



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1261237
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: _____



1261237

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Comanche 1
Doc ID	1261237

Tops

Name	Top	Datum
Heebner	1576	(-176)
Douglas	1634	(-234)
Brown Lime	1794	(-394)
Lansing	1837	(-437)
BKC	2194	(-794)
Miss.	2360	(-960)
Hunton	2524	(-1124)
Arbuckle	2709	(-1309)
LTD	2760	(-1360)



CONSOLIDATED
Oil Well Services, LLC

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

RECEIVED

JUN 29 2015

MAIN OFFICE

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

Invoice# 804618

Invoice Date: 06/24/15 Terms: Net 30 Page 1

PALOMINO PETROLEUM, INC.
4924 SE 84TH STREET
NEWTON KS 67114-8827
USA

COMANCHE #1

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0451	Cement Pump Charge 1501' - 3000'	1.000	1,900.0000	40.000	1,140.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	40.000	128.70
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	40.000	396.00
CC5829	Lite-Weight Blend V (60:40:4)	125.000	16.0000	40.000	1,200.00
CC6075	Celloflake	31.000	2.0000	40.000	37.20
CP8228	8 5/8" Wooden Plug	1.000	165.0000	40.000	99.00
Subtotal					5,001.50
Discounted Amount					2,000.60
SubTotal After Discount					3,000.90
Amount Due 5,171.87 If paid after 07/24/15					

Tax: 102.22
Total: 3,103.12



CONSOLIDATED
Oil Well Services, LLC

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

JM 3202
PT 3119

Invoice # 804618

TICKET NUMBER 46103

LOCATION Sh Donado

FOREMAN Fuzz Y

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-24-15	6885	Cemanche #1	7	22S	4E	Marion
CUSTOMER Pelegrino Det		Readdy S-E STATION	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS 4924 SE. 84th			603	Tracey		
CITY Newton			775	Tenny		
STATE KS	ZIP CODE 67114					

JOB TYPE PTA HOLE SIZE _____ HOLE DEPTH _____ CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL 31.3 WATER gal/sk 7 CEMENT LEFT IN CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on southwind #8. Rig up and plug as ordered.

35 sks @ 270'

35 sks @ 268'

25 sks @ 60' w/ plug

30 sks @ PH

125 sks 60/40 40 gal 1/4" poly flake

Thanks Fuzz Y Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0451	1	PUMP CHARGE	1900 ⁰⁰	1900 ⁰⁰
CE0002	30	MILEAGE	7.15	214 ⁵⁰
CE0711	5.4 ton	minimum delivery charge	660 ⁰⁰	660 ⁰⁰
CE5829	125 sks	60/40 40 gal	16 ⁰⁰	2000 ⁰⁰
CE6075	31*	poly flake	2 ⁰⁰	62 ⁰⁰
CE8228	1	8 1/2" wood cup plug	165 ⁰⁰	165 ⁰⁰
		subtotal		5001 ⁵⁰
		40% discount		2000 ⁶⁰
		subtotal		3000 ⁹⁰
		7.65% SALES TAX		108.22
		ESTIMATED TOTAL		3103.12

Revin 3737

AUTHORIZATION William Fuzz Y TITLE Toolpusher 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

3613A Y Road
Madison, KS 66860
Ph: 620-437-2661
Fax: 620-437-2881



HURRICANE SERVICES INC

104 Prairie Plaza Parkway
Garnett, KS 66032
Ph: 785-448-3100
Fax: 785-448-3102

FED ID# 48-1214033
MC ID# 165290

RECEIVED

JUN 24 2015

Remit to: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202

Customer:

PALAMINO PETROLEUM INC
4924 SE 84TH ST
NEWTON, KS 67114-8827

Invoice Date: 6/19/2015
Invoice #: 0019482
Lease Name: COMANCHE
Well #: 1
County: MARION

Date/Description	HRS/QTY	Rate	Total
See ticket 50673 of JB & DL	0.000	0.000	0.00
Heavy Eq mileage one way	30.000	3.250	97.50
Light Eq mileage one way	30.000	1.500	45.00
Cement pump-Longstring & plug	1.000	790.000	790.00
Bulk truck #242	1.000	336.700	336.70
Cement Class A	184.000	14.850	2,732.40 T
Calcium Chloride	352.000	0.750	264.00 T
FLO Seal	50.000	2.150	107.50 T

Net Invoice 4,373.10
Sales Tax: (7.65%) 237.45
Total 4,610.55

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

WE APPRECIATE YOUR BUSINESS!

3613A Y Road
 Madison, KS 66860
 Ph: 620-437-2661
 Fax: 620-437-2881



HURRICANE SERVICES INC

104 Prairie Plaza Parkway
 Garnett, KS 66032
 Ph: 785-448-3100
 Fax: 785-448-3102

FED ID# 48-1214033
 MC ID# 165290

RECEIVED

JUN 29 2015

Remit to: Hurricane Services, Inc.
 250 N. Water, Suite 200
 Wichita, KS 67202

Customer:
 PALAMINO PETROLEUM INC
 4924 SE 84TH ST
 NEWTON, KS 67114-8827

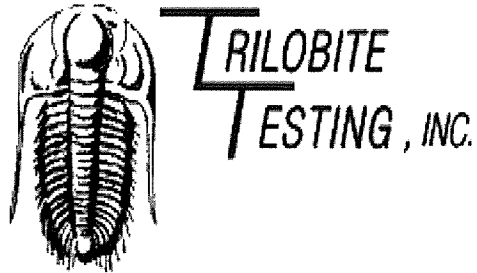
Invoice Date: 6/19/2015
 Invoice #: 19482A
 Lease Name: COMANCHE
 Well #: 1
 County: MARION

Date/Description	HRS/QTY	Rate	Total
See ticket 50673 of JB & DL	0.000	0.000	0.00
Heavy Eq mileage one way	30.000	3.250	97.50
Light Eq mileage one way	30.000	1.500	45.00
Bulk truck #242	1.000	336.700	336.70
Cement pump-Longstring & plug	1.000	790.000	790.00
Cement Class A	184.000	14.850	2,732.40 T
Calcium Chloride	352.000	0.750	264.00 T
FLO Seal	50.000	2.150	107.50 T
Discount	1.000	775.980-	775.98-T
Discount	1.000	317.300-	317.30-

Net Invoice 3,279.82
 Sales Tax: (7.65%) 178.09
Total 3,457.91

All invoices are due upon receipt. Interest at the rate of 1 1/2% per month may be charged on all invoices not paid within 30 days from date of invoice.

WE APPRECIATE YOUR BUSINESS!



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 S.E. 84th St.
Wichita KS. 67114

ATTN: Nick Gerstner

Comanche #1

7-22s-4e Marion,KS

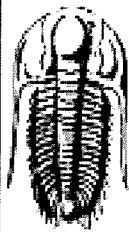
Start Date: 2015.06.22 @ 09:40:20

End Date: 2015.06.22 @ 14:24:20

Job Ticket #: 59779 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.06.24 @ 13:45:12



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

7-22s-4e Marion, KS

4924 S.E. 84th St.
Wichita KS. 67114

Comanche #1

Job Ticket: 59779

DST#: 1

ATTN: Nick Gerstner

Test Start: 2015.06.22 @ 09:40:20

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:58:05

Time Test Ended: 14:24:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 80

Interval: **2346.00 ft (KB) To 2383.00 ft (KB) (TVD)**

Total Depth: 2383.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1401.00 ft (KB)

1301.00 ft (CF)

KB to GR/CF: 100.00 ft

Serial #: 8352 Outside

Press@RunDepth: 21.94 psig @ 2347.00 ft (KB)

Start Date: 2015.06.22 End Date: 2015.06.22

Start Time: 09:40:25 End Time: 14:24:19

Capacity: 8000.00 psig

Last Calib.: 2015.06.22

Time On Btm: 2015.06.22 @ 10:56:50

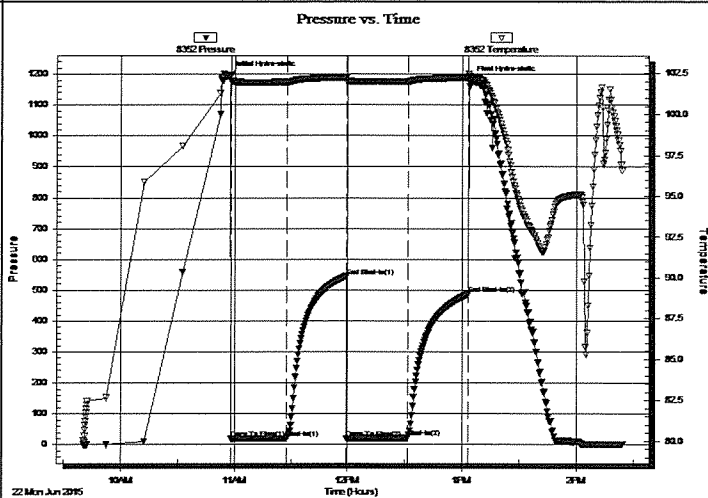
Time Off Btm: 2015.06.22 @ 13:04:05

TEST COMMENT: IF:Weak blow . 1/2" decreasing.

ISI:No blow .

FF:No blow .

FSI:No blow .



PRESSURE SUMMARY

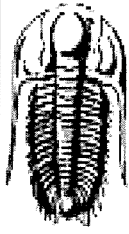
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1197.47	102.37	Initial Hydro-static
2	18.87	102.01	Open To Flow (1)
31	19.11	101.97	Shut-In(1)
63	544.82	102.25	End Shut-In(1)
63	20.26	101.97	Open To Flow (2)
95	21.94	102.01	Shut-In(2)
126	486.62	102.23	End Shut-In(2)
128	1183.09	102.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
12.00	Drig.mud w/ o specs	0.17

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

7-22s-4e Marion,KS

4924 S.E. 84th St.
Wichita KS. 67114

Comanche #1

Job Ticket: 59779

DST#: 1

ATTN: Nick Gerstner

Test Start: 2015.06.22 @ 09:40:20

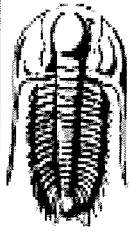
Tool Information

Drill Pipe:	Length: 2335.00 ft	Diameter: 3.80 inches	Volume: 32.75 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 34000.00 lb
			<u>Total Volume: 32.75 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 27000.00 lb
Depth to Top Packer:	2346.00 ft			Final 28000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	65.00 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			2319.00	
Shut In Tool	5.00			2324.00	
Hydraulic tool	5.00			2329.00	
Jars	5.00			2334.00	
Safety Joint	3.00			2337.00	
Packer	4.00			2341.00	28.00 Bottom Of Top Packer
Packer	5.00			2346.00	
Stubb	1.00			2347.00	
Recorder	0.00	8352	Outside	2347.00	
Recorder	0.00	8370	Inside	2347.00	
Perforations	31.00			2378.00	
Bullnose	5.00			2383.00	37.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

7-22s-4e Marion, KS

4924 S.E. 84th St.
Wichita KS. 67114

Comanche #1

Job Ticket: 59779

DST#: 1

ATTN: Nick Gerstner

Test Start: 2015.06.22 @ 09:40:20

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:

700 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
12.00	Drig.mud w/ o specs	0.168

Total Length: 12.00 ft Total Volume: 0.168 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

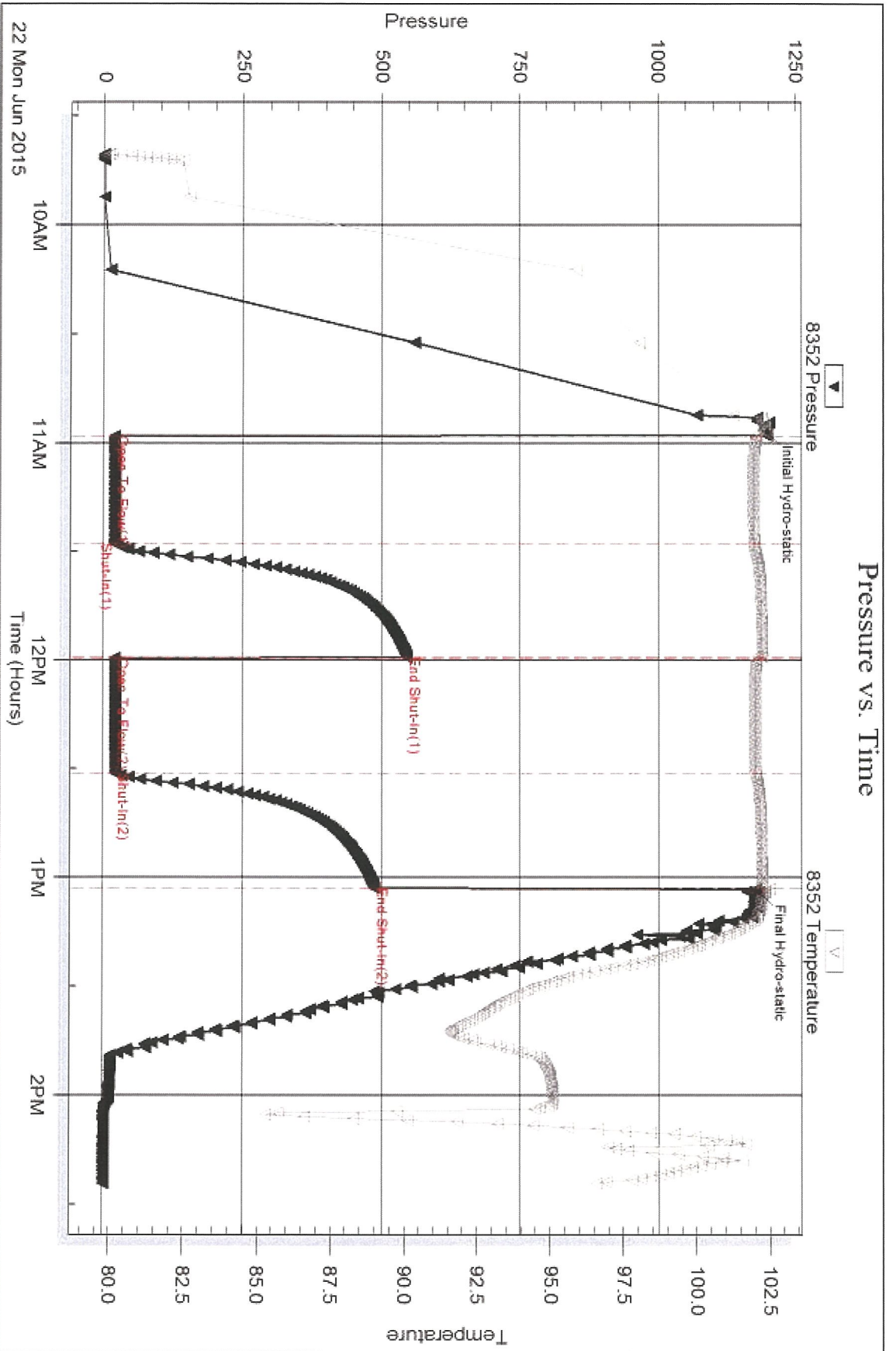
Serial #: 8352

Outside

Palomino Petroleum Inc.

Comanche #1

DST Test Number: 1



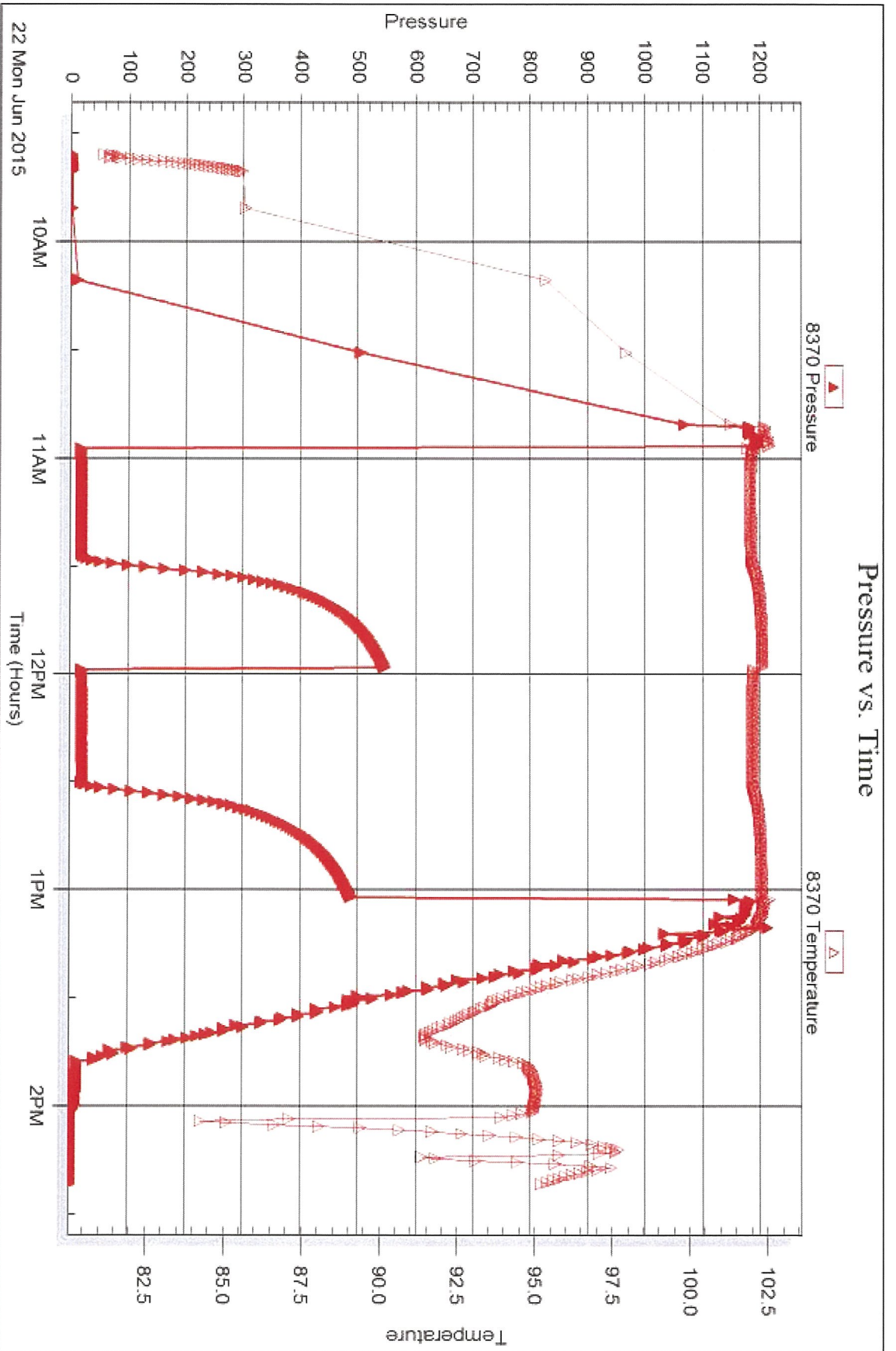
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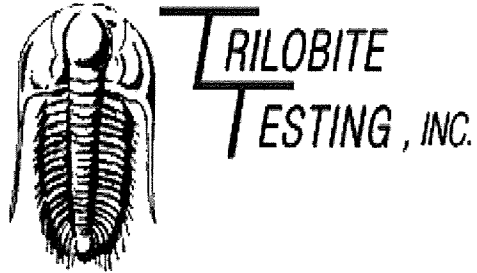
Inside

Palomino Petroleum Inc.

Comanche #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 S.E. 84th St.
Wichita KS. 67114

ATTN: Nick Gerstner

Comanche #1

7-22s-4e Marion,KS

Start Date: 2015.06.23 @ 02:57:10

End Date: 2015.06.23 @ 07:24:55

Job Ticket #: 59780 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2015.06.24 @ 13:43:30

Palomino Petroleum Inc.

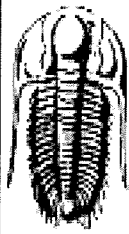
7-22s-4e Marion,KS

Comanche #1

DST # 2

Hunton

2015.06.23



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

7-22s-4e Marion,KS

4924 S.E. 84th St.
Wichita KS. 67114

Comanche #1

Job Ticket: 59780

DST#: 2

ATTN: Nick Gerstner

Test Start: 2015.06.23 @ 02:57:10

GENERAL INFORMATION:

Formation: **Hunton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:25:25

Time Test Ended: 07:24:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 80

Interval: **2390.00 ft (KB) To 2528.00 ft (KB) (TVD)**

Total Depth: 2528.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1401.00 ft (KB)

1301.00 ft (CF)

KB to GR/CF: 100.00 ft

Serial #: 8352

Outside

Press@RunDepth: 335.67 psig @ 2391.00 ft (KB)

Start Date: 2015.06.23

End Date:

2015.06.23

Start Time: 02:57:15

End Time:

07:24:54

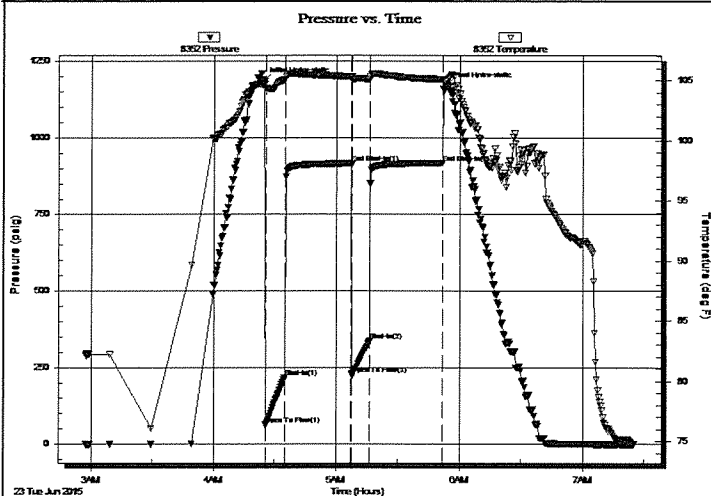
Capacity: 8000.00 psig

Last Calib.: 2015.06.23

Time On Btm: 2015.06.23 @ 04:24:10

Time Off Btm: 2015.06.23 @ 05:53:25

TEST COMMENT: IF:Strong blow . B.O.B. in 70 secs.
IS:No blow .
FF:Strong blow . B.O.B. in 95 secs.
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1185.49	104.65	Initial Hydro-static
2	62.49	104.35	Open To Flow (1)
11	216.77	105.10	Shut-In(1)
43	917.01	105.32	End Shut-In(1)
44	226.58	105.01	Open To Flow (2)
52	335.67	105.09	Shut-In(2)
88	918.42	105.07	End Shut-In(2)
90	1170.43	104.60	Final Hydro-static

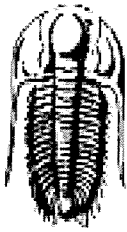
Recovery

Length (ft)	Description	Volume (bbl)
265.00	WM 44%w 56%m	3.72
460.00	MW 20%m 80%w	6.45

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

7-22s-4e Marion, KS

4924 S.E. 84th St.
Wichita KS. 67114

Comanche #1

Job Ticket: 59780

DST#: 2

ATTN: Nick Gerstner

Test Start: 2015.06.23 @ 02:57:10

GENERAL INFORMATION:

Formation: **Hunton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:25:25

Time Test Ended: 07:24:55

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 80

Interval: **2390.00 ft (KB) To 2528.00 ft (KB) (TVD)**

Total Depth: 2528.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1401.00 ft (KB)

1301.00 ft (CF)

KB to GR/CF: 100.00 ft

Serial #: 8370 Inside

Press@RunDepth: psig @ 2391.00 ft (KB)

Start Date: 2015.06.23

End Date:

2015.06.23

Start Time: 02:52:25

End Time:

07:23:04

Capacity: 8000.00 psig

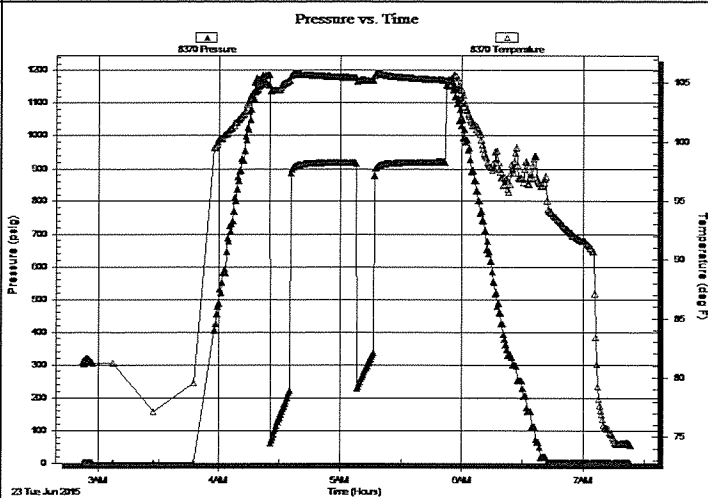
Last Calib.:

1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . B.O.B. in 70 secs.
IS: No blow .
FF: Strong blow . B.O.B. in 95 secs.
FS: No blow .



PRESSURE SUMMARY

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

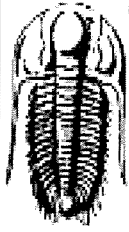
Recovery

Length (ft)	Description	Volume (bbl)
265.00	WM 44%w 56%m	3.72
460.00	MW 20%m 80%w	6.45

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc.

7-22s-4e Marion,KS

4924 S.E. 84th St.
Wichita KS. 67114

Comanche #1

Job Ticket: 59780

DST#: 2

ATTN: Nick Gerstner

Test Start: 2015.06.23 @ 02:57:10

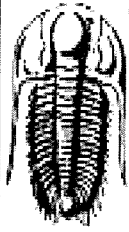
Tool Information

Drill Pipe:	Length: 2367.00 ft	Diameter: 3.80 inches	Volume: 33.20 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			Total Volume: 33.20 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 28000.00 lb
Depth to Top Packer:	2390.00 ft			Final 34500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	138.00 ft			
Tool Length:	166.00 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			2363.00	
Shut In Tool	5.00			2368.00	
Hydraulic tool	5.00			2373.00	
Jars	5.00			2378.00	
Safety Joint	3.00			2381.00	
Packer	4.00			2385.00	28.00 Bottom Of Top Packer
Packer	5.00			2390.00	
Stubb	1.00			2391.00	
Recorder	0.00	8352	Outside	2391.00	
Recorder	0.00	8370	Inside	2391.00	
Perforations	6.00			2397.00	
Blank Spacing	126.00			2523.00	
Bullnose	5.00			2528.00	138.00 Bottom Packers & Anchor

Total Tool Length: 166.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

7-22s-4e Marion, KS

4924 S.E. 84th St.
Wichita KS. 67114

Comanche #1

Job Ticket: 59780

DST#: 2

ATTN: Nick Gerstner

Test Start: 2015.06.23 @ 02:57:10

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	29000 ppm
Viscosity:	41.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in ³	Gas Cushion Type:			
Resistivity:	0.00 ohm.m	Gas Cushion Pressure:	psig		
Salinity:	1000.00 ppm				
Filter Cake:	0.20 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
265.00	WM 44%w 56%m	3.717
460.00	MW 20%m 80%w	6.453

Total Length: 725.00 ft Total Volume: 10.170 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

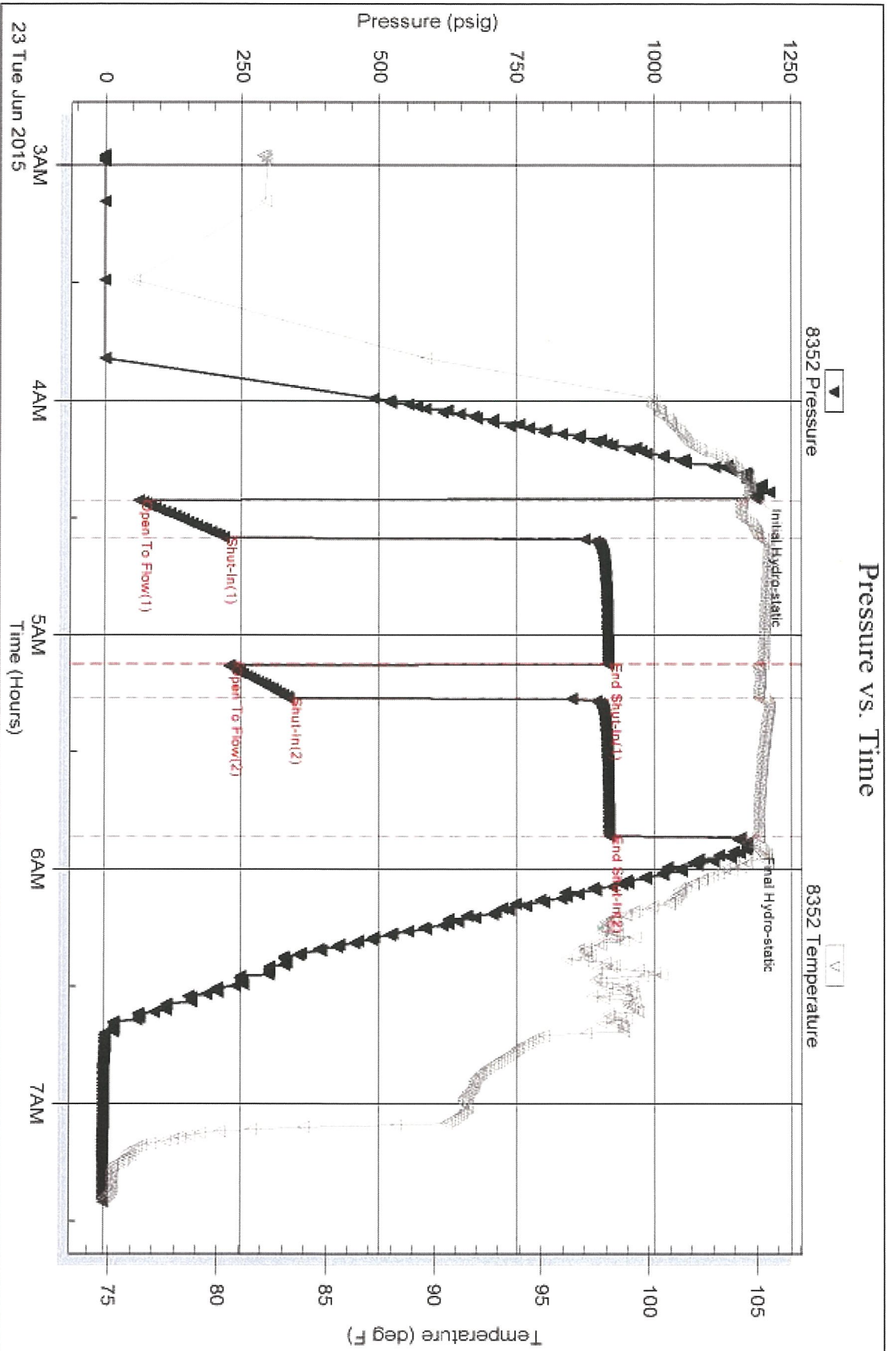
Recovery Comments: Rw .18@90deg

Serial #: 8352

Outside Palomino Petroleum Inc.

Comanche #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 59790

Printed: 2015.06.24 @ 13:43:32

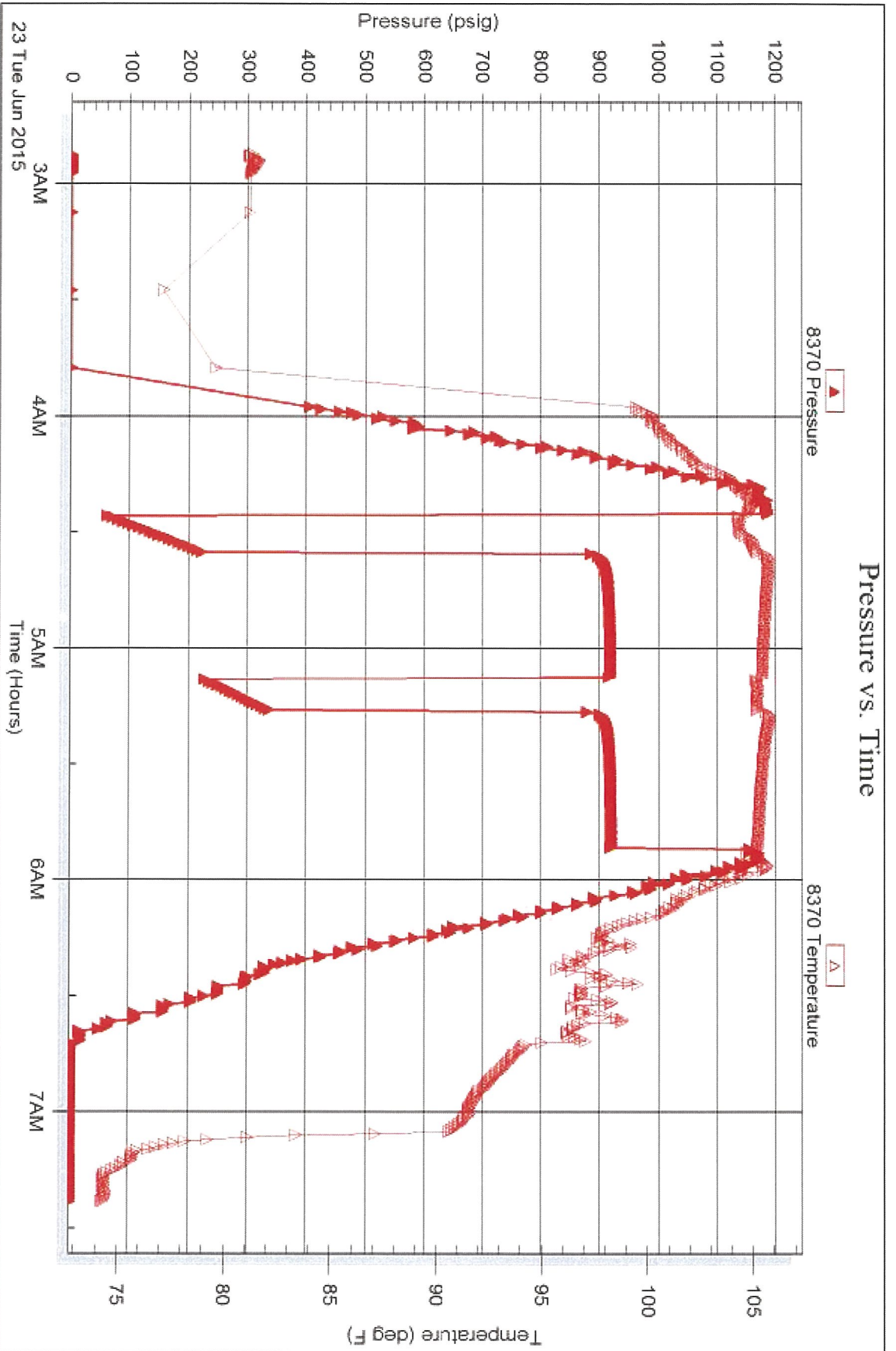
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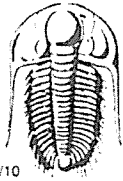
Inside

Palomino Petroleum Inc.

Comanche #1

DST Test Number: 2





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59779

Well Name & No. COMANCHE #1 Test No. 1 Date 6-22-15
 Company PALOMINO PETROLEUM INC. Elevation 1401 KB 1391 GL
 Address 4924 S.E. 84TH ST., WICHITA KS. 67114
 Co. Rep / Geo. NEUC GERSTNER Rig SOUTHWIND DRIG.#8
 Location: Sec. 7 Twp. 22^S Rge. 4 E Co. MAZION State KS

Interval Tested 2346 - 2383' Zone Tested MISS.
 Anchor Length 37' Drill Pipe Run 2335' Mud Wt. 9.4
 Top Packer Depth 2341' Drill Collars Run 0 Vis 43
 Bottom Packer Depth 2346' Wt. Pipe Run 0 WL 9.6cc
 Total Depth 2383' Chlorides 700 ppm System LCM 1#
 Blow Description IF: Weak blow 1/2" decreasing. FST: No blow
FF: No blow. FST: No blow.

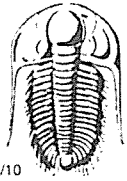
Rec	Feet of	%gas	%oil	%water	%mud
<u>12</u>	<u>Only Mud w/oil & gas</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 12' BHT 102° Gravity N/A API RW N/A °F Chlorides 700 ppm

(A) Initial Hydrostatic <u>27</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>0839</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars	T-Started <u>0940</u>
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>1058</u>
(D) Initial Shut-In <u>545</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1301</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1424</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage <u>2221 x 1</u>	Comments _____
(G) Final Shut-In <u>487</u>	<input type="checkbox"/> Sampler	<input type="checkbox"/> Ruined Shale Packer
(H) Final Hydrostatic <u>1183</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	Sub Total _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Total _____
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility	
	Sub Total _____	

Approved By _____ Our Representative Cory Swartz

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. 59780

Well Name & No. COMANCHE #1 Test No. 2 Date 6-23-15
 Company PALOMINO PETROLEUM INC Elevation 1401 KB 1391 GL
 Address 4924 SE 84TH ST WICHITA KS 67114
 Co. Rep / Geo. NICK GERSWER Rig SOUTHWIND DRILLING #8
 Location: Sec. 7 Twp. 22S Rge. 4W Co. MAZION State KS

Interval Tested 2390-2528' Zone Tested HUNTON
 Anchor Length 138' Drill Pipe Run 2367' Mud Wt. 9.6
 Top Packer Depth 2885' Drill Collars Run 0 Vis 411
 Bottom Packer Depth 2390" Wt. Pipe Run 0 WL 10.4cc
 Total Depth 2528' Chlorides 1,000 ppm System LCM 1#
 Blow Description IF: Strong blow B.O.B. in 70 secs. ISI: No blow.

FF: Strong blow B.O.B. in 95 secs. FSI: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>265</u>	<u>WM</u>		<u>44</u>	<u>56</u>	
<u>460</u>	<u>MW</u>		<u>80</u>	<u>20</u>	

Rec Total 725 BHT 105 Gravity N/A API RW 0.18 @ 90 °F Chlorides 29,020 ppm
 (A) Initial Hydrostatic 1185 Test _____ T-On Location 0130
 (B) First Initial Flow 62 Jars _____ T-Started 0257
 (C) First Final Flow 217 Safety Joint _____ T-Open 0425
 (D) Initial Shut-In 917 Circ Sub _____ T-Pulled 0550
 (E) Second Initial Flow 227 Hourly Standby _____ T-Out 0724
 (F) Second Final Flow 336 Mileage 48 X 2 _____ Comments #2 NIGHTS out
 (G) Final Shut-In 918 Sampler _____ OF TOWN
 (H) Final Hydrostatic 1170 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total _____
 Day Standby _____ Total _____
 Accessibility _____ MP/DST Disc't _____
 Sub Total _____

Approved By _____ Our Representative Cory Davolans

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.