



KANSAS CORPORATION COMMISSION 1082128  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30742  
Name: Palomino Petroleum, Inc.  
Address 1: 4924 SE 84TH ST  
Address 2: \_\_\_\_\_  
City: NEWTON State: KS Zip: 67114 + 8827  
Contact Person: Klee R. Watchous  
Phone: ( 316 ) 799-1000  
CONTRACTOR: License # 5123  
Name: Pickrell Drilling Company, Inc.  
Wellsite Geologist: Patrick Balthazor  
Purchaser: None

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     WSW     SWD     SIOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
02/27/2012    03/10/2012    03/10/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-101-22355-00-00  
Spot Description: \_\_\_\_\_  
NE SW SE NE Sec. 26 Twp. 17 S. R. 27  East  West  
2037 Feet from  North /  South Line of Section  
932 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Lane  
Lease Name: Atwell 'TJ' Well #: 1  
Field Name: None (Wildcat)  
Producing Formation: None  
Elevation: Ground: 2583 Kelly Bushing: 2593  
Total Depth: 4549 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 213 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan  
(Date must be collected from the Reserve Pit)  
Chloride content: 5500 ppm Fluid volume: 200 bbls  
Dewatering method used: Hauled to Disposal  
Location of fluid disposal if hauled offsite:  
Operator Name: Cheyenne Oil Service, Inc.  
Lease Name: Fink SWD License #: 7146  
Quarter NW Sec. 24 Twp. 16 S. R. 27  East  West  
County: Lane Permit #: D-21,617

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

Letter of Confidentiality Received  
Date: \_\_\_\_\_

Confidential Release Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received

UIC Distribution

ALT  I  II  III Approved by: Deanna Gorbior Date: 06/28/2012



1082128

Operator Name: Palomino Petroleum, Inc. Lease Name: Atwell 'TJ' Well #: 1  
 Sec. 26 Twp. 17 S. R. 27  East  West County: Lane

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Attached Top Attached Datum Attached
---	---

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.6250	23.0	213	Class A	150	2% gel, 3% c.c.

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Atwell 'TJ' 1
Doc ID	1082128

Tops

Anhy.	1990	(+ 603)
Base Anhy.	2020	(+ 573)
Topeka	3602	(-1009)
Heebner	3859	(-1266)
LKC	3900	(-1307)
Stark	4159	(-1566)
BKC	4236	(-1643)
Marmaton	4262	(-1669)
Ft. Scott	4421	(-1828)
Cherokee Sh.	4445	(-1852)
Miss.	4516	(-1923)
LTD	4549	(-1956)



PO Box 93999  
Southlake, TX 76092

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

# INVOICE

RECEIVED

MAR 17 2012

Invoice Number: 130440  
Invoice Date: Mar 10, 2012  
Page: 1

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

<b>Customer ID</b>	<b>Well Name# or Customer P.O.</b>	<b>Payment Terms</b>	
Palo	Atwell #1 "TJ"	Net 30 Days	
<b>Job Location</b>	<b>Camp Location</b>	<b>Service Date</b>	<b>Due Date</b>
KS1-03	Great Bend	Mar 10, 2012	4/9/12

Quantity	Item	Description	Unit Price	Amount
180.00	MAT	Class A Common	16.25	2,925.00
120.00	MAT	Pozmix	8.50	1,020.00
10.00	MAT	Gel	21.25	212.50
75.00	MAT	FloSeal	2.70	202.50
313.00	SER	Handling	2.25	704.25
30.00	SER	Mileage	34.43	1,032.90
1.00	SER	Rotary Plug	1,250.00	1,250.00
60.00	SER	Heavy Vehicle Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	EQUIP OPER	Greg Redetzke		
1.00	EQUIP OPER	Dustin Chambers		
1.00	OPER ASSIST	Kevin Weighous		
1.00	OPER ASSIST	Kerry Rose		

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

**\$2447.88**

ONLY IF PAID ON OR BEFORE  
**Apr 4, 2012**

Subtotal	8,007.15
Sales Tax	504.45
Total Invoice Amount	8,511.60
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,511.60</b>

**-2,447.88**  
**6,063.72**





PO Box 93999  
Southlake, TX 76092

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

# INVOICE

Invoice Number: 130353  
Invoice Date: Feb 28, 2012  
Page: 1

RECEIVED  
MAR 05 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	Atwell TJ #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Feb 28, 2012	3/29/12

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
158.00	SER	Handling	2.25	355.50
30.00	SER	Mileage 158 sx @.11 per sk per mi	17.38	521.40
1.00	SER	Surface	1,125.00	1,125.00
60.00	SER	Pump Truck Mileage	7.00	420.00
60.00	SER	Light Vehicle Mileage	4.00	240.00
1.00	EQUIP OPER	Dustin Chambers		
1.00	OPER ASSIST	Jonathon Plutz		
1.00	OPER ASSIST	Kevin Weighous		

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

\$ 1681.53

ONLY IF PAID ON OR BEFORE  
Mar 24, 2012

Subtotal	5,454.15
Sales Tax	175.91
Total Invoice Amount	5,630.06
Payment/Credit Applied	
<b>TOTAL</b>	<b>5,630.06</b>

# ALLIED CEMENTING CO., LLC. 042440

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

SERVICE POINT:  
Grant Bond, KS

DATE <u>2-24-12</u>	SEC. <u>26</u>	TWP. <u>17S</u>	RANGE <u>27 W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00</u>	JOB FINISH <u>4:30</u>
LEASE AT <u>Well T3</u> WELL # <u>1</u> LOCATION <u>3 West of Nass-town county line</u>						COUNTY <u>Grant</u>	STATE <u>Kansas</u>
OLD OR <u>(NEW)</u> (Circle one)				<u>5 North 3 East</u>			

CONTRACTOR Pickrell Drilling Co. INC  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 214  
 CASING SIZE 4 5/8 DEPTH 208  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15 Ft.  
 PERFS.  
 DISPLACEMENT 11,446 bbls Freshwater  
 EQUIPMENT  
 PUMP TRUCK CEMENTER Dustin G  
 # 375 HELPER Jon P  
 BULK TRUCK  
 # 341 DRIVER Kevin W.  
 BULK TRUCK  
 # DRIVER

OWNER Palomina Petroleum INC  
 CEMENT  
 AMOUNT ORDERED 150 SKS Class A  
37.00 21.90  
 COMMON 150 @ 16.25 2,437.50  
 POZMIX @  
 GEL 3 @ 21.25 63.75  
 CHLORIDE 5 @ 54.20 271.00  
 ASC @  
 HANDLING 158 @ 2.25 355.50  
 MILEAGE 158 x 30 x .11 521.70  
 TOTAL 3,669.75

**REMARKS:**

Pipe on bottom break circulation with regular  
mix 150 sks class A 37.00 & 21.90  
Displace with 11,446 bbls freshwater &  
shut in  
Cement did circulation  
plug down  
Big Down 4:30 AM

**SERVICE**

DEPTH OF JOB 214  
 PUMP TRUCK CHARGE 1125.00  
 EXTRA FOOTAGE @  
 MILEAGE Hvm 60 @ 7.00 420.00  
 MANIFOLD @  
Hvm 60 @ 4.00 240.00

TOTAL 1785.00

**PLUG & FLOAT EQUIPMENT**

@  
 @  
 @  
 @  
 @

TOTAL \_\_\_\_\_

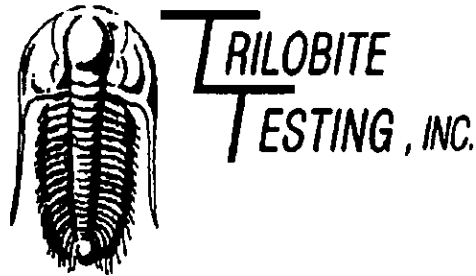
CHARGE TO: Palomina Petroleum INC  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To Allied Cementing Co., 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.

PRINTED NAME X Michael Kemp  
 SIGNATURE X Michael Kemp

SALES TAX (IF Any) \_\_\_\_\_  
 TOTAL CHARGES 5454.15  
 70% 20% 1681.52  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS  
3772.62

*Thank You!!*



## DRILL STEM TEST REPORT

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

4924 SE 84th St.  
Newton, KS 67114

ATTN: Pat Balthazor

**Atwell TJ #1**

**S26-17s-27w Lane, KS**

Start Date: 2012.03.06 @ 18:55:00

End Date: 2012.03.07 @ 01:52:50

Job Ticket #: 45086                      DST #: 1

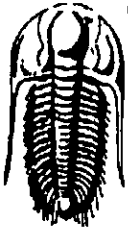
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.12 @ 15:50:35





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum, Inc.  
4924 SE 84th St.  
New ton, KS 67114  
ATTN: Pat Balthazor

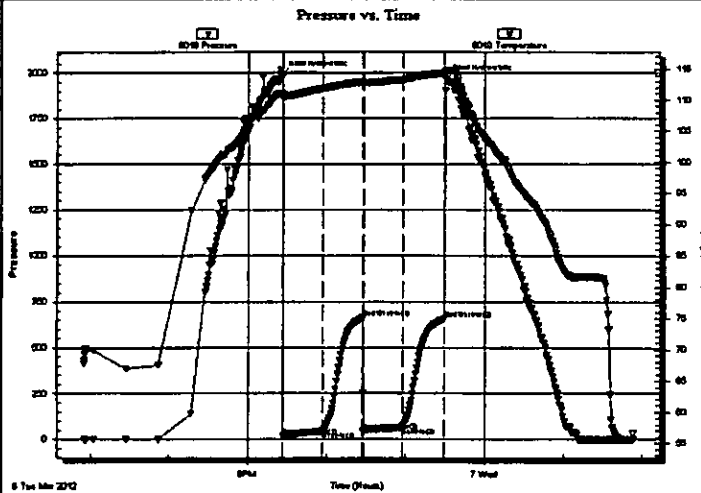
S26-17s-27w Lane, KS  
Atwell TJ #1  
Job Ticket: 45086      DST#: 1  
Test Start: 2012.03.06 @ 18:55:00

## GENERAL INFORMATION:

Formation: **LKC "I-J"**  
 Deviated: **No Whipstock:**      ft (KB)  
 Time Tool Opened: 21:27:00  
 Time Test Ended: 01:52:50  
 Interval: **4088.00 ft (KB) To 4155.00 ft (KB) (TVD)**  
 Total Depth: **4155.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**  
 Test Type: **Conventional Bottom Hole (Initial)**  
 Tester: **Chuck Smith**  
 Unit No: **37**  
 Reference Elevations: **2593.00 ft (KB)**  
**2583.00 ft (CF)**  
 KB to GR/CF: **10.00 ft**

Serial #: **8018**      Inside  
 Press@RunDepth: **65.13 psig @ 4092.00 ft (KB)**      Capacity: **8000.00 psig**  
 Start Date: **2012.03.06**      End Date: **2012.03.07**      Last Calib.: **2012.03.07**  
 Start Time: **18:55:02**      End Time: **01:52:49**      Time On Btm: **2012.03.06 @ 21:25:10**  
 Time Off Btm: **2012.03.06 @ 23:30:30**

TEST COMMENT: 5" Blow.  
 Weak surface return died @ 5 min.  
 3" Blow.  
 No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1990.92	110.99	Initial Hydro-static
2	16.15	110.25	Open To Flow (1)
33	43.16	111.86	Shut-in(1)
63	662.19	112.90	End Shut-in(1)
63	44.65	112.63	Open To Flow (2)
93	65.13	113.36	Shut-in(2)
125	656.45	114.38	End Shut-in(2)
126	1971.27	114.67	Final Hydro-static

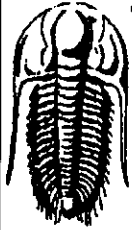
## Recovery

Length (ft)	Description	Volume (bbl)
100.00	OCM 2o 98m	0.49

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum, Inc.

S26-17s-27w Lane, KS

4924 SE 84th St.  
New ton, KS 67114

Atwell TJ #1

Job Ticket: 45086

DST#: 1

ATTN: Pat Balthazor

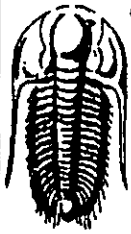
Test Start: 2012.03.06 @ 18:55:00

### Tool Information

Drill Pipe:	Length: 3943.00 ft	Diameter: 3.80 inches	Volume: 55.31 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	55.92 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.50 ft			String Weight: initial 80000.00 lb
Depth to Top Packer:	4088.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	67.00 ft			
Tool Length:	94.50 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			4061.50	
Shut In Tool	5.00			4066.50	
Hydraulic tool	5.00			4071.50	
Jars	5.00			4076.50	
Safety Joint	2.50			4079.00	
Packer	5.00			4084.00	27.50 Bottom Of Top Packer
Packer	4.00			4088.00	
Stubb	1.00			4089.00	
Perforations	3.00			4092.00	
Recorder	0.00	8018	Inside	4092.00	
Recorder	0.00	6751	Outside	4092.00	
Perforations	27.00			4119.00	
Change Over Sub	1.00			4120.00	
Drill Pipe	31.00			4151.00	
Change Over Sub	1.00			4152.00	
Bullnose	3.00			4155.00	67.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>94.50</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

**S26-17s-27w Lane, KS**

4924 SE 84th St.  
New ton, KS 67114

**Atwell TJ #1**

Job Ticket: 45086

**DST#: 1**

ATTN: Pat Balthazor

Test Start: 2012.03.06 @ 18:55:00

## 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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	OCM 2o 98m	0.492

Total Length: 100.00 ft      Total Volume: 0.492 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

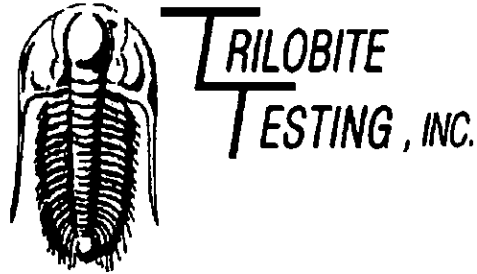
Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

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

4924 SE 84th St.  
Newton, KS 67114

ATTN: Pat Balthazor

**Atwell TJ #1**

**S26-17s-27w Lane, KS**

Start Date: 2012.03.07 @ 15:10:00

End Date: 2012.03.07 @ 21:30:39

Job Ticket #: 45087                      DST #: 2

Trilobite Testing, Inc

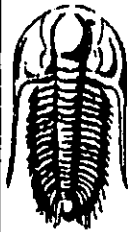
PO Box 362 Hays, KS 67601

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

Printed: 2012.03.12 @ 15:49:51







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum, Inc.

S26-17s-27w Lane, KS

4924 SE 84th St.  
New ton, KS 67114

Atwell TJ #1

Job Ticket: 45087

DST#: 2

ATTN: Pat Balthazor

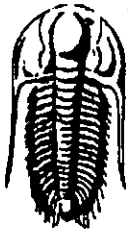
Test Start: 2012.03.07 @ 15:10:00

### Tool Information

Drill Pipe:	Length: 4037.00 ft	Diameter: 3.80 inches	Volume: 56.63 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.24 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.50 ft			String Weight: Initial 81000.00 lb
Depth to Top Packer:	4156.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	104.00 ft			
Tool Length:	131.50 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			4129.50	
Shut In Tool	5.00			4134.50	
Hydraulic tool	5.00			4139.50	
Jars	5.00			4144.50	
Safety Joint	2.50			4147.00	
Packer	5.00			4152.00	27.50 Bottom Of Top Packer
Packer	4.00			4156.00	
Stubb	1.00			4157.00	
Perforations	3.00			4160.00	
Recorder	0.00	8018	Inside	4160.00	
Recorder	0.00	6751	Outside	4160.00	
Perforations	2.00			4162.00	
Change Over Sub	1.00			4163.00	
Drill Pipe	93.00			4256.00	
Change Over Sub	1.00			4257.00	
Bullnose	3.00			4260.00	104.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>131.50</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

S26-17s-27w Lane, KS

4924 SE 84th St.  
New ton, KS 67114

Atwell TJ #1

Job Ticket: 45087

DST#: 2

ATTN: Pat Balthazor

Test Start: 2012.03.07 @ 15:10:00

### 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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4100.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OSM 100m	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

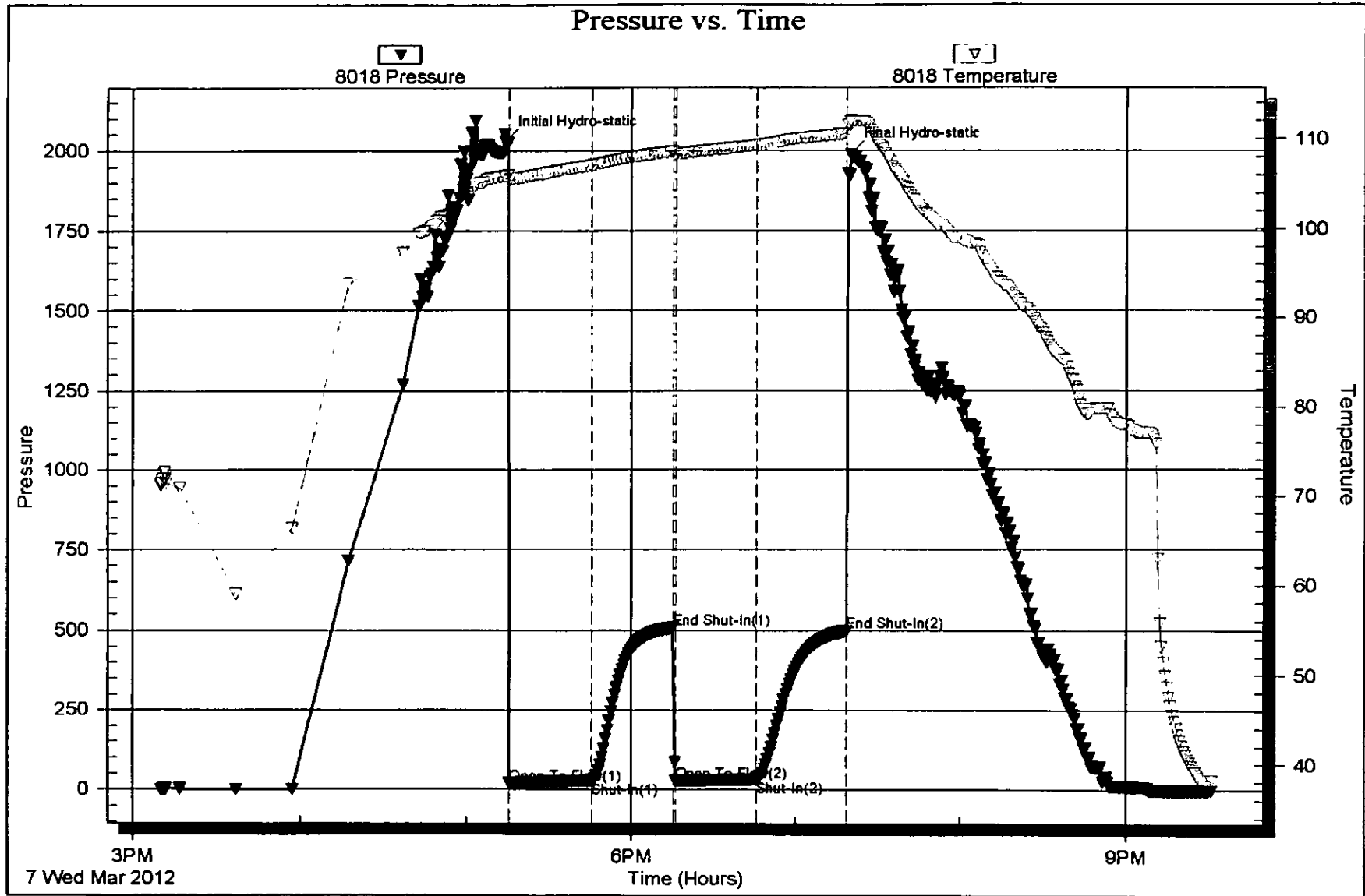
Num Gas Bombs: 0

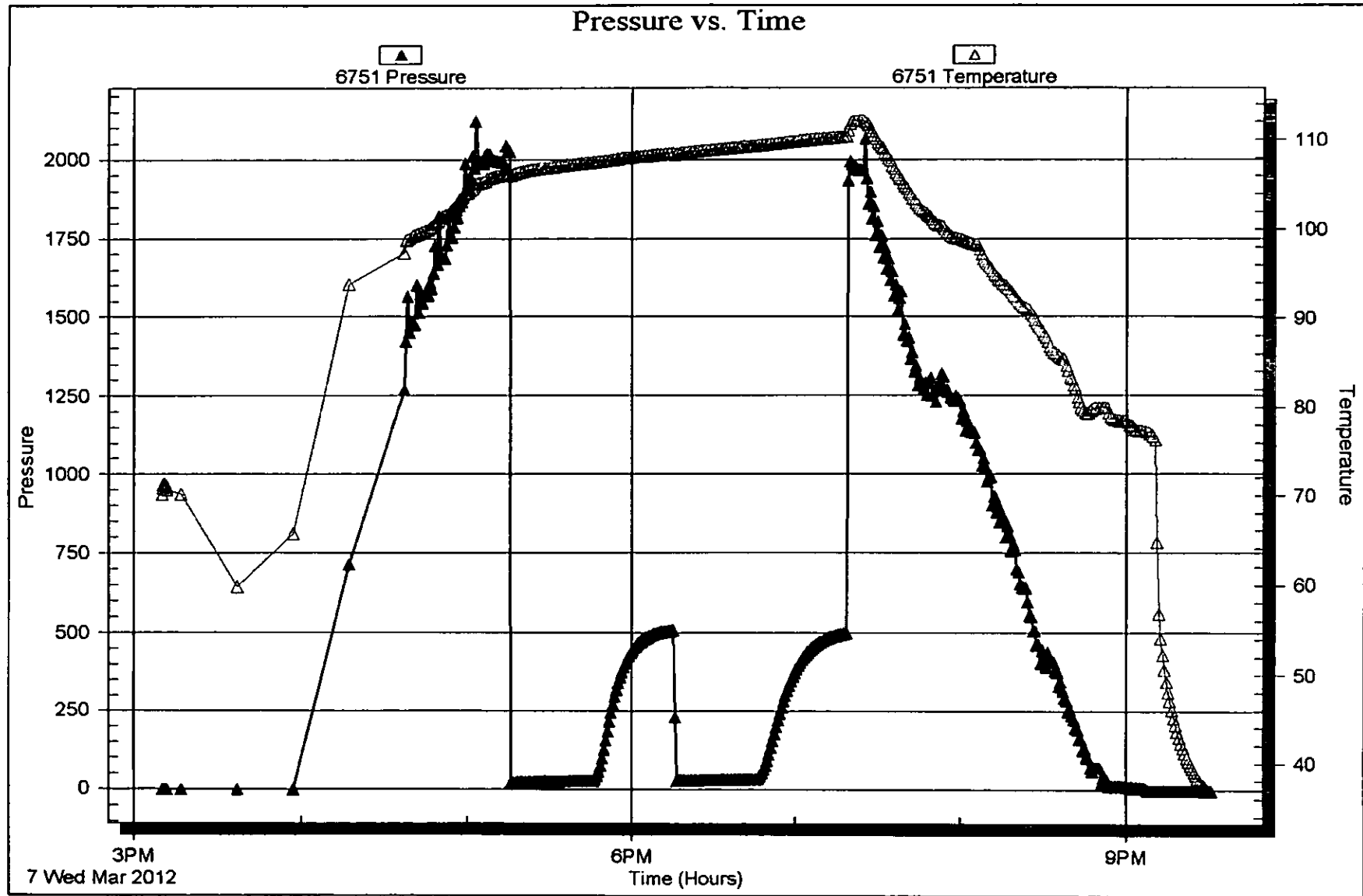
Serial #:

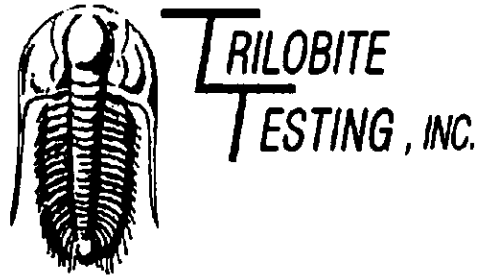
Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

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

4924 SE 84th St.  
Newton, KS 67114

ATTN: Pat Balthazor

**Atwell TJ #1**

**S26-17s-27w Lane, KS**

Start Date: 2012.03.08 @ 11:37:00

End Date: 2012.03.08 @ 17:38:20

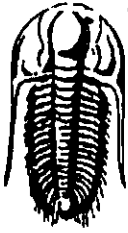
Job Ticket #: 45088                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.12 @ 15:48:50



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

Palomino Petroleum, Inc.  
4924 SE 84th St.  
New ton, KS 67114  
ATTN: Pat Balthazor

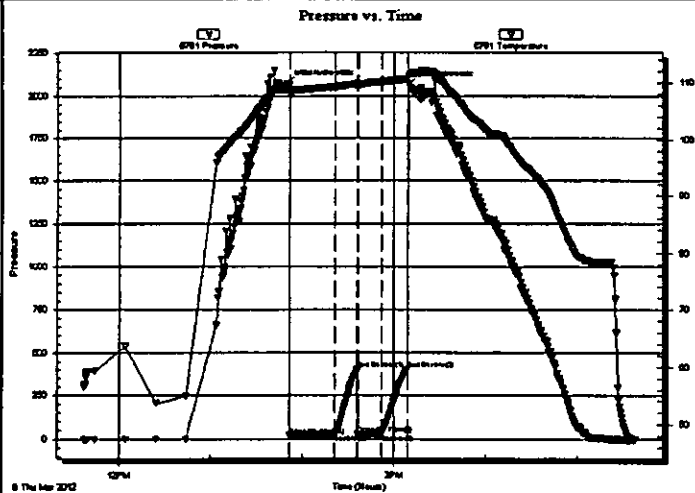
**S26-17s-27w Lane, KS**  
**Atwell TJ #1**  
Job Ticket: 45088      **DST#: 3**  
Test Start: 2012.03.08 @ 11:37:00

**GENERAL INFORMATION:**

Formation: **Marmaton**  
Deviated: **No Whipstock**      **ft (KB)**  
Time Tool Opened: **13:51:40**  
Time Test Ended: **17:38:20**  
Interval: **4194.00 ft (KB) To 4354.00 ft (KB) (TVD)**  
Total Depth: **4354.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Chuck Smith**  
Unit No: **37**  
Reference Elevations: **2593.00 ft (KB)**  
**2583.00 ft (CF)**  
KB to GR/CF: **10.00 ft**

**Serial #: 6751**      **Outside**  
Press@RunDepth: **30.92 psig @ 4199.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2012.03.08**      End Date: **2012.03.08**      Last Calib.: **2012.03.08**  
Start Time: **11:37:02**      End Time: **17:38:19**      Time On Btm: **2012.03.08 @ 13:49:40**  
Time Off Btm: **2012.03.08 @ 15:09:20**

**TEST COMMENT:** 3/4" Blow.  
No return.  
No blow.  
No return.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2071.27	108.75	Initial Hydro-static
2	20.57	107.78	Open To Flow (1)
31	27.53	109.35	Shut-In(1)
46	400.89	109.81	End Shut-In(1)
47	28.28	109.60	Open To Flow (2)
62	30.92	110.24	Shut-In(2)
79	403.48	110.73	End Shut-In(2)
80	2067.55	111.22	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
30.00	M 100m	0.15

\* 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.

S26-17s-27w Lane, KS

4924 SE 84th St.  
New ton, KS 67114

Atwell TJ #1

Job Ticket: 45088

DST#: 3

ATTN: Pat Balthazor

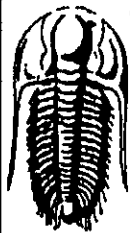
Test Start: 2012.03.08 @ 11:37:00

### Tool Information

Drill Pipe:	Length: 4071.00 ft	Diameter: 3.80 inches	Volume: 57.11 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 57.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.50 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	4194.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	160.00 ft			
Tool Length:	187.50 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			4167.50	
Shut In Tool	5.00			4172.50	
Hydraulic tool	5.00			4177.50	
Jars	5.00			4182.50	
Safety Joint	2.50			4185.00	
Packer	5.00			4190.00	27.50 Bottom Of Top Packer
Packer	4.00			4194.00	
Stubb	1.00			4195.00	
Perforations	4.00			4199.00	
Recorder	0.00	8018	Inside	4199.00	
Recorder	0.00	6751	Outside	4199.00	
Perforations	25.00			4224.00	
Change Over Sub	1.00			4225.00	
Drill Pipe	125.00			4350.00	
Change Over Sub	1.00			4351.00	
Bullnose	3.00			4354.00	160.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>187.50</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

S26-17s-27w Lane, KS

4924 SE 84th St.  
New ton, KS 67114

Atwell TJ #1

Job Ticket: 45088

DST#: 3

ATTN: Pat Balthazor

Test Start: 2012.03.08 @ 11:37:00

### 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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4100.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M 100m	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

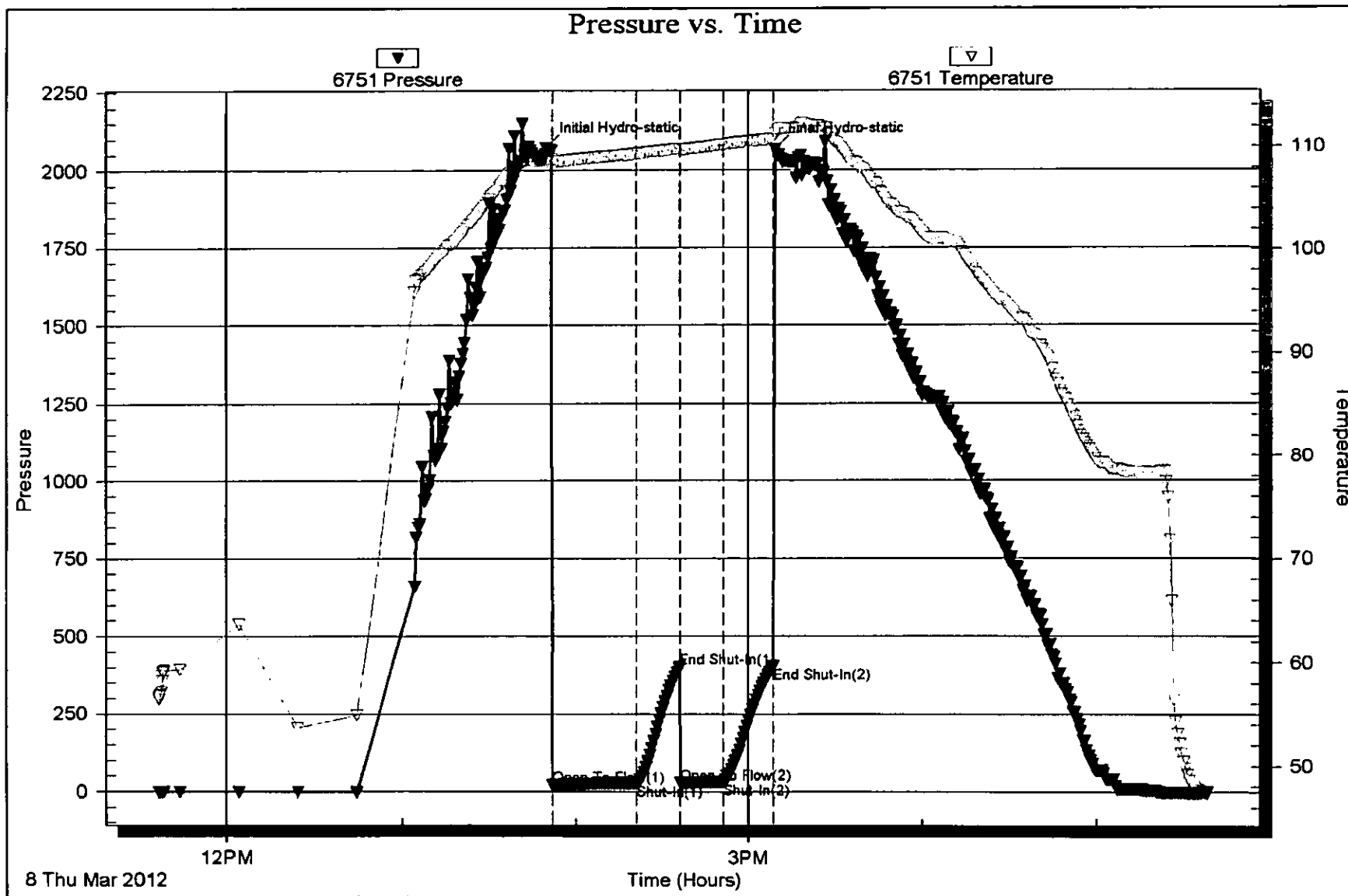
Serial #:

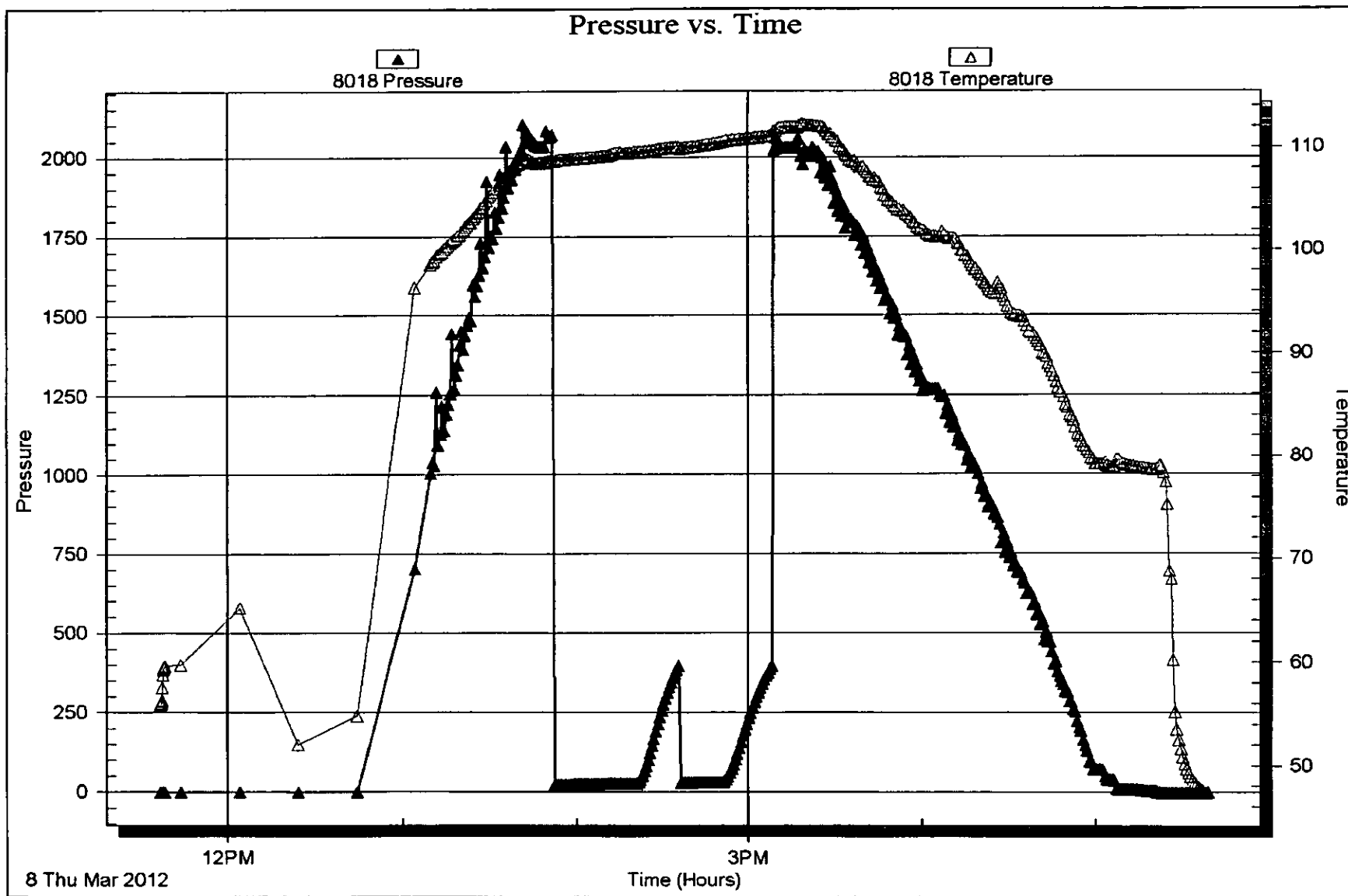
Laboratory Name:

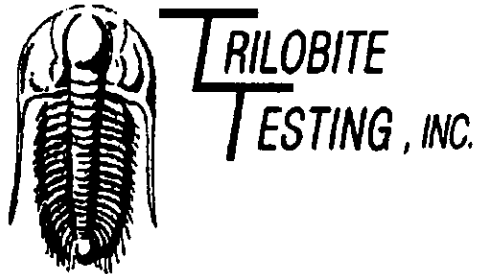
Laboratory Location:

Recovery Comments:









## DRILL STEM TEST REPORT

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

4924 SE 84th St.  
Newton, KS 67114

ATTN: Pat Balthazor

**Atwell TJ #1**

**S26-17s-27w Lane, KS**

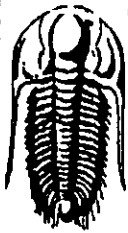
Start Date: 2012.03.10 @ 01:14:00

End Date: 2012.03.10 @ 09:19:09

Job Ticket #: 45089                      DST #: 4

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

Printed: 2012.03.12 @ 15:47:57



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum, Inc.

4924 SE 84th St.  
New ton, KS 67114

ATTN: Pat Balthazor

S26-17s-27w Lane, KS

Atwell TJ #1

Job Ticket: 45089

DST#: 4

Test Start: 2012.03.10 @ 01:14:00

## GENERAL INFORMATION:

Formation: **LKC 'A'**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 04:33:20

Time Test Ended: 09:19:09

Test Type: Conventional Straddle (Reset)

Tester: Chuck Smith

Unit No: 37

Interval: **3890.00 ft (KB) To 3924.00 ft (KB) (TVD)**

Total Depth: 4545.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2593.00 ft (KB)

2583.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8018

Inside

Press@RunDepth: 38.50 psig @ 3904.00 ft (KB)

Start Date: 2012.03.10

End Date:

2012.03.10

Start Time: 01:14:02

End Time:

09:19:10

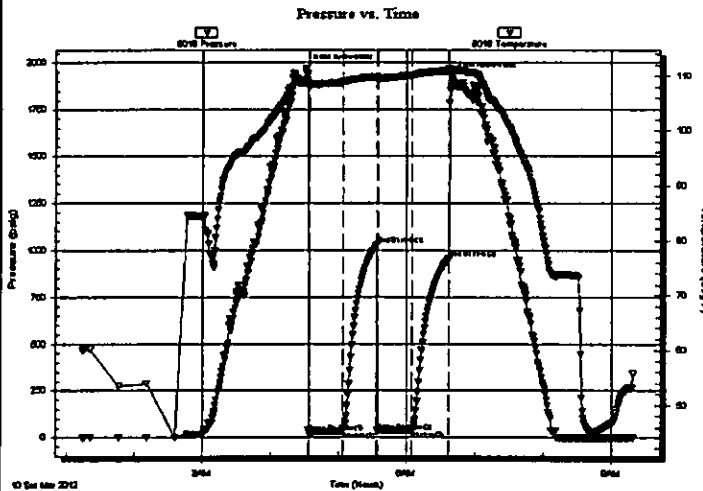
Capacity: 8000.00 psig

Last Calib.: 2012.03.10

Time On Btrr: 2012.03.10 @ 04:30:30

Time Off Btrr: 2012.03.10 @ 06:39:00

TEST COMMENT: 1 3/4" Blow.  
No return.  
Surface blow.  
No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1972.63	109.11	Initial Hydro-static
3	27.27	108.54	Open To Flow (1)
34	33.77	108.91	Shut-In(1)
64	1030.53	109.84	End Shut-In(1)
64	35.03	109.24	Open To Flow (2)
94	38.50	110.16	Shut-In(2)
127	959.62	111.06	End Shut-In(2)
129	1932.75	111.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	M 100 m Oil spots in tool.	0.10

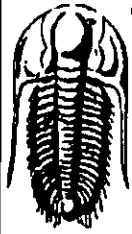
\* Recovery from multiple tests

## Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mc/d)







**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Palomino Petroleum, Inc.

S26-17s-27w Lane, KS

4924 SE 84th St.  
New ton, KS 67114

Atwell TJ #1

Job Ticket: 45089

DST#: 4

ATTN: Pat Balthazor

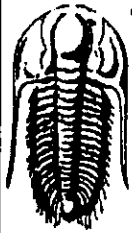
Test Start: 2012.03.10 @ 01:14:00

**Tool Information**

Drill Pipe:	Length: 3754.00 ft	Diameter: 3.80 inches	Volume: 52.66 bbl	Tool Weight: 5500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 32000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 95000.00 lb
			Total Volume: 53.27 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.50 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	3890.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	3924.00 ft			
Interval between Packers:	34.00 ft			
Tool Length:	682.50 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			3863.50	
Shut In Tool	5.00			3868.50	
Hydraulic tool	5.00			3873.50	
Jars	5.00			3878.50	
Safety Joint	2.50			3881.00	
Packer	5.00			3886.00	27.50 Bottom Of Top Packer
Packer	4.00			3890.00	
Stubb	1.00			3891.00	
Perforations	13.00			3904.00	
Recorder	0.00	8018	Inside	3904.00	
Recorder	0.00	6751	Outside	3904.00	
Perforations	16.00			3920.00	
Blank Off Sub	1.00			3921.00	
top of s pack	3.00			3924.00	34.00 Tool Interval
Packer	0.00			3924.00	
Stubb	1.00			3925.00	
Perforations	16.00			3941.00	
Change Over Sub	1.00			3942.00	
Drill Pipe	599.00			4541.00	
Change Over Sub	1.00			4542.00	
Recorder	0.00	8357	Below	4542.00	
Bullnose	3.00			4545.00	621.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>682.50</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc.

**S26-17s-27w Lane, KS**

4924 SE 84th St.  
New ton, KS 67114

**Atwell TJ #1**

Job Ticket: 45089

**DST#: 4**

ATTN: Pat Balthazor

Test Start: 2012.03.10 @ 01:14:00

### 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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	M 100 m Oil spots in tool.	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

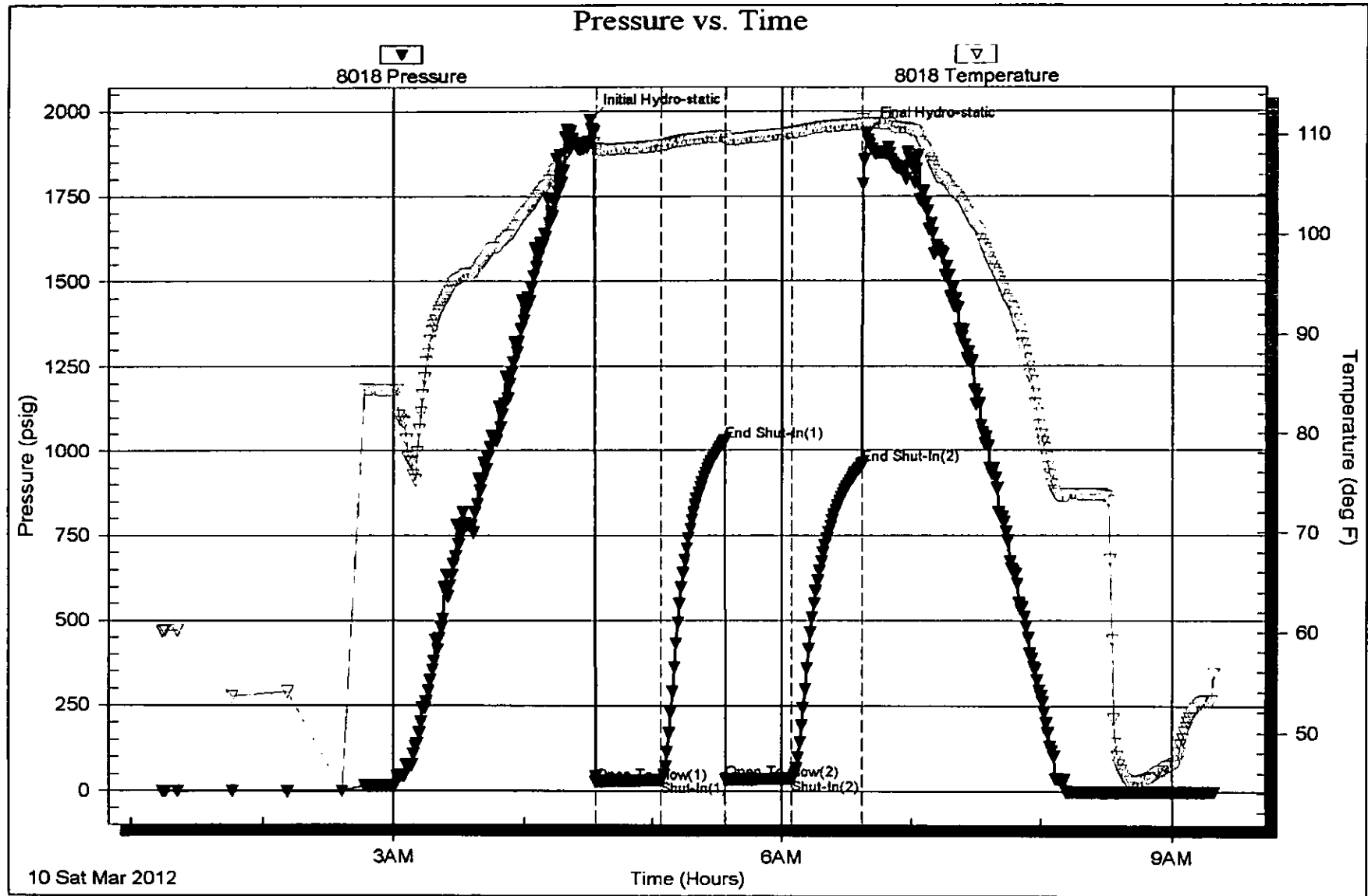
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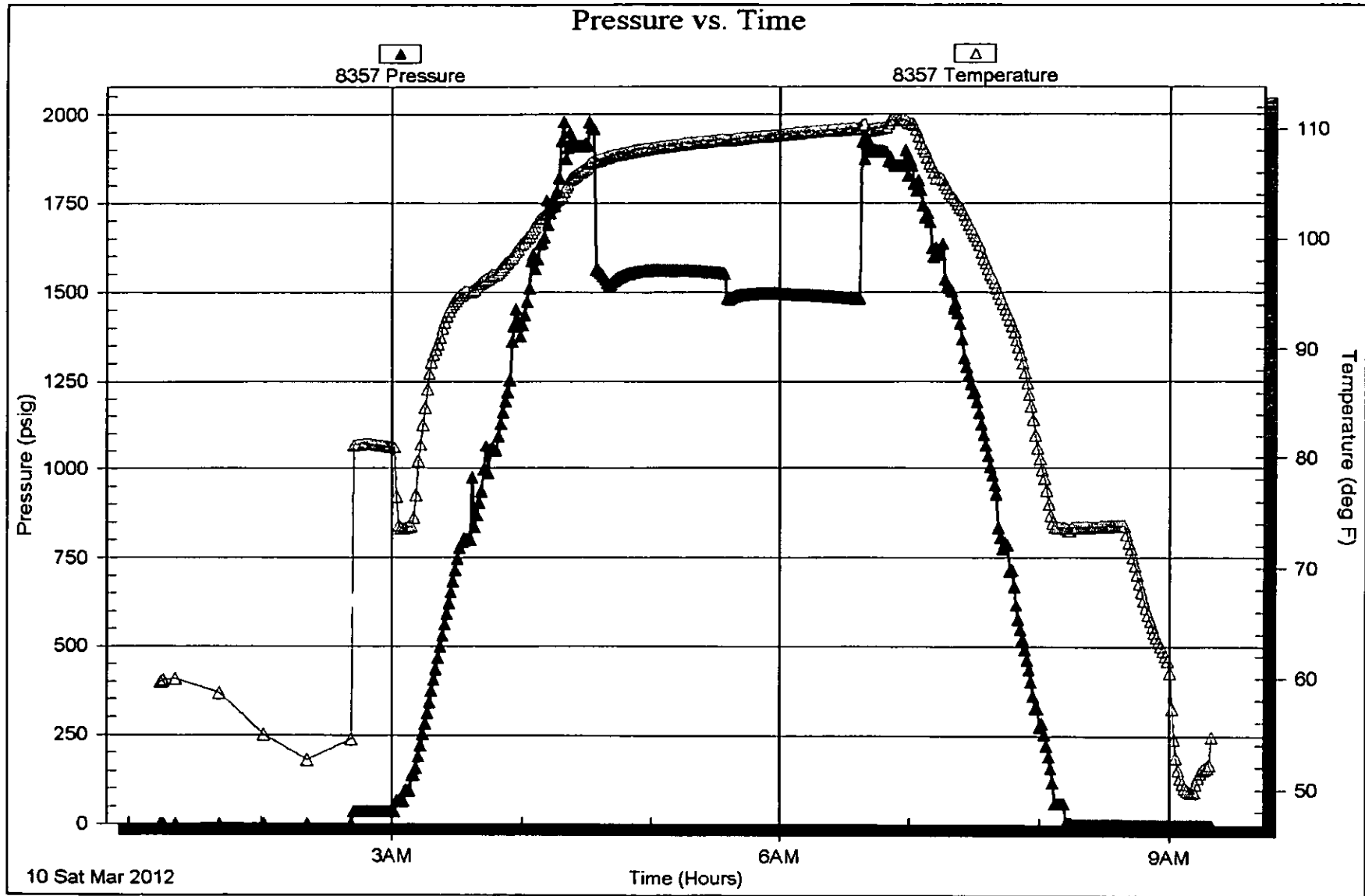
Laboratory Name:

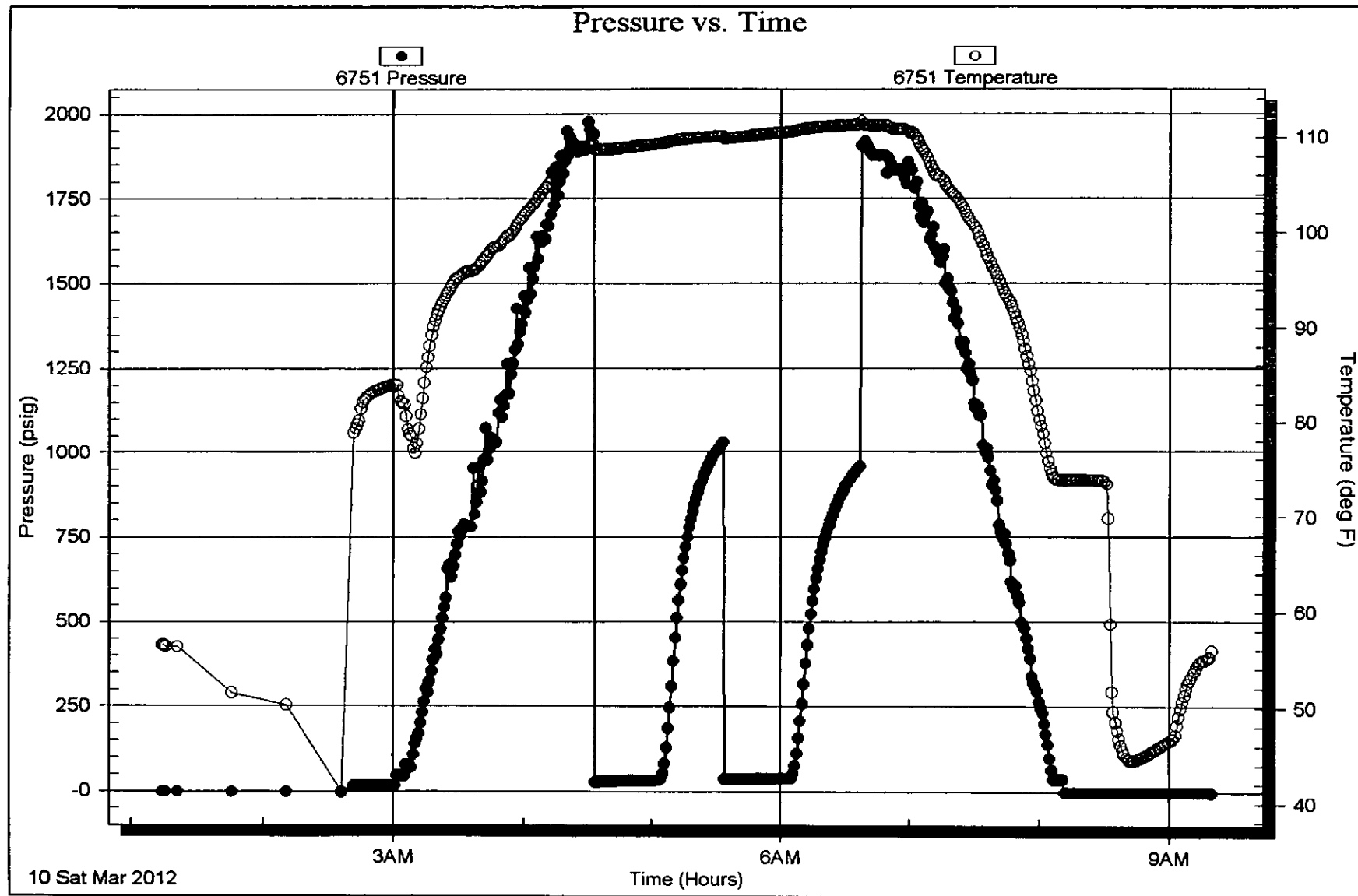
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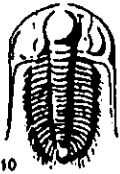
Recovery Comments:











# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 10 2012

## Test Ticket

NO. 45086

Well Name & No. Arnwell TJ #1 BY: \_\_\_\_\_ TEST No. 1 Date 3-6-12  
 Company Palomian Petroleum, Inc. Elevation 2593 KB 2583 GL \_\_\_\_\_  
 Address 4924 SE 84th St. Newton, KS 67114  
 Co. Rep / Geo. Pat Balzulaer Rig Pickrell #1  
 Location: Sec. 26 Twp. 17s Rge. 27w Co. Lane State KS

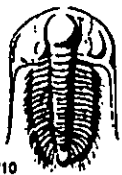
Interval Tested 4088 - 4155 Zone Tested LKC  
 Anchor Length 67 Drill Pipe Run 3943 Mud Wt. 9.0  
 Top Packer Depth 4084 Drill Collars Run 124 Vis 50  
 Bottom Packer Depth 4088 Wt. Pipe Run 0 WL 76  
 Total Depth 4155 Chlorides 2800 ppm System LCM 1  
 Blow Description 5" Blow  
Weak surface return died @ 5min.  
3" Blow.  
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>100</u>	Feet of <u>OCM</u>	%gas	<u>2</u> %oil	%water	<u>98</u> %mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 100 BHT 114 Gravity - API RW - @ \_\_\_\_\_ °F Chlorides - ppm

(A) Initial Hydrostatic <u>1991</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>18:00</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>18:55</u>
(C) First Final Flow <u>43</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>21:27</u>
(D) Initial Shut-In <u>662</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>23:29</u>
(E) Second Initial Flow <u>45</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1:53</u>
(F) Second Final Flow <u>65</u>	<input checked="" type="checkbox"/> Mileage <u>86 RT 120.40</u>	Comments _____
(G) Final Shut-In <u>656</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1971</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>11670.40</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>11670.40</u>	

Approved By Fred Smith Our Representative Chuck Smith  
 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 services. The statements or reports 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.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 10 2012

## Test Ticket

NO. 45087

BY: \_\_\_\_\_

Well Name & No. Arnell T J #1 Test No. 2 Date 3-7-12  
 Company Palomino Petroleum, Inc. Elevation 2593 KB 2583 GL  
 Address 4924 SE 84th St. Newton, KS 67114  
 Co. Rep / Geo. Pat Balzalaer Rig Pickrell #1A  
 Location: Sec. 26 Twp. 17s Rge. 27w Co. Lane State KS

Interval Tested 4156 - 4260 Zone Tested LKC "K-L-Pleasanton"  
 Anchor Length 104 Drill Pipe Run 4037 Mud Wt. 9.3  
 Top Packer Depth 4152 Drill Collars Run 124 Vis 48  
 Bottom Packer Depth 4156 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4260 Chlorides 4100 ppm System LCM 1  
 Blow Description 3/4" Blow.  
No return.  
No blow.  
No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>30</u>	Feet of <u>OSM</u>	%gas	%oil	%water	<u>100</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

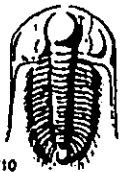
Rec Total 30 BHT 111 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2028</u>	<input checked="" type="checkbox"/> Test <u>1225'</u>	T-On Location <u>14:30</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250'</u>	T-Started <u>15:10</u>
(C) First Final Flow <u>26</u>	<input checked="" type="checkbox"/> Safety Joint <u>75'</u>	T-Open <u>17:26</u>
(D) Initial Shut-In <u>508</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>19:19</u>
(E) Second Initial Flow <u>27</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:31</u>
(F) Second Final Flow <u>32</u>	<input checked="" type="checkbox"/> Mileage <u>84RT 120.40</u>	Comments _____
(G) Final Shut-In <u>498</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1989</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>(S)</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>116:11</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc'l _____

Sub Total 116:10.40

Approved By [Signature] Our Representative Chuck Smith

TriLOBite Testing Inc. shall not be liable for damaged or any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 10 2012  
BY: \_\_\_\_\_

## Test Ticket

NO. 45088

Well Name & No. Arwell TJS<sup>#1</sup> Test No. 3 Date 3-8-12  
 Company Palomino Petroleum, Inc. Elevation 2593 KB 2583 GL  
 Address 4924 SE 84<sup>th</sup> St. Newton, KS 67114  
 Co. Rep / Geo. Pat Balzalaer Rig Pickrell<sup>#1</sup>  
 Location: Sec. 26 Twp. 17s Rge. 27w Co. Lane State KS

Interval Tested 4194-4354 Zone Tested Marmaton  
 Anchor Length 160 Drill Pipe Run 4071 Mud Wt. 9.1  
 Top Packer Depth 4190 Drill Collars Run 124 Vis 51  
 Bottom Packer Depth 4194 Wt. Pipe Run 0 WL 7.2  
 Total Depth 4354 Chlorides 4100 ppm System LCM Trace  
 Blow Description 3/4" Blow.

No return.  
No blow.  
No return.

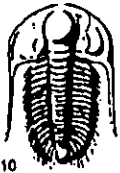
Rec	Feet of	%gas	%oil	%water	%mud
30	M			100	

Rec Total 30 BHT 111 Gravity - API RW @ °F Chlorides - ppm

(A) Initial Hydrostatic 2071  Test 1225' T-On Location 11:30  
 (B) First Initial Flow 21  Jars 250 T-Started 11:37  
 (C) First Final Flow 28  Safety Joint 75 T-Open 13:52  
 (D) Initial Shut-In 401  Circ Sub N/C T-Pulled 15:09  
 (E) Second Initial Flow 28  Hourly Standby \_\_\_\_\_ T-Out 17:38  
 (F) Second Final Flow 31  Mileage 84RT 12040 Comments \_\_\_\_\_  
 (G) Final Shut-In 403  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2068  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 15  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 15  Day Standby \_\_\_\_\_ Total 11670.40  
 Final Shut-In 15  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 11670.40

Approved By Pat Balzalaer Our Representative Chuck Smith  
 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



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAR 12 2012

## Test Ticket

NO. 45089

BY: \_\_\_\_\_

Well Name & No. Arnwell T.J #1 Test No. 4 Date 3-9-12

Company Palomino Petroleum, Inc. Elevation 2593 KB 2583 GL

Address 4924 SE 84th St. Newton, KS 67114

Co. Rep / Geo. Pat Balthazor Rig Pickrell #1

Location: Sec. 26 Twp. 17s Rge. 27w Co. Lane State Ks

Interval Tested 3890-3924 Zone Tested LKC 'A'

Anchor Length 34 Drill Pipe Run 3754 Mud Wt. 9.4

Top Packer Depth 3896 Drill Collars Run 124 Vis 50

Bottom Packer Depth 3924 Wt. Pipe Run 0 WL 8.0

Total Depth 4545 Chlorides 5500 ppm System LCM Trace

Blow Description 1 3/4" Blow

No return.

Surface blow.

No return.

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>20</u>	Feet of <u>M Oil spots in tool.</u>				<u>100</u>
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 20 BHT 111 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1973  Test 1225' T-On Location 28:00

(B) First Initial Flow 27  Jars 250' T-Started 1:14

(C) First Final Flow 34  Safety Joint 75' T-Open 4:33

(D) Initial Shut-In 1031  Circ Sub NIC T-Pulled 6:37

(E) Second Initial Flow 35  Hourly Standby \_\_\_\_\_ T-Out 9:19

(F) Second Final Flow 39  Mileage 8600 120.40 Comments \_\_\_\_\_

(G) Final Shut-In 960  Sampler \_\_\_\_\_

(H) Final Hydrostatic 19.33  Straddle 600'  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 141.70

Final Shut-In 30  Day Standby 4 1/2 hrs. Holiday Total 2412.10

Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Sub Total 2270.40

Approved By [Signature] Our Representative Chuck Smith

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