



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
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- 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

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total 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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%; border-bottom: 1px solid black;">Name</td> <td style="width:15%; border-bottom: 1px solid black;">Top</td> <td style="width:15%; border-bottom: 1px solid black;">Datum</td> </tr> </table>	Name	Top	Datum
Name	Top	Datum		

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				

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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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Stoll-Olivia 1
Doc ID	1138261

Tops

Name	Top	Datum
Anhy.	2423	(+ 532)
Base Anhy.	2448	(+ 507)
Howard	3600	(- 645)
Topeka	3656	(- 701)
Heebner	3877	(- 922)
Toronto	3897	(- 942)
Lansing	3919	(- 964)
Stark	4159	(-1204)
BKC	4224	(-1269)
Marmaton	4284	(-1329)
Pawnee	4363	(-1408)
Ft. Scott	4419	(-1464)
Cherokee	4445	(-1490)
Johnson	4488	(-1533)
Morrow Sh.	4532	(-1577)
Morrow Ss.	4547	(-1592)
Miss.	4570	(-1615)
LTD	4601	(-1646)



RECEIVED

FEB 04 2013

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 134562

Invoice Date: Jan 21, 2013

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

Page: 1

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

Now Includes:



Customer ID	Well Name# or Customer P.O.	Payment Terms	
Palo	Stoll Olivia #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Jan 21, 2013	2/20/13

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	17.90	2,362.80
88.00	MAT	Pozmix	9.35	822.80
8.00	MAT	Gel	23.40	187.20
55.00	MAT	Flo Seal	2.97	163.35
236.28	SER	Cubic Feet	2.48	585.97
197.40	SER	Ton Mileage	2.60	513.24
1.00	SER	Plug to Abandon	2,483.59	2,483.59
20.00	SER	Pump Truck Mileage	7.70	154.00
20.00	SER	Light Vehicle Mileage	4.40	88.00
1.00	EQP	8.5/8 Wooden Plug	107.64	107.64
1.00	CEMENTER	Darren Racette		
1.00	EQUIP OPER	Tyler Flipse		
1.00	OPER ASSIST	Brandon Wilkinson		

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

\$ 2315.26

ONLY IF PAID ON OR BEFORE  
Feb 15, 2013

Subtotal	7,468.59
Sales Tax	582.55
Total Invoice Amount	8,051.14
Payment/Credit Applied	
<b>TOTAL</b>	<b>8,051.14</b>

# ALLIED OIL & GAS SERVICES, LLC 060033

Federal Tax I.D. # 20-8651476

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

SERVICE POINT

*Callan*  
1-23-13

DATE <u>1-21-13</u>	SEC <u>23</u>	TWP <u>13</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION	JOB START AM <u>12:00</u>	JOB FINISH AM <u>1:00</u>
LEASE <u>Stoll olivia</u>	WELL# <u>1</u>	LOCATION <u>Callan 115-W To Rd 390</u>			COUNTY <u>Logan</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)		35-winto					

CONTRACTOR <u>Val #2</u>	OWNER <u>Same</u>
TYPE OF JOB <u>PTA</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4600</u>
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>2450</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

CEMENT		
AMOUNT ORDERED	<u>220 SKS 69 40 40 Gel</u>	
	<u>14 Flo seal</u>	
COMMON	<u>132 SKS @ \$17.92</u>	<u>\$2362.80</u>
POZMIX	<u>88 SKS @ \$9.35</u>	<u>\$822.80</u>
GEL	<u>8 SKS @ \$23.40</u>	<u>\$187.80</u>
CHLORIDE	@	
ASC	@	
<u>Flo seal</u>	<u>55 @ \$2.92</u>	<u>\$163.35</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>236.28 CF X</u>	<u>\$2.42</u>
MILEAGE	<u>287 X 20 X</u>	<u>\$2.60</u>
		<u>\$585.74</u>
		<u>\$513.24</u>
		<u>TOTAL \$4635.36</u>

**EQUIPMENT**

PUMP TRUCK	CEMENTER <u>Drewn Facotte 1</u>
# <u>423-281</u>	HELPER <u>Tyler Flipsc 2</u>
BULK TRUCK	
# <u>540-287</u>	DRIVER <u>Brandon Wilkinson 3</u>
BULK TRUCK	
#	DRIVER

**REMARKS:**

Mix 25 SKS Cement 2450'  
Mix 100 SKS Cement 1475'  
Mix 40 SKS Cement 275'  
Mix 10 SKS Cement 40'

Plug mousehole 15 SKS Cement  
Plug Rathole 30 SKS Cement

Thank You

CHARGE TO: Palominu Potaploun

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	<u>2450'</u>	
PUMP TRUCK CHARGE		<u>\$2483.59</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>20 @ \$7.70</u>	<u>\$154.00</u>
MANIFOLD	@	
<u>LV mileage</u>	<u>@ \$4.40</u>	<u>\$88.00</u>
	@	
		<u>TOTAL \$2725.59</u>

**PLUG & FLOAT EQUIPMENT**

<u>1 Wooden Plug</u>	@	<u>\$107.64</u>
	@	
	@	
	@	
	@	
		<u>TOTAL \$107.64</u>

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.

PRINTED NAME James Sulks

SIGNATURE [Signature]

SALES TAX (if Any)	<u>582.55</u>
TOTAL CHARGES	<u>7,468.59</u>
DISCOUNT	<u>2315.26</u> IF PAID IN 30 DAYS
	<u>5153.33</u>
	<u>3710</u>





RECEIVED  
JAN 22 2013

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 134387

Invoice Date: Jan 10, 2013

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

Page: 1

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

Now Includes:



Customer ID	Well Name# or Customer P.O.	Payment Terms	
Paio	Stoll Olivia #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 10, 2013	2/9/13

Quantity	Item	Description	Unit Price	Amount
165.00	MAT	Class A Common	17.90	2,953.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
178.42	SER	Cubic Feet	2.48	442.48
162.80	SER	Ton Mileage	2.60	423.28
1.00	SER	Surface	1,512.25	1,512.25
20.00	SER	Pump Truck Mileage	7.70	154.00
1.00	SER	Manifold Swedge Rental	275.00	275.00
20.00	SER	Light Vehicle Mileage	4.40	88.00
1.00	CEMENTER	LaRene Wentz		
1.00	OPER ASSIST	Paul Beaver		
1.00	OPER ASSIST	Brandon Wilkinson		

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

\$ 1449.62

ONLY IF PAID ON OR BEFORE  
Feb 4, 2013

Subtotal	6,302.71
Sales Tax	265.80
Total Invoice Amount	6,568.51
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,568.51</b>

# ALLIED OIL & GAS SERVICES, LLC 050862

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999  
SOUTH LAKE, TEXAS 76092

SERVICE POINT:  
Oaklay, Ks

DATE 1-10-13 SEC. 23 TWP. 13 RANGE 33 CALLED OUT \_\_\_\_\_ ON LOCATION 18:00 pm JOB START 10:30p JOB FINISH 11:00pm  
 LEASE 3.211 Stall Olivia WELL# 1 LOCATION Oaklay, Ks 115, wto 390 COUNTY Logan STATE Ks  
 OLD OR NEW (Circle one) NEW 95, w into

CONTRACTOR Ual #7  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 223  
 CASING SIZE 8 1/8 DEPTH 223  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 181  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 13.31

OWNER Same  
 CEMENT AMOUNT ORDERED 165 sbs com 3% ce  
2% gel  
 COMMON 165 sbs @ 12.20 2953.50  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 385 @ 22.90 70.20  
 CHLORIDE 66.75 @ 69.00 384.00  
 ASC \_\_\_\_\_ @ \_\_\_\_\_

EQUIPMENT  
 PUMP TRUCK CEMENTER Lakene Wentz  
 # 431 HELPER Paul Beaver  
 BULK TRUCK DRIVER Brandon Wilkerson  
 # 347 DRIVER \_\_\_\_\_

HANDLING 128.42 8.40 @ 2.18 442.48  
 MILEAGE 8.147 miles X 20 X 2.60 423.28  
 TOTAL 5273.46

REMARKS:  
mix 165 sbs cement  
Displace with water  
Cement did circulate

SERVICE  
 DEPTH OF JOB 22.31  
 PUMP TRUCK CHARGE 1512.25  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE ME 10 20 @ 7.70 154.00  
 MANIFOLD Swedge @ 275.00  
ME 10 20 @ 4.90 88.00

CHARGE TO: Palomino Petroleum  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

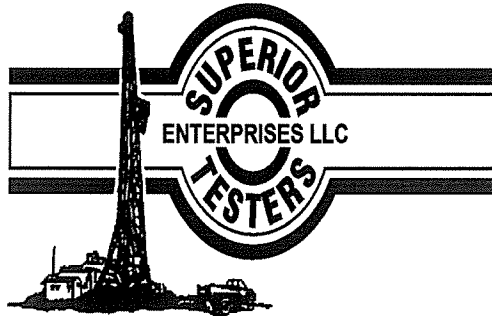
TOTAL 2029.25

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.

PRINTED NAME JAMES SHULTZ  
 SIGNATURE [Signature]

PLUG & FLOAT EQUIPMENT  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

SALES TAX (If Any) 265.80  
 TOTAL CHARGES 6,302.71  
 DISCOUNT 1449.62 IF PAID IN 30 DAYS  
4853.09  
2370



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 South East 84th Street  
Newton ,Kansas 67114

ATTN: Kevin Bailey

*Stoll-Olivia*  
**Stoll-Oliva #1**

**23-13s-33w**

Start Date: 2013.01.17 @ 00:00:00

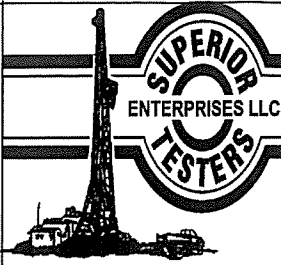
End Date: 2013.01.17 @ 00:00:00

Job Ticket #: 17775                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2013.01.17 @ 06:15:44





# DRILL STEM TEST REPORT

Palomino Petroleum Inc.  
 4924 South East 84th Street  
 New ton ,Kansas 67114  
 ATTN: Kevin Bailey

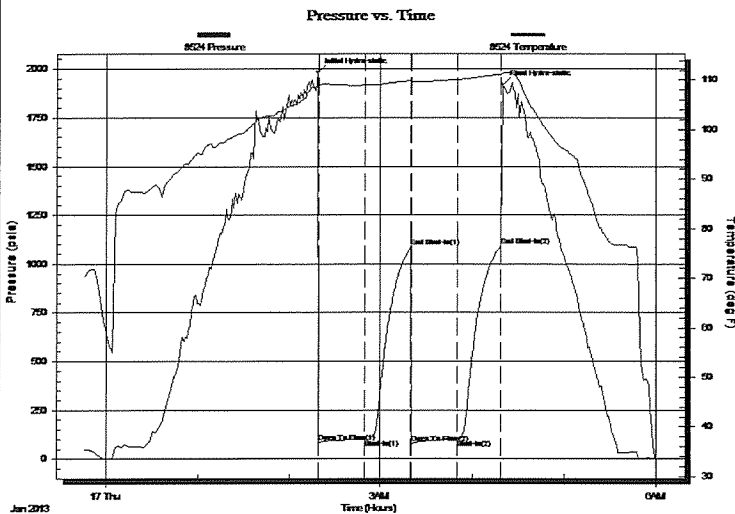
**23-13s-33w**  
**Stroll-Oliva #1**  
 Job Ticket: 17775      **DST#: 1**  
 Test Start: 2013.01.17 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Kansas City "H"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:00:00  
 Time Test Ended: 00:00:00  
 Interval: **4058.00 ft (KB) To 4100.00 ft (KB) (TVD)**  
 Total Depth: 4100.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gene Budig  
 Unit No: 3335  
 Reference Elevations: 2955.00 ft (KB)  
 2945.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8524      Inside**  
 Press@RunDepth: 1090.89 psia @ 4096.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2013.01.16      End Date: 2013.01.17      Last Calib.: 2013.01.17  
 Start Time: 23:45:00      End Time: 06:01:00      Time On Btm: 2013.01.17 @ 02:18:30  
 Time Off Btm: 2013.01.17 @ 04:19:30

**TEST COMMENT:** 1st Opening 30 Minutes-Weak surface blow for 13 minutes and died  
 1st Shut-In 30 Minutes-No blow back  
 2nd Opening 30 Minutes-No blow  
 2nd Shut-In 30 Minutes-No blow back



## PRESSURE SUMMARY

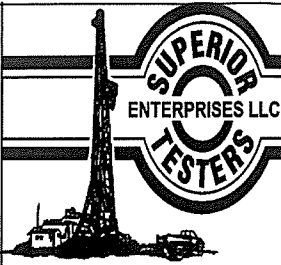
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1981.02	108.66	Initial Hydro-static
1	84.26	108.92	Open To Flow (1)
31	100.55	108.99	Shut-In(1)
61	1083.99	109.87	End Shut-In(1)
62	77.83	109.66	Open To Flow (2)
92	101.49	110.13	Shut-In(2)
120	1090.89	111.15	End Shut-In(2)
121	1918.69	111.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.14

## Gas Rates

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



# DRILL STEM TEST REPORT

Palomino Petroleum Inc.

**23-13s-33w**

4924 South East 84th Street  
New ton ,Kansas 67114

**Stroll-Oliva #1**

Job Ticket: 17775

**DST#: 1**

ATTN: Kevin Bailey

Test Start: 2013.01.17 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Kansas City "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: 3335

**Interval: 4058.00 ft (KB) To 4100.00 ft (KB) (TVD)**

Reference Elevations: 2955.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

2945.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6839 Outside**

Press@RunDepth: 1153.06 psia @ 4097.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2013.01.16

End Date: 2013.01.17

Last Calib.: 2013.01.17

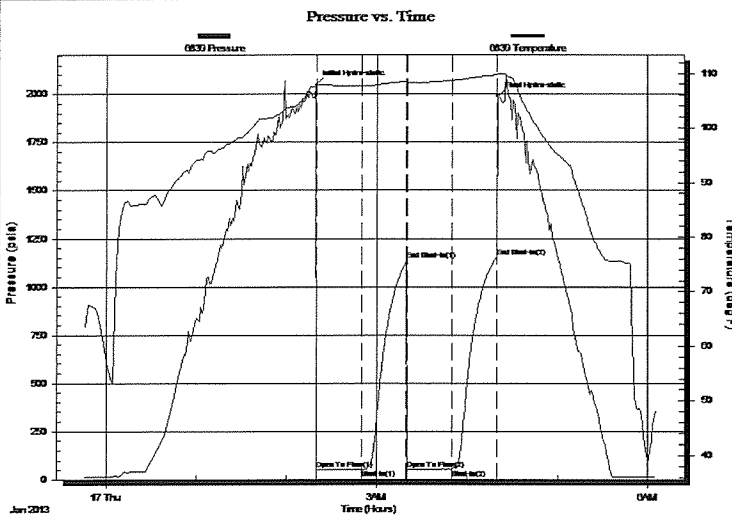
Start Time: 23:45:00

End Time: 06:05:30

Time On Btm: 2013.01.17 @ 02:19:30

Time Off Btm: 2013.01.17 @ 04:20:00

**TEST COMMENT:** 1st Opening 30 Minutes-Weak surface blow for 13 minutes and died  
1st Shut-In 30 Minutes-No blow back  
2nd Opening 30 Minutes-No blow  
2nd Shut-In 30 Minutes-No blow back



## PRESSURE SUMMARY

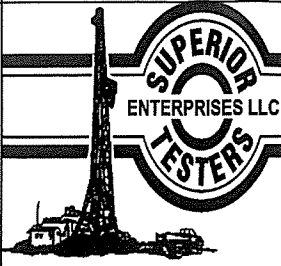
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2046.55	107.73	Initial Hydro-static
1	48.71	107.92	Open To Flow (1)
31	51.44	107.72	Shut-In(1)
61	1135.98	108.50	End Shut-In(1)
61	50.50	108.00	Open To Flow (2)
91	53.14	108.69	Shut-In(2)
120	1153.06	109.73	End Shut-In(2)
121	1987.26	109.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.14

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

23-13s-33w

4924 South East 84th Street  
Newton, Kansas 67114

Stroll-Oliva #1

Job Ticket: 17775

DST#: 1

ATTN: Kevin Bailey

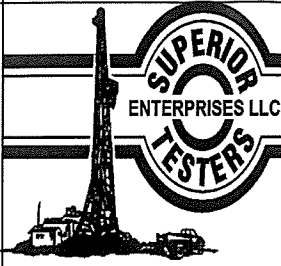
Test Start: 2013.01.17 @ 00:00:00

## Tool Information

Drill Pipe:	Length: 4057.00 ft	Diameter: 3.80 inches	Volume: 56.91 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.76 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 56.91 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4058.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	63.00 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			4038.00	
Shut-In Tool	5.00			4043.00	
Hydroic Tool	5.00			4048.00	
Packer	5.00			4053.00	21.00 Bottom Of Top Packer
Packer	5.00			4058.00	
Perforations	37.00			4095.00	
Recorder	1.00	8524	Inside	4096.00	
Recorder	1.00	6839	Outside	4097.00	
Bullnose	3.00			4100.00	42.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>63.00</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

23-13s-33w

4924 South East 84th Street  
New ton ,Kansas 67114

Stroll-Oliva #1

Job Ticket: 17775

DST#: 1

ATTN: Kevin Bailey

Test Start: 2013.01.17 @ 00:00:00

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 57.00 sec/qt  
Water Loss: 7.20 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 2500.00 ppm  
Filter Cake: 0.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psia

Oil API: deg API  
Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Drilling Mud	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8524

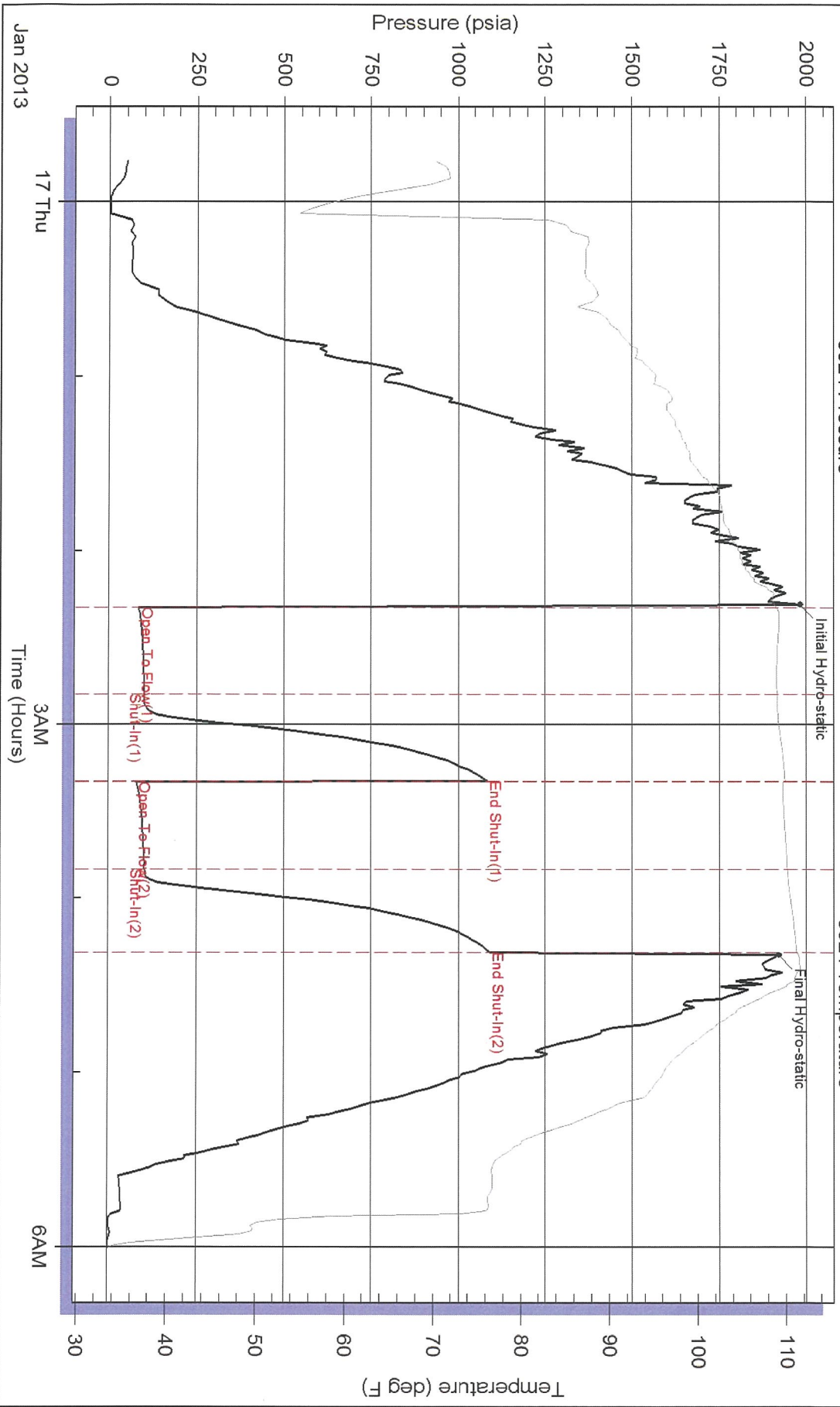
Inside

Palomino Petroleum Inc.

Stroll-Oliva #1

DST Test Number: 1

### Pressure vs. Time

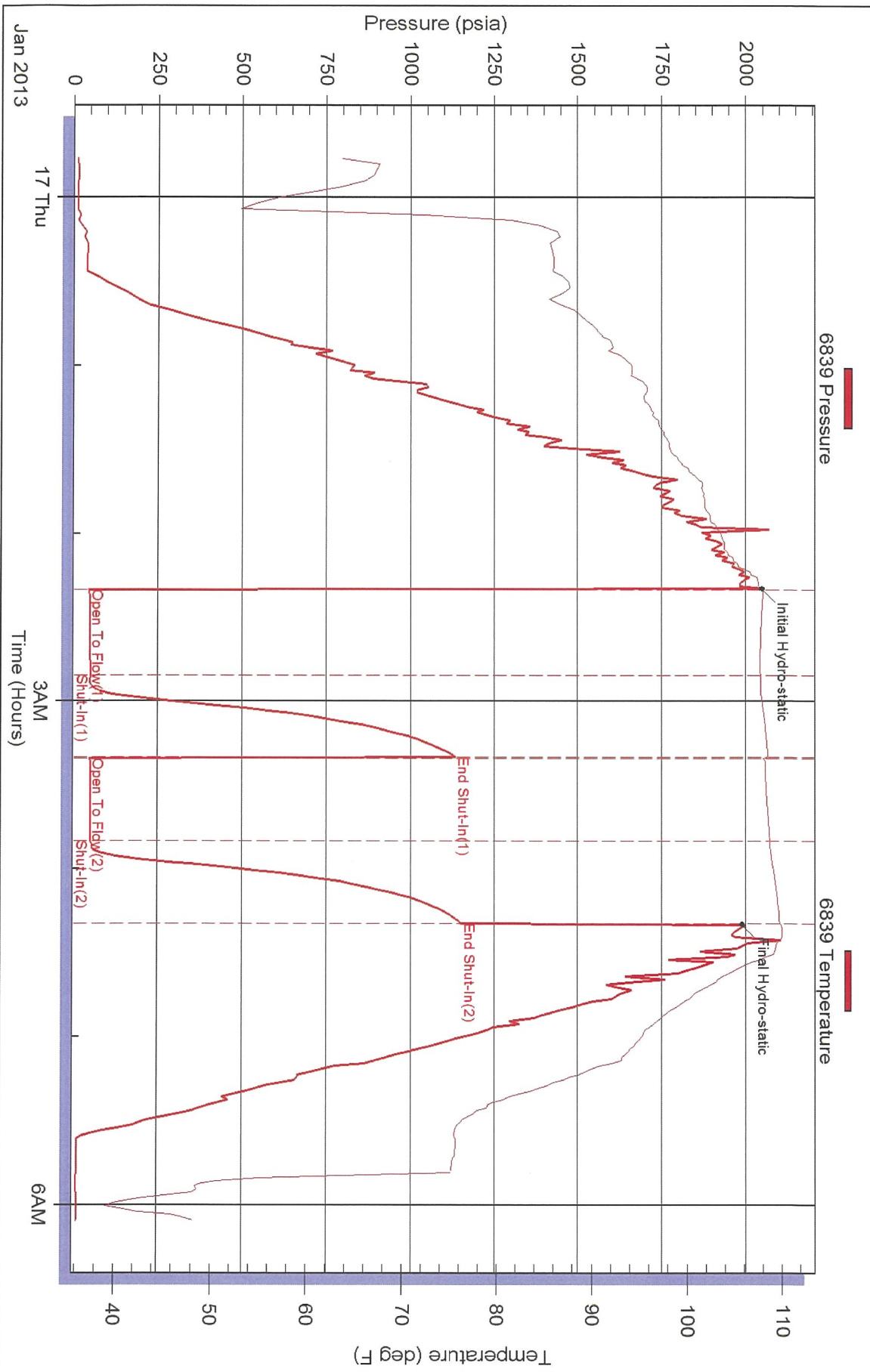


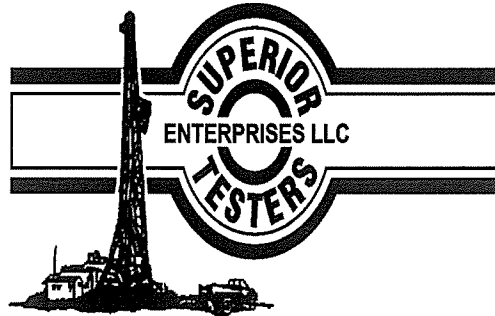
Superior Testers Enterprises LLC

Ref. No: 17775

Printed: 2013.01.17 @ 06:15:45

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 South East 84th Street  
Newton ,Kansas 67114

ATTN: Kevin Bailey

*Stoll-Olivia*  
**~~Stoll-Olivia~~ #1**

**23-13s-33w**

Start Date: 2013.01.18 @ 00:00:00

End Date: 2013.01.18 @ 00:00:00

Job Ticket #: 16951                      DST #: 2

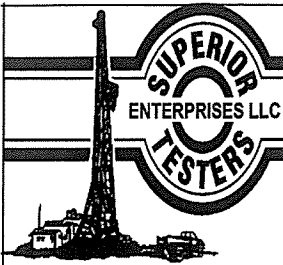
Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2013.01.18 @ 03:23:52









# DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

23-13s-33w

4924 South East 84th Street  
Newton, Kansas 67114

Stroll-Oliva #1

Job Ticket: 16951

DST#: 2

ATTN: Kevin Bailey

Test Start: 2013.01.18 @ 00:00:00

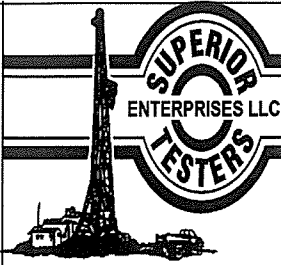
## Tool Information

Drill Pipe:	Length: 4080.00 ft	Diameter: 3.80 inches	Volume: 57.23 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 57.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4100.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	79.51 ft			
Tool Length:	108.51 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			4072.00	
Shut-In Tool	5.00			4077.00	
Hydroic Tool	5.00			4082.00	
Jars	6.00			4088.00	
Safety Joint	2.00			4090.00	
Packer	5.00			4095.00	29.00 Bottom Of Top Packer
Packer	5.00			4100.00	
Perforations	5.00			4105.00	
Change Over Sub	0.75			4105.75	
Drill Pipe	32.01			4137.76	
Change Over Sub	0.75			4138.51	
Perforations	36.00			4174.51	
Recorder	1.00	8524	Inside	4175.51	
Recorder	1.00	6839	Outside	4176.51	
Bullnose	3.00			4179.51	79.51 Bottom Packers & Anchor

**Total Tool Length: 108.51**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum Inc.

23-13s-33w

4924 South East 84th Street  
New ton ,Kansas 67114

Stroll-Oliva #1

Job Ticket: 16951

DST#: 2

ATTN: Kevin Bailey

Test Start: 2013.01.18 @ 00:00:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 70.00 sec/qt

Water Loss: 6.40 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 9000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	Drilling Mud	0.028

Total Length: 2.00 ft      Total Volume: 0.028 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

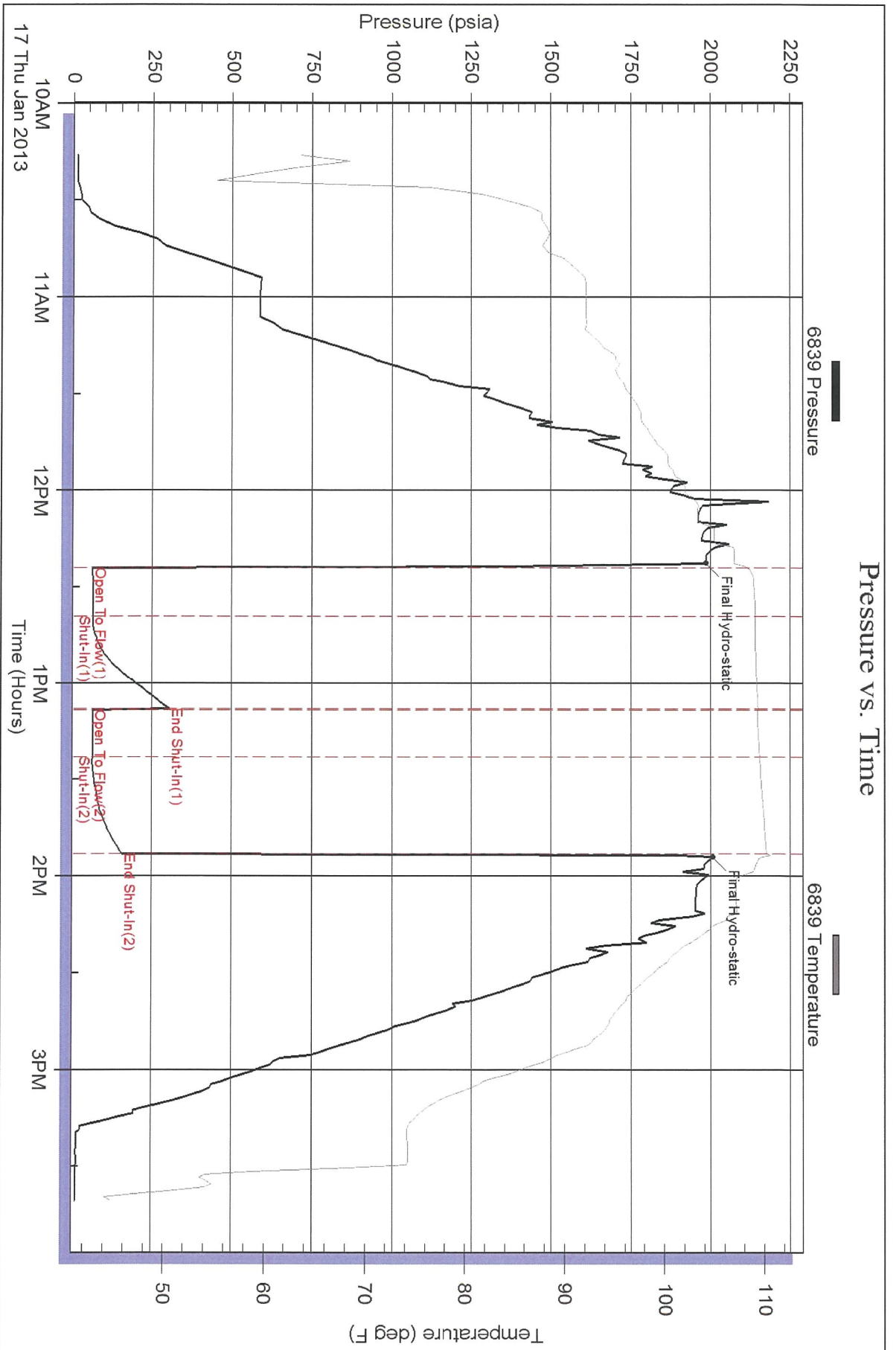
Recovery Comments:

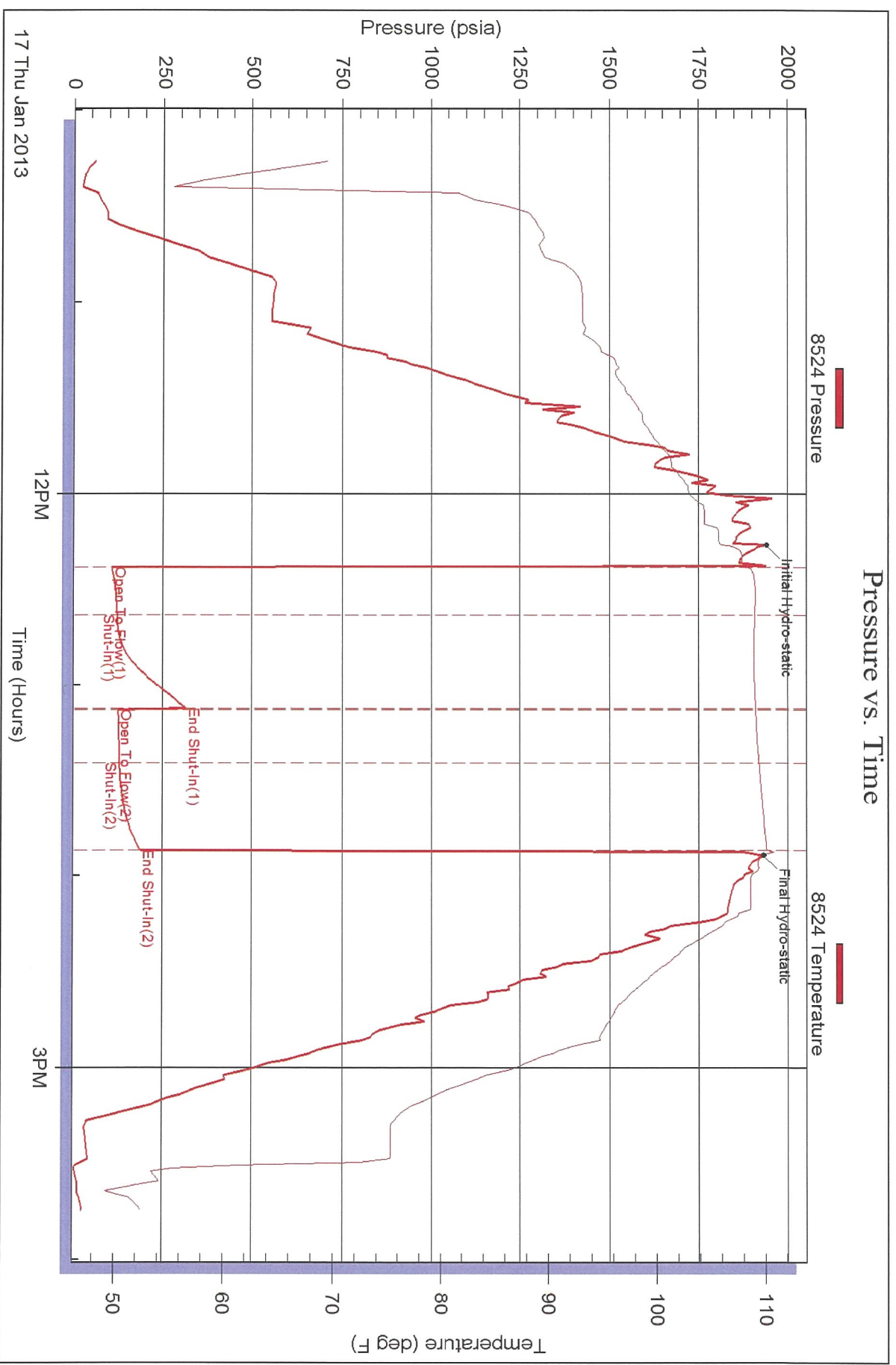
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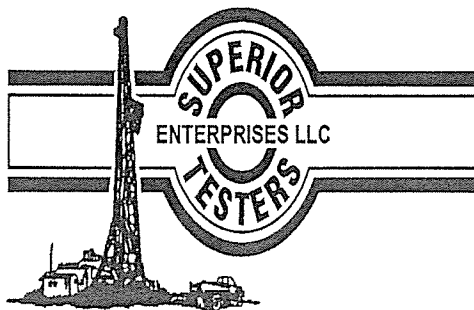
Outside Palomino Petroleum Inc.

Stroll-Oliva #1

DST Test Number: 2







## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 South East 84th Street  
Newton, Kansas 67114

ATTN: Kevin Bailey  
*Stoll-Oliva*  
~~Stoll-Oliva~~ #1

**23-13s-33w**

Start Date: 2013.01.18 @ 00:00:00

End Date: 2013.01.18 @ 00:00:00

Job Ticket #: 16952                      DST #: 3

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2013.01.21 @ 16:05:26

Palomino Petroleum Inc.

23-13s-33w

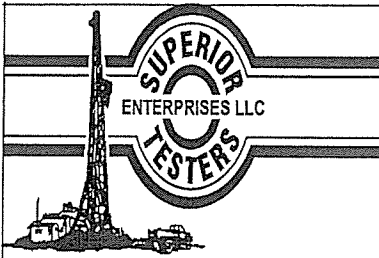
Stoll-Oliva #1

DST # 3

Kansas City "K"

2013.01.18





# DRILL STEM TEST REPORT

Palomino Petroleum Inc.  
 4924 South East 84th Street  
 Newton, Kansas 67114  
 ATTN: Kevin Bailey

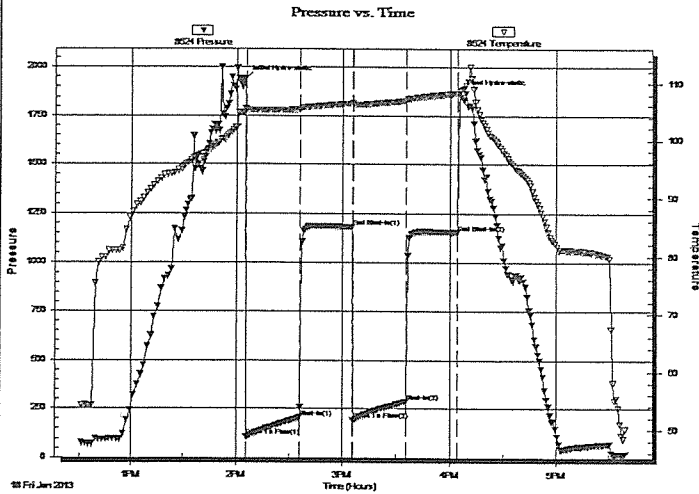
**23-13s-33w**  
**Stroll-Oliva #1**  
 Job Ticket: 16952 DST#: 3  
 Test Start: 2013.01.18 @ 00:00:00

## GENERAL INFORMATION:

Formation: Kansas City "K"  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:00:00  
 Time Test Ended: 00:00:00  
 Interval: 4150.00 ft (KB) To 4190.00 ft (KB) (TVD)  
 Total Depth: 4190.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gene Budig  
 Unit No: 3335  
 Reference Elevations: 2955.00 ft (KB)  
 2945.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8524** Inside  
 Press@RunDepth: 1152.70 psia @ 4186.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2013.01.18 End Date: 2013.01.18 Last Calib.: 2013.01.18  
 Start Time: 12:31:00 End Time: 17:40:00 Time On Btm: 2013.01.18 @ 14:05:00  
 Time Off Btm: 2013.01.18 @ 16:05:30

**TEST COMMENT:** 1st Opening 30 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 20 minutes  
 1st Shut-In 30 Minutes-No blow back  
 2nd Opening 30 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 20 minutes  
 2nd Shut-In 30 Minutes -w eak steady 1/2 inch blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1937.98	105.56	Initial Hydro-static
1	106.42	105.32	Open To Flow (1)
31	203.96	105.38	Shut-In(1)
61	1178.86	106.50	End Shut-In(1)
61	189.97	106.27	Open To Flow (2)
91	284.83	106.96	Shut-In(2)
120	1152.70	108.27	End Shut-In(2)
121	1865.92	108.57	Final Hydro-static

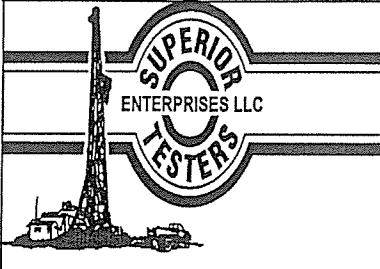
## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Gas in the pipe	0.84
5.00	Clean Oil	0.07
40.00	Slightly Oil and Gas cut Muddy Water	0.56
0.00	5%Gas 5%Oil 55%Mud 35%Water	0.00
60.00	Slightly oil and gasw cut muddy w ater	0.84
0.00	5%Gas 5%Oil 50%Mud 40%Water	0.00

## Gas Rates

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





# DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.  
 4924 South East 84th Street  
 Newton, Kansas 67114  
 ATTN: Kevin Bailey

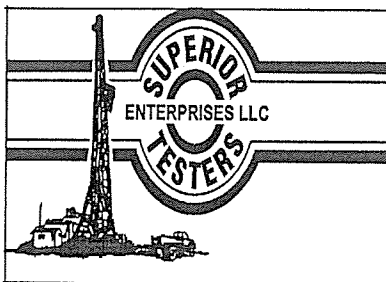
**23-13s-33w**  
**Stroll-Oliva #1**  
 Job Ticket: 16952      DST#: 3  
 Test Start: 2013.01.18 @ 00:00:00

### Tool Information

Drill Pipe:	Length: 4142.00 ft	Diameter: 3.80 inches	Volume: 58.10 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 58.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4150.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	69.00 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			4122.00	
Shut-In Tool	5.00			4127.00	
Hydroic Tool	5.00			4132.00	
Jars	6.00			4138.00	
Safety Joint	2.00			4140.00	
Packer	5.00			4145.00	29.00      Bottom Of Top Packer
Packer	5.00			4150.00	
Perforations	35.00			4185.00	
Recorder	1.00	8524	Inside	4186.00	
Recorder	1.00	6539	Outside	4187.00	
Bullnose	3.00			4190.00	40.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>69.00</b>				



# DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.  
 4924 South East 84th Street  
 Newton, Kansas 67114  
 ATTN: Kevin Bailey

**23-13s-33w**  
**Stroll-Oliva #1**  
 Job Ticket: 16952      DST#: 3  
 Test Start: 2013.01.18 @ 00:00:00

## 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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.39 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 7000.00 ppm			
Filter Cake: 1.00 inches			

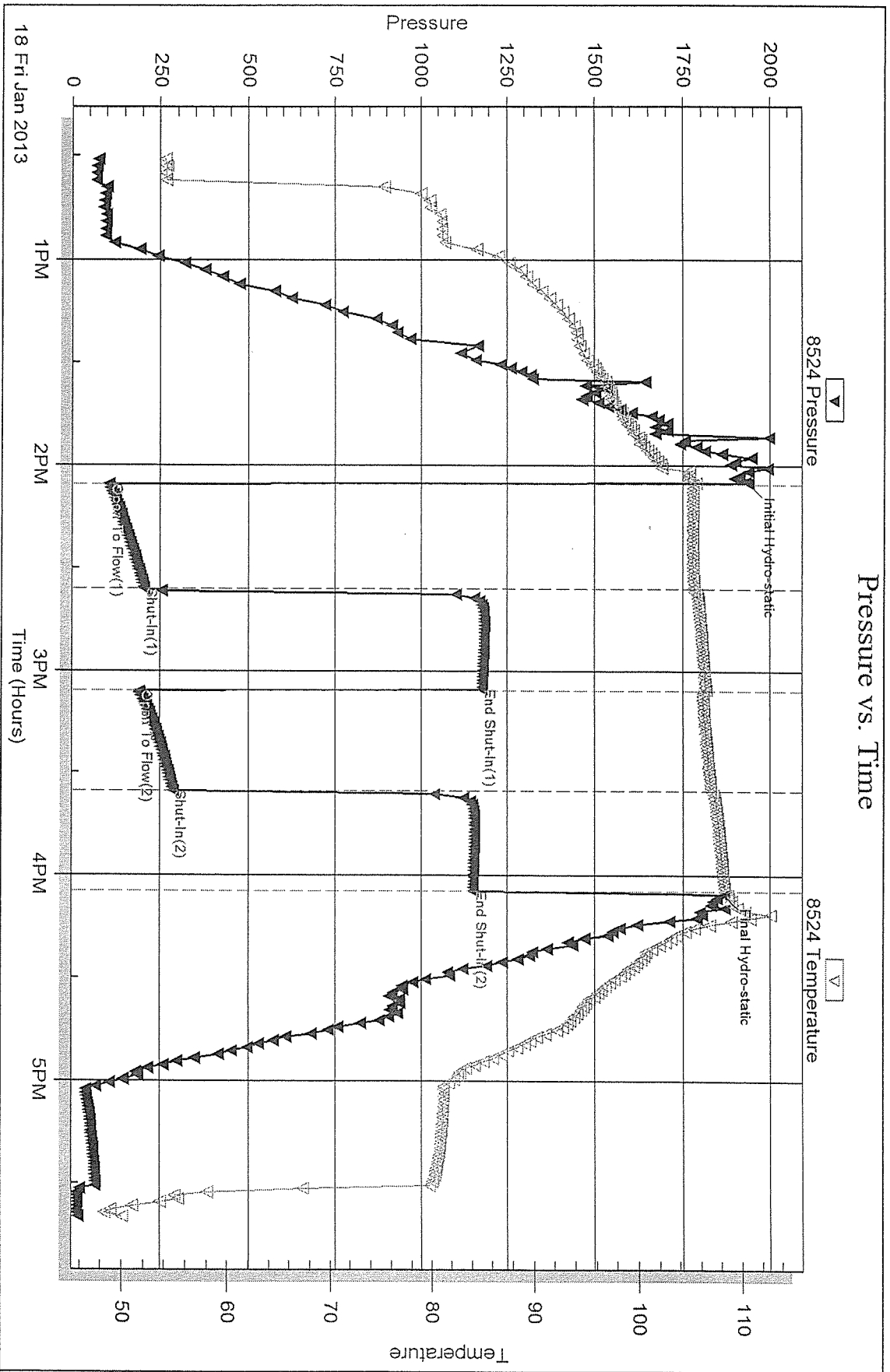
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Gas in the pipe	0.842
5.00	Clean Oil	0.070
40.00	Slightly Oil and Gas cut Muddy Water	0.561
0.00	5%Gas 5%Oil 55%Mud 35%Water	0.000
60.00	Slightly oil and gasw cut muddy w ater	0.842
0.00	5%Gas 5%Oil 50%Mud 40%Water	0.000
120.00	Muddy water w iht a show of oil and gas	1.683
0.00	5%Gas 1%Oil 15%Mud 78%Water	0.000
180.00	1%Gas 1%Oil 4%Mud 94%Wate0	2.525
0.00	Chlorides 36,000	0.000

Total Length: 465.00 ft      Total Volume: 6.523 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

# Pressure vs. Time

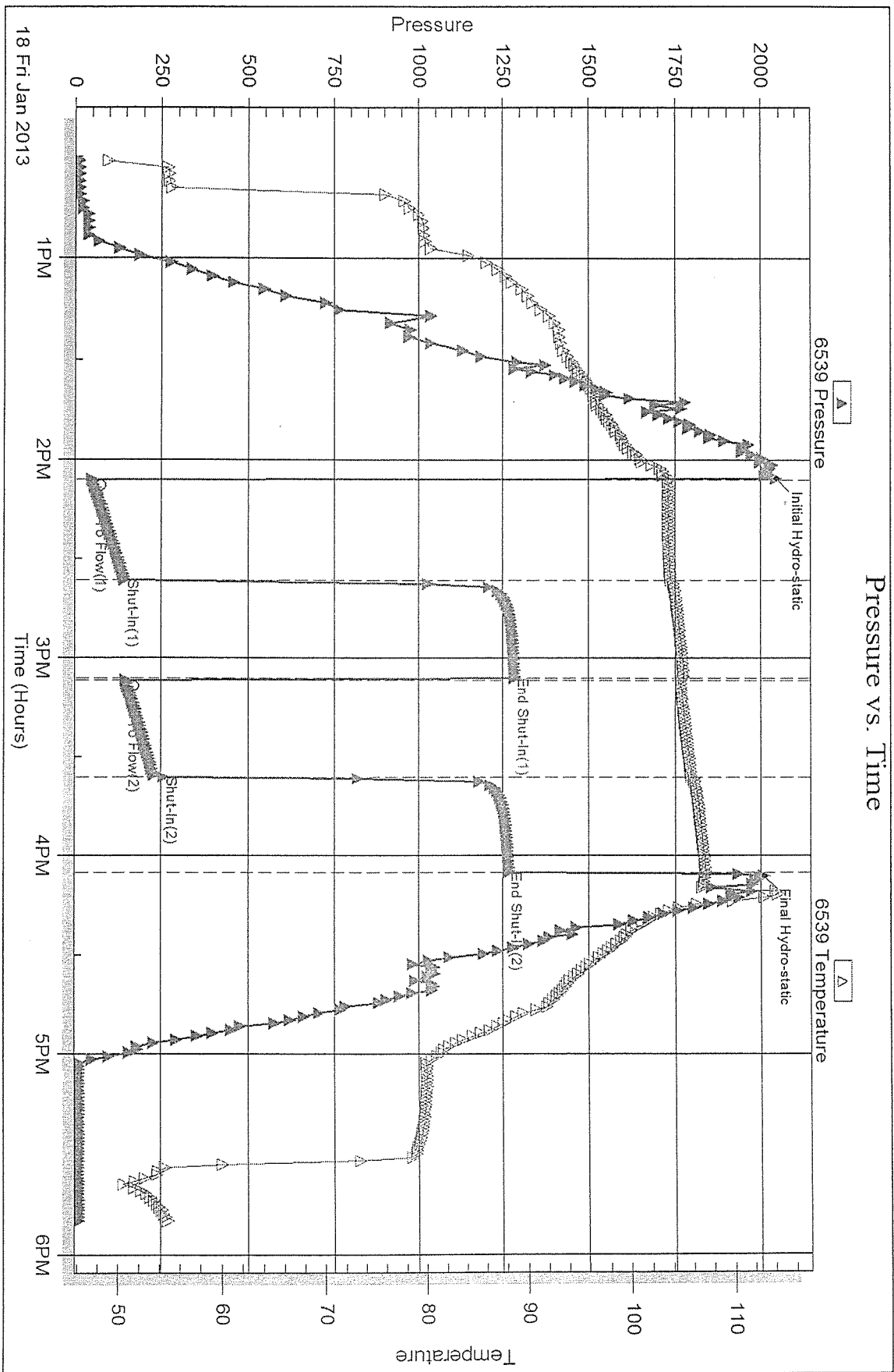


Serial #: 6539

Outside Palomino Petroleum Inc.

Stroll-Oliva #1

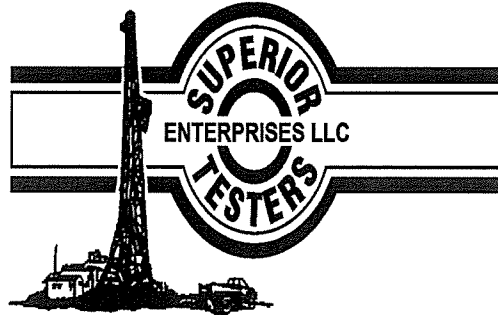
DST Test Number: 3



Superior Testers Enterprises LLC

Ref. No: 16952

Printed: 2013.01.21 @ 16:05:27



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 South East 84th Street  
Newton ,Kansas 67114

ATTN: Kevin Bailey

*Stoll-Oliva*  
~~Stroll-Oliva~~ #1

**23-13s-33w**

Start Date: 2013.01.20 @ 00:00:00

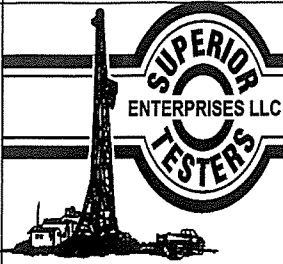
End Date: 2013.01.20 @ 00:00:00

Job Ticket #: 16953                      DST #: 4

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2013.01.20 @ 19:20:11





# DRILL STEM TEST REPORT

Palomino Petroleum Inc.  
 4924 South East 84th Street  
 Newton, Kansas 67114  
 ATTN: Kevin Bailey

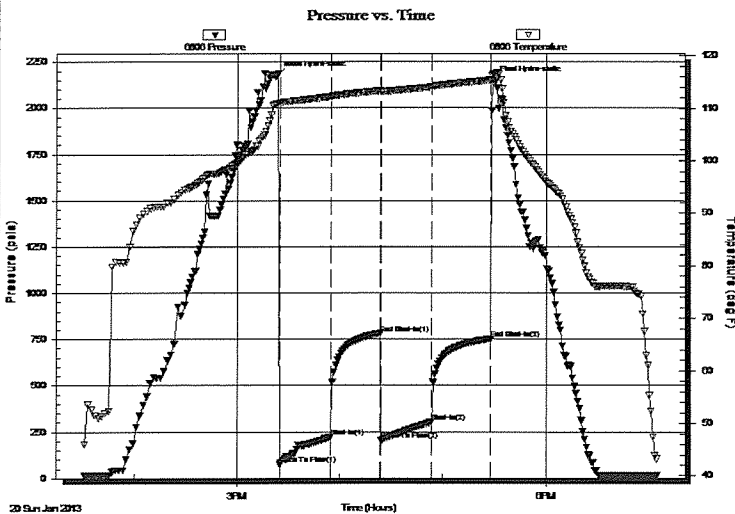
**23-13s-33w**  
**Stroll-Oliva #1**  
 Job Ticket: 16953 **DST#: 4**  
 Test Start: 2013.01.20 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:00:00  
 Time Test Ended: 00:00:00  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Gene Budig  
 Unit No: 3335  
 Interval: **4480.00 ft (KB) To 4525.00 ft (KB) (TVD)**  
 Total Depth: 4525.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Reference Elevations: 2955.00 ft (KB)  
 2945.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 6806 Inside**  
 Press@RunDepth: 750.93 psia @ 4521.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2013.01.20 End Date: 2013.01.20 Last Calib.: 2013.01.20  
 Start Time: 13:30:00 End Time: 19:05:00 Time On Btm: 2013.01.20 @ 15:22:30  
 Time Off Btm: 2013.01.20 @ 17:29:00

**TEST COMMENT:** 1st Opening 30 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 12 minutes  
 1st Shut-In 30 Minutes-No blow back  
 2nd Opening 30 Minutes=Fair blow built to the bottom of a 5 gallon bucket in 14 minutes  
 2nd Shut-In 30 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2173.81	110.84	Initial Hydro-static
2	72.64	111.08	Open To Flow (1)
32	221.64	112.20	Shut-In(1)
61	781.20	113.31	End Shut-In(1)
62	204.03	113.18	Open To Flow (2)
91	302.91	114.06	Shut-In(2)
126	750.93	115.38	End Shut-In(2)
127	2146.14	116.49	Final Hydro-static

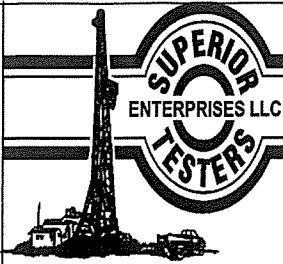
## Recovery

Length (ft)	Description	Volume (bbl)
120.00	Muddy Water 40%Mud 60%Water	1.68
120.00	Slightly muddy Water 10%Mud 90%Water	1.68
360.00	Water 1%Mud 99%Water	5.05
0.00	Chlorides 48,000	0.00

## Gas Rates

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





# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum Inc.  
 4924 South East 84th Street  
 Newton, Kansas 67114  
 ATTN: Kevin Bailey

**23-13s-33w**  
**Stroll-Oliva #1**  
 Job Ticket: 16953      **DST#: 4**  
 Test Start: 2013.01.20 @ 00:00:00

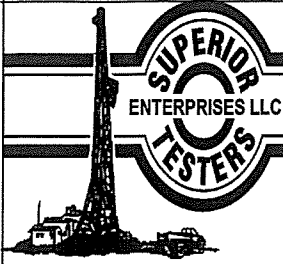
## Tool Information

Drill Pipe:	Length: 4454.00 ft	Diameter: 3.80 inches	Volume: 62.48 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 78000.00 lb
			<u>Total Volume: 62.48 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4480.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	74.00 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			4452.00	
Shut-In Tool	5.00			4457.00	
Hydroic Tool	5.00			4462.00	
Jars	6.00			4468.00	
Safety Joint	2.00			4470.00	
Packer	5.00			4475.00	29.00      Bottom Of Top Packer
Packer	5.00			4480.00	
Perforations	40.00			4520.00	
Recorder	1.00	6806	Inside	4521.00	
Recorder	1.00	6839	Outside	4522.00	
Bullnose	3.00			4525.00	45.00      Bottom Packers & Anchor

**Total Tool Length: 74.00**



# DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

23-13s-33w

4924 South East 84th Street  
New ton ,Kansas 67114

Stroll-Oliva #1

Job Ticket: 16953

DST#: 4

ATTN: Kevin Bailey

Test Start: 2013.01.20 @ 00:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 4.60 in<sup>3</sup>

Resistivity: ohm.m

Salinity: ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API: deg API

Water Salinity: ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Muddy Water 40%Mud 60%Water	1.683
120.00	Slightly muddy Water 10%Mud 90%Water	1.683
360.00	Water 1%Mud 99%Water	5.050
0.00	Chlorides 48,000	0.000

Total Length: 600.00 ft      Total Volume: 8.416 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

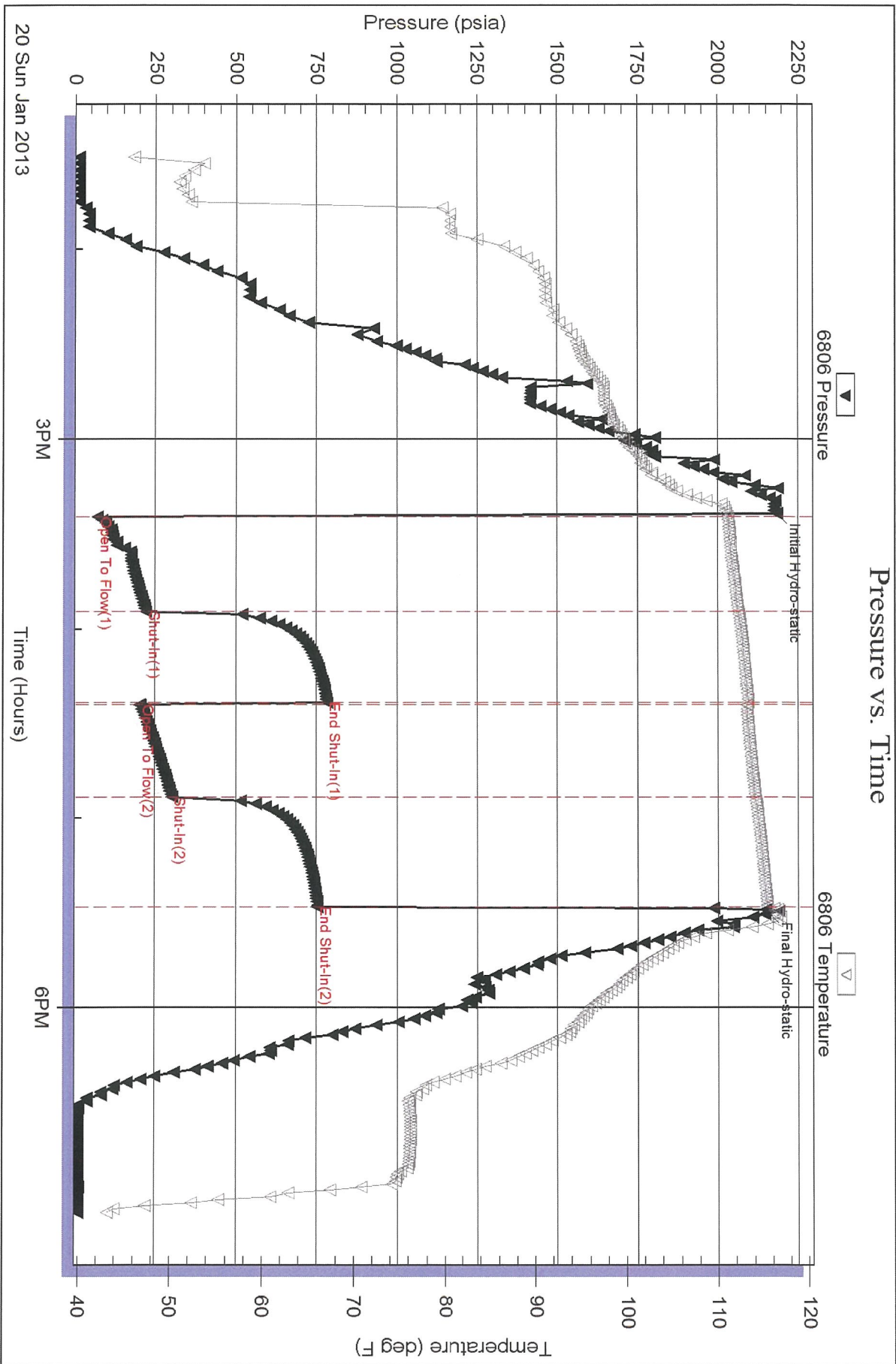
Serial #: 6806

Inside

Palomino Petroleum Inc.

Stroll-Oliva #1

DST Test Number: 4



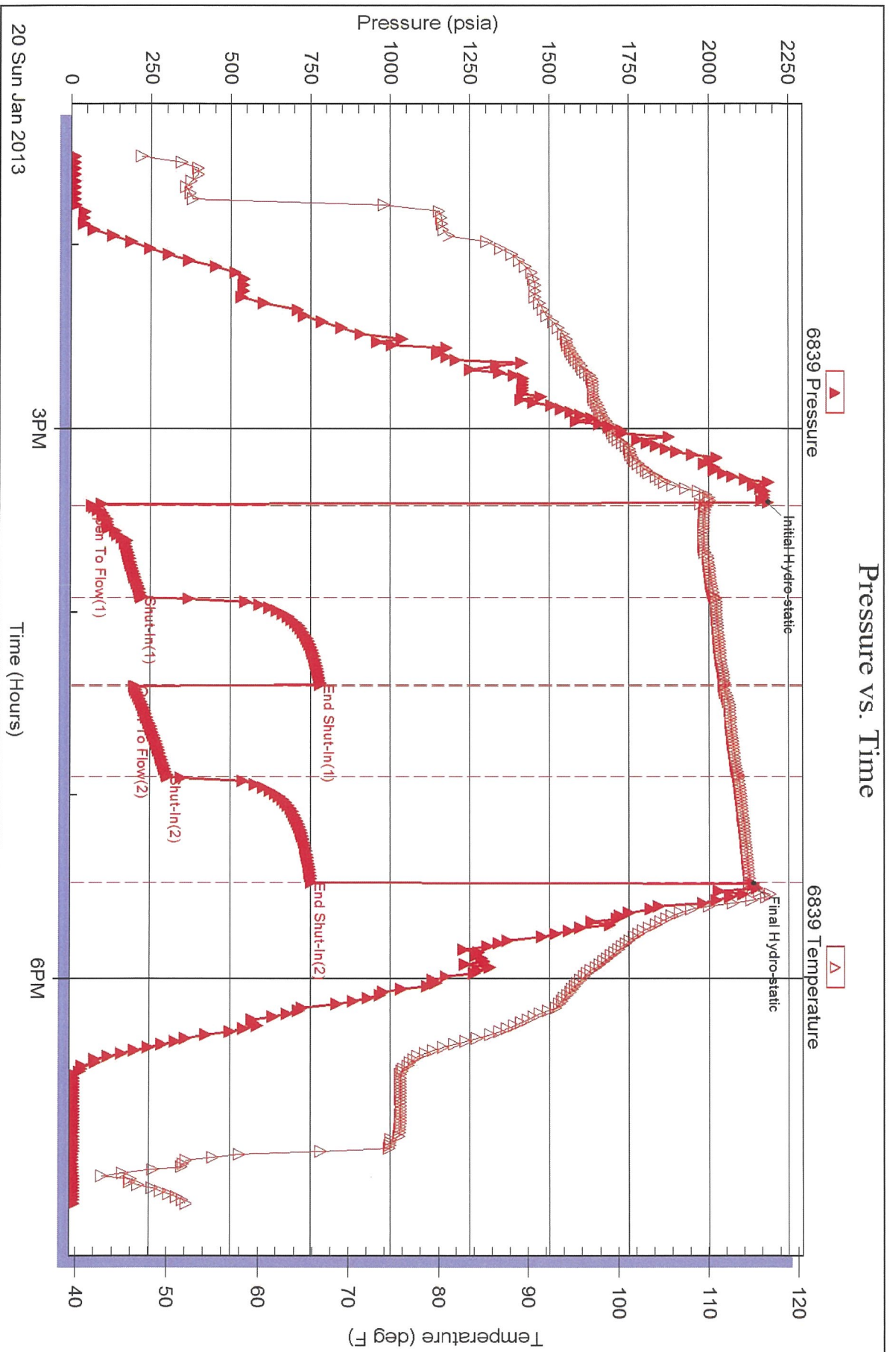
Serial #: 6839

Outside

Palomino Petroleum Inc.

Stroll-Oliva #1

DST Test Number: 4



Superior Testers Enterprises LLC

Ref. No: 16953

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