



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1318205
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: _____

1318205

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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	LAIRD 1
Doc ID	1318205

All Electric Logs Run

Dual Induction
Micro Resistivity
Dual Receiver Cement Bond
Compensated Density Neutron/PE

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	LAIRD 1
Doc ID	1318205

Tops

Name	Top	Datum
Anhy.	1830	(+559)
Base Anhy.	1868	(+521)
Heebner	3660	(-1271)
Toronto	3686	(-1297)
Lansing	3702	(-1313)
Muncie Creek	3852	(-1463)
Stark	3932	(-1543)
BKC	3991	(-1602)
Pawnee	4132	(-1743)
Ft. Scott	4196	(-1807)
Cherokee Sh.	4220	(-1831)
Miss.	4297	(-1908)
LTD	4430	(-2041)



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

RECEIVED

SEP 10 2016

Date: 9/7/2016
 Invoice # 1768
 P.O.#:
 Due Date: 10/7/2016
 Division: *Russell*

Invoice

Contact:
 Palomino Petroleum Inc
Address/Job Location:

4924 SE 84th
 Newton Ks 67114

Reference:
 LAIRD 1 SEC18-15-25

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 467.97	No				
Common-Class A	120	\$ 1,253.79	Yes				
Calcium Chloride	6	\$ 211.48	Yes				
POZ Mix-Standard	30	\$ 132.18	Yes				
Bulk Truck Matl-Material Service Charge	159	\$ 100.08	No				
Pump Truck Mileage-Job to Nearest Camp	27	\$ 76.47	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	27	\$ 59.48	No				
Premium Gel (Bentonite)	3	\$ 54.76	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 2,356.20
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (58.91)

SubTotal for Taxable Items: \$ 1,610.90
 SubTotal for Non-Taxable Items: \$ 686.40
 Total: \$ 2,297.29
 Tax: \$ 128.87

8.00% Trego County Sales Tax

Thank You For Your Business!

Amount Due: \$ 2,426.16
Applied Payments:
Balance Due: \$ 2,426.16

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.

©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025

Home Office P.O. Box 32 Russell, KS 67665

No. 1768

Cell 785-324-1041

Date	9-7-16	Sec.	18	Twp.	15	Range	25	County	Trego	State	KS	On Location		Finish	2:00 PM
								Location	WICOLE ERD 7/2V Binto						

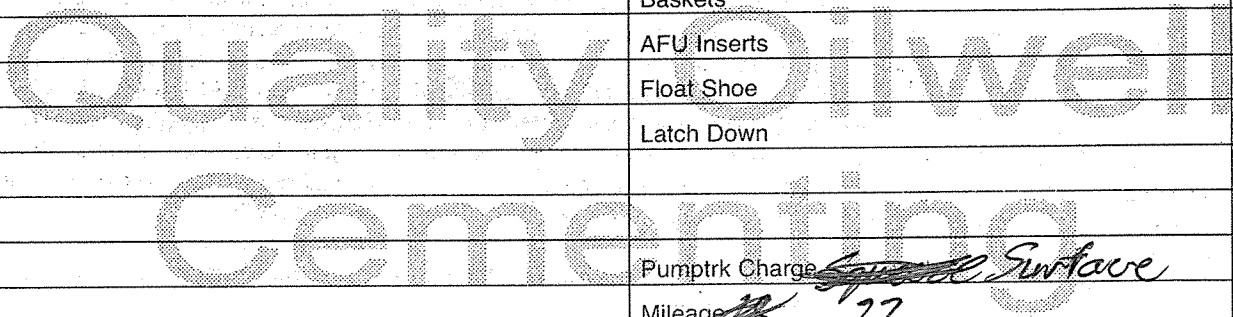
Lease	Laird	Well No.	1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Contractor	WW #14			Charge To	Galomino petroleum
Type Job	Surface			Street	
Hole Size	12 1/4	T.D.	223	City	
Csg.	8 5/8	Depth	222	State	
Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Tool		Depth		Cement Amount Ordered	150 @ 20 3/4 112.6 EL
Cement Left in Csg.	15'	Shoe Joint			

Meas Line		Displace	1334	Common	120
			EQUIPMENT	Poz. Mix	30
Pumptrk	20	No.	Cementer Craig	Gel.	3
			Helper	Calcium	6
Bulktrk		No.	Driver Dick		
			Driver		
Bulktrk	14	No.	Driver Doug		
			Driver		

JOB SERVICES & REMARKS			Hulls
Remarks:			Salt
Rat Hole			Flowseal
Mouse Hole			Kol-Seal
Centralizers			Mud CLR 48
Baskets			CFL-117 or CD110 CAF 38
D/V or Port Collar			Sand
8 5/8 on bottom. Est. Circulation.			Handling 159
Mix 150SK + Displace.			Mileage
Cement Circulated.			

			FLOAT EQUIPMENT
			Guide Shoe
			Centralizer
			Baskets
			AFU Inserts
			Float Shoe
			Latch Down

Pumptrk Charge	Surface	Tax	
Mileage	27	Discount	
		Total Charge	
Signature Noel Perez			





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



RECEIVED
SEP 19 2016

Invoice

DATE	INVOICE #
9/13/2016	29575

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	#1	Laird	Trego	WW Drilling #14	Oil	Development	5 1/2 Longstring	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	5.00	200.00
578D-L	Pump Charge - Long String				1	Job	1,250.00	1,250.00
403-5	5 1/2" Cement Basket				1	Each	250.00	250.00T
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
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
409-5	5 1/2" Turbolizer				11	Each	75.00	825.00T
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				55	Lb(s)	2.25	123.75T
283	Salt				500	Lb(s)	0.20	100.00T
284	Calseal				5	Sack(s)	30.00	150.00T
285	CFR-1				50	Lb(s)	4.50	225.00T
290	D-Air				3	Gallon(s)	42.00	126.00T
325	Standard Cement				100	Sacks	12.25	1,225.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	15.75	1,968.75T
581D	Service Charge Cement				225	Sacks	1.50	337.50
583D	Drayage				458.1	Ton Miles	0.75	343.58
	Subtotal							11,074.58
	Sales Tax Trego County						8.00%	715.48

We Appreciate Your Business!	Total	\$11,790.06
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Services, Inc.

CHARGE TO: PALMWOOD PETROLEUM

TICKET 29575

ADDRESS
CITY, STATE, ZIP CODE

PAGE 1 OF 2

1. SERVICE LOCATION: NESS CITY, KS.	WELL/PROJECT NO. LAIRD # 1	LEASE TREGO	COUNTY/TERRITORY WAGON, KS	STATE KS	CITY WAGON, KS	DATE 13SEP16	OWNER
2. TICKET TYPE <input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR WOOD DRILLING RIG # 14	RIG NAME/NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	WELL LOCATION E SIDE, 8N E 50S	
3. WELL TYPE OIL	WELL CATEGORY DEVELOPMENT	JOB PURPOSE S&L LONGSTRINGS	WELL PERMIT NO.				
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575					MILEAGE # 115-	40	mi			5.00	200.00
578					PUMP CHARGE	1	hour			125.00	125.00
403					CEMENT BASKET	1	EA			250.00	250.00
404					PORI COLLAR	1	EA			250.00	250.00
406					LATCH DOWN PLUG & BARGE	1	EA			225.00	225.00
407					INSERT FLOAT SHADE w/ BALL	1	EA			300.00	300.00
409					TURBOBLAZERS	11	EA			75.00	825.00
419					ROTATING HEAD RENTAL	1	DAY			200.00	200.00
281					MUD FLUSH	500	gal			1.35	675.00
281					RNL	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

DATE SIGNED: 13SEP16 TIME SIGNED: 16:40 A.M. P.M.

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

REMIT PAYMENT TO:

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: 6475.00

TOTAL: 11990.00

DATE: 13SEP16

TAX: 00.8800

SWIFT OPERATOR: [Signature]

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES: [Signature]

APPROVAL: [Signature]

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. 29575

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE	PAGE	OF
		LOC	ACCT	DF			NAME	#			
276						ELDCELE	QTY	U/M	13 SEP 16	2	2
283						SALT	55	lbs			
284						LAISEAL	500	lbs			
285						GER-1	5	SK			
290						D-AIR	50	lbs			
							3	gal			

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL		DATE	PAGE	OF
		LOC	ACCT	DF			NAME	#			
325						STANDARD EN2	QTY	U/M			
330						SMD CEMENT	120	SK			
581							120	SK			
583							125	SK			

SERVICE CHARGE
MILEAGE TOTAL 227.05
LOADED MILES 40
CUBIC FEET 225 SK
TON MILES 458.1

CONTINUATION TOTAL 41599.58

JOB LOG

SWIFT Services, Inc.

DATE: 13 SEP 16 PAGE NO.

CUSTOMER: TALAMINO PETROLEUM

WELL NO.

LEASE: LAIRD # 1

JOB TYPE: S¹/₂ LONG STRING

TICKET NO. 29575

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1000							ON LOCATION
	1245							START PIPE 5 ¹ / ₂ -14" RTD @ 4430 LTD @ 4430 SHOET, 44.23 SET @ CENTRALIZERS 1,2,4,6,8,10,12,14,15,17,63 BASKET. 64 PORT COLLAR # 64 @ 1816
	1437							DROP BALL - CIRCULATE.
	1517	6	12		✓			Pump 500 gal MUD FLUSH
		6	20		✓			Pump 20 BBL KCL SPACER
	1525		7.5					PLUG RH-30sx - MH-20SX
	1530	4	29		✓			MIX 75sx SMD
		4	24		✓			MIX 100sx EA-2
	1547							WASH OUT Pump & LINES.
	1549	6			✓			START DISPLACING PLUG.
	1605	Ø	107		✓	1500		PLUG DOWN - LATCH PLUG IN
	1608							RELEASE PSI - DRY
	1610							WASH TRUCK
	1645							JOB COMPLETE.
								THANKS # 115
								JASON DAVE SHANE.

SWIFT



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

RECEIVED

SEP 26 2016

Invoice

DATE	INVOICE #
9/22/2016	29784

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	#1	Laird	Trego	Express Well Serv...	Oil	Development	Cement Port Collar	Jason
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	5.00	200.00
576D-D	Pump Charge - Deep Surface (> 500 Ft.) & Port Collars				1	Job	1,250.00	1,250.00
276	Flocele				35	Lb(s)	2.25	78.75T
290	D-Air				2	Gallon(s)	42.00	84.00T
105	Port Collar Tool Rental With Man				1	Each	275.00	275.00T
330	Swift Multi-Density Standard (MIDCON II)				135	Sacks	15.75	2,126.25T
581D	Service Charge Cement				200	Sacks	1.50	300.00
583D	Drayage				399	Ton Miles	0.75	299.25
	Subtotal							4,613.25
	Sales Tax Trego County						8.00%	205.12
We Appreciate Your Business!							Total	\$4,818.37



Services, Inc.

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

TICKET 29784

PAGE 1 OF

1. SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
		<u>LAIRD #1</u>	<u>TREBO</u>	<u>KS</u>	<u>UTICA, KS.</u>	<u>22 SEP 16</u>	
2. TICKET TYPE	CONTRACTOR	RIG NAME NO.	SHIPPED VIA	DELIVERED TO	ORDER NO.	WELL LOCATION	
<input type="checkbox"/> SERVICE <input type="checkbox"/> SALES	<u>EXPRESS WELL SERV.</u>					<u>75N, E 50W</u>	
3. WELL TYPE	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.		INVOICE INSTRUCTIONS		
<u>OIL</u>	<u>DEVELOPMENT</u>	<u>CEMENT PORT COLLAR</u>					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
<u>575</u>					<u>MILEAGE # 115</u>	<u>410</u>	<u>mi</u>			<u>5.22</u>	<u>2150.00</u>
<u>576D</u>					<u>PUMP CHARGE</u>	<u>1500</u>	<u>hrs</u>			<u>1.25</u>	<u>1875.00</u>
<u>276</u>					<u>FLOCELE</u>	<u>35</u>	<u>lbs</u>			<u>2.25</u>	<u>78.75</u>
<u>290</u>					<u>D-AIR</u>	<u>20</u>	<u>gal</u>			<u>4.20</u>	<u>84.00</u>
<u>105</u>					<u>PORT COLLAR DRIVING TOOL</u>	<u>1500</u>	<u>hrs</u>			<u>1.85</u>	<u>277.50</u>
<u>330</u>					<u>SMD CEMENT</u>	<u>135</u>	<u>bx</u>			<u>1.57</u>	<u>212.25</u>
<u>581</u>					<u>CEMENT SERVICE CHARGE</u>	<u>200</u>	<u>bx</u>			<u>1.50</u>	<u>300.00</u>
<u>583</u>					<u>DRAYAGE</u>	<u>19950</u>	<u>lbs</u>	<u>399</u>	<u>07m</u>	<u>.75</u>	<u>299.25</u>

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: 22 Sep 16 TIME SIGNED: 1200 A.M. P.M.

SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UN-DECIDED	DIS-AGREE
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?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL: 4613 TOTAL: 4819.57

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 22 SEP 16 PAGE NO.

CUSTOMER PALOMINO PETROLEUM

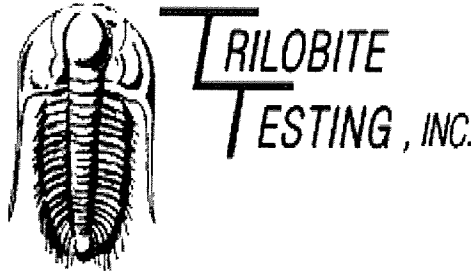
WELL NO.

LEASE LAIRD #1

JOB TYPE CEMENT PORT COLLAR

TICKET NO. 29784

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1015							ON LOCATION
								PORT COLLAR @ 1816
	1043				✓		1000	TEST - HELD
	1046							OPEN PORT COLLAR
	1049	4	75	✓		300		MIX 135sx SMD
		3	9½	✓		100		DISPLACE CEMENT
								CIRCULATE 20SX TO PIT
	1111							CLOSE PORT COLLAR - TEST - HELD
								RUN 4 JTS.
	1123	4	22	✓		300		REVERSE CLEAN
	1133							WASH TRUCK
	1200							JOB COMPLETE
								THANKS #115
								JASON DAVE JOHN



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc.**

4924 SE 84th St
Newton KS 67114

ATTN: Andrew Stenzel

Laird #1

18-15s-25w Gove,KS

Start Date: 2016.09.12 @ 06:48:15

End Date: 2016.09.12 @ 13:36:00

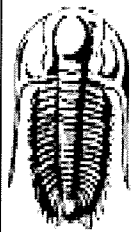
Job Ticket #: 65609 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2016.09.13 @ 13:14:51



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palomino Petroleum Inc.

18-15s-25w Gove, KS

4924 SE 84th St
New ton KS 67114

Laird #1

ATTN: Andrew Stenzel

Job Ticket: 65609

DST#: 1

Test Start: 2016.09.12 @ 06:48:15

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:55:15

Time Test Ended: 13:36:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

Interval: **4239.00 ft (KB) To 4346.00 ft (KB) (TVD)**

Total Depth: 4346.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2389.00 ft (KB)

2382.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 6751

Outside

Press@RunDepth: 292.78 psig @ 4341.00 ft (KB)

Start Date: 2016.09.12

End Date:

2016.09.12

Capacity: 8000.00 psig

Last Calib.: 2016.09.12

Start Time: 06:48:15

End Time:

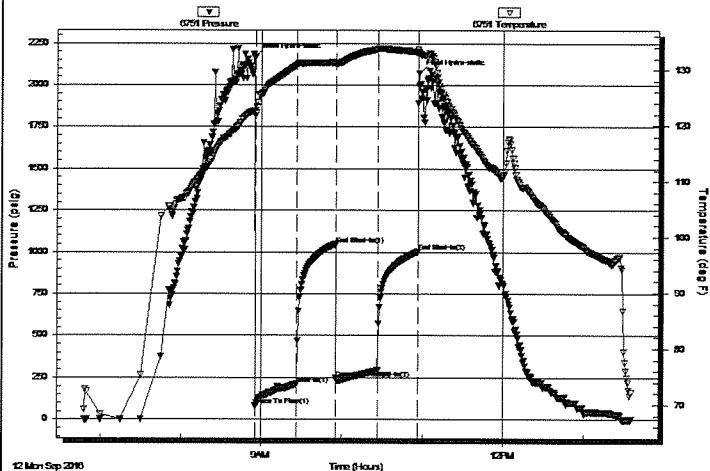
13:36:00

Time On Btm: 2016.09.12 @ 08:55:00

Time Off Btm: 2016.09.12 @ 10:57:00

TEST COMMENT: IF:BOB in 11 min.
IS:No return blow
FF:BOB in 17 min.
FS:No return blow

Pressure vs. Time



PRESSURE SUMMARY

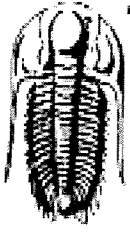
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2164.05	122.67	Initial Hydro-static
1	79.69	121.73	Open To Flow (1)
32	211.57	130.88	Shut-In(1)
61	1046.43	131.28	End Shut-In(1)
61	245.89	130.91	Open To Flow (2)
91	292.78	133.69	Shut-In(2)
122	1003.38	133.21	End Shut-In(2)
122	2070.60	133.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
179.00	ocgmw 2%o 8%g 30%m 60%w	1.45
186.00	gw mo 10%g 20%w 30%m 40%o	2.61
62.00	ocgm 5%o 45%g 50%m	0.87
67.00	mud 100%m	0.94

Gas Rates

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



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TOOL DIAGRAM

Palomino Petroleum Inc.

18-15s-25w Gove,KS

4924 SE 84th St
New ton KS 67114

Laird #1

Job Ticket: 65609

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2016.09.12 @ 06:48:15

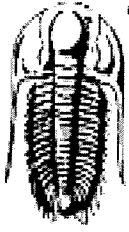
Tool Information

Drill Pipe:	Length: 4126.00 ft	Diameter: 3.80 inches	Volume: 57.88 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 117.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4239.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval betw een Packers:	107.00 ft			
Tool Length:	135.00 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			4212.00	
Shut In Tool	5.00			4217.00	
Hydraulic tool	5.00			4222.00	
Jars	5.00			4227.00	
Safety Joint	3.00			4230.00	
Packer	5.00			4235.00	28.00 Bottom Of Top Packer
Packer	4.00			4239.00	
Stubb	1.00			4240.00	
Perforations	4.00			4244.00	
Change Over Sub	1.00			4245.00	
Drill Pipe	95.00			4340.00	
Change Over Sub	1.00			4341.00	
Recorder	0.00	8672	Inside	4341.00	
Recorder	0.00	6751	Outside	4341.00	
Bullhose	5.00			4346.00	107.00 Bottom Packers & Anchor

Total Tool Length: 135.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc.

18-15s-25w Gove,KS

4924 SE 84th St
New ton KS 67114

Laird #1

Job Ticket: 65609

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2016.09.12 @ 06:48:15

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	14000 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.38 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
179.00	ocgmw 2%o 8%g 30%m 60%w	1.445
186.00	gw mo 10%g 20%w 30%m 40%o	2.609
62.00	ocgm 5%o 45%g 50%m	0.870
67.00	mud 100%m	0.940

Total Length: 494.00 ft Total Volume: 5.864 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .438 @ 78.9 = 14,000 ppm

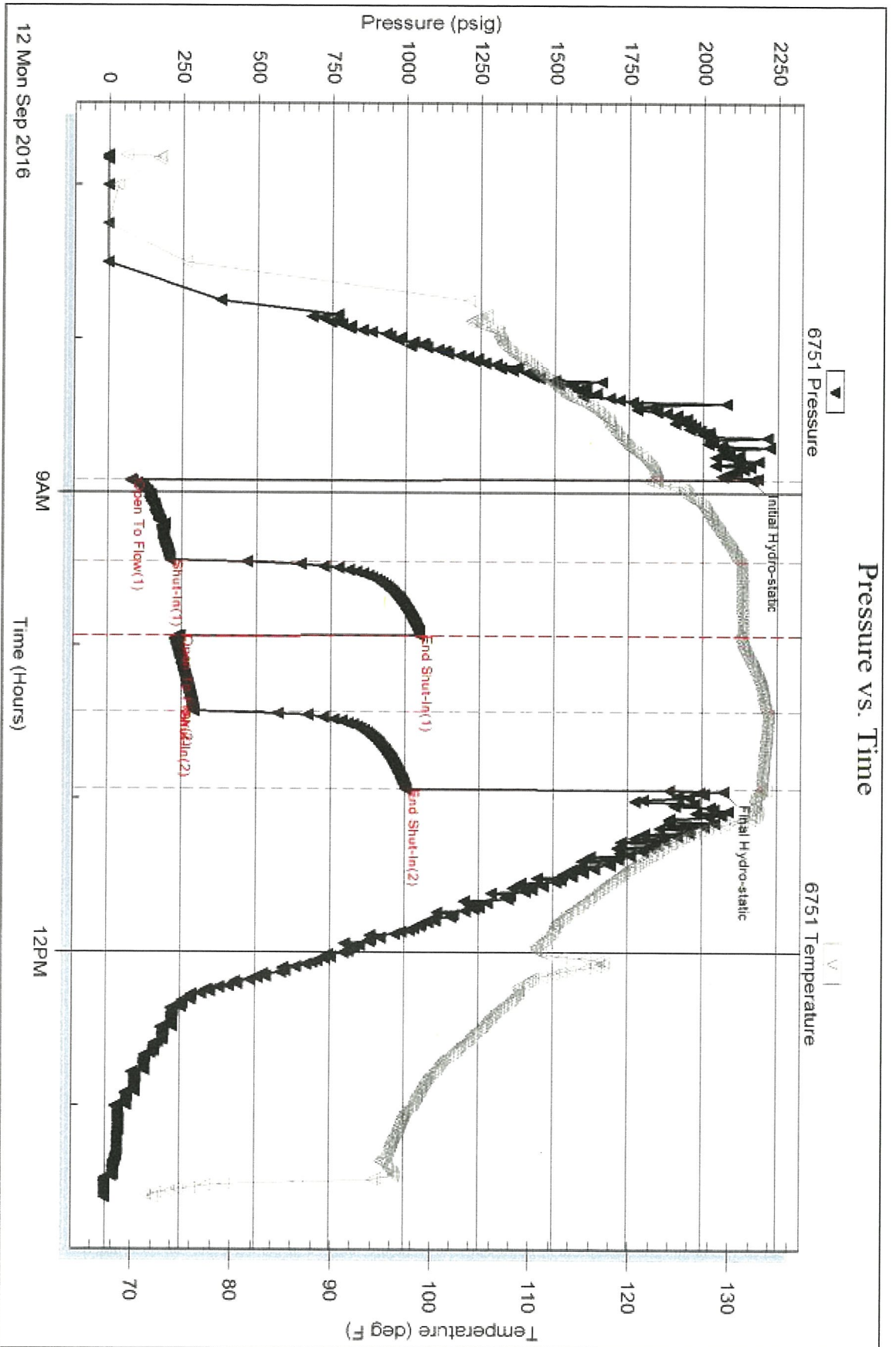
Serial #: 6751

Outside

Palomino Petroleum Inc.

Laird #1

DST Test Number: 1



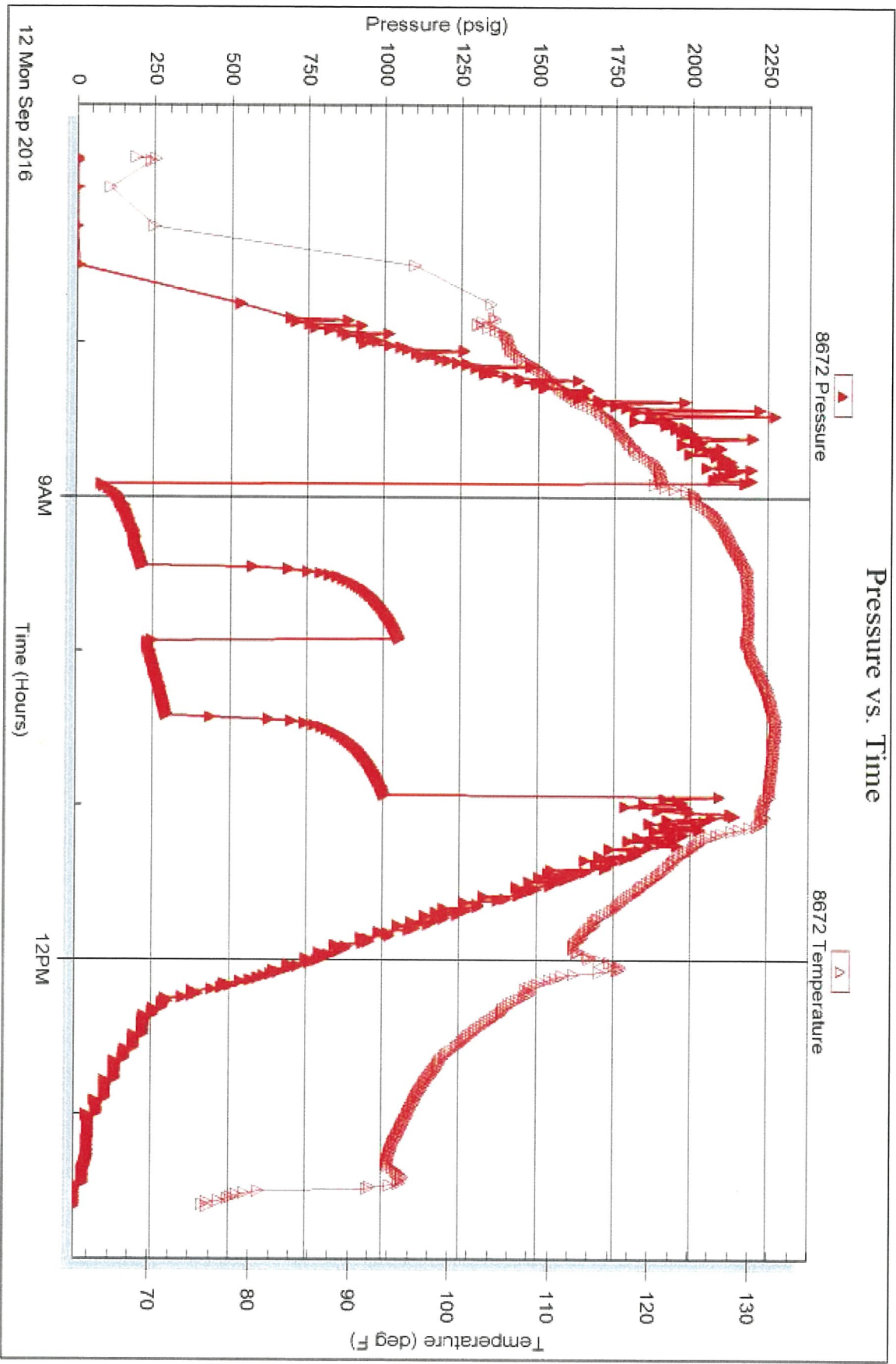
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Inside

Palomino Petroleum Inc.

Laird #1

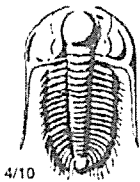
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 65609

Printed: 2016 09 13 @ 13:14:56



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 65609

Well Name & No. Laird #1 Test No. 1 Date 9-12-16
 Company Palomino Petroleum Inc Elevation 2389 KB 2382 GL
 Address 4924 SE 89th St Newton KS 67114
 Co. Rep / Geo. Andrew Stenzel Rig WW14
 Location: Sec. 18 Twp. 15S Rge 25W Co. Grove State KS

Interval Tested 4239-4346 Zone Tested Miss
 Anchor Length 107 Drill Pipe Run 4126 Mud Wt. 9.1
 Top Packer Depth 4234 Drill Collars Run 117 Vis 60
 Bottom Packer Depth 4239 Wt. Pipe Run 0 WL 6.4
 Total Depth 4346 Chlorides 1500 ppm System LCM 5

Blow Description IF: BOB in 11 Min
IS: No Return Blow
FF: BOB in 17 Min
FS: No Return Blow

Rec	Feet of		%gas	%oil	%water	%mud
<u>67</u>	<u>Feet of MUD</u>				<u>100</u>	
<u>62</u>	<u>Feet of OCGM</u>	<u>45</u>	<u>5</u>		<u>50</u>	
<u>186</u>	<u>Feet of OCGM WMO</u>	<u>10</u>	<u>40</u>	<u>20</u>	<u>30</u>	
<u>179</u>	<u>Feet of OCGM (Collars)</u>	<u>8</u>	<u>2</u>	<u>60</u>	<u>30</u>	
Rec	Feet of		%gas	%oil	%water	%mud

Rec Total 494 BHT _____ Gravity _____ API RW 438 @ 78.9° F Chlorides 14000 ppm
 (A) Initial Hydrostatic 2164 Test \$1150.00 T-On Location 05:40
 (B) First Initial Flow 79 Jars \$250.00 T-Started 06:48
 (C) First Final Flow 211 Safety Joint \$75.00 T-Open 08:55
 (D) Initial Shut-In 1046 Circ Sub NC T-Pulled 10:55
 (E) Second Initial Flow 295 Hourly Standby _____ T-Out 13:36
 (F) Second Final Flow 292 Mileage 120RT = \$90.00 Comments Loaded Tools
 (G) Final Shut-In 1003 Sampler X2 +90 02:00 - 9-13-16
 (H) Final Hydrostatic 2070 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1655
 Accessibility _____ 1655 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total \$1565.00/-

Approved By [Signature] Our Representative Mike Roberts
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