



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1259864  
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: \_\_\_\_\_



1259864

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Harold Michaelis Family Trust 2
Doc ID	1259864

Tops

Name	Top	Datum
Anhy.	2552	(+723)
Base Anhy.	2573	(+702)
Heebner	4015	(-740)
Toronto	4035	(-760)
Lansing	4066	(-791)
Muncie Creek	4230	(-955)
Stark	4330	(-1055)
Hushpuckney	4370	(-1095)
BKC	4405	(-1130)
Marmaton	4450	(-1175)
LTD	4948	(-1673)



**CONSOLIDATED**  
Oil Well Services, LLC

REMIT TO  
Consolidated Oil Well Services, LLC  
Dept:970  
P.O.Box 4346  
Houston, TX 77210-4346

RECEIVED

MAIN OFFICE

JUL 07 2015

P.O.Box884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

804777

Invoice Date: 06/30/15

Terms: Net 30

Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET  
NEWTON KS 67114-8827  
USA

HAROLD MICHAELIS FAMILY  
TRUST 2

Tax: 205.49

Total: 4,389.68



3346  
3284

TICKET NUMBER 47978  
LOCATION Oakley ks  
FOREMAN Cory Davis

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

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

Invoice # 804777

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
6/29/15	6285	Harold Michaelis Family trust 2	19	15	35 W	Logan	
CUSTOMER <u>Palomino</u>		South to school RD W to Dard and S to Elk follow curve to RD 22 and Dakota RD S on 22 K into					
MAILING ADDRESS							
CITY	STATE						ZIP CODE
TRUCK #							DRIVER
		731	Jeremy	4hrs			
		693	Colin	5 hrs			
		522					
		640					

JOB TYPE Surface HOLE SIZE 12 1/2 HOLE DEPTH 221 CASING SIZE & WEIGHT 8 5/8 23#  
 CASING DEPTH 221 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT 12.86 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Softty meeting Rig upon w/2-Run casing - Break circulation with rig pump Hook up to pump truck mix 165 class A 3% CC 2% gel washup and Displace 12 3/4 BBL water shot in rig down

Cement Did Circ.

AProt 5 BBL to pit

Thanks Cory D. & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1150.00	1,150.00
5406	45	MILEAGE	5.25	236.25
5407A	7.76	Ten mileage Delivery	1.15	611.10
1104 S	165 sks	Class A cement	18.55	3,010.75
1118 B	310 #	Bentonite (gel)	.27	83.70
1102	465 #	Calcium Chloride	.94	437.10
			sub total	5,578.90
			25% less	1,394.73
			sub total	4,184.19
			SALES TAX	205.49
			ESTIMATED TOTAL	4,389.68

Ravin 3737

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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



REMIT TO  
 Consolidated Oil Well Services, LLC  
 Dept:970  
 P.O.Box 4346  
 Houston, TX 77210-4346

RECEIVED

JUL 11 2015

MAIN OFFICE

P.O.Box884  
 Chanute, KS 66720  
 620/431-9210, 1-800/467-8676  
 Fax 620/431-0012

Invoice # 804877

Invoice Date: 07/08/15      Terms: Net 30      Page 1

PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET  
 NEWTON KS 67114-8827  
 USA

HAROLD MICHAELS TRUST #2

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	33.000	1,005.00
CE0002	Equipment Mileage Charge - Heavy Equipment	45.000	7.1500	33.000	215.57
CE0710	Cement Delivery Charge	1.000	812.7000	33.000	544.51
CC5829	Lite-Weight Blend V (60:40:4)	240.000	16.0000	33.000	2,572.80
CC6075	Celloflake	60.000	2.0000	33.000	80.40
Subtotal					6,594.45
Discounted Amount					2,176.17
SubTotal After Discount					4,418.28

Amount Due 6,911.25 If paid after 08/07/15

Tax: 212.26  
 Total: 4,630.54



**CONSOLIDATED**  
Oil Well Services, LLC

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

3436  
3357

TICKET NUMBER 49464  
LOCATION Oakley, KS  
FOREMAN Kelly Gaber

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

INVOICE # 804877 KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-8-15	6285	Harold Michaels Trust #2	19	15S	35W	Logan
CUSTOMER <u>Dalmino</u>			OAKLEY SUCROLDRA			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			445	Kody	35W	
STATE			515	colin	35W	
ZIP CODE			640			
			1 1/2 S			
			5 W			
			1 S W TO			
			Rd 220			
			1/2 S into			

JOB TYPE RTA HOLE SIZE 2 7/8 HOLE DEPTH 4960 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

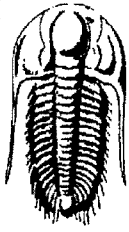
REMARKS: safety meeting, rigged up on wto #2, mixed cement  
Plugs & displaced as ordered  
50 @ 2575  
100 @ 1450  
50 @ 270  
10 @ 40  
30 RH

*Thank You  
Kelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	1500.00
CE0002	45	MILEAGE	7.15	321.75
CE0710	10.32	Ten mileage delivery	1.75	812.70
CC5829	240 SKS	Lite weight Blend V (60/40 Por)	16.00	3840.00
CC5965	825 #	6el	1.30	247.50
CC6075	60 #	celloflake	2.00	120.00
Subtotal: 6594.45				
less 30% disc: 2176.17				
Total: 4418.28				
tax 212.26				
4630.54				
Sub			3390	2257.89
total				41584.10
SALES TAX				212.26
ESTIMATED TOTAL				4196.36

AUTHORIZATION [Signature] TITLE \_\_\_\_\_ DATE 7-8-15

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum, Inc

19 15s 35w Logan, Ks

4924 SE 84th St  
New ton, Ks 67114

HaroldMichaelisTrst2

ATTN: John Goldsmith

Job Ticket: 61803

DST#: 2

Test Start: 2015.07.05 @ 20:08:00

## GENERAL INFORMATION:

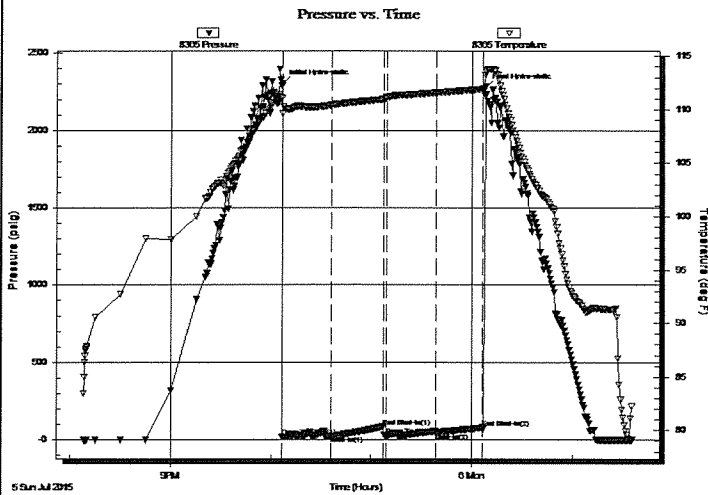
Formation: **Altamont**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 22:06:45  
 Tester: Bradley Walter  
 Time Test Ended: 01:35:30  
 Unit No: 69  
 Interval: **4453.00 ft (KB) To 4534.00 ft (KB) (TVD)**  
 Reference Elevations: 3275.00 ft (KB)  
 Total Depth: 4534.00 ft (KB) (TVD)  
 3270.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 KB to GR/CF: 5.00 ft

## Serial #: 8365

Inside

Press@RunDepth: 46.02 psig @ 4454.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.07.05 End Date: 2015.07.06 Last Calib.: 2015.07.06  
 Start Time: 20:08:05 End Time: 01:35:29 Time On Btm: 2015.07.05 @ 22:06:30  
 Time Off Btm: 2015.07.06 @ 00:08:00

TEST COMMENT: IF: Surface blow, died @ 20 min.  
 IS: No return.  
 FF: No blow.  
 FSI: No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2303.24	111.06	Initial Hydro-static
1	18.73	109.64	Open To Flow (1)
30	22.02	110.41	Shut-In(1)
61	83.38	110.95	End Shut-In(1)
63	25.46	111.10	Open To Flow (2)
93	46.02	111.57	Shut-In(2)
120	77.66	111.92	End Shut-In(2)
122	2280.92	113.46	Final Hydro-static

## Recovery

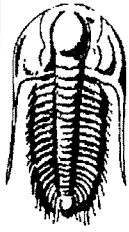
Length (ft)	Description	Volume (bbl)
10.00	mud 100m (oil spots)	0.05

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum, Inc

**19 15s 35w Logan, Ks**

4924 SE 84th St  
New ton, Ks 67114

**HaroldMichaelisTrst2**

Job Ticket: 61803

**DST#: 2**

ATTN: John Goldsmith

Test Start: 2015.07.05 @ 20:08:00

## 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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100m (oil spots)	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

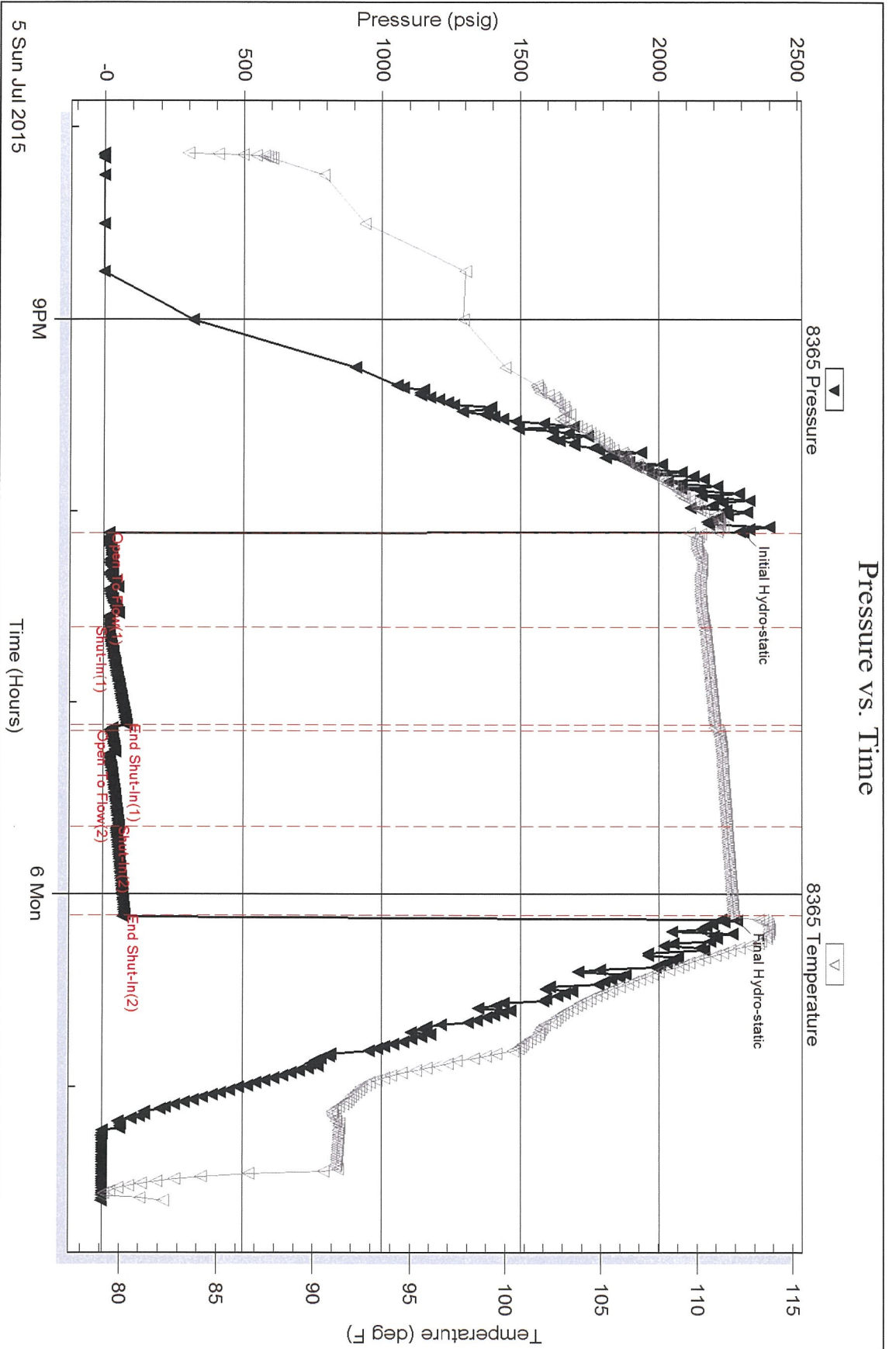
Serial #: 8365

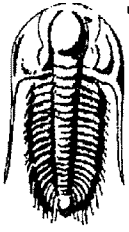
Inside

Palomino Petroleum, Inc

HaroldMichaelis Trs12

DST Test Number: 2





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum, Inc

**19 15s 35w Logan, Ks**

4924 SE 84th St  
New ton, Ks 67114

**HaroldMichaelisTrst2**

ATTN: John Goldsmith

Job Ticket: 61802

**DST#: 1**

Test Start: 2015.07.04 @ 14:15:00

## GENERAL INFORMATION:

Formation: **LKC - H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:18:15

Time Test Ended: 20:21:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: **4222.00 ft (KB) To 4298.00 ft (KB) (TVD)**

Reference Elevations: 3275.00 ft (KB)

Total Depth: 4298.00 ft (KB) (TVD)

3270.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

## Serial #: 8365

Inside

Press@RunDepth: 525.88 psig @ 4223.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.04

End Date:

2015.07.04

Last Calib.:

2015.07.04

Start Time: 14:15:05

End Time:

20:21:29

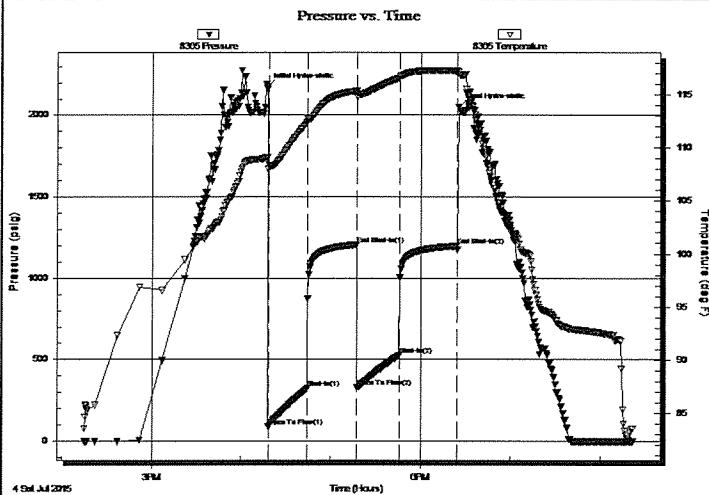
Time On Btm:

2015.07.04 @ 16:17:30

Time Off Btm:

2015.07.04 @ 18:25:15

TEST COMMENT: IF: BOB @ 6 min.  
IS: No return.  
FF: BOB @ 5 min.  
FS: No return.



## PRESSURE SUMMARY

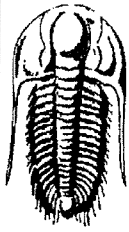
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2174.10	109.12	Initial Hydro-static
1	87.81	107.98	Open To Flow (1)
27	324.98	112.42	Shut-In(1)
60	1205.81	115.31	End Shut-In(1)
61	331.85	114.76	Open To Flow (2)
89	525.88	116.56	Shut-In(2)
127	1198.42	117.21	End Shut-In(2)
128	2048.68	117.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1010.00	mcw 5m 95w (oil specs)	13.07

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Palomino Petroleum, Inc

**19 15s 35w Logan, Ks**

4924 SE 84th St  
New ton, Ks 67114

**HaroldMichaelisTrst2**

Job Ticket: 61802

**DST#: 1**

ATTN: John Goldsmith

Test Start: 2015.07.04 @ 14:15:00

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

42000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5400.00 ppm

Filter Cake: 2.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
1010.00	mcw 5m 95w (oil specs )	13.065

Total Length: 1010.00 ft      Total Volume: 13.065 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .16 @ 80 = 42000ppm

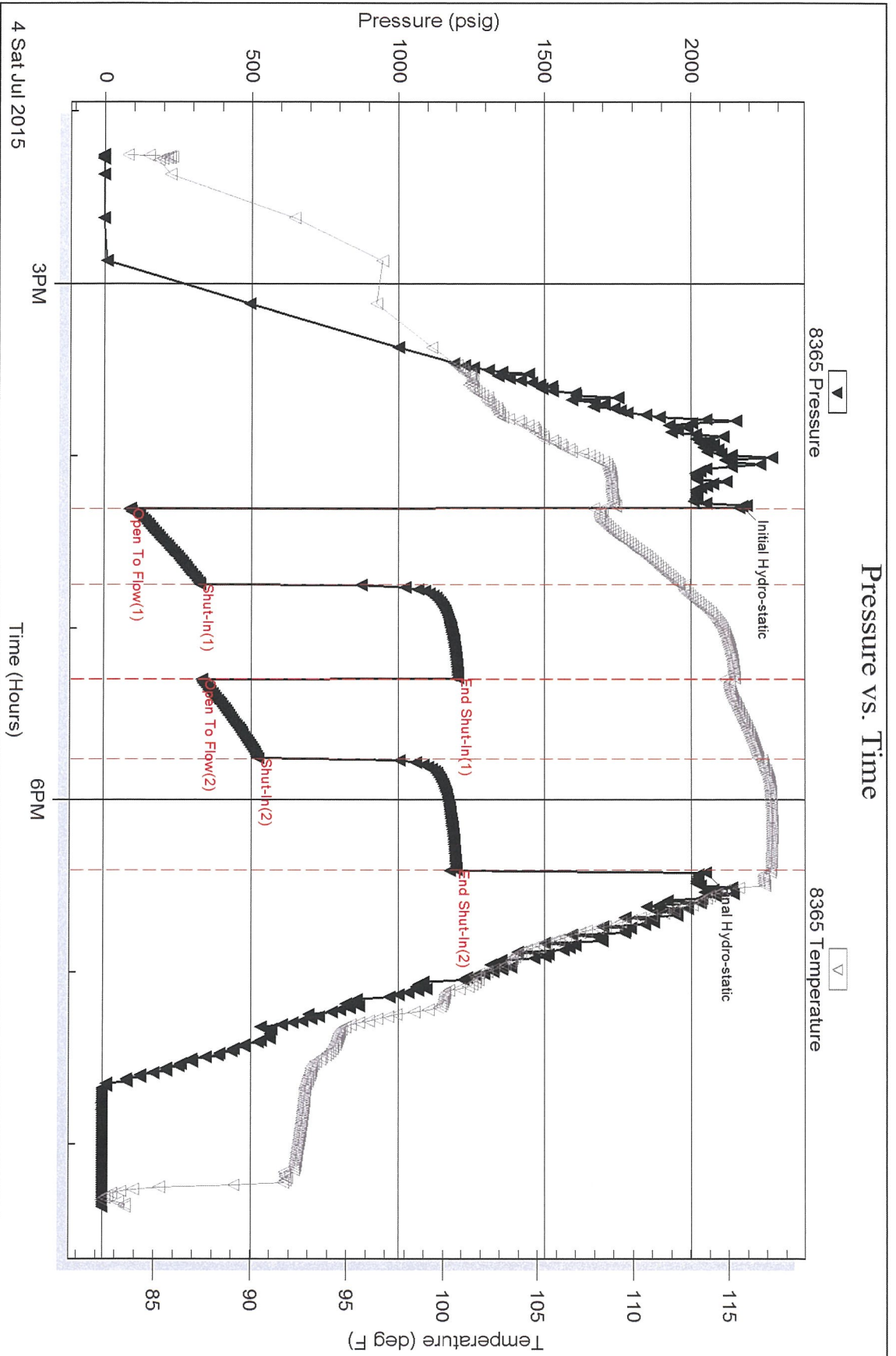
Serial #: 8365

Inside

Palomino Petroleum, Inc

HaroldMichaelis Trst2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 61802

Printed: 2015.07.04 @ 22:47:19