



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1166544
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
-----------------------------------	-----------------	---

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: _____

1166544

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

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"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Jarvis Heirs 2
Doc ID	1166544

Tops

Name	Top	Datum
Anhy.	1856	(+ 656)
Base Anhy.	1886	(+ 626)
Heebner	3859	(-1347)
Lansing	3900	(-1388)
BKC	4193	(-1681)
Pawnee	4318	(-1806)
Ft. Scott	4395	(-1883)
Cher. Sh.	4422	(-1910)
Miss.	4503	(-1991)
LTD	4595	(-2083)

AUG 17 2013



PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 137890

Invoice Date: Aug 8, 2013

Page: 1

Bill To:

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Palo	60600	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Aug 8, 2013	9/7/13

Quantity	Item	Description	Unit Price	Amount
		Jarvis Heirs #2		
180.00	CEMENT MATERIALS	Class A Common	17.90	3,222.00
120.00	CEMENT MATERIALS	Pozmix	9.35	1,122.00
10.00	CEMENT MATERIALS	Gel	23.40	234.00
75.00	CEMENT MATERIALS	Flo Seal	2.97	222.75
321.67	CEMENT SERVICE	Cubic Feet	2.48	797.74
295.62	CEMENT SERVICE	Ton Mileage	2.60	768.63
1.00	CEMENT SERVICE	Rotary Plug	2,249.84	2,249.84
22.00	CEMENT SERVICE	Pump Truck Mileage	7.70	169.40
22.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	96.80
1.00	CEMENT SUPERVISOR	Joshua Isaac		
1.00	EQUIPMENT OPERATOR	Mike Scothorn		
1.00	OPERATOR ASSISTANT	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

\$ 2,220.79

ONLY IF PAID ON OR BEFORE
Sep 2, 2013

Subtotal	8,883.16
Sales Tax	546.31
Total Invoice Amount	9,429.47
Payment/Credit Applied	
TOTAL	9,429.47

ALLIED OIL & GAS SERVICES, LLC 060600

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Greensboro

DATE <u>8-8-13</u>	SEC. <u>6</u>	TWP. <u>17</u>	RANGE <u>24</u>	CALLED OUT	ON LOCATION	JOB START <u>3 AM</u>	JOB FINISH <u>2 AM</u>
LEASE <u>Jarvis Hill</u>		WELL # <u>2</u>		LOCATION <u>Arnold 1W 2S Einto</u>		COUNTY <u>WYLS</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Pickard Drilling #1

TYPE OF JOB Rotary Plug

HOLE SIZE 12 1/2 T.D.

CASING SIZE 8 7/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 1920

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. All

PERFS.

DISPLACEMENT Freshwater

OWNER

CEMENT AMOUNT ORDERED 300SK 60/40 4% gel
1/4 Flo

COMMON	<u>180</u>	@	<u>17.90</u>	<u>3222.00</u>
POZMIX	<u>120</u>	@	<u>9.35</u>	<u>1122.00</u>
GEL	<u>10</u>	@	<u>23.40</u>	<u>234.00</u>
CHLORIDE		@		
ASC		@		
<u>Flo Seal</u>		@		
<u>75# 35#</u>		@	<u>2.976</u>	<u>222.75</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>321.07</u>	@	<u>2.48</u>	<u>797.75</u>
MILEAGE	<u>13.4375 x 22</u>	@	<u>2.60</u>	<u>768.68</u>
TOTAL				<u>6367.12</u>

EQUIPMENT

PUMP TRUCK CEMENTER Josh Isaac

398 HELPER Mike Scothorn

BULK TRUCK

610-112 DRIVER Kevin Werzhorn

BULK TRUCK

DRIVER

REMARKS:

Relocation Rig up, had safety meeting

Run Drill pipe, fill backside with Reg mud

#1 - 1920 ft - 56SK -

#2 - 1120 - 80 - MH - 30SK -

#3 - 600 - 50 - MH - 20 -

#4 - 250 - 50 -

#5 - 60 - 20

plug down - Rig down

SERVICE

DEPTH OF JOB	<u>1920</u>			
PUMP TRUCK CHARGE				<u>2249.84</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>HVM 22</u>	@	<u>7.70</u>	<u>169.40</u>
MANIFOLD		@		
	<u>LVM 22</u>	@	<u>4.40</u>	<u>96.80</u>
		@		

TOTAL 2510.04

CHARGE TO: Palomares Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

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 8888.16

DISCOUNT - 2220.79 IF PAID IN 30 DAYS

\$ 6,667.37

PRINTED NAME Mike Roth

SIGNATURE x-Mike Roth

Thank you!!



RECEIVED

AUG 17 2013

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 137791

Invoice Date: Aug 2, 2013

Page: 1

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

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

Now Includes:



Customer ID	Field Ticket #	Payment Terms	
Palo	61737	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Aug 2, 2013	9/1/13

Quantity	Item	Description	Unit Price	Amount
150.00	CEMENT MATERIALS	Jarvis Heins #2		
		Class A Common	17.90	2,685.00
3.00	CEMENT MATERIALS	Gel	23.40	70.20
5.00	CEMENT MATERIALS	Chloride	64.00	320.00
162.09	CEMENT SERVICE	Cubic Feet	2.48	401.98
162.80	CEMENT SERVICE	Ton Mileage	2.60	423.28
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
22.00	CEMENT SERVICE	Pump Truck Mileage	7.70	169.40
22.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	96.80
1.00	CEMENT SUPERVISOR	Tim Dickson		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	OPERATOR ASSISTANT	Daniel Casper		

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

\$ 1,419.73

ONLY IF PAID ON OR BEFORE
Aug 27, 2013

Subtotal	5,678.91
Sales Tax	189.12
Total Invoice Amount	5,868.03
Payment/Credit Applied	
TOTAL	5,868.03

ALLIED OIL & GAS SERVICE, LLC 061737

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
McBride K

DATE <u>8-2-13</u>	SEC. <u>6</u>	TWP. <u>17</u>	RANGE <u>24</u>	CALLED OUT <u>12:45AM</u>	ON LOCATION <u>3:45AM</u>	JOB START <u>5:00AM</u>	JOB FINISH <u>5:30AM</u>
LEASE <u>Jarvis Helms</u>		WELL # <u>2</u>	LOCATION <u>Arnold 1E, 2S, E 1/4</u>		COUNTY <u>Wich</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Richard OWNER Same

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 225' CEMENT AMOUNT ORDERED 150 class A 350cc

CASING SIZE 8 1/4 DEPTH 222' 250ml

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Tom Dickson

224 HELPER Kevin Eddy

BULK TRUCK

610-112 DRIVER Don Cooper

BULK TRUCK

DRIVER

COMMON 150 @ 17.90 2685.00

POZMIX @

GEL 3 @ 23.40 70.20

CHLORIDE 5 @ 64.00 320.00

ASC @

HANDLING 162.09 @ 2.48 402.98

MILEAGE 7.48 22 @ 2.60 423.28

TOTAL 3900.46

REMARKS:

Ran 222' of 8 1/4 on Bore case
Mixed 150lb class A 350cc
250ml. Displaced with fresh H₂O.

Cement did circulate

1 Hank
3

CHARGE TO: Palomares

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 222'

PUMP TRUCK CHARGE 1512.25

EXTRA FOOTAGE @

MILEAGE HVM 22 @ 7.70 169.40

MANIFOLD LVM 22 @ 4.40 96.80

TOTAL 1778.46

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.

PRINTED NAME X Mike Kern

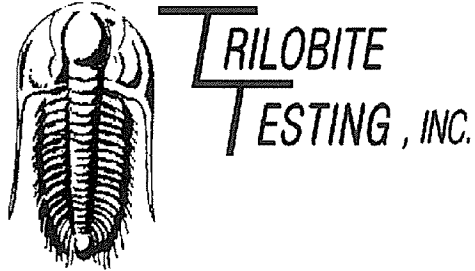
SIGNATURE X Mike Kern

SALES TAX (If Any) _____

TOTAL CHARGES 5,678.91

DISCOUNT -1419.73 IF PAID IN 30 DAYS

\$4,259.18



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114-8827

ATTN: Klee Watchous

Jarvis Heirs #2

6-17s-24w Ness,KS

Start Date: 2013.08.08 @ 07:30:51

End Date: 2013.08.08 @ 13:39:30

Job Ticket #: 54267 DST #: 1

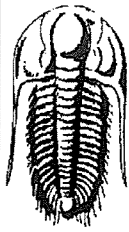
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.08.09 @ 09:31:00

Palomino Petroleum Inc 6-17s-24w Ness,KS Jarvis Heirs #2 DST # 1 Ft Scott 2013.08.08



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

6-17s-24w Ness,KS

Jarvis Heirs #2

Job Ticket: 54267

DST#: 1

Test Start: 2013.08.08 @ 07:30:51

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:36:46

Time Test Ended: 13:39:30

Test Type: Conventional Straddle (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: **4380.00 ft (KB) To 4436.00 ft (KB) (TVD)**

Total Depth: 4595.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2512.00 ft (KB)

2502.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8369

Inside

Press@RunDepth: 32.62 psig @ 4394.00 ft (KB)

Start Date: 2013.08.08

End Date:

2013.08.08

Capacity: 8000.00 psig

Last Calib.:

2013.08.08

Start Time: 07:30:51

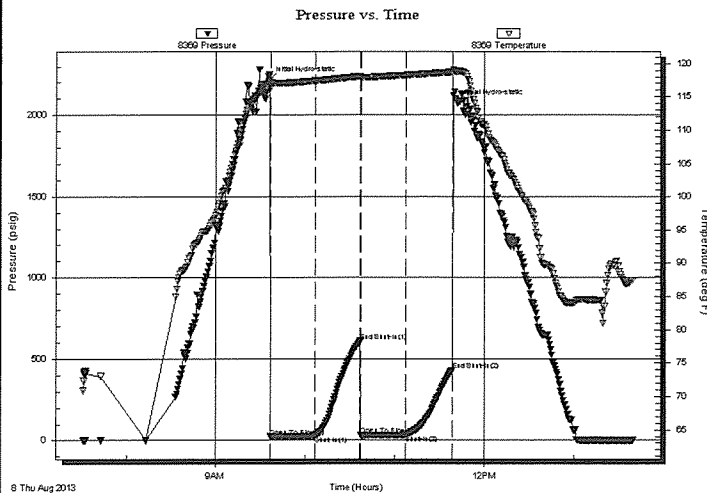
End Time:

13:39:30

Time On Btm: 2013.08.08 @ 09:35:46

Time Off Btm: 2013.08.08 @ 11:42:01

TEST COMMENT: 30-IFP-w k bl 1/8" to 1/4" bl
30-ISIP-no bl
FFP-surface bl bk
FSIP-no bl



PRESSURE SUMMARY

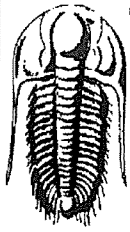
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.40	117.30	Initial Hydro-static
1	23.01	116.43	Open To Flow (1)
31	28.85	117.43	Shut-In(1)
62	608.74	118.08	End Shut-In(1)
62	30.39	117.83	Open To Flow (2)
92	32.62	118.28	Shut-In(2)
123	430.01	118.75	End Shut-In(2)
127	2073.21	118.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w/show of oil	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

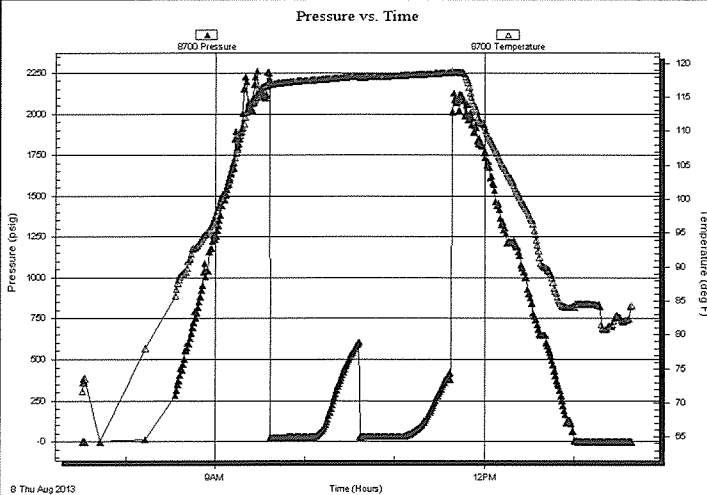
6-17s-24w Ness,KS
Jarvis Heirs #2
Job Ticket: 54267 **DST#: 1**
Test Start: 2013.08.08 @ 07:30:51

GENERAL INFORMATION:

Formation: **Ft Scott**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:36:46 Test Type: Conventional Straddle (Initial)
 Time Test Ended: 13:39:30 Tester: Ray Schwager
 Unit No: 70
 Interval: **4380.00 ft (KB) To 4436.00 ft (KB) (TVD)** Reference Elevations: 2512.00 ft (KB)
 Total Depth: 4595.00 ft (KB) (TVD) 2502.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8700 Outside
 Press@RunDepth: psig @ 4394.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.08.08 End Date: 2013.08.08 Last Calib.: 2013.08.08
 Start Time: 07:31:03 End Time: 13:38:27 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IFP-w k bl 1/8" to 1/4" bl
 30-ISIP-no bl
 FFP-surface bl bk
 FSIP-no bl



PRESSURE SUMMARY

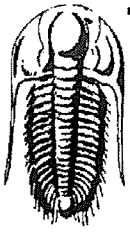
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w/show of oil	0.10

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

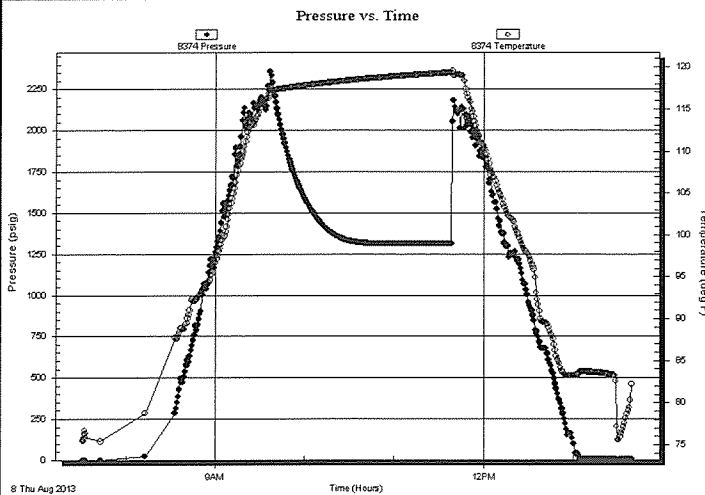
6-17s-24w Ness,KS
Jarvis Heirs #2
Job Ticket: 54267 **DST#: 1**
Test Start: 2013.08.08 @ 07:30:51

GENERAL INFORMATION:

Formation: **Ft Scott**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:36:46
Time Test Ended: 13:39:30
Interval: **4380.00 ft (KB) To 4436.00 ft (KB) (TVD)**
Total Depth: 4595.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle (Initial)
Tester: Ray Schwager
Unit No: 70
Reference Elevations: 2512.00 ft (KB)
2502.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8374 Below (Straddle)
Press@RunDepth: psig @ 4470.00 ft (KB)
Start Date: 2013.08.08 End Date: 2013.08.08 Capacity: 8000.00 psig
Start Time: 07:30:56 End Time: 13:39:50 Last Calib.: 2013.08.08
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IFP-w k bl 1/8" to 1/4" bl
30-ISIP-no bl
FFP-surface bl bk
FSIP-no bl



PRESSURE SUMMARY

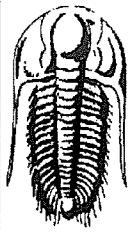
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w/show of oil	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

6-17s-24w Ness,KS
Jarvis Heirs #2
Job Ticket: 54267 DST#: 1
Test Start: 2013.08.08 @ 07:30:51

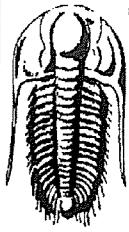
Tool Information

Drill Pipe:	Length: 4122.00 ft	Diameter: 3.80 inches	Volume: 57.82 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 59.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 86000.00 lb
Depth to Top Packer:	4380.00 ft			Final 86000.00 lb
Depth to Bottom Packer:	4436.00 ft			
Interval between Packers:	56.00 ft			
Tool Length:	248.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4353.00	
Shut In Tool	5.00			4358.00	
Hydraulic tool	5.00			4363.00	
Jars	5.00			4368.00	
Safety Joint	2.00			4370.00	
Packer	5.00			4375.00	28.00 Bottom Of Top Packer
Packer	5.00			4380.00	
Stubb	1.00			4381.00	
Perforations	13.00			4394.00	
Recorder	0.00	8369	Inside	4394.00	
Recorder	0.00	8700	Outside	4394.00	
Blank Spacing	33.00			4427.00	
Perforations	5.00			4432.00	
Blank Off Sub	1.00			4433.00	
Blank Spacing	3.00			4436.00	56.00 Tool Interval
Packer	5.00			4441.00	
Stubb	1.00			4442.00	
Perforations	28.00			4470.00	
Recorder	0.00	8374	Below	4470.00	
Blank Spacing	127.00			4597.00	
Bullnose	3.00			4600.00	164.00 Bottom Packers & Anchor

Total Tool Length: 248.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114-8827
ATTN: Klee Watchous

6-17s-24w Ness,KS
Jarvis Heirs #2
Job Ticket: 54267 **DST#: 1**
Test Start: 2013.08.08 @ 07:30:51

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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w/show of oil	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

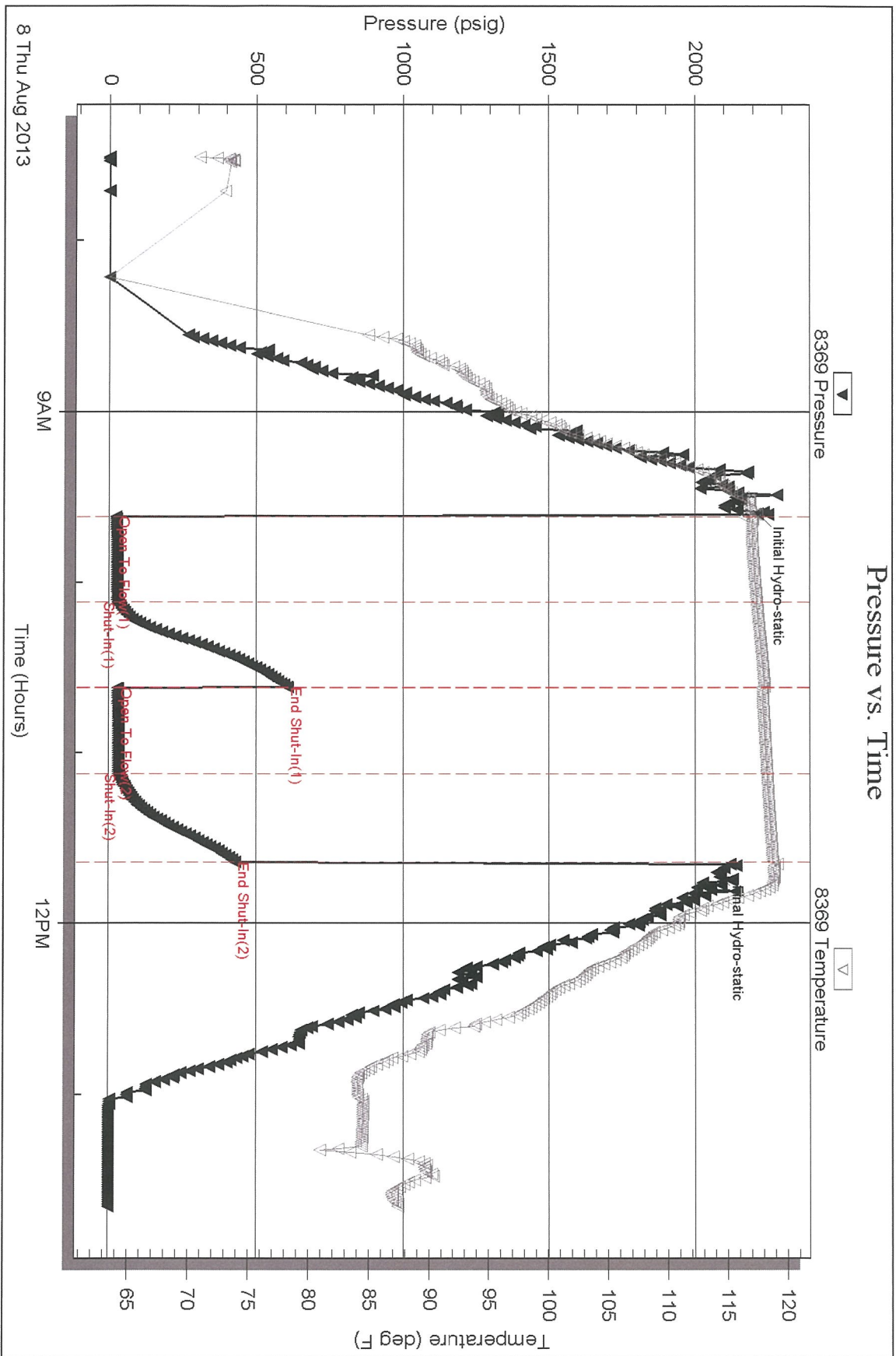
Serial #: 8369

Inside

Palomino Petroleum Inc

Jarvis Heirs #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54267

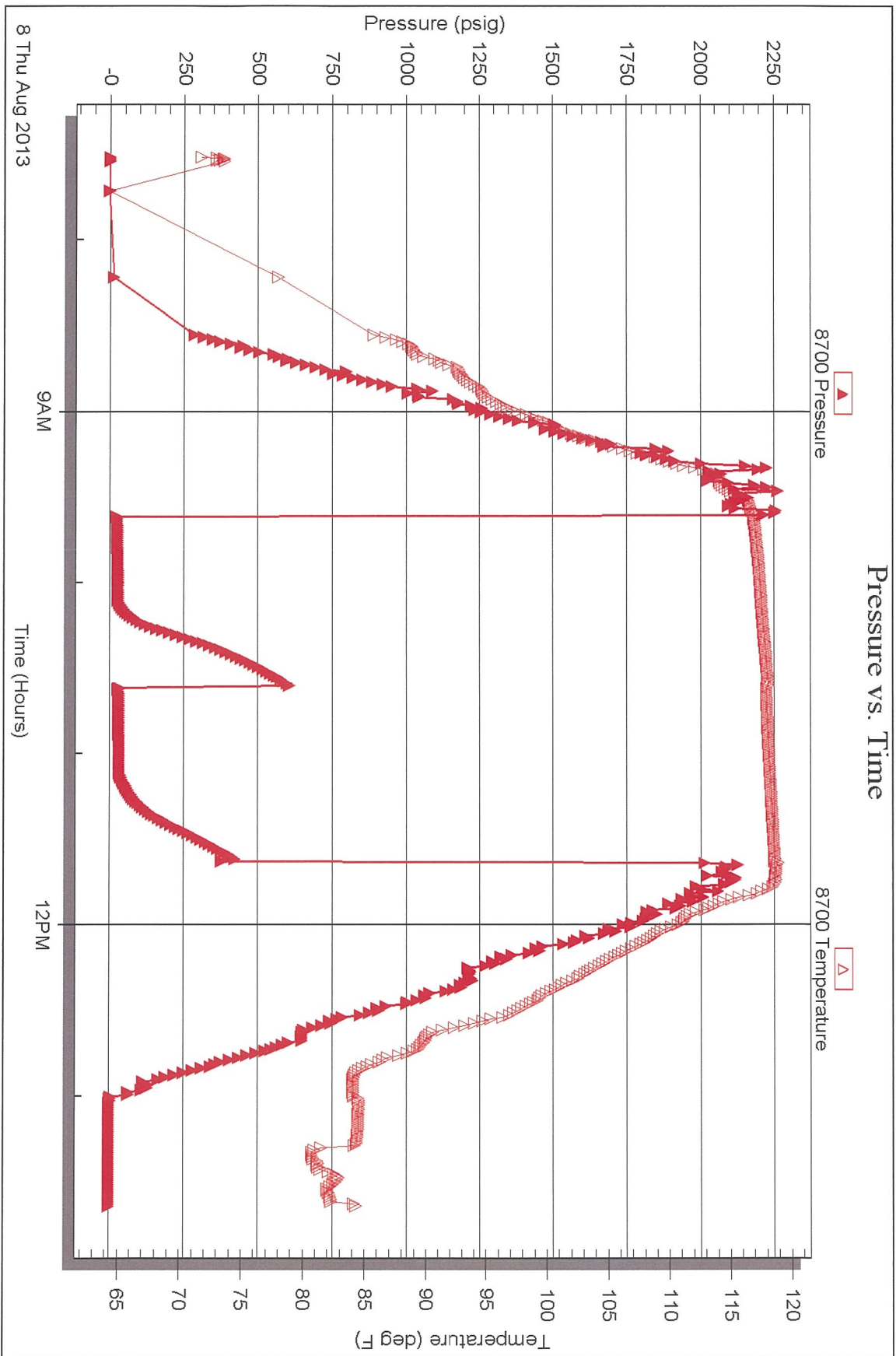
Printed: 2013.08.09 @ 09:31:03

Serial #: 8700

Outside Palomino Petroleum Inc

Jarvis Heirs #2

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 54267

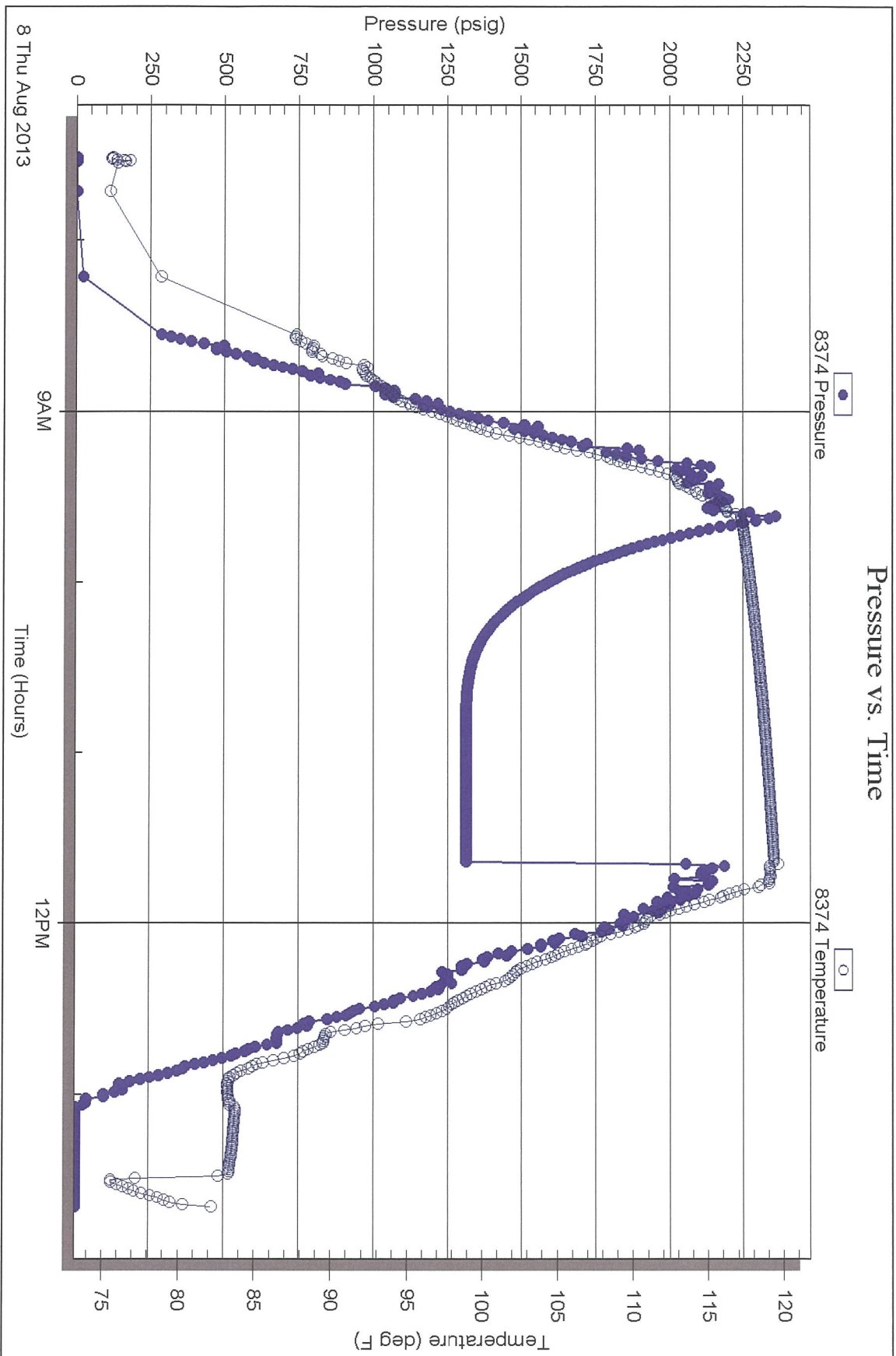
Printed: 2013.08.09 @ 09:31:03

Serial #: 8374

Below (Str-Rathj)no Petroleum Inc

Jarvis Heirs #2

DST Test Number: 1





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 54267

Well Name & No. JARVIS HEIRS #2 Test No. 1 Date 8-8-13
 Company Palomino Petroleum, Inc Elevation 2512 KB 2502 GL
 Address 4924 SE 84TH ST Newton, KS 67114-8827
 Co. Rep / Geo. JERRY SMITH Rig Pickrell rig 1
 Location: Sec. 6 Twp. 17^s Rge. 24^w Co. Ness State Ks

Interval Tested 4380-4436 Zone Tested FT SCOTT
 Anchor Length 56 Drill Pipe Run 4122 Mud Wt. 9.3
 Top Packer Depth 4380-4375 Drill Collars Run 240 Vis 46
 Bottom Packer Depth 4436 Wt. Pipe Run - WL 10.8
 Total Depth 4595 Chlorides 1400 ppm System LCM TR

Blow Description IIFP - WEAK BLOW thru-out 1/8" To 1/4" BLOW
ISIP - NO BLOW
FFP - SURFACE BLOW thru-out
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>Mud</u>				
	<u>w/show of oil</u>				

Rec Total 20 BHT 11B Gravity - API RW - @ - F Chlorides - ppm
 (A) Initial Hydrostatic 2214 Test 1250 T-On Location 0540
 (B) First Initial Flow 23 Jars 250 T-Started 0730
 (C) First Final Flow 28 Safety Joint 75 T-Open 0940
 (D) Initial Shut-In 608 Circ Sub T-Pulled 1140
 (E) Second Initial Flow 30 Hourly Standby T-Out 1339
 (F) Second Final Flow 32 Mileage 120 RT 186 Comments _____
 (G) Final Shut-In 430 Sampler _____
 (H) Final Hydrostatic 2073 Straddle 600 Ruined Shale Packer _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 30 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Sub Total 0 Accessibility _____
 Total 2361 MP/DST Disc't _____
 Sub Total 2361

Approved By _____ Our Representative Ray Schwager Thank you
 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.