



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1259933
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: _____



1259933

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: 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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
--	---	---

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Frye 2
Doc ID	1259933

All Electric Logs Run

Dual Reciever Cement Bond
Compensated Density Neutron
Dual Induction
Micro Resistivity

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Frye 2
Doc ID	1259933

Tops

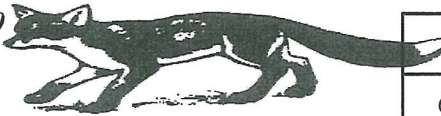
Name	Top	Datum
Anhy.	1954	(+564)
Base Anhy.	1978	(+540)
Heebner	3840	(-1322)
Lansing	3881	(-1363)
BKC	4168	(-1650)
Marmaton	4222	(-1704)
Pawnee	4297	(-1779)
Ft. Scott	4377	(-1859)
Cherokee Sh.	4400	(-1882)
Miss. Dol.	4484	(-1966)
LTD	4624	(-2106)

SWIFT



Services, Inc.

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



RECEIVED

JUN 18 2015 Invoice

DATE	INVOICE #
6/15/2015	28604

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	Frye	Trego	Express Well Serv...	Oil	Development	Cement 5-1/2" P...	David K.

PRICE REF.	DESCRIPTION	QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way	30	Miles	5.00	150.00
576D-D	Pump Charge - Port Collar	1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)	185	Sacks	15.75	2,913.75T
276	Flocele	45	Lb(s)	2.25	101.25T
290	D-Air	2	Gallon(s)	42.00	84.00T
105	5 1/2" Port Collar Tool Rental With Man	1	Each	275.00	275.00T
581D	Service Charge Cement	200	Sacks	1.50	300.00
582D	Minimum Drayage Charge	1	Each	250.00	250.00
	Subtotal				5,324.00
	Sales Tax Trego County			7.65%	258.11

We Appreciate Your Business!

Total

\$5,582.11



CHARGE TO: Plumbing Petroleum
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 28604

PAGE 1 OF 1

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

WELL/PROJECT NO. #2
 LEASE Frye
 COUNTY/PARISH Trego
 STATE KS
 CITY Arnold
 DATE 6-15-15
 OWNER Same

TICKET TYPE SERVICE SALES
 CONTRACTOR Express
 RIG NAME/NO.
 ORDER NO.

WELL TYPE 0:1
 WELL CATEGORY Development
 JOB PURPOSE Cement 5 1/2" Port Collar
 SHIPPED VIA WT
 DELIVERED TO Location
 WELL PERMIT NO.
 WELL LOCATION Arnold KS - 4y by 2y Win

INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE <u>TRK # 112</u>			30	mi	5.00	150.00
576 D					<u>Pump Charge - Port Collar</u>			1	job	1250.00	1250.00
330					<u>SMD Cement</u>			185	sk	15.75	2913.75
276					<u>Fluocel</u>			45	lbs	2.25	101.25
290					<u>D-Air</u>			2	gal	42.00	84.00
105					<u>Port Collar Tool Rental w/man</u>			1	job	275.00	275.00
581					<u>Service Charge Cement</u>			200	sk	1.50	300.00
582					<u>Minimum Drayage Charge</u>			1	ea	250.00	250.00

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

X Blair Winkler
 DATE SIGNED 6-15-15 TIME SIGNED 1400

REMIT PAYMENT TO:
 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?

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL 5324.00
 TOTAL 5582.11
 1 Rego TAX 7.0657
 258.11

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR David Kuehn APPROVAL
 Thank You!

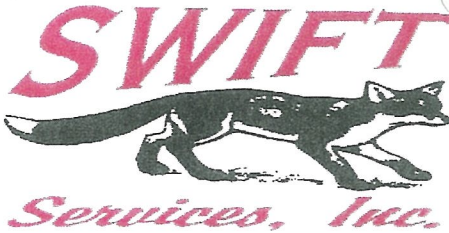
JOB LOG

SWIFT Services, Inc.

DATE 6-15-15 PAGE NO. 7

CUSTOMER Belomino Petroleum WELL NO. #2 LEASE Frye JOB TYPE Cement 5 1/2" Port Collar TICKET NO. 28604

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1145							on location
								P.C. - 1943' 2 3/8 x 5 1/2
								200 sks SMD w/ 1/4" Fb
	1245	Ø	Ø		✓	1000		Pressure test * Hold *
								open Port Collar
	1222	3 1/2	4		✓	450		Injection Rate
	1227	3 1/4	103		✓	400		mix 185 sks SMD w/ 1/4" Fb @ 11.2 pps
		3	7		✓	500		Displace Cement
								circulate <u>15 sks</u> cement to Pit
	1307	Ø	Ø		✓	1000		close Port Collar pressure test * Hold *
								Run 4 5 sks Sjs
	1315	3	20		✓	350		Reverse clean 185 sks total 15 sks to pit
								Wash up truck
	1400							Job Complete
								Thank You Dave John Preston



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



Invoice

DATE	INVOICE #
6/11/2015	28602

RECEIVED

JUN 15 2015

- Acidizing
- Cement
- Tool Rental

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

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#2	Frye	Trego	WW Drilling	Oil	Development	Cement 5-1/2" L...	David K.
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				30	Miles	5.00	150.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
409-5	5 1/2" Turbolizer				11	Each	75.00	825.00T
403-5	5 1/2" Cement Basket				2	Each	250.00	500.00T
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
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
419-5	5 1/2" Rotating Head Rental				1	Each	200.00	200.00T
325	Standard Cement				100	Sacks	12.25	1,225.00T
284	Calseal				5	Sack(s)	30.00	150.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
276	Flocele				50	Lb(s)	2.25	112.50T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.75	1,968.75T
290	D-Air				3	Gallon(s)	42.00	126.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				342.75	Ton Miles	0.75	257.06
	Subtotal							11,176.81
	Sales Tax Trego County						7.65%	702.44

We Appreciate Your Business!

Total

\$11,879.25



CHARGE TO: Palomino Petroleum
 ADDRESS
 CITY, STATE, ZIP CODE

TICKET 28602
 PAGE 1 OF 2

SERVICE LOCATIONS: Ness City KS WELL/PROJECT NO: #2 LEASE: Frye COUNTY/PARISH: Trego STATE: KS CITY: Arnold DATE: 6-11-15 OWNER: Same

TICKET TYPE: SERVICE CONTRACTOR: WTL Drilling RIG NAME/NO: #10 SHIPPED VIA: WT DELIVERED TO: Location ORDER NO.

WELL TYPE: Oil WELL CATEGORY: Development JOB PURPOSE: Cement 5 1/2" Longstring WELL PERMIT NO. WELL LOCATION: Arnold 15 - 4 1/2 hrs, 2 hrs

4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					Tnk # 112			30	m		5.00	150.00
578					Pump Charge - Longstring		1		job		1250.00	1250.00
409					Turbolizer		5 1/2	in		11 ea	75.00	825.00
403					Cement Basket		5 1/2	in		2 ea	250.00	500.00
406					Leak Down Plug + Baffle		5 1/2	in		1 ea	225.00	225.00
407					Insert Float Shoe w/Auto Fill		5 1/2	in		1 ea	300.00	300.00
404					Port Collar		5 1/2	in		1 ea	2500.00	2500.00
419					Retarding Head Rental		5 1/2	in		1 job	200.00	200.00

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

DATE SIGNED: 6-11-15 TIME SIGNED: 0730 A.M. P.M.

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

SURETY
 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?
 CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL #1: 5950.00
 PAGE TOTAL #2: 5226.81
 Subtotal: 11,176.81
 Freight: 702.40
 TAX: 716.58
 TOTAL: 11,879.79

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

SWIFT OPERATOR: David Huelsh APPROVAL:

Thank You



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

TICKET CONTINUATION

TICKET No. 28102

CUSTOMER Pelovino Petroleum WELL Frye # 2 DATE 6-11-15 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		UNIT PRICE		AMOUNT	
		LOC	ACCT	DF			QTY.	UM	QTY.	UM		PRICE
325		1										
284		1				Standard Cement			100	sk	12.25	1225.00
283		1				Celscal	5	%	5	sk	30.00	150.00
285		1				Salt	10	%	500	lbs	0.20	100.00
276		1				CFR-1	1/2	%	50	lbs	4.50	225.00
330		1				Flocele	1/4	fls	50	lbs	2.25	112.50
240		1				SMD Cement			125	sk	15.75	1968.75
221		1				D-Air			3	gal	42.00	126.00
281		1				Liquid KCL			4	gal	25.00	100.00
						Mud Flush			500	gal	1.25	625.00
581		1				SERVICE CHARGE			225		1.50	337.50
582		1				MILEAGE CHARGE			30		0.75	22.50
						TOTAL WEIGHT			23850			
						LOADED MILES			30			
						CUBIC FEET						
						TON MILES			342.75			

CONTINUATION TOTAL 5226.81

JOB LOG

SWIFT Services, Inc.

DATE 6-11-15 PAGE NO. 7

CUSTOMER Palomares Petroleum WELL NO. #2 LEASE Foye JOB TYPE Cement 5 1/2" Longstring TICKET NO. 28602

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0645							on Location
								RTD - 4622' LTD - 4621'
								TP - 4621.93' Set - 4618'
								SJ - "1 42.10' P.C. #64 1943'
								cent. "1" 2" 3" 5" 7" 9" 11" 13" 15" 17" 63
								Basket - "2" #64 5 1/2" 14#
	0855							Start 5 1/2" 14# casing in well
	1050							Drop Ball circulate * Rotate *
	1205	4 1/2	12			400		Pump 500 gal Mucel Flush
		4 1/2	20			400		Pump 20 bbl HCL Flush
			11					Plug RH (30 sks)
	1218	4 1/2	35			300		mix 95 sks SMD w/ 1/4" Flo @ 12.7 fpg
		4 1/2	24			200		mix 100 sks EA-2 w/ 1/4" Flo @ 15.5 fpg
								Wash out Pump & Lines
								Release Latch Down Plug
	1240	6 1/2	0			100		Start Displacement
		6 1/2	81			400		Lift Pressure
		6 1/2	111			900		Max Lift Pressure
	1300	6 1/2	111.7			1600		hand Latch Down Plug
								Release Pressure * Hold *
								wash up truck
	1330							Job Complete

Thank You
Dave John Rob



CONSOLIDATED
Oil Well Services, LLC

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

3026
20143
Invoice #804429
FIELD TICKET & TREATMENT REPORT
CEMENT

TICKET NUMBER 47972
LOCATION _____
FOREMAN Cory Davis
Kully G

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/4/15	6285	Frye #2	23	15S	25W	Trego
CUSTOMER <u>Palomino</u>			Wahweay Sto R# CG into T w into			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			<u>445</u>	<u>Cody R</u>		
STATE			<u>515</u>	<u>Bill S</u>		
ZIP CODE			<u>522</u>			

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 218 CASING SIZE & WEIGHT 8 5/8 24#
 CASING DEPTH 218 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.5 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting Rig up on w/w/o run casing Break Circ. with Rig Dump Hook up to Pump Truck mix 165 con 3% CC, 2% gel wash up pump lines & Displace 12.5 bbl water shut down in Rig Down

Cement Did Circulate

AP'd 5 bbl to AT

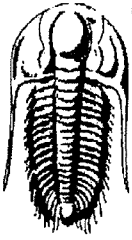
Thanks Cory & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	<u>CE 0451</u> 1150. ⁰⁰	1150. ⁰⁰
5406	50	MILEAGE	<u>CE 0002</u> 5.25	262.50
5407A	<u>7.75</u>	Ton mileage Delivery	<u>CE 0710</u> 1.75	678.13
1104S	165 sks	Class A Cement	<u>CC 5800</u> 18.55	3,060.75
1102	465 #	Calcium Chloride	<u>CC 5325</u> .94	437.10
1118B	310 #	Bentonite (gel)	<u>CC 5965</u> .27	83.70
			sub total	5,672.18
			2.5% 12.55	1,418.05
			sub total	4,254.13
			SALES TAX	205.49
			ESTIMATED TOTAL	4459.62

Revin 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.



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino
 4924 SE 84TH
 NEWTON KS.
 67114
 ATTN: Andrew Stenzel

Sec. 23 - 15 s. - 25 w./ Trego

Frye #2
 Job Ticket: 53756 **DST#: 1**
 Test Start: 2015.06.10 @ 11:53:00

GENERAL INFORMATION:

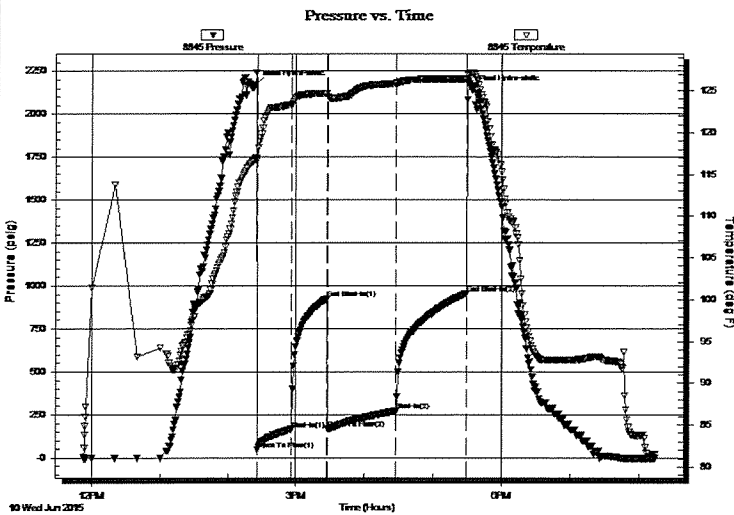
Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:25:45
 Time Test Ended: 20:14:30
 Interval: **4397.00 ft (KB) To 4518.00 ft (KB) (TVD)**
 Total Depth: 4622.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Initial)
 Tester: Bob Hamel
 Unit No: 72
 Reference Elevations: 2518.00 ft (KB)
 2513.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8845

Outside

Press@RunDepth: 271.17 psig @ 4401.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.06.10 End Date: 2015.06.10 Last Calib.: 2015.06.10
 Start Time: 11:53:05 End Time: 20:14:29 Time On Btm: 2015.06.10 @ 14:23:45
 Time Off Btm: 2015.06.10 @ 17:33:45

TEST COMMENT: I.F. - 30 - 1/2" INT. BLOW BUILT TO 4 1/2"
 I.S.I. - 30 - W.S.B.B. STARTED @ 13 MIN. NO BUILD
 F.F. - 60 - 1/2" INT. BLOW BUILT TO B.O.B. IN 14 MIN.
 F.S.I. - 60 - W.S.B.B. STARTED @ 2 1/2 MIN. BUILT TO 2"



PRESSURE SUMMARY

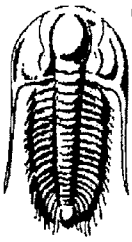
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2170.58	116.81	Initial Hydro-static
2	46.51	116.79	Open To Flow (1)
33	164.08	123.39	Shut-In(1)
63	922.55	124.66	End Shut-In(1)
64	167.28	124.33	Open To Flow (2)
123	271.17	125.87	Shut-In(2)
185	955.76	126.39	End Shut-In(2)
190	2143.28	127.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
378.00	M,C,G,O 20%M 20%G 60%O	4.15
275.00	CLEAN OIL 100%	3.86
292.00	G.I.P.	4.10

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino
4924 SE 84TH
NEWTON KS.
67114
ATTN: Andrew Stenzel

Sec. 23 - 15 s. - 25 w./ Trego
Frye #2
Job Ticket: 53756 **DST#: 1**
Test Start: 2015.06.10 @ 11:53:00

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:	ppm
Viscosity: 59.00 sec/qt	Cushion Volume: bbl		
Water Loss: 5.40 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
378.00	M,C,G,O 20%M 20%G 60%O	4.155
275.00	CLEAN OIL 100%	3.858
292.00	G.I.P.	4.096

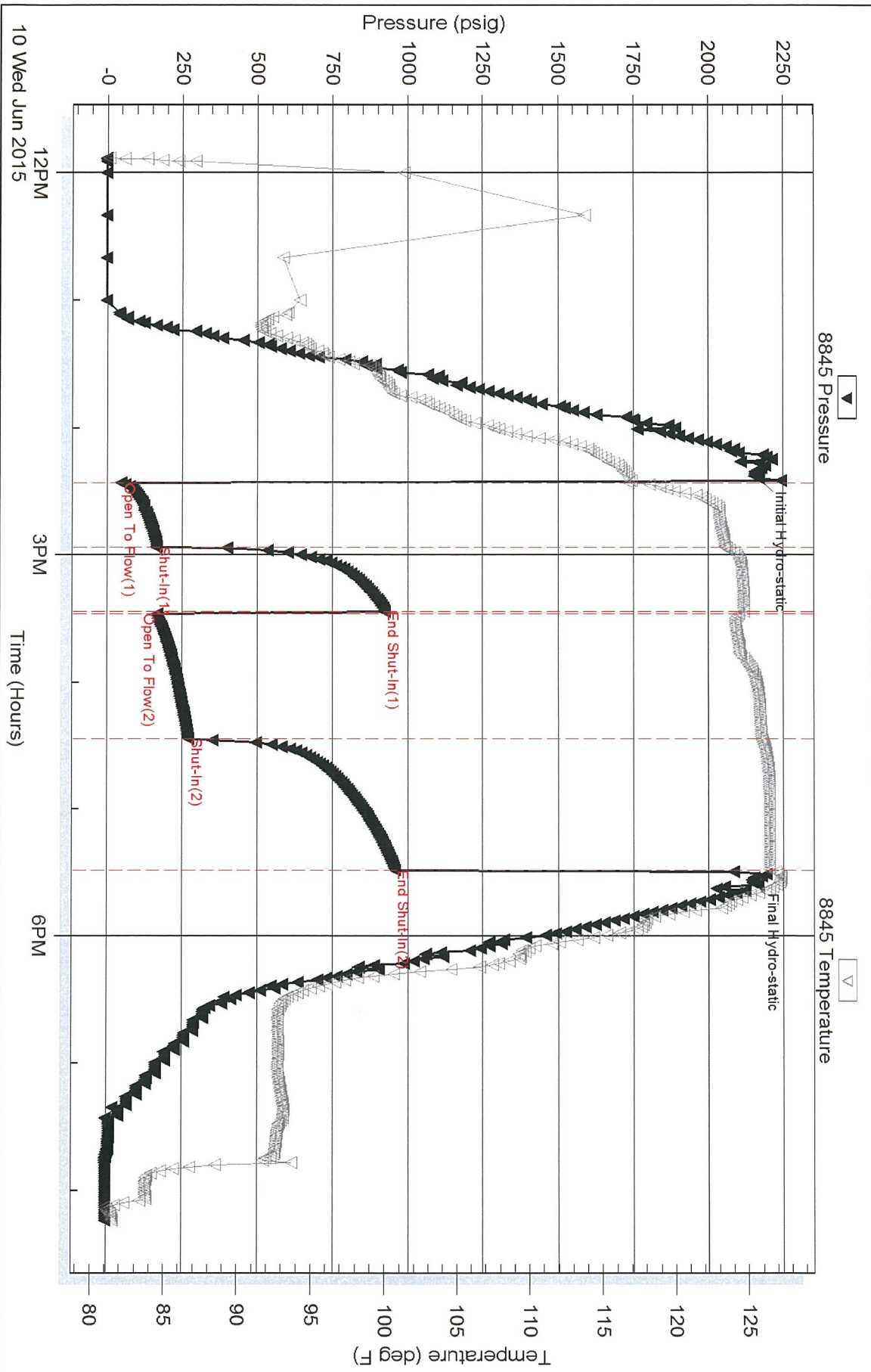
Total Length: 945.00 ft Total Volume: 12.109 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: OIL GRAVITY = 37.6 @ 60 DEG.

Pressure vs. Time



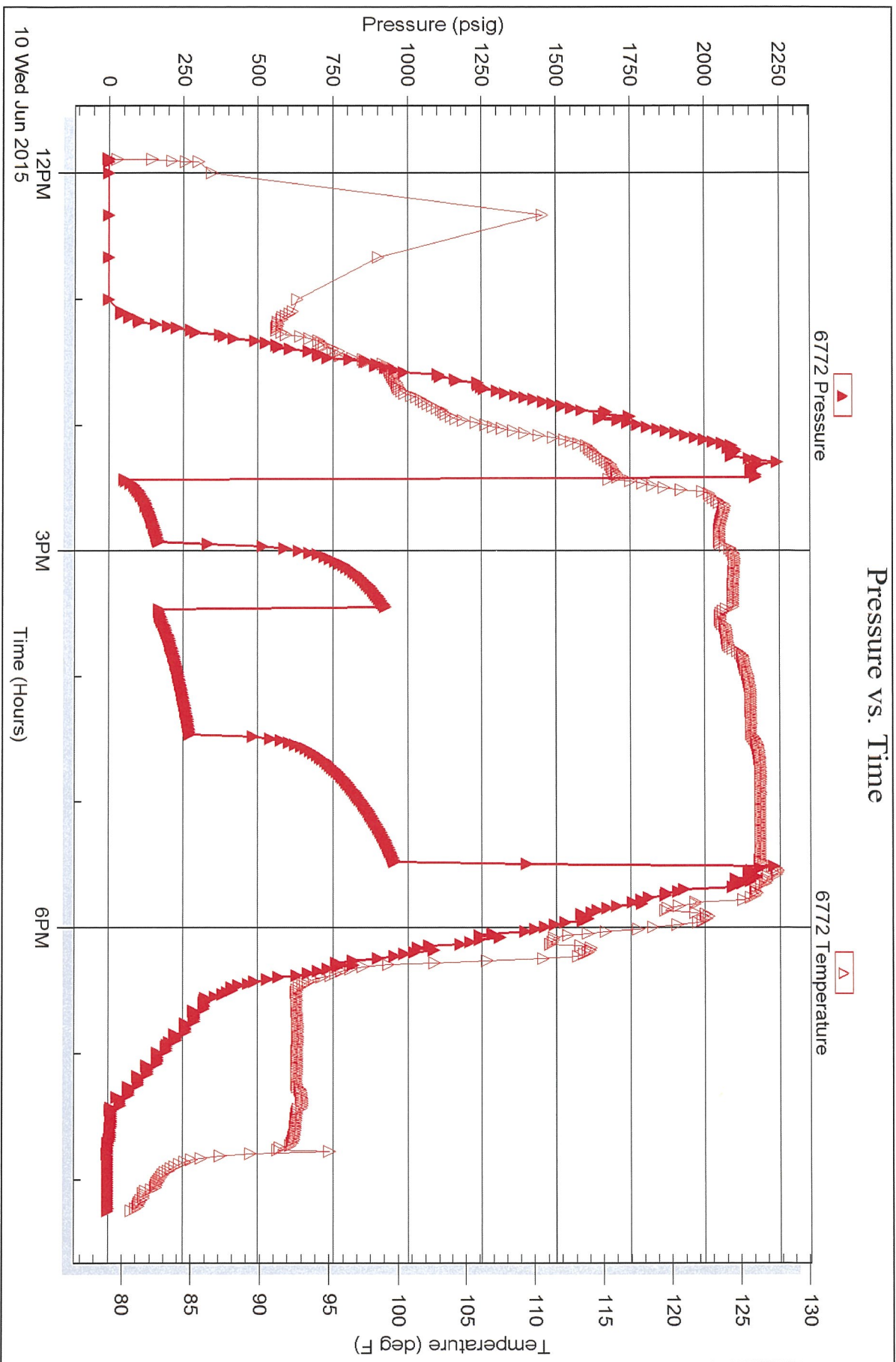
Serial #: 6772

Inside

Palomino

Flye #2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 53756

Printed: 2015.06.10 @ 23:07:58

