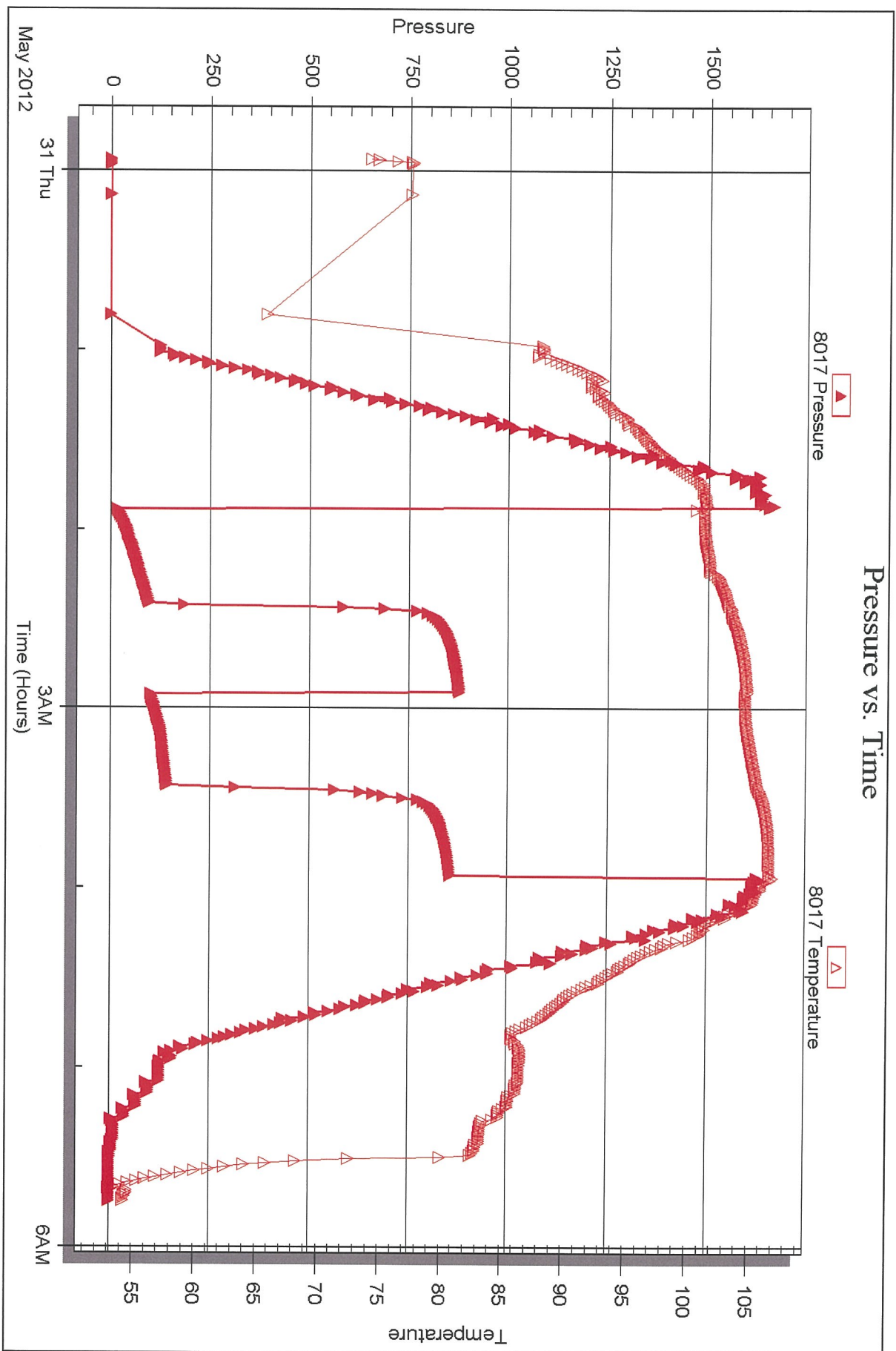
Serial #: 8017

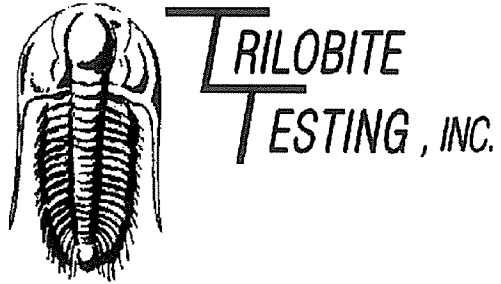
Inside

Palomino Petroleum Inc.

Arlene #2

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

Start Date: 2012.05.31 @ 13:05:05

End Date: 2012.05.31 @ 17:13:10

Job Ticket #: 47341 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47341 **DST#: 3**
Test Start: 2012.05.31 @ 13:05:05

GENERAL INFORMATION:

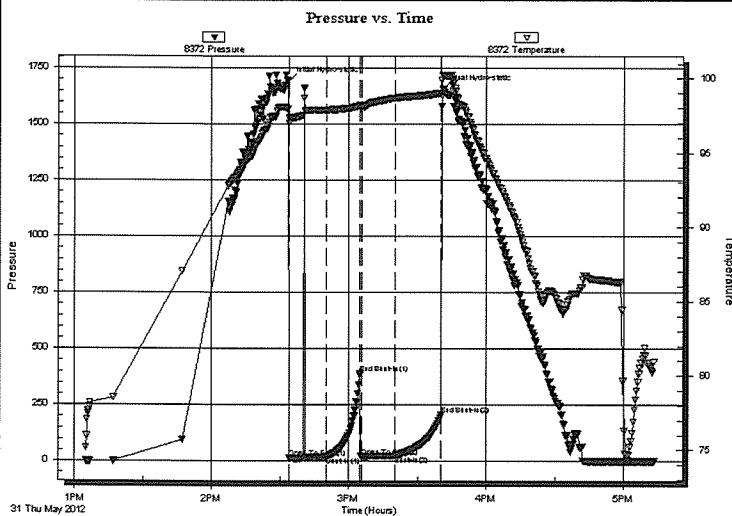
Formation: **LKC"J,K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:34:00
 Time Test Ended: 17:13:10
 Interval: **3428.00 ft (KB) To 3464.00 ft (KB) (TVD)**
 Total Depth: 3464.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Andy Carreira
 Unit No: 39
 Reference Elevations: 2050.00 ft (KB)
 2045.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8372

Outside

Press@RunDepth: 24.29 psig @ 3429.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.05.31 End Date: 2012.05.31 Last Calib.: 2012.05.31
 Start Time: 13:05:05 End Time: 17:13:10 Time On Btm: 2012.05.31 @ 14:33:50
 Time Off Btm: 2012.05.31 @ 15:41:10

TEST COMMENT: IF:(15min) No Blow , Flush, Surge, No Blow
 IS:(15min) No Return
 FF:(15min) No Blow
 FS:(15min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1693.67	97.94	Initial Hydro-static
1	12.54	96.97	Open To Flow (1)
17	19.65	97.86	Shut-In(1)
31	388.14	98.18	End Shut-In(1)
32	20.47	98.05	Open To Flow (2)
47	24.29	98.68	Shut-In(2)
67	205.10	99.02	End Shut-In(2)
68	1657.12	100.20	Final Hydro-static

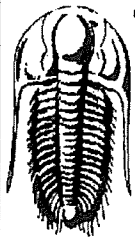
Recovery

Length (ft)	Description	Volume (bbl)
10.00	HOCM $\sigma=20\%$ $m=80\%$	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+ 8827
ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 47341 **DST#: 3**
Test Start: 2012.05.31 @ 13:05:05

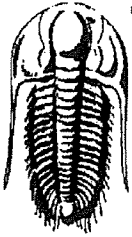
Tool Information

Drill Pipe:	Length: 3171.00 ft	Diameter: 3.80 inches	Volume: 44.48 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 239.58 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.66 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	2.58 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3428.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3409.00	
Shut In Tool	5.00			3414.00	
Hydraulic tool	5.00			3419.00	
Packer	5.00			3424.00	20.00 Bottom Of Top Packer
Packer	4.00			3428.00	
Stubb	1.00			3429.00	
Recorder	0.00	8017	Inside	3429.00	
Recorder	0.00	8372	Outside	3429.00	
Perforations	32.00			3461.00	
Bullnose	3.00			3464.00	36.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

17-9s-19w Rooks,KS

4924 SE 84th St
New ton KS 67114+ 8827

Arlene #2

Job Ticket: 47341

DST#: 3

ATTN: Ken Wallace

Test Start: 2012.05.31 @ 13:05:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2200.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	HOCM o=20% m=80%	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

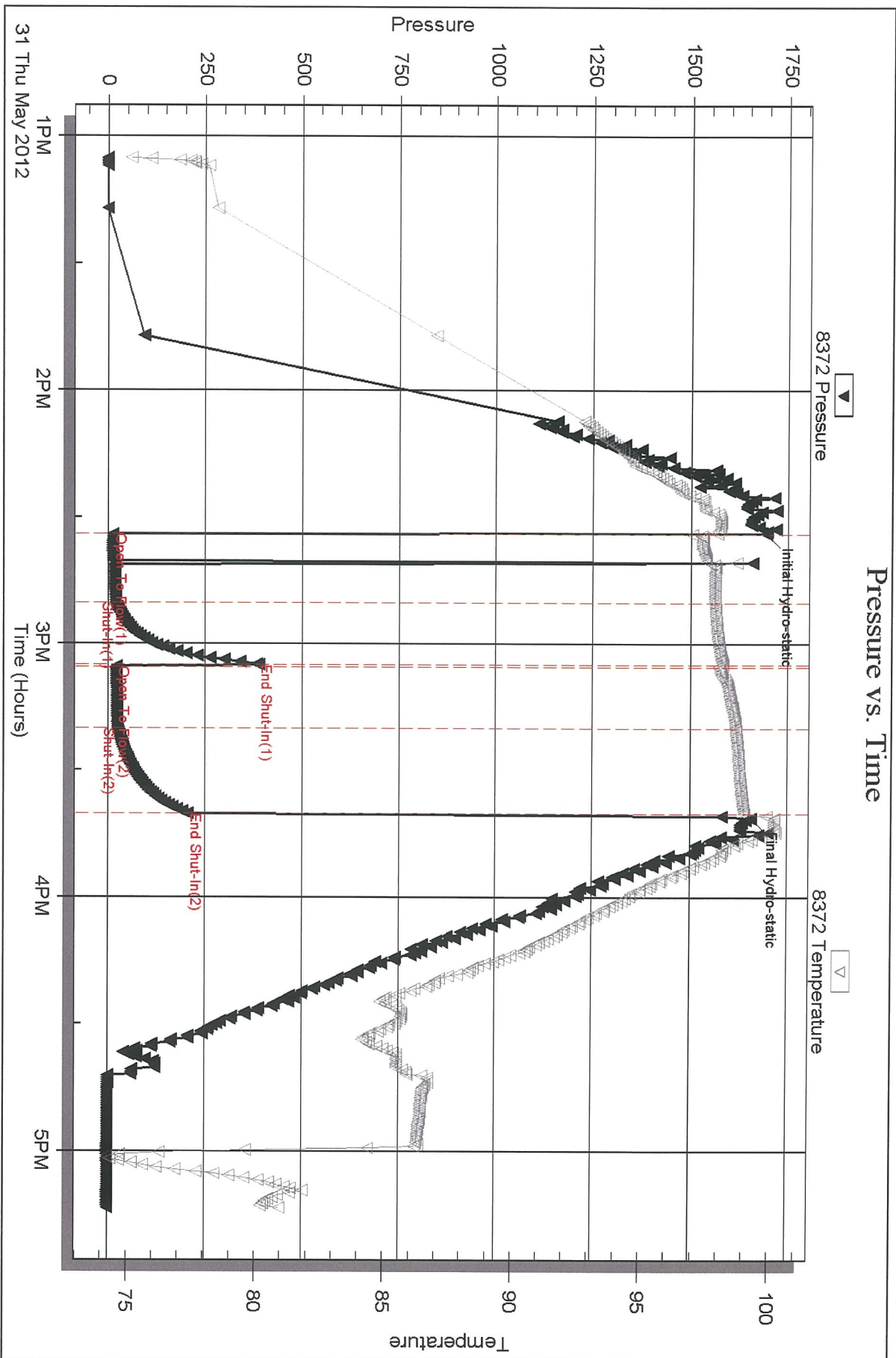
Serial #: 8372

Outside

Palomino Petroleum Inc.

Arlene #2

DST Test Number: 3



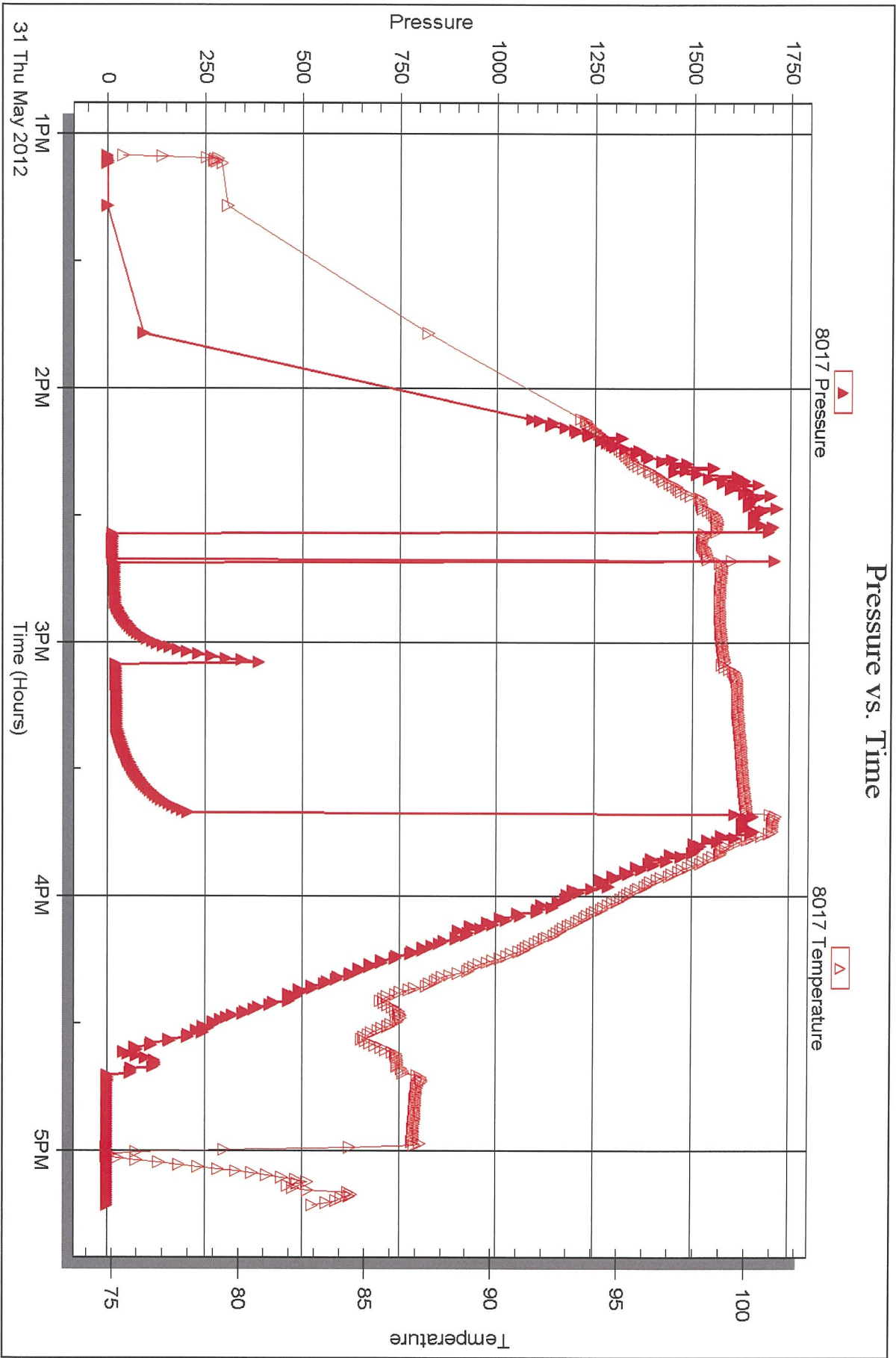
Serial #: 8017

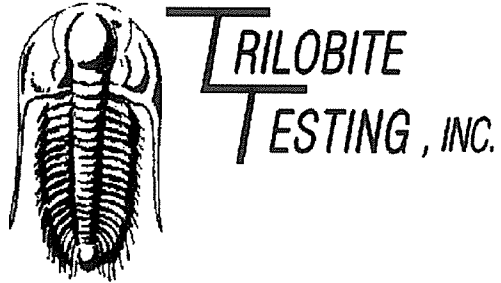
Inside

Palomino Petroleum Inc.

Arlene #2

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum inc.**

4924 SE 84th St
Newton KS 67114+ 8827

ATTN: Ken Wallace

Arlene #2

17-9s-19w Rooks,KS

Start Date: 2012.06.01 @ 10:35:00

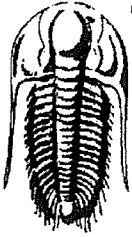
End Date: 2012.06.01 @ 16:10:15

Job Ticket #: 48006 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum inc.
4924 SE 84th St
New ton KS 67114+ 8827

ATTN: Ken Wallace

17-9s-19w Rooks,KS

Arlene #2
Job Ticket: 48006 **DST#: 4**
Test Start: 2012.06.01 @ 10:35:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:26:00
Time Test Ended: 16:10:15

Interval: **3461.00 ft (KB) To 3542.00 ft (KB) (TVD)**
Total Depth: 3572.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)
Tester: Kevin Mack
Unit No: 43

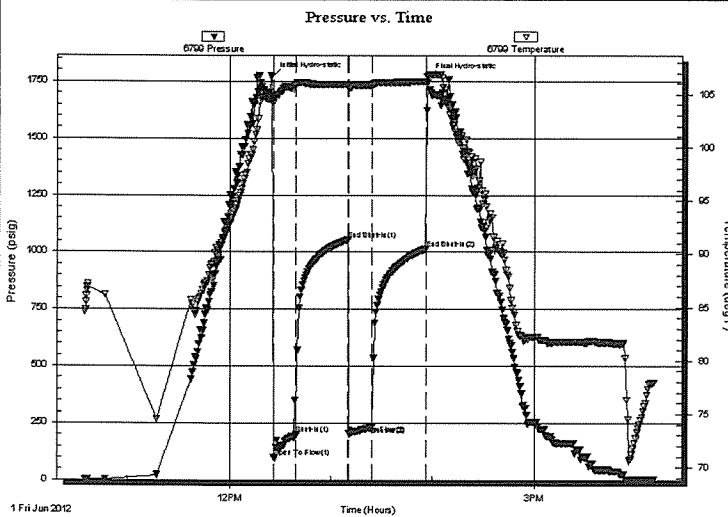
Reference Elevations: 2050.00 ft (KB)
2045.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 235.74 psig @ 3462.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.06.01 End Date: 2012.06.01 Last Calib.: 2003.01.01
Start Time: 10:35:05 End Time: 16:10:14 Time On Btm: 2012.06.01 @ 12:25:30
Time Off Btm: 2012.06.01 @ 13:57:15

TEST COMMENT: 15 - IF- BOB in 7 min.
30 - IS- Weak surface return started at 6 min. Died at 18 min.
15 - FF- BOB in 7 min.
30 - FS- Return started at 4 min. Built to 4 3/4"



PRESSURE SUMMARY

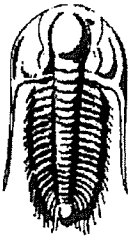
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1770.65	104.55	Initial Hydro-static
1	99.81	104.23	Open To Flow (1)
14	199.60	105.93	Shut-In(1)
45	1054.13	105.91	End Shut-In(1)
46	202.97	105.57	Open To Flow (2)
59	235.74	105.84	Shut-In(2)
91	1014.48	106.21	End Shut-In(2)
92	1766.49	106.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	OCM 40o 60M	1.18
120.00	MCO 50o 50M	1.68
60.00	MCO 70o 30M	0.84
30.00	MCO 90o 10M	0.42
0.00	30' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum inc.
 4924 SE 84th St
 New ton KS 67114+ 8827
 ATTN: Ken Wallace

17-9s-19w Rooks, KS
Arlene #2
 Job Ticket: 48006 **DST#: 4**
 Test Start: 2012.06.01 @ 10:35:00

GENERAL INFORMATION:

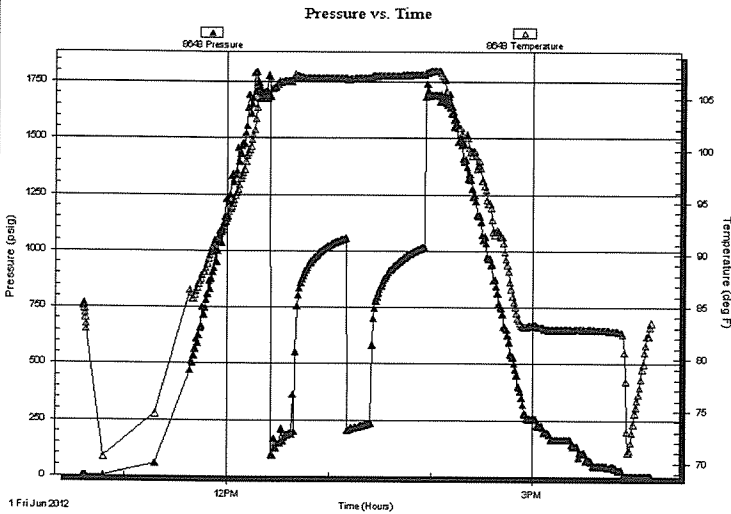
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:26:00
 Time Test Ended: 16:10:15
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Kevin Mack
 Unit No: 43
 Interval: **3461.00 ft (KB) To 3542.00 ft (KB) (TVD)**
 Total Depth: 3572.00 ft (KB) (TVD)
 Reference Elevations: 2050.00 ft (KB)
 2045.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 5.00 ft

Serial #: 8648

Inside

Press@RunDepth: psig @ 3462.00 ft (KB)
 Capacity: 8000.00 psig
 Start Date: 2012.06.01 End Date: 2012.06.01 Last Calib.: 2003.01.01
 Start Time: 10:35:50 End Time: 16:09:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: 15 - IF- BOB in 7 min.
 30 - IS- Weak surface return started at 6 min. Died at 18 min.
 15 - FF- BOB in 7 min.
 30 - FS- Return started at 4 min. Built to 4 3/4"



PRESSURE SUMMARY

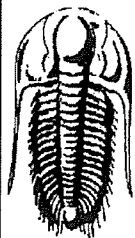
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
240.00	OCM 40o 60M	1.18
120.00	MCO 50o 50M	1.68
60.00	MCO 70o 30M	0.84
30.00	MCO 90o 10M	0.42
0.00	30' GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum inc.
 4924 SE 84th St
 New ton KS 67114+ 8827
 ATTN: Ken Wallace

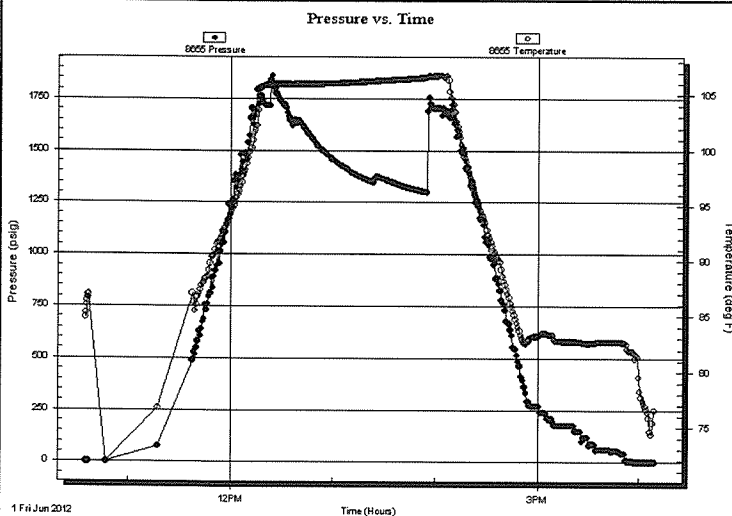
17-9s-19w Rooks,KS
Arlene #2
 Job Ticket: 48006 **DST#: 4**
 Test Start: 2012.06.01 @ 10:35:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:26:00 Tester: Kevin Mack
 Time Test Ended: 16:10:15 Unit No: 43
 Interval: **3461.00 ft (KB) To 3542.00 ft (KB) (TVD)** Reference Elevations: 2050.00 ft (KB)
 Total Depth: 3572.00 ft (KB) (TVD) 2045.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 5.00 ft

Serial #: 8655 Below (Straddle)
 Press@RunDepth: psig @ 3543.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.06.01 End Date: 2012.06.01 Last Calib.: 2003.01.01
 Start Time: 10:35:05 End Time: 16:08:44 Time On Btm:
 Time Off Btm:

TEST COMMENT: 15 - IF- BOB in 7 min.
 30 - IS- Weak surface return started at 6 min. Died at 18 min.
 15 - FF- BOB in 7 min.
 30 - FS- Return started at 4 min. Built to 4 3/4"



PRESSURE SUMMARY

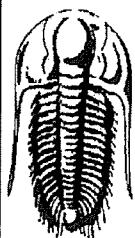
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
240.00	OCM 40o 60M	1.18
120.00	MCO 50o 50M	1.68
60.00	MCO 70o 30M	0.84
30.00	MCO 90o 10M	0.42
0.00	30' GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum inc.
4924 SE 84th St
New ton KS 67114+ 8827

ATTN: Ken Wallace

17-9s-19w Rooks,KS
Arlene #2
Job Ticket: 48006 **DST#: 4**
Test Start: 2012.06.01 @ 10:35:00

Tool Information

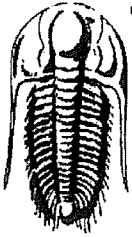
Drill Pipe:	Length: 3231.00 ft	Diameter: 3.80 inches	Volume: 45.32 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.50 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3461.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	111.00 ft			
Tool Length:	132.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3441.00	
Shut In Tool	5.00			3446.00	
Hydraulic tool	5.00			3451.00	
Packer	5.00			3456.00	21.00 Bottom Of Top Packer
Packer	5.00			3461.00	
Stubb	1.00			3462.00	
Recorder	0.00	8648	Inside	3462.00	
Recorder	0.00	6799	Inside	3462.00	
Perforations	6.00			3468.00	
Change Over Sub	1.00			3469.00	
Drill Pipe	62.00			3531.00	
Change Over Sub	1.00			3532.00	
Perforations	5.00			3537.00	
Blank Off Sub	1.00			3538.00	
Packer - Shale	4.00			3542.00	
Stubb	1.00			3543.00	
Recorder	0.00	8655	Below	3543.00	
Perforations	24.00			3567.00	
Bullnose	5.00			3572.00	111.00 Bottom Packers & Anchor

Total Tool Length: 132.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum inc.

17-9s-19w Rooks,KS

4924 SE 84th St
New ton KS 67114+ 8827

Arlene #2

Job Ticket: 48006

DST#: 4

ATTN: Ken Wallace

Test Start: 2012.06.01 @ 10:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	OCM 40o 60M	1.180
120.00	MCO 50o 50M	1.683
60.00	MCO 70o 30M	0.842
30.00	MCO 90o 10M	0.421
0.00	30' GIP	0.000

Total Length: 450.00 ft

Total Volume: 4.126 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6799

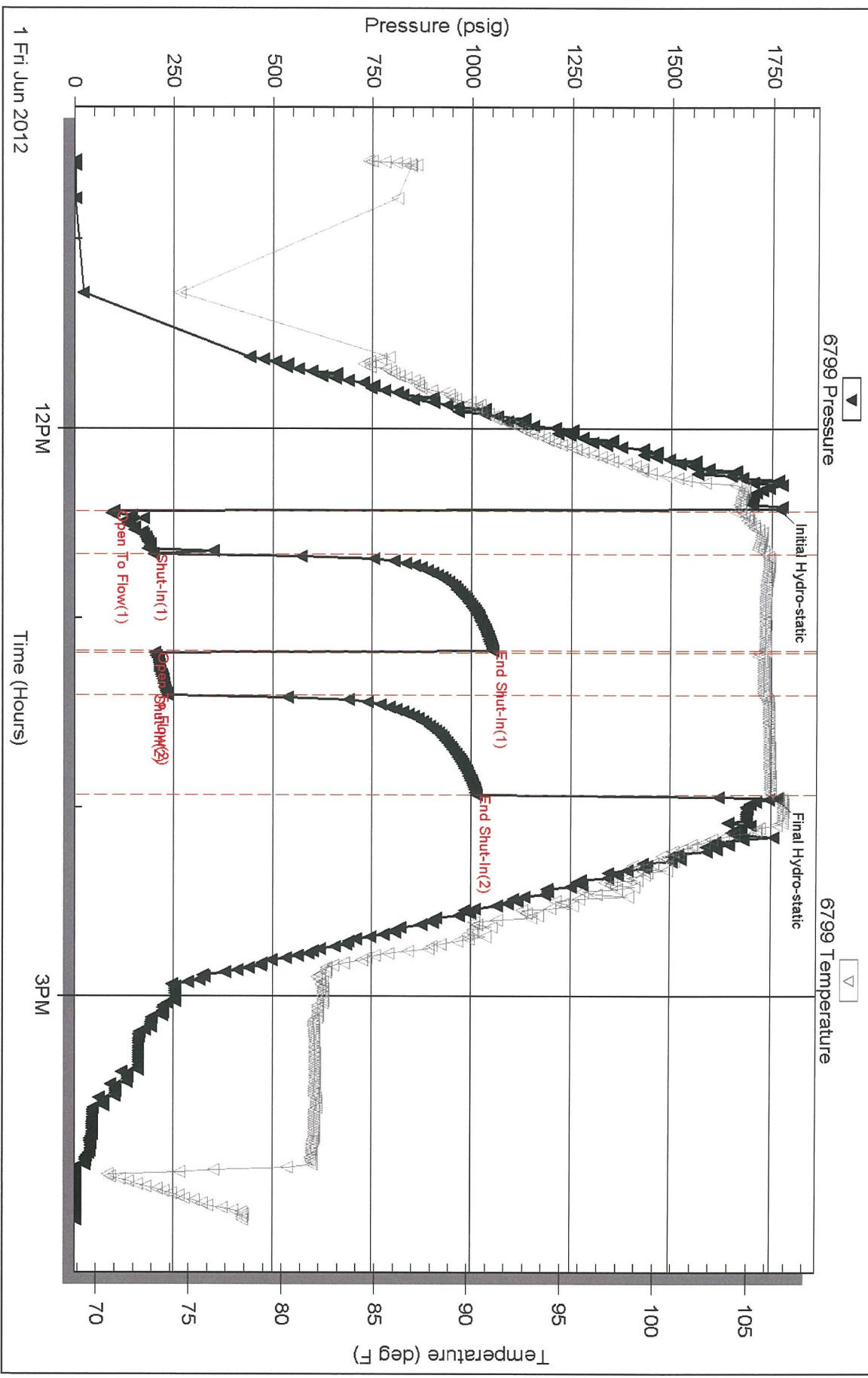
Inside

Palomino Petroleum Inc.

Arlene #2

DST Test Number: 4

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 48006

Printed: 2012.06.04 @ 15:56:38

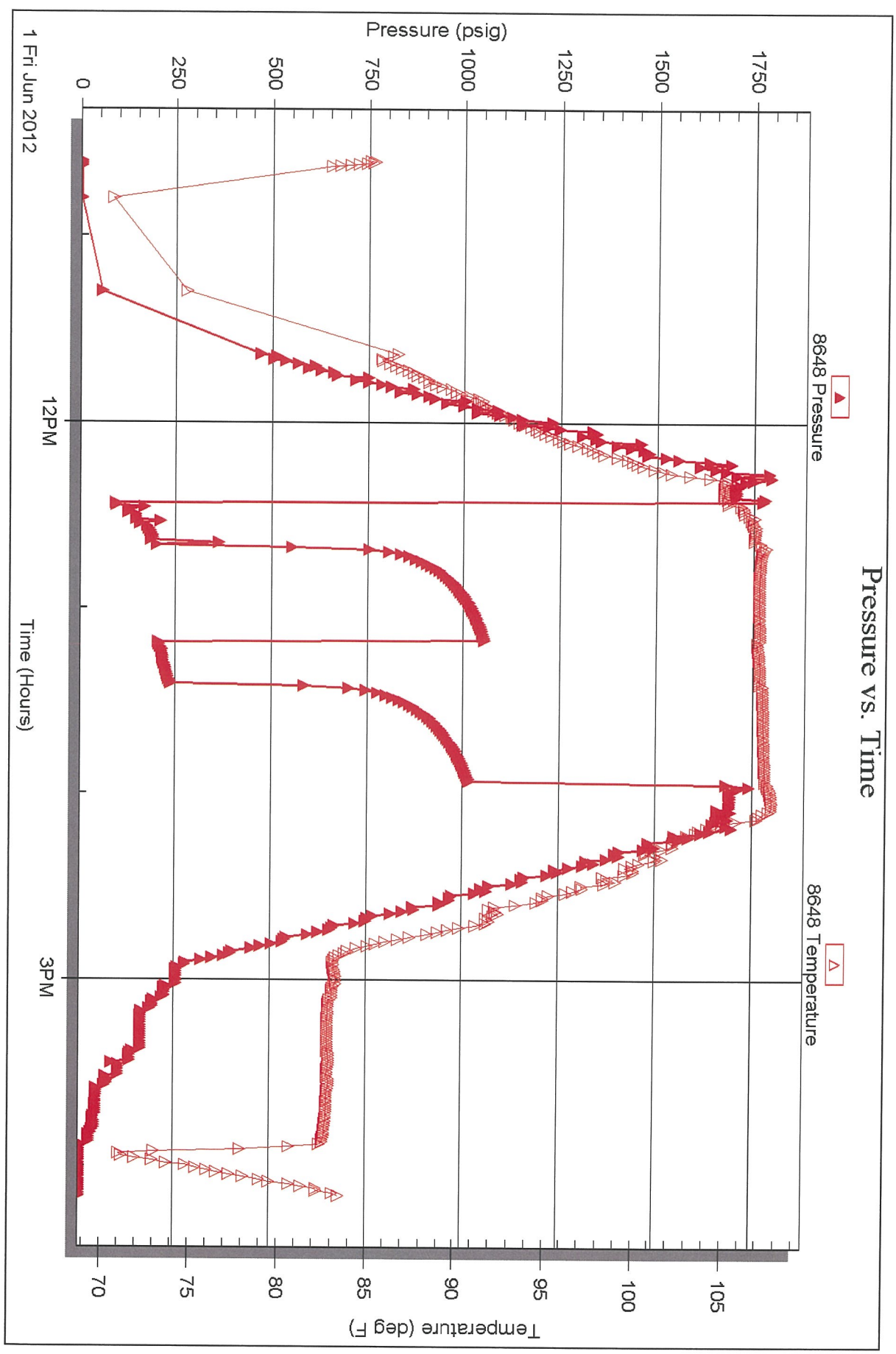
Serial #: 8648

Inside

Palorino Petroleum Inc.

Arlene #2

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 48006

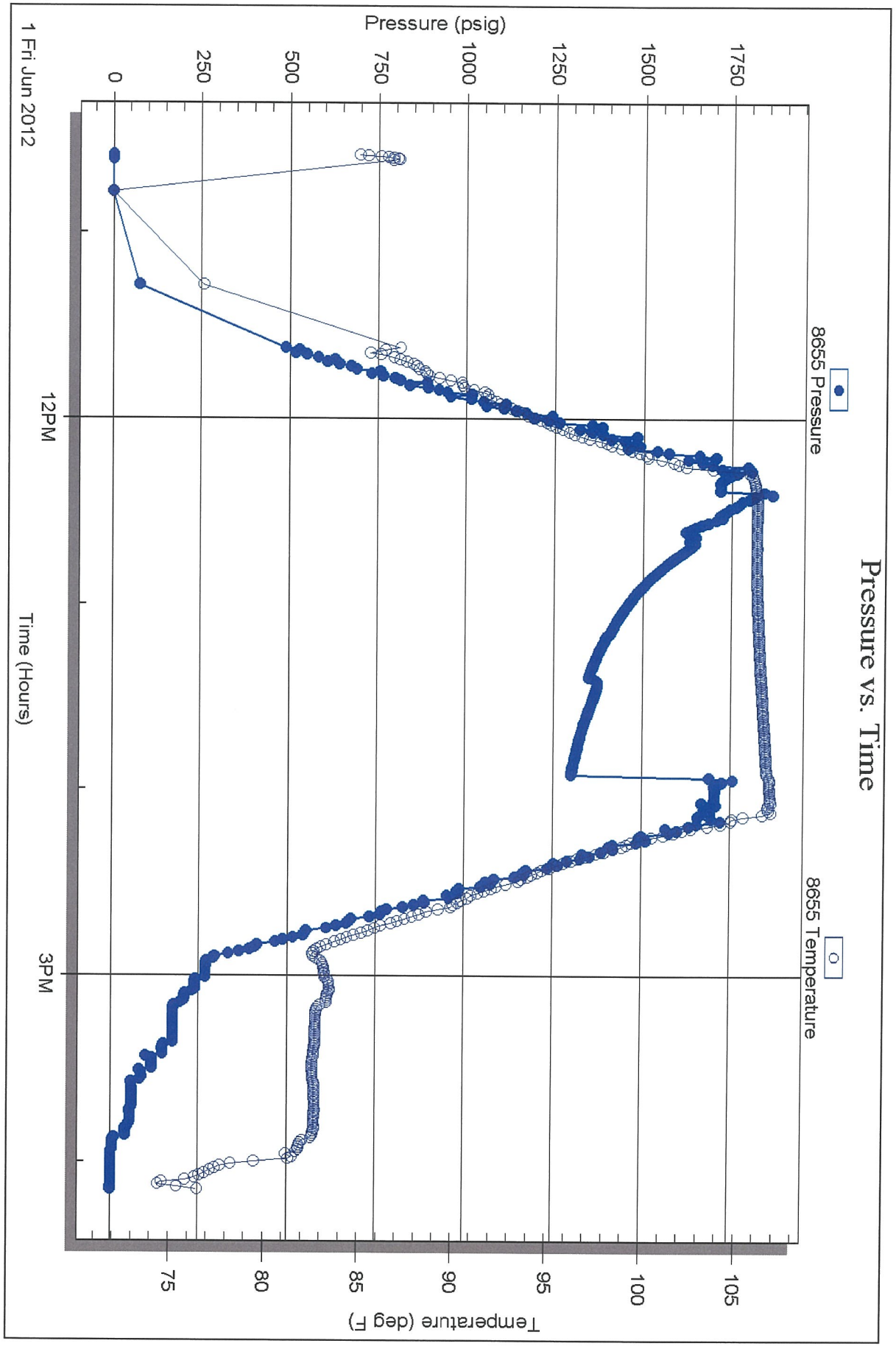
Printed: 2012.06.04 @ 15:56:38

Serial #: 8655

Below (Stratton) Petroleum Inc.

Arlene #2

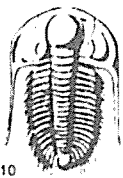
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 48006

Printed: 2012.06.04 @ 15:56:39



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47339

Well Name & No. ARIZNE #2 Test No. 1 Date 5-30-12
 Company Palomino Petroleum, Inc Elevation 2050 KB 2045 GL
 Address 4924 SE 84th St. Newton Ks 67114+8827
 Co. Rep / Geo. Ken Wallace Rig Wallace #2
 Location: Sec. 17 Twp. 9S Rge. 19W Co. Rooks State Ks

Interval Tested 3286-3328 Zone Tested LKC' B, C, D
 Anchor Length 42' Drill Pipe Run 3045' Mud Wt. 9.0
 Top Packer Depth 3281 Drill Collars Run 239.58 Vis 50
 Bottom Packer Depth 3286 Wt. Pipe Run 0 WL 6.8
 Total Depth 3328 Chlorides 1700 ppm System LCM 1

Blow Description IF: Blow died in 5 min. Flush tool, surge, no blow
ISI: NO RETURN
FF: NO BLOW
FST: NO RETURN

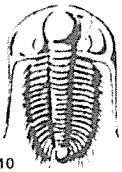
Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>Feet of mud w/oil spk. in tool</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 65 BHT 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1581 Test ← 1150 T-On Location 07:10
 (B) First Initial Flow 39 Jars _____ T-Started 07:49
 (C) First Final Flow 42 Safety Joint _____ T-Open 09:37
 (D) Initial Shut-In 819 Circ Sub _____ T-Pulled 11:07
 (E) Second Initial Flow 43 Hourly Standby _____ T-Out 12:35
 (F) Second Final Flow 45 Mileage 76.2 ← 117.80 Comments Tool slid 5 ft.
 (G) Final Shut-In 744 Sampler _____
 (H) Final Hydrostatic 1562 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1267.80
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1267.80

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47340

Well Name & No. NR/ENZ #2 Test No. 2 Date 5-30-12
 Company Palomino Petroleum Inc. Elevation 2050 KB 2045 GL
 Address 4924 SE 84th St Newton KS 67114 + 8027
 Co. Rep / Geo. Ken Wallace Rig Mallard #2
 Location: Sec. 17 Twp. 9S Rge. 19W Co. Rooks State Ks

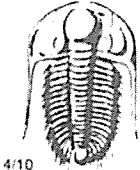
Interval Tested 3376-3422 Zone Tested LKC "H-I"
 Anchor Length 46' Drill Pipe Run 3136 Mud Wt. 9.0
 Top Packer Depth 3371 Drill Collars Run 239.58 Vis 50
 Bottom Packer Depth 3376 Wt. Pipe Run 0 WL 6.8
 Total Depth 3422 Chlorides 1700 ppm System LCM 1

Blow Description IF: 3' blow build to 2"
ISI: NO Return
FF: 1 1/2" blow
FSI: NO Return

Rec	Feet of	%gas	TR	%oil	%water	%mud
<u>275'</u>	<u>OSMW</u>				<u>85%</u>	<u>15%</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 275' BHT 105° Gravity API RW .31 @ 52° F Chlorides 31000 ppm
 (A) Initial Hydrostatic 1654 Test ← 1150 T-On Location 23:36
 (B) First Initial Flow 17 Jars T-Started 23:56
 (C) First Final Flow 96 Safety Joint T-Open 01:53
 (D) Initial Shut-In 877 Circ Sub T-Pulled 03:55
 (E) Second Initial Flow 100 Hourly Standby T-Out 05:45
 (F) Second Final Flow 141 Mileage 76 RT 117.80 Comments _____
 (G) Final Shut-In 854 Sampler _____
 (H) Final Hydrostatic 1638 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1267.80
 Sub Total 1267.80
 Total 1267.80
 MP/DST Disc't _____

Approved By _____ Our Representative _____
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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 47341

Well Name & No. ARLENE #2 Test No. 3 Date 5-31-12
 Company Palomino Petroleum Inc Elevation 2050 KB 2045 GL
 Address 4924 SE 84th st Newton Ks. 67114+8827
 Co. Rep / Geo. Ken Wallals Rig _____
 Location: Sec. 17 Twp. 9S Rge. 19w Co. Rook State Ks

Interval Tested 3428-3464 Zone Tested LKC "J, K"
 Anchor Length 36' Drill Pipe Run 3171 Mud Wt. 9.2
 Top Packer Depth 3423 Drill Collars Run 239.58 Vis 50
 Bottom Packer Depth 3428 Wt. Pipe Run 0 WL 7.2
 Total Depth 3464 Chlorides 2200 ppm System LCM 1
 Blow Description IF: NO blow, Flush, surge, NO blow
ISI: NO Return
FF: NO blow
FSL: NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>HOCm</u>		<u>20</u>		<u>80</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10' BHT 990 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1693 Test 1150 T-On Location 12:48
 (B) First Initial Flow 12 Jars T-Started 13:05
 (C) First Final Flow 19 Safety Joint T-Open 14:35
 (D) Initial Shut-In 388 Circ Sub T-Pulled 15:35
 (E) Second Initial Flow 20 Hourly Standby T-Out 17:13
 (F) Second Final Flow 24 Mileage 76RT 117.80 Comments _____
 (G) Final Shut-In 205 Sampler _____
 (H) Final Hydrostatic 1657 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 15 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Shut-In 15 Sub Total 0
 Final Flow 15 Total 1267.80
 Final Shut-In 15 MP/DST Disc't _____
 Sub Total 1267.80

Approved By _____ Our Representative [Signature]

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Well Name & No. Arkene #2 Test No. 4 Date 6-1-12
 Company Palomino Petroleum, Inc Elevation 2050 KB 2045 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Ken Wallace Rig Mallard #2
 Location: Sec. 17 Twp. 9s Rge. 19w Co. Rooks State KS

Interval Tested 3461-3542 Zone Tested Arbuckle
 Anchor Length 81' Drill Pipe Run 3231 Mud Wt. 9.4
 Top Packer Depth ~~3457~~ 3457 Drill Collars Run 240 Vis 47
 Bottom Packer Depth ~~3461-3542~~ 3461-3542 ^{Straddle} Packer Wt. Pipe Run ~~3231~~ 0 WL 7.2
 Total Depth 3572 Chlorides 2100 ppm System LCM 2#

Blow Description IF- BoB in 7 min.
IS- Weak surface return started at 6 min. Died at 18 min.
FF- BoB in 7 min.
FS- Return started at 4 min. Built to 4 3/4"

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>MCO</u>	<u>90</u>		<u>10</u>	
<u>60</u>	<u>MCO</u>	<u>70</u>		<u>30</u>	
<u>120</u>	<u>MCO</u>	<u>50</u>		<u>50</u>	
<u>240</u>	<u>OCM</u>	<u>40</u>		<u>60</u>	
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 450 BHT 106 Gravity — API RW — @ — ° F Chlorides — ppm
 (A) Initial Hydrostatic 1770 Test 1150 T-On Location 9:50 AM
 (B) First Initial Flow 99 Jars _____ T-Started 10:35 AM
 (C) First Final Flow 199 Safety Joint _____ T-Open 12:25 PM
 (D) Initial Shut-In 1054 Circ Sub N/K T-Pulled 1:55 PM
 (E) Second Initial Flow 202 Hourly Standby _____ T-Out 4:10 PM
 (F) Second Final Flow 235 Mileage 220 RT 117.80 Comments 30' GFP
 (G) Final Shut-In 1014 Sampler _____
 (H) Final Hydrostatic 1766 Straddle 600
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1867.80
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
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