



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1271660
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: _____

1271660

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

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

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

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

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

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Kaw 2
Doc ID	1271660

All Electric Logs Run

Compensated Neutron PEL Density
Phased Induction Shallow Focus
Dual Receiver Cement Bond
X-Y Caliper
Photoelectric Lithology Density
Borehole Compensated Neutron
Gamma Ray
Micro

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Kaw 2
Doc ID	1271660

Tops

Name	Top	Datum
Heebner	1579	(-178)
Brown Lime	1801	(-400)
Lansing	1841	(-440)
Miss.	2374	(-973)
Hunton	2512	(-1111)
Viola	2546	(-1145)
Arbuckle	2700	(-1299)
LTD	2804	(-1403)



CONSOLIDATED
Oil Well Services, LLC

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



RECEIVED

OCT 08 2015

MAIN OFFICE

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

Invoice Invoice# 805974

Invoice Date: 10/05/15 Terms: Net 30 Page 1

PALOMINO PETROLEUM, INC.
4924 SE 84TH STREET K 9 W #2
NEWTON KS 67114-8827
USA

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	30.000	1,050.00
CE0002	Equipment Mileage Charge - Heavy Equipment	30.000	7.1500	30.000	150.15
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	30.000	462.00
CC5800A	Class A Cement Sack	135.000	20.0000	30.000	1,890.00
CC5325	Calcium Chloride	300.000	1.0000	30.000	210.00
CC5965	Bentonite	250.000	0.3000	30.000	52.50
CC6075	Celloflake	50.000	2.0000	30.000	70.00

Subtotal 5,549.50
Discounted Amount 1,664.85
SubTotal After Discount 3,884.65
Amount Due 5,803.50 If paid after 11/04/15

Tax: 177.80
Total: 4,062.45



P. O. Box 466
 Ness City, KS 67560
 Off: 785-798-2300



RECEIVED

OCT 10 2015

Invoice

DATE	INVOICE #
10/6/2015	28991

BILL TO
Palomino Petroleum Inc. 4924 S E 84th Street Newton, KS 67114-8827

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Kaw	Marion	WW Drilling Rig #6	Oil	Development	5-1/2" LongString	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				150	Miles	5.00	750.00
579D	Pump Charge - Top To Bottom LongString				1	Job	1,700.00	1,700.00
403-5	5 1/2" Cement Basket				1	Each	250.00	250.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	225.00	225.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	300.00	300.00T
409-5	5 1/2" Turbolizer				8	Each	75.00	600.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
276	Flocele				75	Lb(s)	2.25	168.75T
290	D-Air				3	Gallon(s)	42.00	126.00T
330	Swift Multi-Density Standard (MIDCON II)				300	Sacks	15.75	4,725.00T
581D	Service Charge Cement				300	Sacks	1.50	450.00
583D	Drayage				2,240.61	Ton Miles	0.75	1,680.46
	Subtotal							11,900.21
	Sales Tax Marion County						8.00%	585.58

We Appreciate Your Business!

Total

\$12,485.79



CHARGE TO: PALOMINO PETROLEUM
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 28991

PAGE 1 OF 2

SERVICE LOCATIONS
 1. Ness City, KS
 2.
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. KAU #2
 LEASE
 COUNTY/PARISH MARION
 RIG NAME/NO.
 STATE KS CITY PEARBODY, KS DATE 6 OCT 15 OWNER
 ORDER NO.

TICKET TYPE
 SERVICE
 SALES
 CONTRACTOR WWS DRILLING RIG #10
 WELL TYPE DIL WELL CATEGORY DEVELOPMENT JOB PURPOSE 5 & 1/2" STEERING
 INVOICE INSTRUCTIONS

WELL PERMIT NO.
 WELL LOCATION 1E15 2&E, N/W 15TD

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
375					MILEAGE #115	150	ML				5.00	750.00
579					PUMP CHARGE	1	JOB				1700.00	1700.00
403					CEMENT BASKET	1	EA.				250.00	250.00
406					LATCH DOWN PLUG & BAZZLE	1	EA.				225.00	225.00
407					INSERT FIDAT SPIDE w/ FILL	1	EA.				300.00	300.00
409					TURBIDIZERS	8	EA.				75.00	600.00
419					ROTATING HEAD RENTAL		HOBS				200.00	200.00
281					MUD FLUSH	500	gal				1.00	500.00
281					RCL	4	gal				25.00	100.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY**, and **LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

DATE SIGNED 6 OCT 15 TIME SIGNED 0515
 A.M.
 P.M.

SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?

WE UNDERSTOOD AND MET YOUR NEEDS?

OUR SERVICE WAS PERFORMED WITHOUT DELAY?

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	1	4750.00
TOTAL	12,485.79	

SWIFT OPERATOR [Signature] APPROVED [Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!



PO Box 466
Ness City, KS 67560
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 28991

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				DATE	UNIT PRICE	AMOUNT
		LOC	ACCT	DE			QTY	U/M	QTY	U/M			

TRUCKER TADMUND PETROLEUM

KAW # 2

6 OCT 15 PAGE 2 OF 2

276 FLOCELE 75 lbs 2.35 168.75

290 D-AIR 3 gal 42.00 126.00

330 SMD CEMENT 300 SX 15.75 4725.00

581 SERVICE CHARGE 300 SX 1.50 450.00

583 MILEAGE CHARGE 278.75 11880.44

CONTINUATION TOTAL 7150.21

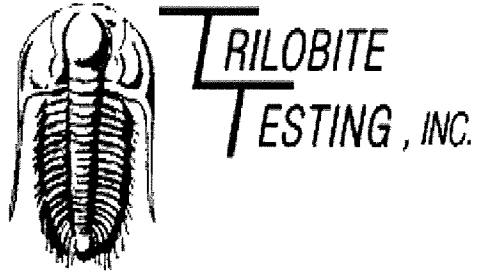
JOB LOG

SWIFT Services, Inc.

DATE 6 OCT 15 PAGE NO.

CUSTOMER PALOMINO PETROLEUM WELL NO. LEASE KAW # 2 JOB TYPE 5 1/2 LONGSTRING TICKET NO. 28991

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0000							ON LOCATION
	0200							START PIPE 5 1/2-14# RTD @ 2800 LTD @ 2804 SHAEST. 41.66 CENTRALIZERS 1,3,5,7,9,11,13,15 BASKET 2
	0310							DROP BALL - CIRCULATE.
	0349	6	12		✓		300	Pump 500 gal mud FLUSH
		6	20		✓		300	Pump 20 ISIP KCL SPACER
	0356		7					PLUG RH - 30sx
	0400	6	114		✓			MIX 205 sx SMD @ 11.2 pp6.
		5	17		✓			MIX 65 sx SMD @ 14.5 pp6.
	0427							WASHOUT Pump & LINES.
	0429	6			✓			START DISPLACING PLUG.
	0441	Ø	67		✓		1500	PLUG DOWN - LATCH PLUG IN.
	0443				✓			RELEASE PSI - DRY CIRCULATE CEMENT TO SURFACE
	0445							WASH TRUCK
	0520							JOB COMPLETE.
								THANKS # 115
								JASON COLE PRESTON



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

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

ATTN: Jerry A. Smith

Kaw #2

6-22s-4e Marion,KS

Start Date: 2015.10.03 @ 19:06:11

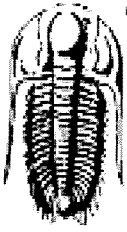
End Date: 2015.10.04 @ 00:28:56

Job Ticket #: 59795 DST #: 1

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

Printed: 2015.10.06 @ 08:33:00

Palomino Petroleum 6-22s-4e Marion,KS Kaw #2 DST # 1 Swope / Hertha 2015.10.03



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

6-22s-4e Marion, KS

4924 S.E. 84th St.
New on KS 67114

Kaw #2

Job Ticket: 59795

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2015.10.03 @ 19:06:11

GENERAL INFORMATION:

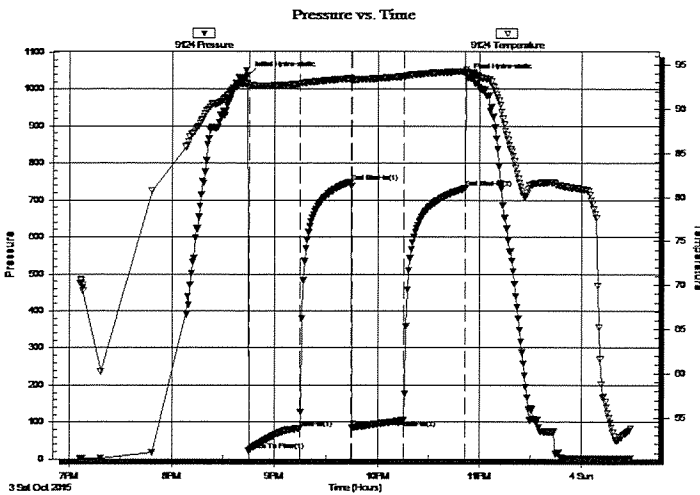
Formation: **Swope / Hertha**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 20:45:11
 Time Test Ended: 00:28:56
 Interval: **2130.00 ft (KB) To 2200.00 ft (KB) (TVD)**
 Total Depth: 2200.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gary Pevoteaux
 Unit No: 80
 Reference Elevations: 1401.00 ft (KB)
 1396.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 9124

Outside

Press@RunDepth: 105.33 psig @ 2131.00 ft (KB)
 Start Date: 2015.10.03 End Date: 2015.10.04
 Start Time: 19:06:16 End Time: 00:28:55
 Capacity: 8000.00 psig
 Last Calib.: 2015.10.04
 Time On Btm: 2015.10.03 @ 20:44:41
 Time Off Btm: 2015.10.03 @ 22:52:41

TEST COMMENT: IF: Fair blow . Slow increase to 7 1/2".
 IS: No blow .
 FF: Fair blow . Slow increase to 7".
 FSI: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1037.74	92.89	Initial Hydro-static
1	21.91	92.50	Open To Flow (1)
31	82.98	92.80	Shut-In(1)
60	749.45	93.44	End Shut-In(1)
60	84.80	93.21	Open To Flow (2)
91	105.33	93.68	Shut-In(2)
127	732.22	94.26	End Shut-In(2)
128	1032.11	94.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW/w o specs 16% m 84% w Rw .08 oh 0.59; 74d	
69.00	VM/w o specs 38% w 62% m	0.97
1.00	Clean oil	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum
4924 S.E. 84th St.
New on KS 67114
ATTN: Jerry A. Smith

6-22s-4e Marion,KS
Kaw #2
Job Ticket: 59795 **DST#: 1**
Test Start: 2015.10.03 @ 19:06:11

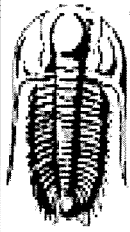
Tool Information

Drill Pipe:	Length: 2007.00 ft	Diameter: 3.80 inches	Volume: 28.15 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 39000.00 lb
			<u>Total Volume: 28.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	2130.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	98.00 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			2103.00	
Shut In Tool	5.00			2108.00	
Hydraulic tool	5.00			2113.00	
Jars	5.00			2118.00	
Safety Joint	3.00			2121.00	
Packer	4.00			2125.00	28.00 Bottom Of Top Packer
Packer	5.00			2130.00	
Stubb	1.00			2131.00	
Recorder	0.00	9124	Outside	2131.00	
Recorder	0.00	6798	Inside	2131.00	
Perforations	7.00			2138.00	
Blank Spacing	32.00			2170.00	
Perforations	25.00			2195.00	
Bullnose	5.00			2200.00	70.00 Bottom Packers & Anchor

Total Tool Length: 98.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

6-22s-4e Marion,KS

4924 S.E. 84th St.
New on KS 67114

Kaw #2

Job Ticket: 59795

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2015.10.03 @ 19:06:11

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:

94000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW /w o specs 16%m 84%w Rw .08 ohms@	0.590
69.00	WM /w o specs 38%w 62%m	0.968
1.00	Clean oil	0.014

Total Length: 190.00 ft Total Volume: 1.572 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

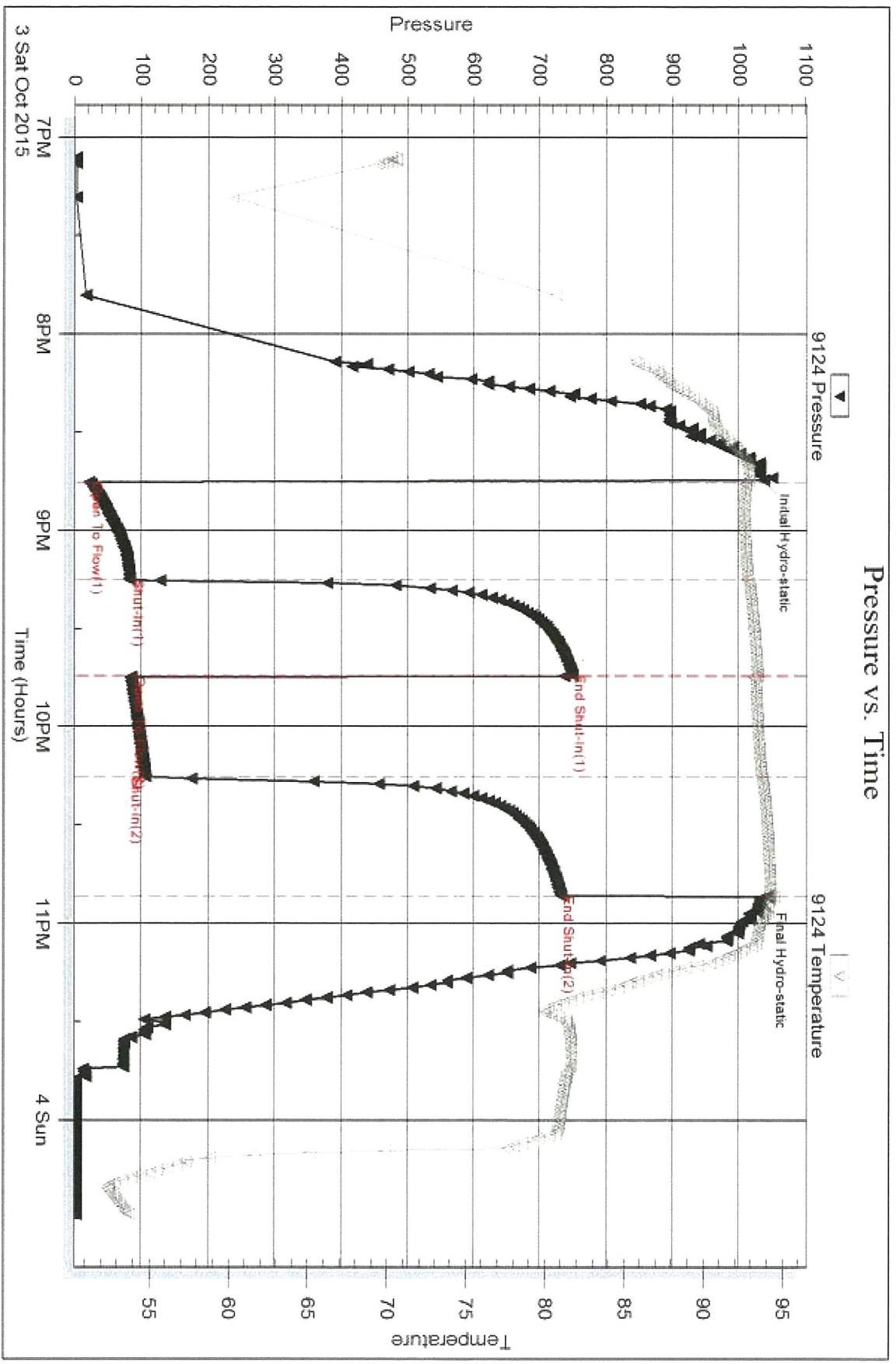
Serial #: 9124

Outside Palomino Petroleum

Kaw #2

DST Test Number: 1

Pressure vs. Time



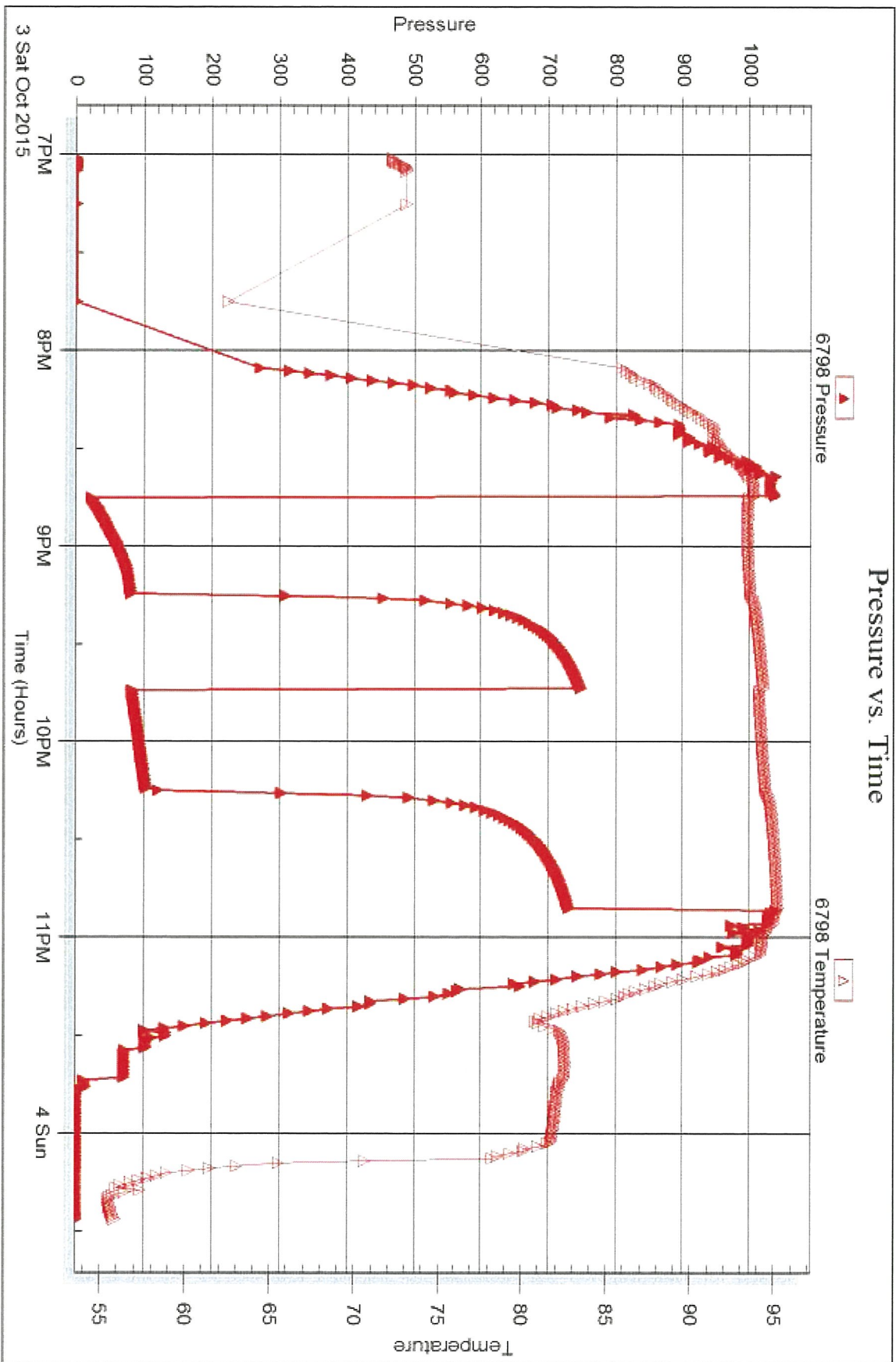
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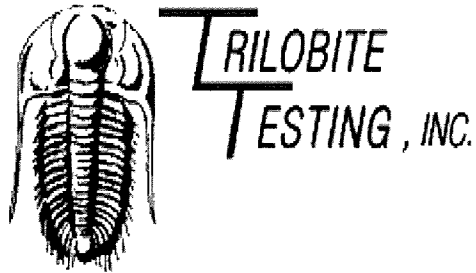
Inside

Palomino Petroleum

Kaw #2

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

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

ATTN: Jerry A. Smith

Kaw #2

6-22s-4e Marion,KS

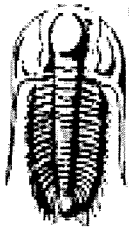
Start Date: 2015.10.04 @ 20:06:33

End Date: 2015.10.05 @ 02:05:03

Job Ticket #: 59795 DST #: 2

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

Printed: 2015.10.06 @ 08:31:09



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum

6-22s-4e Marion,KS

4924 S.E. 84th St.
New on KS 67114

Kaw #2

Job Ticket: 59795

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2015.10.04 @ 20:06:33

GENERAL INFORMATION:

Formation: **Hunton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:49:33

Time Test Ended: 02:05:03

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 80

Interval: **2316.00 ft (KB) To 2515.00 ft (KB) (TVD)**

Reference Elevations: 1401.00 ft (KB)

Total Depth: 2515.00 ft (KB) (TVD)

1396.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 9124

Outside

Press@RunDepth: 238.06 psig @ 2317.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.10.04

End Date: 2015.10.05

Last Calib.: 2015.10.05

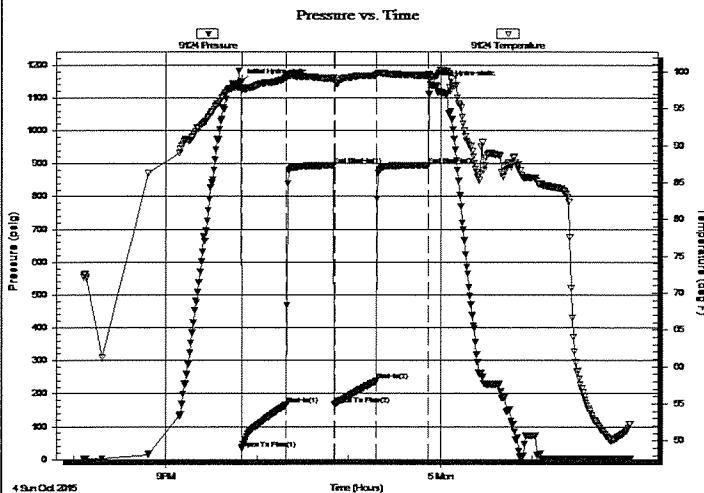
Start Time: 20:06:38

End Time: 02:05:02

Time On Btm: 2015.10.04 @ 21:48:48

Time Off Btm: 2015.10.04 @ 23:53:18

TEST COMMENT: IF: Strong blow . B.O.B. in 7 1/2 mins.
IS: No blow .
FF: Fair to strong blow . B.O.B. in 19 mins.
FSI: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1146.72	97.96	Initial Hydro-static
1	32.66	97.50	Open To Flow (1)
31	166.08	99.16	Shut-In(1)
62	894.60	99.15	End Shut-In(1)
62	165.80	98.84	Open To Flow (2)
89	238.06	99.54	Shut-In(2)
124	895.44	99.56	End Shut-In(2)
125	1140.61	99.15	Final Hydro-static

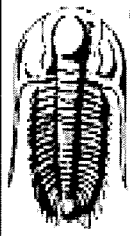
Recovery

Length (ft)	Description	Volume (bbl)
185.00	OCWM 9%o 17%w 74%m	1.50
250.00	GOCM 6%g 46%o 48%m	3.51
60.00	GMCO 7%g 23%m 70%o	0.84
0.00	60 ft. of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum

6-22s-4e Marion,KS

4924 S.E. 84th St.
New on KS 67114

Kaw #2

Job Ticket: 59795

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2015.10.04 @ 20:06:33

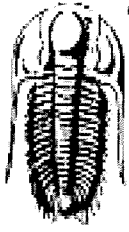
Tool Information

Drill Pipe:	Length: 2195.00 ft	Diameter: 3.80 inches	Volume: 30.79 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 49000.00 lb
			<u>Total Volume: 31.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	2316.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	199.00 ft			
Tool Length:	227.00 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			2289.00	
Shut In Tool	5.00			2294.00	
Hydraulic tool	5.00			2299.00	
Jars	5.00			2304.00	
Safety Joint	3.00			2307.00	
Packer	4.00			2311.00	28.00 Bottom Of Top Packer
Packer	5.00			2316.00	
Stubb	1.00			2317.00	
Recorder	0.00	9124	Outside	2317.00	
Recorder	0.00	6798	Inside	2317.00	
Perforations	7.00			2324.00	
Blank Spacing	155.00			2479.00	
Perforations	31.00			2510.00	
Bullnose	5.00			2515.00	199.00 Bottom Packers & Anchor

Total Tool Length: 227.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

6-22s-4e Marion,KS

4924 S.E. 84th St.
New on KS 67114

Kaw #2

Job Ticket: 59795

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2015.10.04 @ 20:06:33

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:	29000 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.77 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	OCWM 9%o 17%w 74%m	1.502
250.00	GOCM 6%g 46%o 48%m	3.507
60.00	GMCO 7%g 23%m 70%o	0.842
0.00	60 ft.of GIP	0.000

Total Length: 495.00 ft Total Volume: 5.851 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Rw .22 ohms @ 75 deg

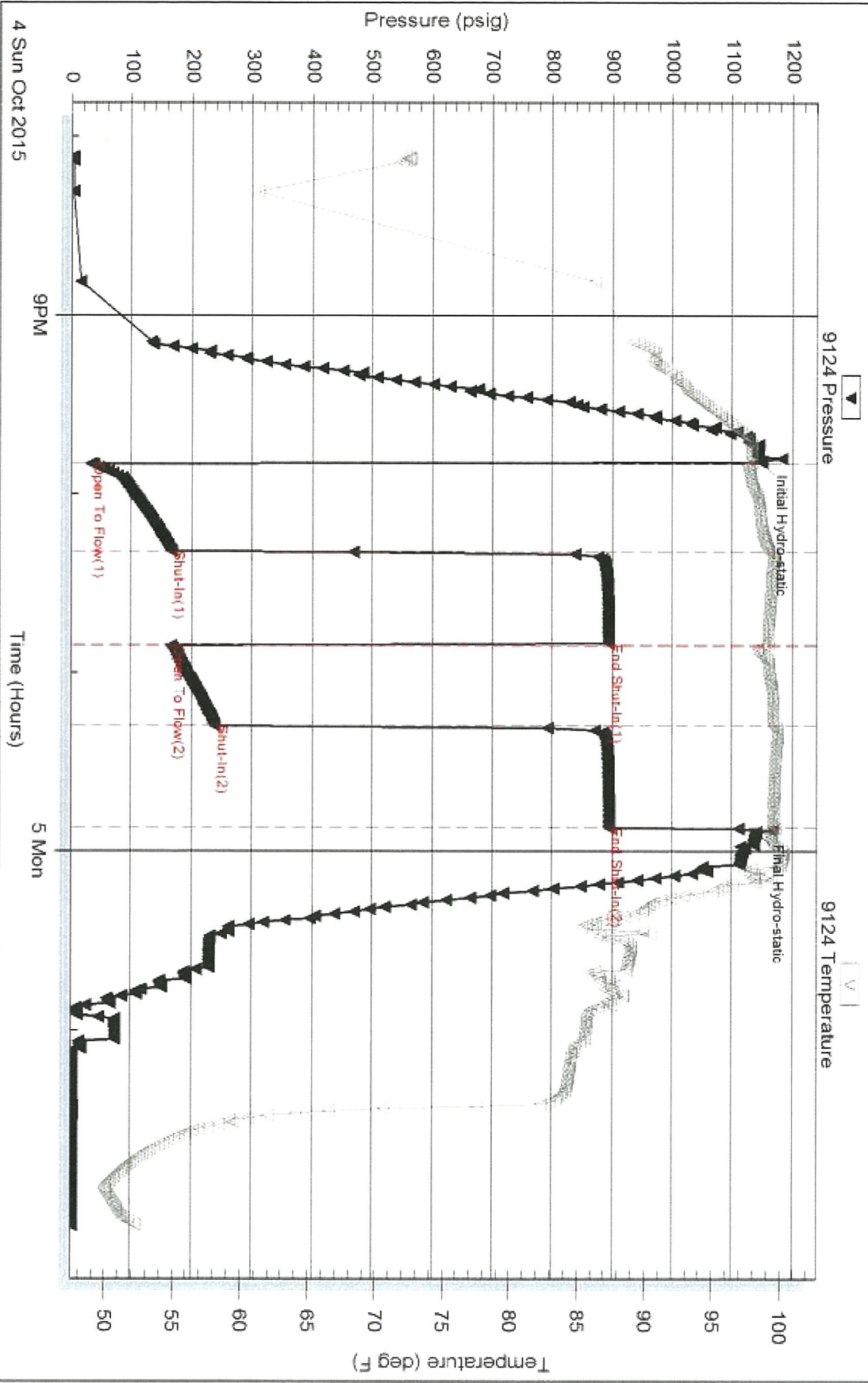
Serial #: 9124

Outside Palomino Petroleum

Kaw #2

DST Test Number: 2

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 59795

Printed 2015 10 06 @ 08:31:14

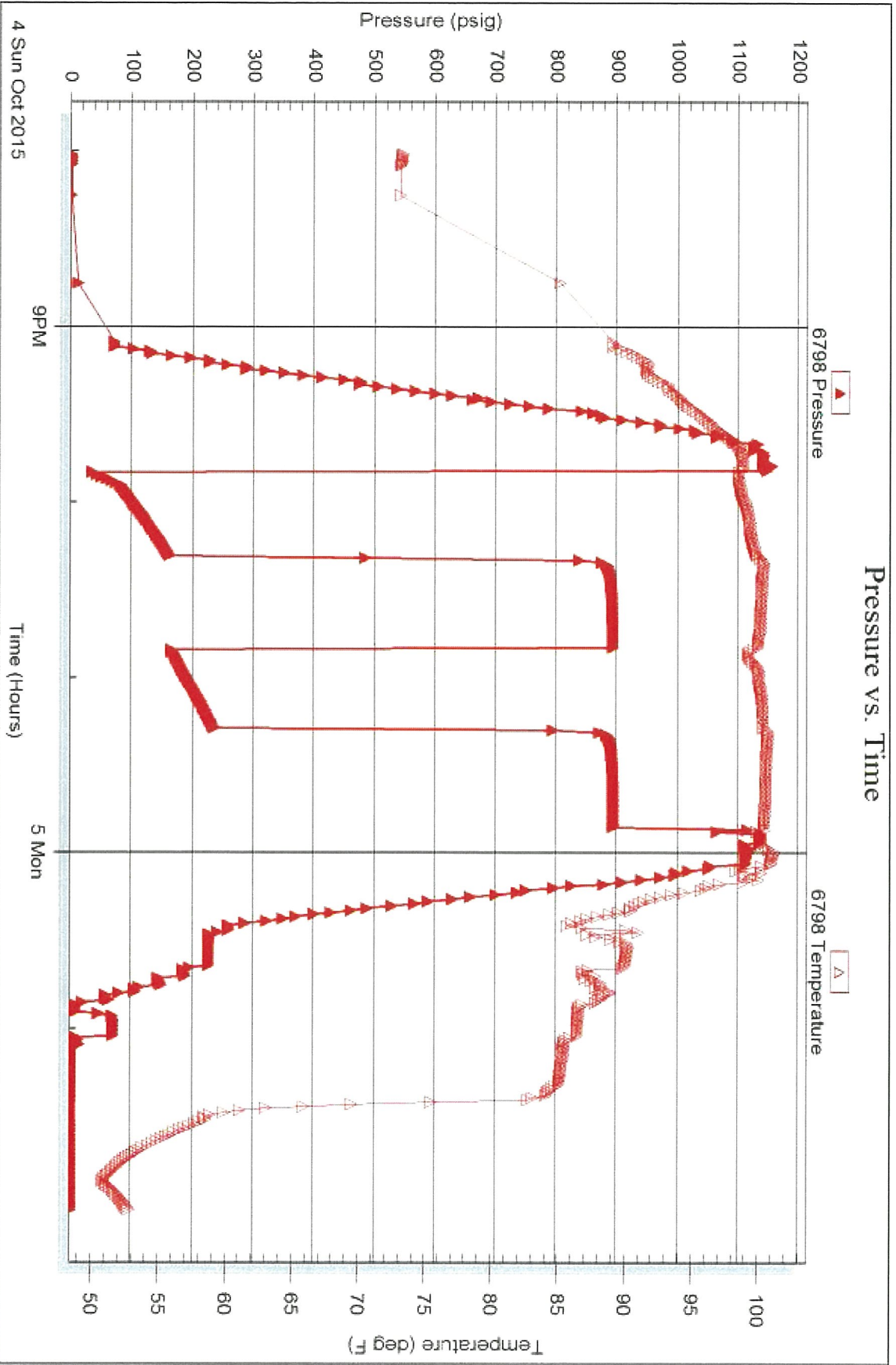
Serial #: 6798

Inside

Palomino Petroleum

Kaw #2

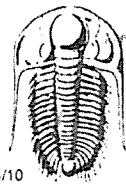
DST Test Number: 2



Tribble Testing, Inc

Ref. No: 59795

Printed 2015 10 06 @ 08 31 14



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59795

Well Name & No. KAW #2 Test No. 1 Date 10-3-15
 Company Palomino Petr. Inc. Elevation 1401 KB 1396 GL
 Address 4924 S.E. 24TH G. NEWTON KS. 67114
 Co. Rep / Geo. SCERRY + SMITH Rig WW DRUG. #6
 Location: Sec. 6 Twp. 27S Rge. 4E Co. MARION State Ks.

Interval Tested 2130 - 2200' Zone Tested ~~WALS~~ GWOPE / HERTHA
 Anchor Length 70' Drill Pipe Run 2007' Mud Wt. 9.0
 Top Packer Depth 2125' Drill Collars Run 120' Vis 44
 Bottom Packer Depth 5mcs 2130 Wt. Pipe Run 0 WL 8.8 cc
 Total Depth 2200' Chlorides 1600 ppm System LCM 1
 Blow Description IF; Fair blow. slow increase to 7 1/2"
ISI; No blow.
FF; Fair blow. slow increase to 7". FSI; No blow.

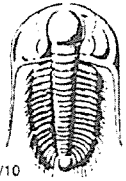
Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>Feet of WALS MW / w o specs</u>			<u>84</u>	<u>16</u>
<u>69</u>	<u>Feet of WM w / o specs</u>			<u>38</u>	<u>62</u>
<u>1</u>	<u>Feet of clean oil</u>				

Rec Total 190 BHT 940 Gravity N/A API RW .00 @ 74° F Chlorides 94,000 ppm
 (A) Initial Hydrostatic 1938 Test 1050 T-On Location 1802
 (B) First Initial Flow 32 Jars 250 T-Started 1906
 (C) First Final Flow 83 Safety Joint 75 T-Open 2045
 (D) Initial Shut-In 749 Circ Sub T-Pulled 2251
 (E) Second Initial Flow 85 Hourly Standby T-Out 0028
 (F) Second Final Flow 105 Mileage 222 Comments _____
 (G) Final Shut-In 732 Sampler _____
 (H) Final Hydrostatic 1032 Straddle _____
 Shale Packer 250 Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Day Standby _____ Sub Total 0
 Accessibility _____ Total 1847
 Sub Total 1847 MP/DST Disc't _____

Approved By _____

Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59796

Well Name & No. KAW #2 Test No. 2 Date 10-4-15
 Company PALOMINO PETL INC. Elevation 1401 KB 1396 GL
 Address 4924 S.E. 84TH ST. NEWTON KS. 67114
 Co. Rep / Geo. JERRY A. SMITH Rig WW DIRLG. #6
 Location: Sec. 6 Twp. 22S Rge. 4E Co. MARION State Ks.

Interval Tested 2316 - 2515 Zone Tested HUNTON
 Anchor Length 199' Drill Pipe Run 2195 ~~2200~~ Mud Wt. 9.4
 Top Packer Depth 2311' Drill Collars Run 120' Vis 44
 Bottom Packer Depth (SPACE) 2316' Wt. Pipe Run 0 WL 8.8cc
 Total Depth 2515 Chlorides 1900 ppm System. LCM I#

Blow Description IF: Strong blow. B.O.B. in 7 1/2 mins.
ISI: No blow.
FF: Fair to strong blow. B.O.B. in 19 mins.
FSL: No blow.

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Gas in pipe</u>				
<u>60</u>	<u>GMCO</u>	<u>7</u>	<u>70</u>		<u>23</u>
<u>250</u>	<u>GOEM</u>	<u>6</u>	<u>46</u>		<u>48</u>
<u>185</u>	<u>OCWM</u>		<u>9</u>	<u>17</u>	<u>74</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 495 FLOW/BHT 990 Gravity N/A API RW 22 @ 75 °F Chlorides 29,000 ppm

(A) Initial Hydrostatic <u>1147</u>	<input checked="" type="checkbox"/> Test <u>1050</u>	T-On Location <u>1757</u>
(B) First Initial Flow <u>33</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>2006</u>
(C) First Final Flow <u>166</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2149</u>
(D) Initial Shut-In <u>895</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>2353</u>
(E) Second Initial Flow <u>166</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>6211</u>
(F) Second Final Flow <u>238</u>	<input checked="" type="checkbox"/> Mileage <u>45 * 2 * (90)</u>	Comments <u>* 2 NIGHTS WITH</u>
(G) Final Shut-In <u>895</u>	<input type="checkbox"/> Sampler <u>45+45</u>	<u>MOTEL STAY</u>
(H) Final Hydrostatic <u>1147</u>	<input type="checkbox"/> Straddle	<u>* RETURNED TO LOAD TOOLS</u>

Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1715</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1715</u>	

Approved By _____ Our Representative Cory Pustay
 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.