



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1167340
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

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

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1167340

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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

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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	LK-MK 1
Doc ID	1167340

Tops

Name	Top	Datum
Anhy.	1410	(+ 733)
Base Anhy.	1444	(+ 699)
Heebner	3615	(-1472)
LKC	3661	(-1518)
BKC	3953	(-1810)
Pawnee	4076	(-1933)
Ft. Scott	4153	(-2010)
Cherokee Sh.	4173	(-2030)
Miss.	4240	(-2097)
Miss. Por.	4252	(-2109)
LTD	4350	(-2207)



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 138604
Invoice Date: Sep 12, 2013
Page: 1

RECEIVED

SEP 23 2013

Now Includes:



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

Customer ID	Field Ticket #	Payment Terms	
Palo	61860	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Sep 12, 2013	10/12/13

Quantity	Item	Description	Unit Price	Amount
		LK-MK #1		
108.00	CEMENT MATERIALS	Class A Common	17.90	1,933.20
72.00	CEMENT MATERIALS	Pozmix	9.35	673.20
6.00	CEMENT MATERIALS	Gel	23.40	140.40
45.00	CEMENT MATERIALS	Flo Seal	2.97	133.65
193.00	CEMENT SERVICE	Cubic Feet	2.48	478.64
80.60	CEMENT SERVICE	Ton Mileage	2.60	209.56
1.00	CEMENT SERVICE	Rotary Plug	2,249.84	2,249.84
10.00	CEMENT SERVICE	Pump Truck Mileage	7.70	77.00
10.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	44.00
1.00	EQUIPMENT OPERATOR	Charles Kinyon		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	OPERATOR ASSISTANT	Shawn Kearns		

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

\$ 1,187.89

ONLY IF PAID ON OR BEFORE
Oct 7, 2013

Subtotal	5,939.49
Sales Tax	365.28
Total Invoice Amount	6,304.77
Payment/Credit Applied	
TOTAL	6,304.77

ALLIED OIL & GAS SERVICES, LLC 061860

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
GREAT BEND

DATE <u>9-12-13</u>	SEC. <u>2</u>	TWP. <u>19</u>	RANGE <u>22W</u>	CALLED OUT <u>3:00AM</u>	ON LOCATION <u>8:30AM</u>	JOB START <u>11:30AM</u>	JOB FINISH <u>12:30PM</u>
LEASE <u>LK-MK</u>		WELL# <u>1</u>		LOCATION <u>2W OF Dazine 1 1/2 S</u>		COUNTY <u>Mess</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				EINTO			

CONTRACTOR PICKRELL # 10
 TYPE OF JOB Rotary Plug
 HOLE SIZE 7 7/8 T.D. 4350
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 16.6 DEPTH 1460
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Palomino
 CEMENT
 AMOUNT ORDERED 180 SKS 60/40
41.5el 1/2 F10
 COMMON 10% @ 17.90 1,933.20
 POZMIX 72 @ 9.35 673.20
 GEL 6 @ 23.40 140.40
 CHLORIDE _____ @ _____
 ASC _____ @ _____
Flodexal 45 @ 2.97 133.65
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 193 @ 2.48 478.64
 MILEAGE 8.06 x 10 x 2.60 209.26
 TOTAL 3,568.65

EQUIPMENT

PUMP TRUCK CEMENTER CHARLES KINNON
 # 597 HELPER Kevin eddy
 BULK TRUCK
 # 544-198 DRIVER Shawn Kearns
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
1st plug at 1460 mix 50 SKS
2nd plug at 630 mix 40 SKS
3rd plug at 60 mix 20 SKS
RH mix 30 SKS

SERVICE

DEPTH OF JOB 1460
 PUMP TRUCK CHARGE 2249.84
 EXTRA FOOTAGE _____ @ _____
 MILEAGE HUM 10 @ 7.70 77.00
 MANIFOLD _____ @ _____
LUM 10 @ 4.40 44.00
 _____ @ _____

CHARGE TO: Palomino
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2,370.84

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 5,939.49
 DISCOUNT 1,187.89 IF PAID IN 30 DAYS
4,751.59

PRINTED NAME X Mike Rem
 SIGNATURE X Mike Rem
 Thank you!



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 138447

Invoice Date: Sep 4, 2013

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361

Now Includes:



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

Customer ID	Field Ticket #	Payment Terms	
Palo	61767	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Sep 4, 2013	10/4/13

Quantity	Item	Description	Unit Price	Amount
		LK-MK #1		
300.00	CEMENT MATERIALS	Class A Common	17.90	5,370.00
6.00	CEMENT MATERIALS	Gel	23.40	140.40
23.00	CEMENT MATERIALS	Chloride	64.00	1,472.00
400.00	CEMENT MATERIALS	Lightweight	15.95	6,380.00
100.00	CEMENT MATERIALS	Flo Seal	2.97	297.00
784.57	CEMENT SERVICE	Cubic Feet	2.48	1,945.73
338.26	CEMENT SERVICE	Ton Mileage	2.60	879.48
1.00	CEMENT SERVICE	Surface	2,213.75	2,213.75
10.00	CEMENT SERVICE	Pump Truck Mileage	7.70	77.00
10.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	44.00
1.00	EQUIPMENT SALES	8-5/8 Insert	446.94	446.94
1.00	EQUIPMENT SALES	8-5/8 Rubber Plug	131.04	131.04
2.00	EQUIPMENT SALES	8-5/8 Basket	462.15	924.30
1.00	CEMENT SUPERVISOR	Joshua Isaac		
1.00	EQUIPMENT OPERATOR	Ben Newell		
1.00	EQUIPMENT OPERATOR	Daniel Casper		
1.00	OPERATOR ASSISTANT	Joe Goodson		

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

\$ 5,080.41

ONLY IF PAID ON OR BEFORE

Sep 29, 2013

Subtotal	20,321.64
Sales Tax	932.44
Total Invoice Amount	21,254.08
Payment/Credit Applied	
TOTAL	21,254.08

ALLIED OIL & GAS SERVICES, LLC 061767

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Greatland

DATE <u>9-4-13</u>	SEC <u>2</u>	TWP. <u>19</u>	RANGE <u>22</u>	CALLED OUT	ON LOCATION	JOB START <u>4 AM</u>	JOB FINISH <u>5 AM</u>
LEASE <u>LK-MK</u>	WELL # <u>1</u>	LOCATION <u>Bazine 2w 1/4 S E into</u>			COUNTY <u>Ness</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR Pickell #10 OWNER _____

TYPE OF JOB Surface

HOLE SIZE <u>12 1/2</u>	T.D.
CASING SIZE <u>9 5/8</u>	DEPTH <u>1432</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>29 FT</u>	
PERFS.	
DISPLACEMENT <u>\$7.54 bbls fresh water</u>	

CEMENT
AMOUNT ORDERED 4100 SKS 65/35 6 1/2 gal
30% CL 1/4 Flo
300 SKS Class A 30% CL 2 1/2 gal

EQUIPMENT

PUMP TRUCK	CEMENTER <u>Joshua</u>
# <u>398</u>	HELPER <u>Ben Newel</u>
BULK TRUCK	
# <u>344-170</u>	DRIVER <u>Dan Casper</u>
BULK TRUCK	
# <u>609-112</u>	DRIVER <u>Joe Goodson</u>

COMMON	<u>300</u>	@ <u>17.90</u>	<u>5,370.00</u>
POZMIX		@	
GEL	<u>6</u>	@ <u>23.40</u>	<u>140.40</u>
CHLORIDE	<u>23</u>	@ <u>64.00</u>	<u>1,472.00</u>
ASC		@	
Almond bitum	<u>400</u>	@ <u>15.95</u>	<u>6,380.00</u>
Almond	<u>100</u>	@ <u>2.97</u>	<u>297.00</u>
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>789.57</u>	@ <u>2.48</u>	<u>1,945.73</u>
MILEAGE	<u>33.82 x 10 x 2.60</u>		<u>879.50</u>

TOTAL 16,484.65

REMARKS:

On location Rig up had safety meeting
Ran 9 5/8 casing, break circulation, pump ball down
pump 5 bbls fresh water ahead
mix 4100 SKS 65/35 6 1/2 gal 30% CL 1/4 Flo
mix 300 SKS Class A 30% CL 2 1/2 gal
prop plug, Displace 875 bbls fresh water
Start in plug down 4:30 AM
Cement did circulation
Rig down

SERVICE

DEPTH OF JOB	<u>1432</u>
PUMP TRUCK CHARGE	<u>2213.75</u>
EXTRA FOOTAGE	@
MILEAGE	<u>HVM 10 @ 7.70 77.00</u>
MANIFOLD	@
	<u>HVM 10 @ 4.40 44.00</u>
	@

TOTAL 2,334.75

CHARGE TO: Palomino Petroleum
STREET _____
CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

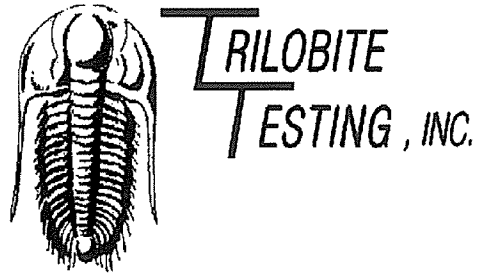
Insert	@ <u>446.94</u>	<u>446.94</u>
Rubber plug	@ <u>131.97</u>	<u>131.97</u>
2 B50 Baskets	@ <u>462.05</u>	<u>924.00</u>
	@	
	@	

TOTAL 1,502.91

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 20,321.66
5,080.91
DISCOUNT _____ IF PAID IN 30 DAYS
15,241.24

PRINTED NAME X Mike Kern
SIGNATURE X Mike Kern



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

LK-MK #1

2-19-22 Ness, KS

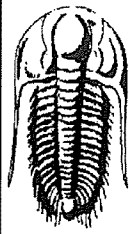
Start Date: 2013.09.10 @ 20:30:15

End Date: 2013.09.11 @ 03:04:15

Job Ticket #: 54937 DST #: 1

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

Printed: 2013.09.12 @ 13:25:48



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc

2-19-22 Ness, KS

4924 SE 84th St
New ton, KS 67114

LK-MK #1

Job Ticket: 54937

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2013.09.10 @ 20:30:15

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:15

Time Test Ended: 03:04:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Interval: **4170.00 ft (KB) To 4259.00 ft (KB) (TVD)**

Reference Elevations: 2150.00 ft (KB)

Total Depth: 4259.00 ft (KB) (TVD)

2143.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8373 Inside

Press@RunDepth: 105.30 psig @ 4171.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.10

End Date: 2013.09.11

Last Calib.: 2013.09.11

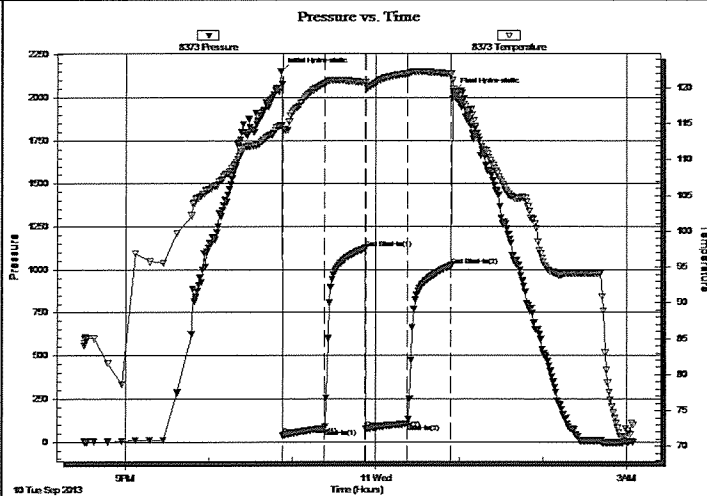
Start Time: 20:30:20

End Time: 03:04:14

Time On Btm: 2013.09.10 @ 22:51:15

Time Off Btm: 2013.09.11 @ 00:55:45

TEST COMMENT: IF: 1/4" blow built to 9"
IS: No return.
FF: Surface blow built to 6"
FS: No return.



PRESSURE SUMMARY

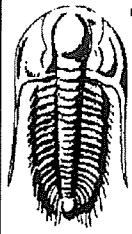
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2151.84	114.72	Initial Hydro-static
2	38.10	114.19	Open To Flow (1)
32	78.07	120.62	Shut-In(1)
61	1124.65	120.74	End Shut-In(1)
62	77.38	120.21	Open To Flow (2)
92	105.30	122.02	Shut-In(2)
123	1024.05	121.95	End Shut-In(2)
125	2032.71	119.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	mcw 80%w 20%m	1.74
62.00	mcw 60%w 40%m	0.87

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

2-19-22 Ness, KS

4924 SE 84th St
New ton, KS 67114

LK-MK #1

Job Ticket: 54937

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2013.09.10 @ 20:30:15

Tool Information

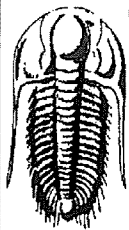
Drill Pipe:	Length: 4157.00 ft	Diameter: 3.80 inches	Volume: 58.31 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 58.31 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4170.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.00 ft			
Tool Length:	117.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4143.00	
Shut In Tool	5.00			4148.00	
Hydraulic tool	5.00			4153.00	
Jars	5.00			4158.00	
Safety Joint	3.00			4161.00	
Packer	5.00			4166.00	28.00 Bottom Of Top Packer
Packer	4.00			4170.00	
Stubb	1.00			4171.00	
Recorder	0.00	8373	Inside	4171.00	
Recorder	0.00	8356	Outside	4171.00	
Perforations	18.00			4189.00	
Change Over Sub	1.00			4190.00	
Drill Pipe	63.00			4253.00	
Change Over Sub	1.00			4254.00	
Bullnose	5.00			4259.00	89.00 Bottom Packers & Anchor

Total Tool Length: 117.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

2-19-22 Ness, KS

4924 SE 84th St
New ton, KS 67114

LK-MK #1

Job Ticket: 54937

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2013.09.10 @ 20:30:15

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:

60000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	mcw 80%w 20%m	1.739
62.00	mcw 60%w 40%m	0.870

Total Length: 186.00 ft

Total Volume: 2.609 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .12@74= 60000

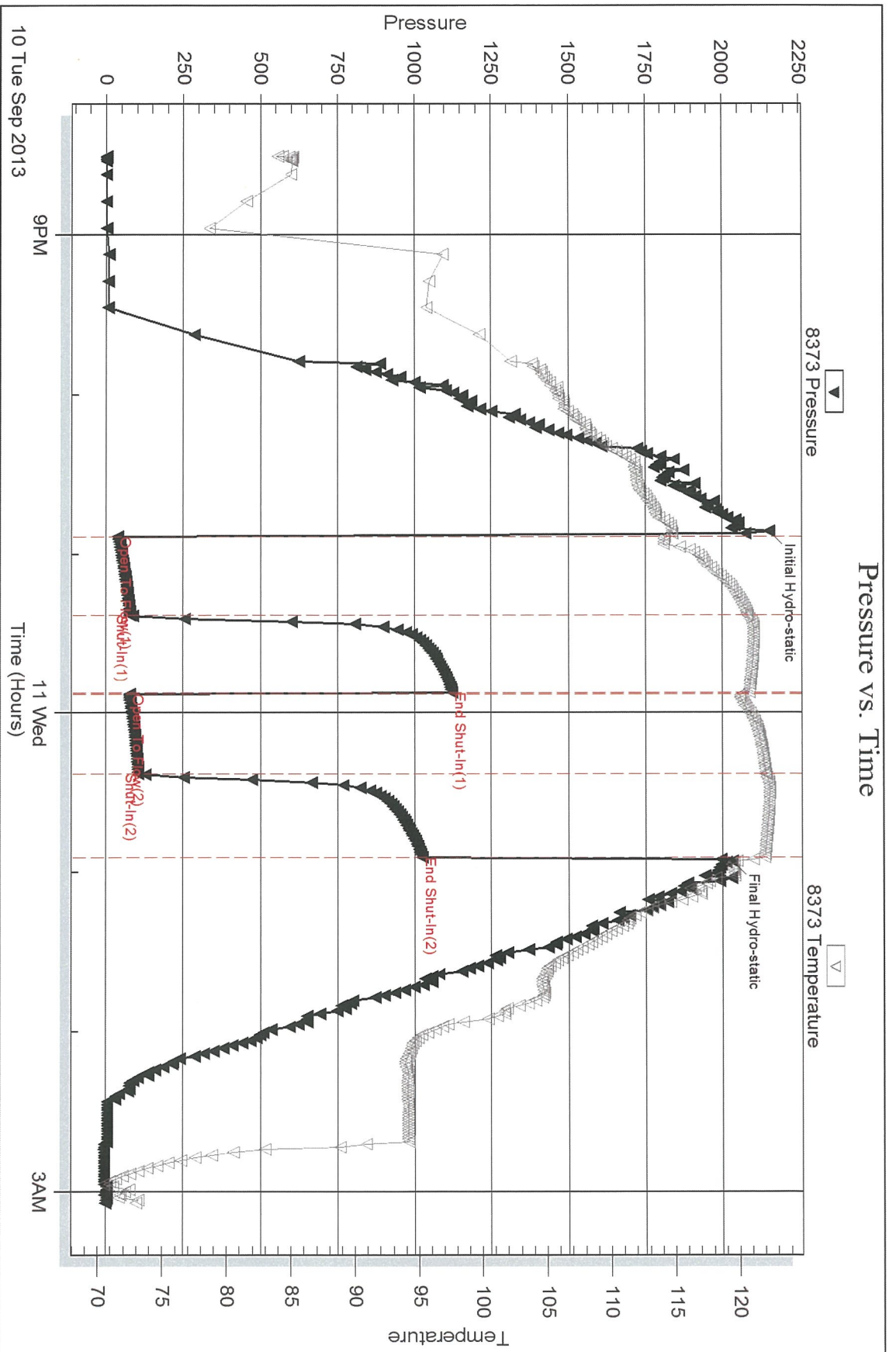
Serial #: 8373

Inside

Palominio Petroleum Inc

LK-MK#1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 54937

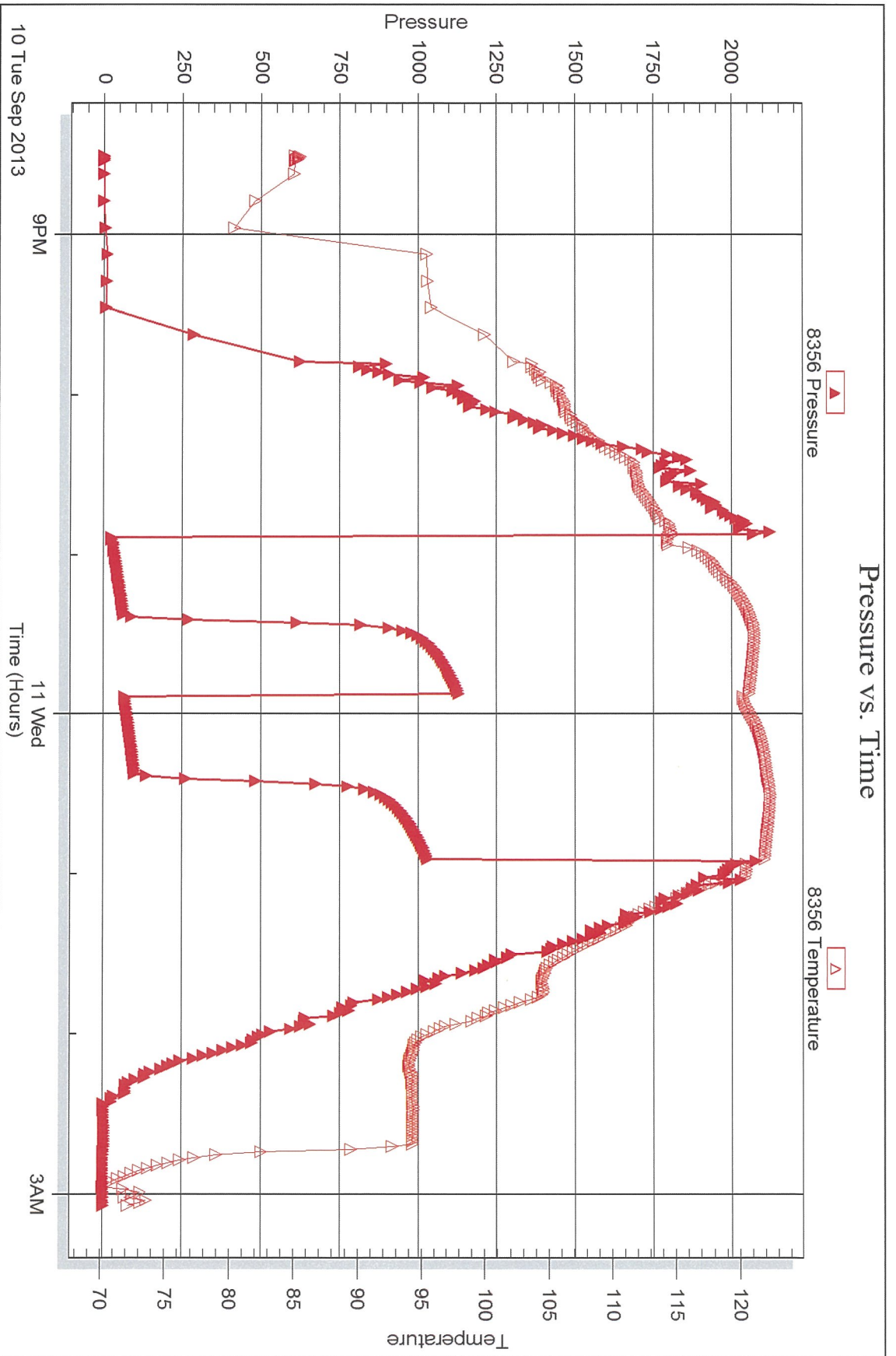
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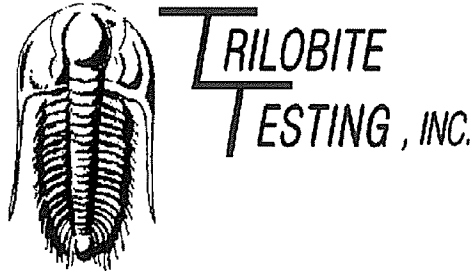
Serial #: 8356

Outside Palomino Petroleum Inc

LK-MK #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton, KS 67114

ATTN: Andrew Stenzel

LK-MK #1

2-19-22 Ness, KS

Start Date: 2013.09.11 @ 14:49:36

End Date: 2013.09.11 @ 21:02:06

Job Ticket #: 54938 DST #: 2

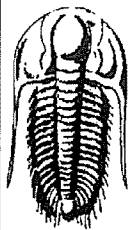
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.09.12 @ 13:25:14

Palomino Petroleum Inc 2-19-22 Ness, KS LK-MK #1 DST # 2 Ft. Scott 2013.09.11



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc

2-19-22 Ness, KS

4924 SE 84th St
New ton, KS 67114

LK-MK #1

Job Ticket: 54938

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2013.09.11 @ 14:49:36

GENERAL INFORMATION:

Formation: **Ft. Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:56:06

Time Test Ended: 21:02:06

Test Type: Conventional Straddle (Reset)

Tester: Brandon Turley

Unit No: 60

Interval: **4125.00 ft (KB) To 4169.00 ft (KB) (TVD)**

Reference Elevations: 2150.00 ft (KB)

Total Depth: 4355.00 ft (KB) (TVD)

2143.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 7.00 ft

Serial #: 8373 Inside

Press@RunDepth: 43.51 psig @ 4126.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.11

End Date: 2013.09.11

Last Calib.: 2013.09.11

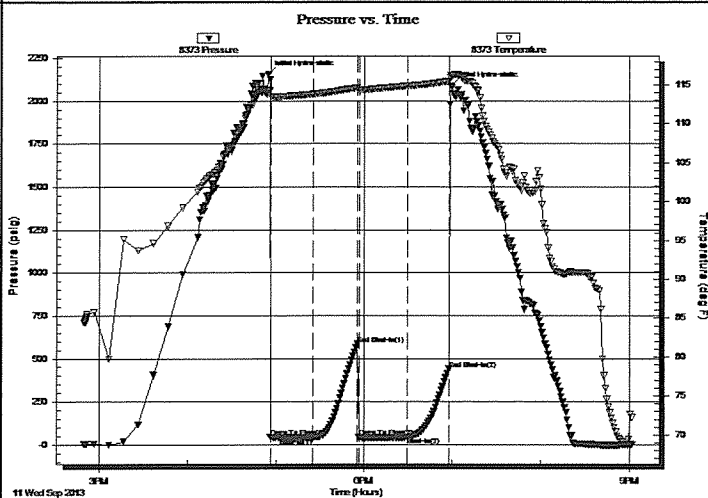
Start Time: 14:49:41

End Time: 21:02:05

Time On Btm: 2013.09.11 @ 16:54:36

Time Off Btm:

TEST COMMENT: IF: Surface blow died in 4 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.46	114.31	Initial Hydro-static
2	42.13	113.54	Open To Flow (1)
31	40.96	113.80	Shut-In(1)
61	584.13	114.62	End Shut-In(1)
62	41.66	114.35	Open To Flow (2)
95	43.51	114.85	Shut-In(2)
123	438.57	115.46	End Shut-In(2)
125	2085.95	116.17	Initial Hydro-static

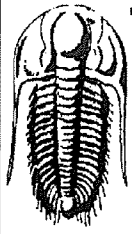
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

* 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
 Newton, KS 67114
 ATTN: Andrew Stenzel

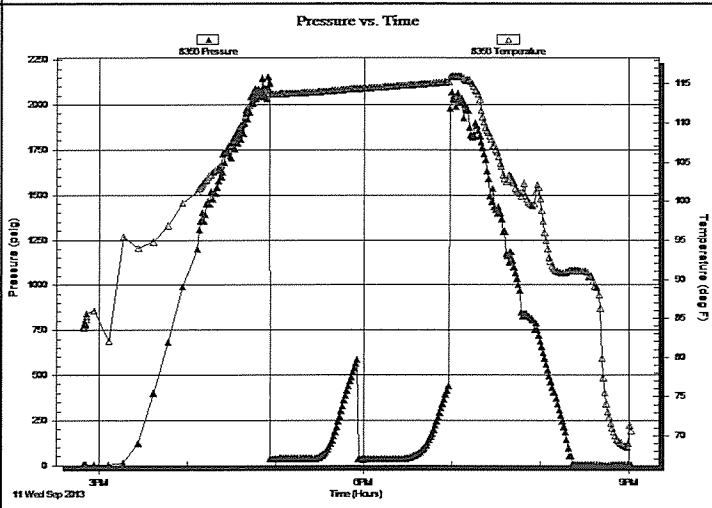
2-19-22 Ness, KS
LK-MK #1
 Job Ticket: 54938 **DST#: 2**
 Test Start: 2013.09.11 @ 14:49:36

GENERAL INFORMATION:

Formation: **Ft. Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:56:06
 Time Test Ended: 21:02:06
 Interval: **4125.00 ft (KB) To 4169.00 ft (KB) (TVD)**
 Total Depth: 4355.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2150.00 ft (KB)
 2143.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8356 Outside
 Press@RunDepth: psig @ 4126.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.11 End Date: 2013.09.11 Last Calib.: 2013.09.11
 Start Time: 14:49:39 End Time: 21:02:03 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Surface blow died in 4 min.
 IS: No return.
 FF: No blow.
 FS: No return.

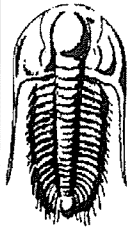


PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.07

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

* Recovery from multiple tests
 Trilobite Testing, Inc



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

2-19-22 Ness, KS

4924 SE 84th St
New ton, KS 67114

LK-MK #1

Job Ticket: 54938

DST#: 2

ATTN: Andrew Stenzel

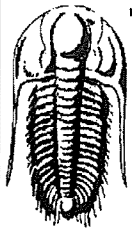
Test Start: 2013.09.11 @ 14:49:36

Tool Information

Drill Pipe:	Length: 4125.00 ft	Diameter: 3.80 inches	Volume: 57.86 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: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4125.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	4165.00 ft			
Interval between Packers:	40.00 ft			
Tool Length:	253.00 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			4098.00	
Shut In Tool	5.00			4103.00	
Hydraulic tool	5.00			4108.00	
Jars	5.00			4113.00	
Safety Joint	3.00			4116.00	
Packer	5.00			4121.00	28.00 Bottom Of Top Packer
Packer	4.00			4125.00	
Stubb	1.00			4126.00	
Recorder	0.00	8373	Inside	4126.00	
Recorder	0.00	8356	Outside	4126.00	
Perforations	1.00			4127.00	
Change Over Sub	1.00			4128.00	
Drill Pipe	30.00			4158.00	
Change Over Sub	1.00			4159.00	
Perforations	5.00			4164.00	
Blank Off Sub	1.00			4165.00	40.00 Tool Interval
Packer	4.00			4169.00	
Stubb	1.00			4170.00	
Perforations	17.00			4187.00	
Change Over Sub	1.00			4188.00	
Recorder	0.00	8645	Below	4188.00	
Drill Pipe	156.00			4344.00	
Change Over Sub	1.00			4345.00	
Bullnose	5.00			4350.00	185.00 Bottom Packers & Anchor
Total Tool Length:	253.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

2-19-22 Ness, KS

4924 SE 84th St
New ton, KS 67114

LK-MK #1

Job Ticket: 54938

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2013.09.11 @ 14:49:36

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:

bbbl

Water Loss: 11.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100% _m	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8373

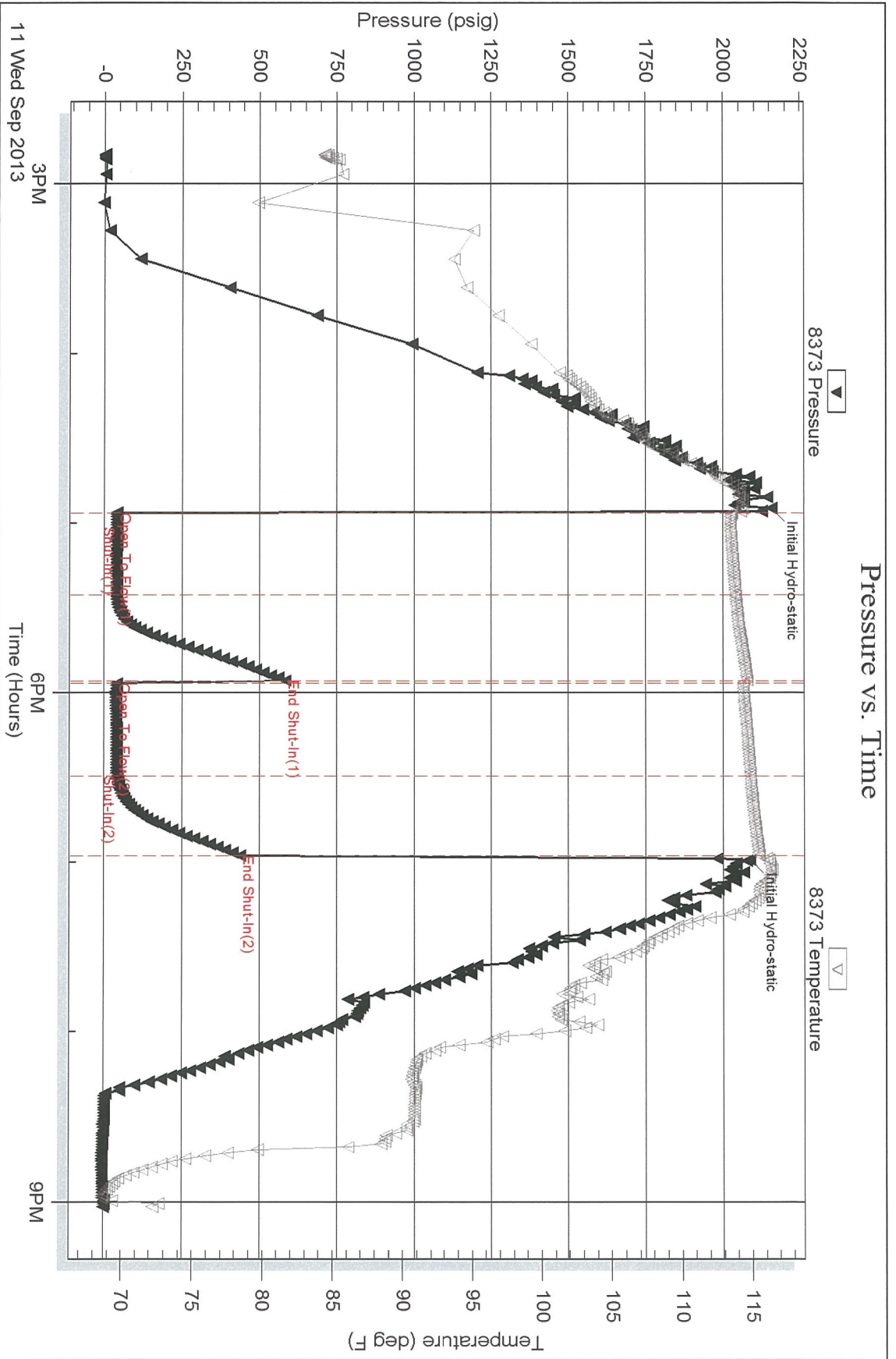
Inside

Palomino Petroleum Inc

LK-MK #1

DST Test Number: 2

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 54938

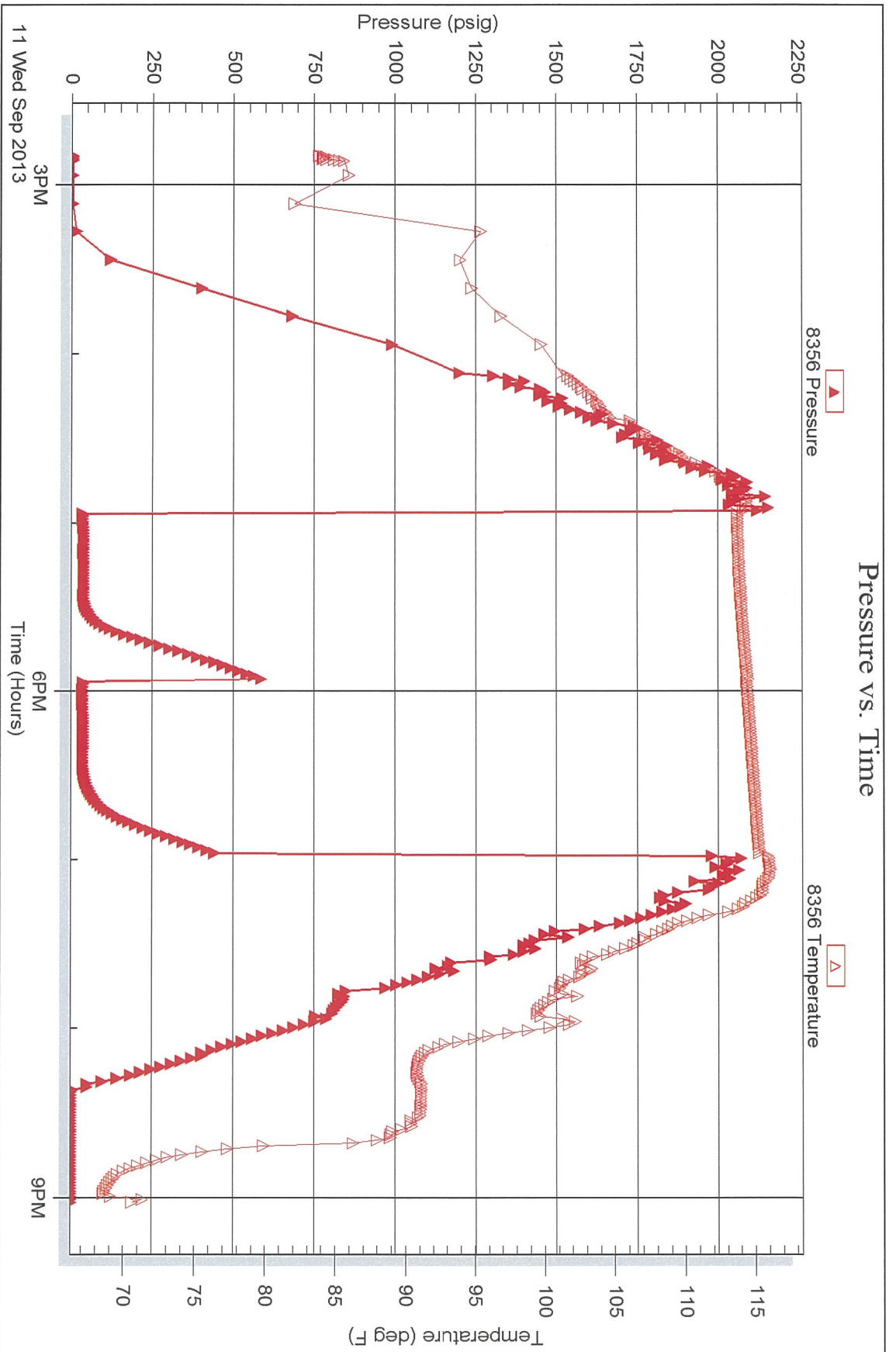
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Serial #: 8356

Outside Palominio Petroleum Inc

LK-MK#1

DST Test Number: 2

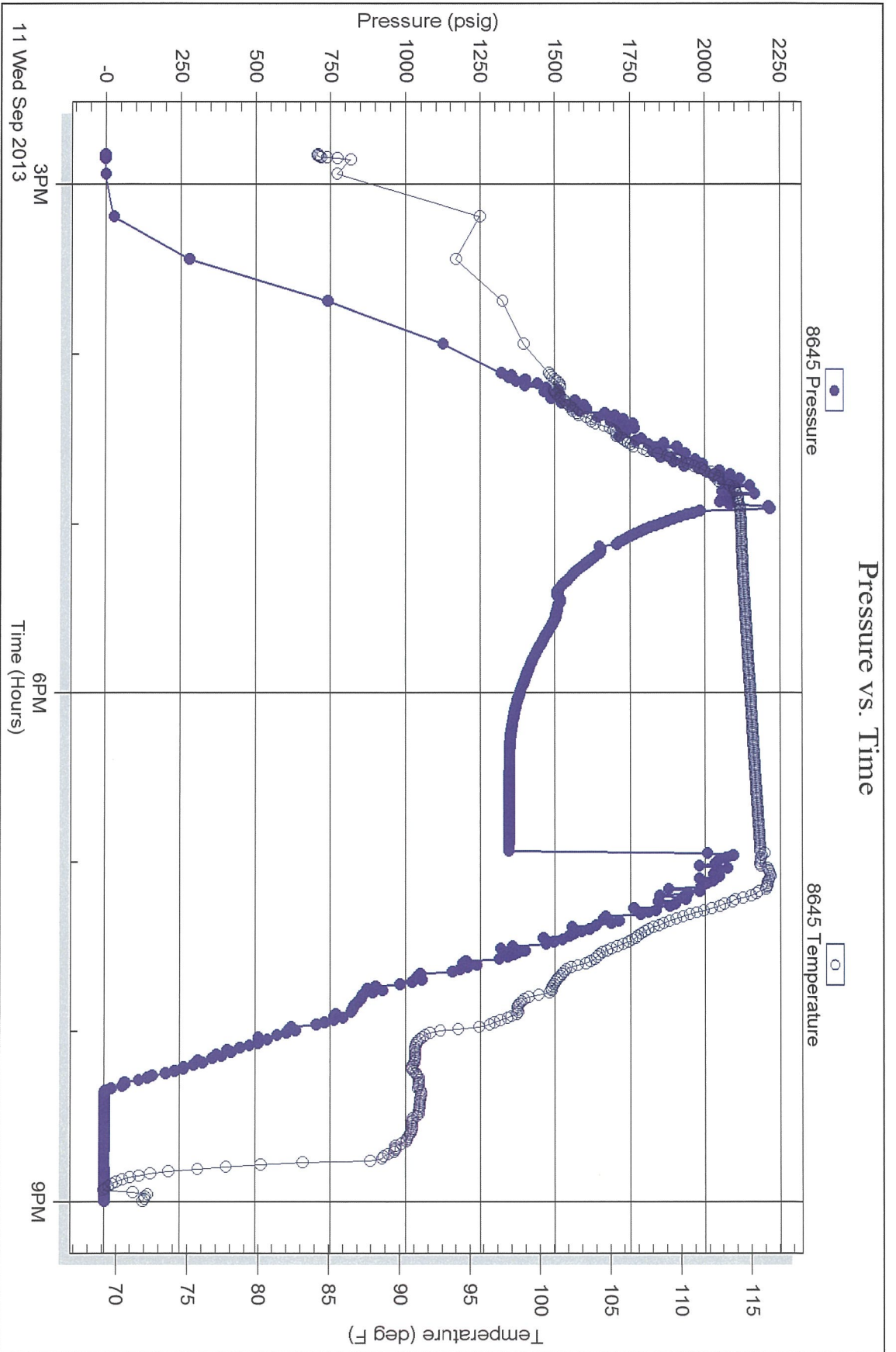


Serial #: 8645

Below (Stratthor) Petroleum Inc

LK-MK #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 54938

Printed: 2013.09.12 @ 13:25:17



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54937

Well Name & No. LK-MK #1 Test No. 1 Date 9-10-13
 Company Palomino Petroleum Inc Elevation 2150 KB 2143 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig Pickrell #10
 Location: Sec. 2 Twp. 19 Rge. 22 Co. Ness State KS

Interval Tested 4170 4259 Zone Tested Miss
 Anchor Length 89 Drill Pipe Run 4157 Mud Wt. 9.2
 Top Packer Depth 4165 Drill Collars Run — Vis 52
 Bottom Packer Depth 4170 Wt. Pipe Run — WL 11.2
 Total Depth 4259 Chlorides 6400 ppm System LCM 1/2

Blow Description ±F! 1/4 blow built to 9.
ES! No return,
FF! surface blow built to 6.
FS! No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>MCW</u>		<u>60</u>	<u>40</u>	
<u>124</u>	<u>MCW</u>		<u>80</u>	<u>20</u>	

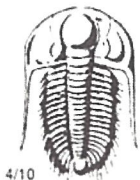
Rec Total 186 BHT 121 Gravity — API RW .12 @ 74 °F Chlorides 60,000 ppm

(A) Initial Hydrostatic 2151 Test 1250 T-On Location 14:15
 (B) First Initial Flow 38 Jars 250 T-Started 20:30
 (C) First Final Flow 78 Safety Joint 75 T-Open 22:53
 (D) Initial Shut-In 1124 Circ Sub NIL T-Pulled 00:53
 (E) Second Initial Flow 77 Hourly Standby T-Out 3:04
 (F) Second Final Flow 105 Mileage 138 - 112rt 173.60 Comments had to correct mud
 (G) Final Shut-In 1024 Sampler 24rt 37.20
 (H) Final Hydrostatic 2032 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility

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

Sub Total 1785.80
 Sub Total 1785.80
 Approved By _____
 Our Representative [Signature]
 MP/DST Disc't _____

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. **54938**

Well Name & No. LK-MK #1 Test No. 2 Date 9-11-13
 Company Palomino Petroleum Inc Elevation 2150 KB 2143 GL
 Address _____
 Co. Rep / Geo. Andrew Stenzel Rig Aickrell #10
 Location: Sec. 2 Twp. 19 Rge. 22 Co. NeSS State KS

Interval Tested 4125 4169 Zone Tested Ft. Scott
 Anchor Length _____ 44 Drill Pipe Run 4128 Mud Wt. 9.3
 Top Packer Depth _____ 4125 Drill Collars Run _____ Vis 55
 Bottom Packer Depth _____ 4169 Wt. Pipe Run _____ WL 11.6
 Total Depth _____ 4350 Chlorides 5600 ppm System LCM 1
 Blow Description IF: Surface blow died in 4 min.

IS: No return
FF: No blow,
FS: No return,

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

Rec Total 5 BHT 115 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm
 (A) Initial Hydrostatic 2156 Test 1250 T-On Location 14:15
 (B) First Initial Flow 42 Jars 250 T-Started 14:49
 (C) First Final Flow 40 Safety Joint 75 T-Open 16:55
 (D) Initial Shut-In 584 Circ Sub NIL T-Pulled 18:55
 (E) Second Initial Flow 41 Hourly Standby _____ T-Out 21:00
 (F) Second Final Flow 43 Mileage 138- 173.60 Comments _____
 (G) Final Shut-In 438 Sampler _____
 (H) Final Hydrostatic 2695 Straddle 600 Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 2348.60
 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.