



KANSAS CORPORATION COMMISSION 1097538  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30742  
Name: Palomino Petroleum, Inc.  
Address 1: 4924 SE 84TH ST  
Address 2: \_\_\_\_\_  
City: NEWTON State: KS Zip: 67114 + 8827  
Contact Person: Klee R. Watchous  
Phone: (316) 799-1000  
CONTRACTOR: License # 5822  
Name: Val Energy, Inc.  
Wellsite Geologist: Saman Sharifaie  
Purchaser: NCRA

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW  
 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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
08/22/2012    09/01/2012    10/05/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-135-25462-00-00  
Spot Description: \_\_\_\_\_  
SE SE SW SW Sec. 22 Twp. 16 S. R. 26  East  West  
196 Feet from  North /  South Line of Section  
1201 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Ness  
Lease Name: Peters-Allen Well #: 1  
Field Name: Wildcat  
Producing Formation: Ft. Scott & Mississippian  
Elevation: Ground: 2645 Kelly Bushing: 2655  
Total Depth: 4685 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 213 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 2022 Feet  
If Alternate II completion, cement circulated from: 2022  
feet depth to: 0 w/ 200 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls  
Dewatering method used: Evaporated  
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

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 10/24/2012



1097538

Operator Name: Palomino Petroleum, Inc. Lease Name: Peters-Allen Well #: 1  
 Sec. 22 Twp. 16 S. R. 26  East  West County: Ness

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Radiation Guard Log Dual Receiver Cement Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
--	--

CASING RECORD <input checked="" 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
Surface	12.25	8.625	23	213	Class A	150	3%cc 2%gel
Production	7.875	5.5	14	4685	SMD EA-2	175	500 gal mud flush 20bbl KCL

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing	-			
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	4604'-08', 4610'-14'	450 gal L-K 15/10	
4	4476'-80'	600 gals. 15% NE with 2% m.s.	
	CIPB set @ 4525'		

TUBING RECORD: Size: <u>2.875</u> Set At: <u>4521.8</u> Packer At: <u> </u>		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>10/18/2012</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>17</u>	Gas Mcf <u> </u> Water Bbls. <u>0</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

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 checked="" 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 (Specify) _____	PRODUCTION INTERVAL: _____ _____
---	--	--

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Peters-Allen 1
Doc ID	1097538

Tops

Anhy.	2064	(+591)
Base Anhy.	2095	(+560)
Topeka	3631	(-976)
Heebner	3934	(-1319)
Lansing	3974	(-1319)
BKC	4318	(-1726)
Marmaton	4281	(-1626)
Pawnee	4410	(-1755)
Ft. Scott	4475	(-1820)
Cherokee Sh.	4501	(-1846)
Miss.	4590	(-1935)
Miss. Dolo.	4594	(-1939)
LTD	4677	(-2022)



RECEIVED  
SEP 17 2012

# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 132633  
Invoice Date: Sep 2, 2012  
Page: 1

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



**Bill To:**

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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Palo	Peters-Allen #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Sep 2, 2012	10/2/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	17.90	2,685.00
3.00	MAT	Gel	23.40	70.20
5.00	MAT	Chloride	64.00	320.00
162.09	SER	Cubic Feet	2.48	401.98
222.00	SER	Ton Mileage	2.60	577.20
1.00	SER	Surface	1,512.25	1,512.25
30.00	SER	Pump Truck Mileage	7.70	231.00
30.00	SER	Light Vehicle Mileage	4.40	132.00
1.00	CEMENTER	Dustin Chambers		
1.00	EQUIP OPER	Joshua Isaac		
1.00	EQUIP OPER	Joel Monahan		

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

\$ 1778.88

ONLY IF PAID ON OR BEFORE  
Sep 27, 2012

Subtotal	5,929.63
Sales Tax	193.74
Total Invoice Amount	6,123.37
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,123.37</b>



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



RECEIVED

SEP 06 2012

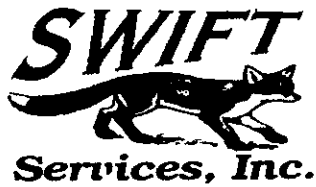
# Invoice

DATE	INVOICE #
8/31/2012	23224

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	Peters-Allen	Ness	Val Energy #2	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
578D-L	Pump Charge - Long String				1	Job	1,500.00	1,500.00
402-5	5 1/2" Centralizer				1	Each	70.00	70.00T
403-5	5 1/2" Cement Basket				3	Each	250.00	750.00T
404-5	5 1/2" Port Collar				1	Each	2,400.00	2,400.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				14	Each	90.00	1,260.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.50	2,062.50T
325	Standard Cement				100	Sacks	13.50	1,350.00T
284	Calseal				5	Sack(s)	35.00	175.00T
283	Salt				500	Lb(s)	0.20	100.00T
285	CFR-1				50	Lb(s)	4.00	200.00T
276	Flocele				50	Lb(s)	2.00	100.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				408.52	Ton Miles	1.00	408.52
	Subtotal							12,461.02
	Sales Tax Ness County						6.30%	621.34
<b>We Appreciate Your Business!</b>							<b>Total</b>	<b>\$13,082.36</b>



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

TICKET No 23224

PAGE 1 OF 2

SERVICE LOCATIONS 1. Ness City KS WELL/PROJECT NO. 1 LEASE Petero-Allen COUNTY/PARISH Ness STATE KC CITY Utica DATE 31 AUG 12 OWNER  
 2. TICKET TYPE  SERVICE  SALES CONTRACTOR VAL RIG NAME/NO. 2 SHIPPED VAL DELIVERED TO Location ORDER NO.  
 3. WELL TYPE oil WELL CATEGORY Development JOB PURPOSE Cement long string WELL PERMIT NO. 22-6-26W  
 4. REFERRAL LOCATION INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	40		mi		6.00	240.00
578		1			Pump Charge	1		ea		1500.00	1500.00
402		1			Centralizer	5 1/2	1	in	ea	70.00	70.00
403		1			Cement Basket	5 1/2	3	in	ea	250.00	750.00
404		1			Port Collar	5 1/2	1	in	ea	2400.00	2400.00
406		1			Latch down plug & baffle	5 1/2	1	in	ea	250.00	250.00
407		1			Insert float shoe w/ AUTO FILL	5 1/2	1	in	ea	350.00	350.00
409		1			Turbolizer	5 1/2	14	in	ea	90.00	1260.00
					From Continuation page					page 1 6630.00	
										page 2 5641.02	

**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 [Signature]  
 DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  
 A.M.  
 P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				5/17	12461.02
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					
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	13,082.36

7.88% TAX 6.3134

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

SWIFT OPERATOR [Signature] APPROVAL \_\_\_\_\_

Thank You!



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

TICKET CONTINUATION

TICKET No. 23224

CUSTOMER *Palamino Petroleum* WELL *Peters - Allen #1* DATE *31 AUG 12* PAGE *2* OF *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE		AMOUNT	
		LOC	ACCT	OF			QTY.	U/M	QTY.	U/M		
320		1				SMD cement	125	sk		16.50	2062.50	
325		1				STANDARD cement (for EA-2)	100	sk		13.50	1350.00	
284		1				calseal	500	lb	5	sk	35.00	175.00
283		1				salt	500	lb		0.20	100.00	
285		1				CFR-1	50	lb		4.00	200.00	
376		1				flocel	50	lb		2.00	100.00	
281		1				mud flush	500	gal		1.25	625.00	
221		1				KCh liquid	4	gal		25.00	100.00	
290		1				D-AIR	2	gal		35.00	70.00	
581		1				SERVICE CHARGE				2.00	450.00	
583		1				MILEAGE CHARGE				1.00	408.52	
						TOTAL WEIGHT	20426					
						LOADED MILES	90					
						TON MILES			408.52			

CONTINUATION TOTAL 5641.02

JOB LOG

SWIFT Services, Inc.

DATE 31 AUG 12 PAGE NO.

CUSTOMER Palmarco Petroleum WELL NO. 1 LEASE Patee - Allen JOB TYPE Cement long string TICKET NO. 23224

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								225 sks (125 SMD 100 sks SA-2) 112 jts 5 1/2" 14" 4685' 21' shoe jt Centralize 1,2,3,4,5,6,7,8,10,11,12,14,15,17,62 Basket "2, 9, 63 port collar "63 2022" RTD 4685'
	1400							on loc TRK 114 start 5 1/2" 14" casing in hole
	1715							Drop ball - circulate
	2055	4 3/4	12				200	Pump 500 gal mud flush
		4 3/4	20				200	Pump 20 bbl KCh flush
	2100		7					Plug RH - MH 30SKS - 20SKS
	2109	4 3/4	38				200	mix SMD cement 75 SKS @ 12.7 ppg
		4 3/4	24				200	mix SA-2 cement 100 SKS @ 15.3 ppg
								Drop latch drum plug
								wash out pump & line
	2130	6 3/4					300	Displace plug
		6 3/4	100				950	
	2150	6 3/4	114				1000	Land plug
	2200							Release pressure to truck - dried up
								wash truck
								RACK UP
	2240							job complete Trucks RT Blaw Rob & Dale





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



RECEIVED

SEP 13 2012

# Invoice

DATE	INVOICE #
9/11/2012	23176

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	Peter Allen	Ness	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Wayne
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
105	Port Collar Tool Rental With Man				1	Each	350.00	350.00T
107	Stripper Head Rental Per Day				1	Each	250.00	250.00T
330	Swift Multi-Density Standard (MIDCON II)				200	Sacks	16.50	3,300.00T
276	Flocele				50	Lb(s)	2.00	100.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
583D	Drayage				446.4	Ton Miles	1.00	446.40
	Subtotal							6,456.40
	Sales Tax Ness County						6.30%	256.41
<b>We Appreciate Your Business!</b>							<b>Total</b>	\$6,712.81



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

TICKET  
 N° 23176

PAGE 1 OF 1

1. SERVICE LOCATIONS <b>NESS CITY, KS</b>	WELL/PROJECT NO. <b>#1</b>	LEASE <b>PETER ALLEN</b>	COUNTY/PARISH <b>NESS</b>	STATE <b>Ks</b>	CITY	DATE <b>9-11-12</b>	OWNER <b>SAME</b>
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <b>CHEYANE WELL SERVICE</b>	RIG NAME/NO.	SHIPPED VIA <b>CT</b>	DELIVERED TO <b>LOCATION</b>	ORDER NO.	
3.	WELL TYPE <b>OIL</b>	WELL CATEGORY <b>DEVELOPMENT</b>	JOB PURPOSE <b>CENTR. PORT COLGAR</b>	WELL PERMIT NO.	WELL LOCATION <b>UTICA, KS - 1W, NOW</b>		
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT	
		LOC	ACCT	DF								
575		1			MILEAGE # 110	40		MI		6.00	240	00
576D		1			PUMP CHARGE	1		JOB		1250.00	1250	00
105		1			PORT COLGAR OPENING TOOL	1		JOB		350.00	350	00
107		1			STROPPER HEAD RENTAL	1		JOB		250.00	250	00
330		1			SWEET MUIZ - DENSITY STAINERS	200		SB		16.50	3300	00
276		1			FLOCLE	50		BS		2.00	100	00
290		1			D-ADD	2		GAL		35.00	70	00
581		1			SERVICE CHARGE COMEST	225		EX		2.00	450	00
583		1			DRAYAGE	22320		BS	446.47m	1.00	446	40

**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 *[Signature]*

DATE SIGNED **9-11-12** TIME SIGNED **0800**  A.M.  P.M.

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

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					6456.40
WE UNDERSTOOD AND MET YOUR NEEDS?					
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					7 <sup>55</sup> TAX 6.3% 256.41
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TOTAL	6712.81
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					

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

SWIFT OPERATOR **WAYNE WILSON** APPROVAL

Thank You!

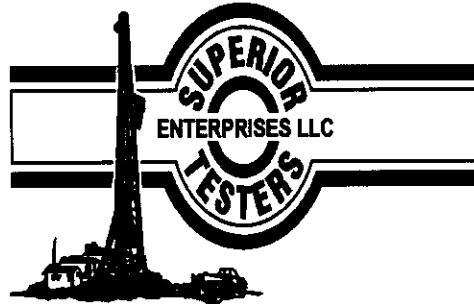
JOB LOG

SWIFT Services, Inc.

DATE 9-11-12 PAGE NO. 1

CUSTOMER PALMWOOD PETROLEUM WELL NO. #1 LEASE PETER ALLEN JOB TYPE CEMENT PORT CURE TICKET NO. 23176

CHART NO.	TIME	RATE (BPM)	VOLUME (BBLS/GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	0800							ON LOCATION
								TUBING - 2 3/8 CASING - 5 1/2 PORT CURE - 2058
	0830				✓		1000	PSE TEST CASING - HEAD
	0835	3	3	✓		350		OPEN PORT CURE - TEST RATE
	0840	4	111	✓		350		MIX CEMENT 200 SKS SMA @ 11.2 PPG
	0915	4	7	✓		550		DISPLACE CEMENT
	0920				✓		1000	CLOSE PORT CURE - PSE TEST - HEAD
								CIRCULATE 15 SKS CEMENT TO POT
	0935	4	20	✓			400	RUN 5 JTS - CIRCULATE CLEAN
								WASH TRUCK
	1030							JOB COMPLETE
								THANK YOU WAYNE, TJ, ISAAC



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 se 84th St Newton KS 67114+8827

ATTN:

**Peters-Allen #1**

**22-16-26 Ness**

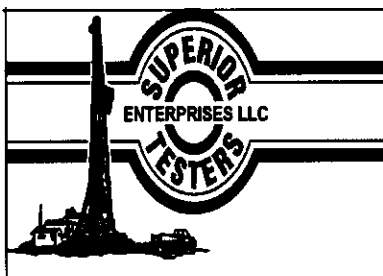
Start Date: 2012.08.30 @ 17:05:00

End Date: 2012.08.31 @ 03:09:00

Job Ticket #: 17805                      DST #: 1

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2012.08.31 @ 10:15:29



# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 se 84th St New ton KS 67114+8827  
 ATTN:

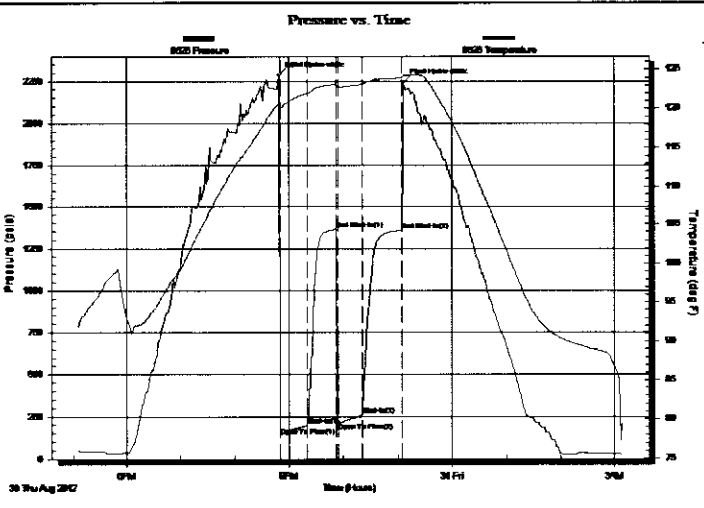
**22-16-26 Ness**  
**Peters-Allen #1**  
 Job Ticket: 17805      **DST#: 1**  
 Test Start: 2012.08.30 @ 17:05:00

## GENERAL INFORMATION:

Formation: **Ft Scott**  
 Deviated: No      Whipstock:      ft (KB)  
 Test Type: Conventional Straddle (Initial)  
 Time Tool Opened: 20:50:00      Tester: Jared Scheck  
 Time Test Ended: 03:09:00      Unit No: 3320-Great Bend-190  
 Interval: **4450.00 ft (KB) To 4521.00 ft (KB) (TVD)**      Reference Elevations: 2657.00 ft (KB)  
 Total Depth: 4683.00 ft (KB) (TVD)      2647.00 ft (CF)  
 Hole Diameter: 6.75 inches      Hole Condition: Poor      KB to GR/CF: 10.00 ft

**Serial #: 8525      Inside**  
 Press@RunDepth: 257.69 psia @ 4519.00 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2012.08.30      End Date: 2012.08.31      Last Calib.: 2012.08.31  
 Start Time: 17:06:00      End Time: 03:09:00      Time On Btm: 2012.08.30 @ 20:49:00  
 Time Off Btm: 2012.08.30 @ 23:06:30

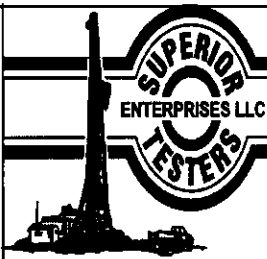
**TEST COMMENT:** 1st Opening 30 Minutes-Strong blow built bottom of bucket in 7 1/2 minutes tool chased 8 feet  
 1st Shut-in 30 Minutes-Very weak blow back  
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 8 minutes  
 2nd Shut-in 30 Minutes-4 inch blow back



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2284.10	120.62	Initial Hydro-static
1	136.68	120.08	Open To Flow (1)
31	196.11	121.93	Shut-In(1)
64	1360.09	123.14	End Shut-In(1)
65	212.34	122.71	Open To Flow (2)
92	257.69	123.11	Shut-In(2)
136	1355.02	123.94	End Shut-In(2)
138	2243.01	124.18	Final Hydro-static

Length (ft)	Description	Volume (bbl)
360.00	gassy oil cut mud 40%gas 40%oil 20%	15.05
60.00	muddy w water 40%mud 60 % water	0.84
0.00	840 feet gas in pipe	0.00
0.00	Chlorides 80,000 resistivity .1@65 degre	0.00

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



# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 se 84th St New ton KS 67114+8827  
 ATTN:

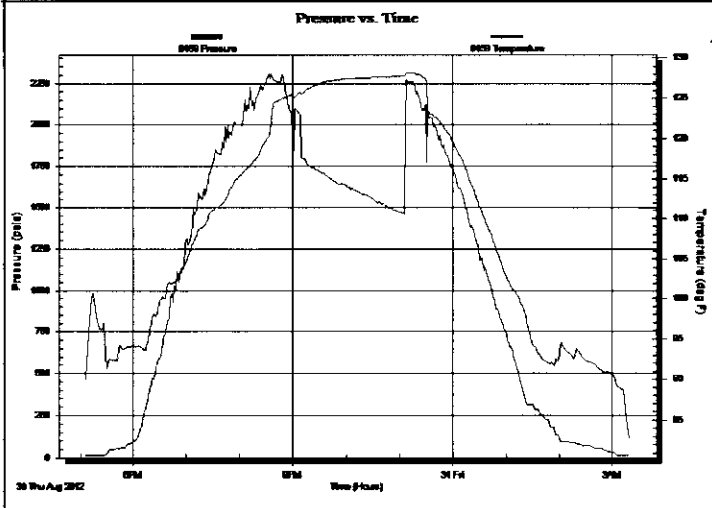
**22-16-26 Ness**  
**Peters-Allen #1**  
 Job Ticket: 17805 **DST#: 1**  
 Test Start: 2012.08.30 @ 17:05:00

## GENERAL INFORMATION:

Formation: **Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Straddle (Initial)  
 Time Tool Opened: 20:50:00 Tester: Jared Scheck  
 Time Test Ended: 03:09:00 Unit No: 3320-Great Bend-190  
 Interval: **4450.00 ft (KB) To 4521.00 ft (KB) (TVD)** Reference Elevations: 2657.00 ft (KB)  
 Total Depth: 4683.00 ft (KB) (TVD) 2647.00 ft (CF)  
 Hole Diameter: 6.75 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

**Serial #: 8159 Below**  
 Press@RunDepth: psia @ 4683.92 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.08.30 End Date: 2012.08.31 Last Calib.: 2012.08.31  
 Start Time: 17:06:00 End Time: 03:21:40 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 1st Opening 30 Minutes-Strong blow built bottom of bucket in 7 1/2 minutes tool chased 8 feet  
 1st Shut-in 30 Minutes-Very weak blow back  
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 8 minutes  
 2nd Shut-in 30 Minutes-4 inch blow back



## PRESSURE SUMMARY

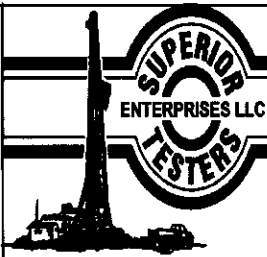
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
360.00	gassy oil cut mud 40%gas 40%oil 20% m	5.05
60.00	muddy water 40%mud 60 % water	0.84
0.00	840 feet gas in pipe	0.00
0.00	Chlorides 80,000 resistivity .1@65 deg	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 se 84th St New ton KS 67114+8827  
 ATTN:

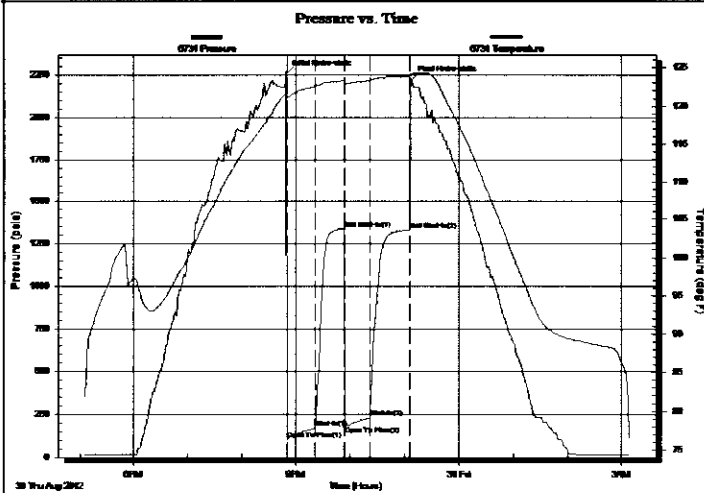
**22-16-26 Ness**  
**Peters-Allen #1**  
 Job Ticket: 17805      **DST#: 1**  
 Test Start: 2012.08.30 @ 17:05:00

## GENERAL INFORMATION:

Formation: **Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Straddle (Initial)  
 Time Tool Opened: 20:50:00 Tester: Jared Scheck  
 Time Test Ended: 03:09:00 Unit No: 3320-Great Bend-190  
 Interval: **4450.00 ft (KB) To 4521.00 ft (KB) (TVD)** Reference Elevations: 2657.00 ft (KB)  
 Total Depth: 4683.00 ft (KB) (TVD) 2647.00 ft (CF)  
 Hole Diameter: 6.75 inches Hole Condition: Poor KB to GR/CF: 10.00 ft

**Serial #: 6731 Outside**  
 Press@RunDepth: 1330.86 psia @ 4520.00 ft (KB) Capacity: 5000.00 psia  
 Start Date: 2012.08.30 End Date: 2012.08.31 Last Calib.: 2012.08.31  
 Start Time: 17:06:00 End Time: 03:09:30 Time On Btm: 2012.08.30 @ 20:49:30  
 Time Off Btm: 2012.08.30 @ 23:07:30

**TEST COMMENT:** 1st Opening 30 Minutes-Strong blow built bottom of bucket in 7 1/2 minutes tool chased 8 feet  
 1st Shut-in 30 Minutes-Very weak blow back  
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 8 minutes  
 2nd Shut-in 30 Minutes-4 inch blow back



## PRESSURE SUMMARY

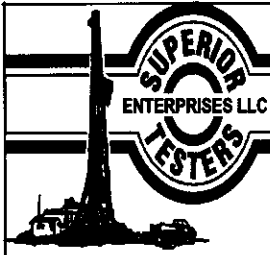
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2258.53	121.69	Initial Hydro-static
1	107.11	121.18	Open To Flow (1)
32	171.38	122.51	Shut-In(1)
64	1335.41	123.28	End Shut-In(1)
65	184.45	122.92	Open To Flow (2)
92	231.68	123.29	Shut-In(2)
137	1330.86	123.90	End Shut-In(2)
138	2221.84	124.19	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
360.00	gassy oil cut mud 40%gas 40%oil 20% mud	5.05
60.00	muddy w water 40%mud 60 % water	0.84
0.00	840 feet gas in pipe	0.00
0.00	Chlorides 80,000 resistivity .1@65 degree	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum  
 4924 se 84th St New ton KS 67114+8827  
 ATTN:

**22-16-26 Ness**  
**Peters-Allen #1**  
 Job Ticket: 17805      **DST#: 1**  
 Test Start: 2012.08.30 @ 17:05:00

### Tool Information

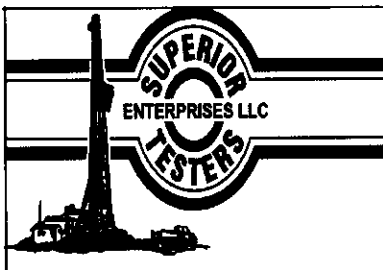
Drill Pipe:	Length: 4450.00 ft	Diameter: 3.80 inches	Volume: 62.42 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 62.42 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4450.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	4521.00 ft			
Interval between Packers:	71.00 ft			
Tool Length:	264.92 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: tool chased 8 feet to bottom/ruined 2 packers

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			4427.00	
Hydrolic Tool	5.00			4432.00	
Jars	6.00			4438.00	
Safety Joint	2.00			4440.00	
Packer-1	5.00			4445.00	
Packer	5.00			4450.00	28.00      Bottom Of Top Packer
Anchor	68.00			4518.00	
Recorder	1.00	8525	Inside	4519.00	
Recorder	1.00	6731	Outside	4520.00	
Blank Off Sub	1.00			4521.00	71.00      Tool Interval
Packer	5.00			4526.00	
Packer-2	5.00			4531.00	
Change Over	0.75			4531.75	
Drill Pipe	125.42			4657.17	
Change Over	0.75			4657.92	
Perforations	25.00			4682.92	
Recorder	1.00	8159	Below	4683.92	
Bull Plug	3.00			4686.92	165.92      Bottom Packers & Anchor

**Total Tool Length: 264.92**





# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum  
 4924 se 84th St New ton KS 67114+8827  
 ATTN:

**22-16-26 Ness**  
**Peters-Allen #1**  
 Job Ticket: 17805      **DST#: 1**  
 Test Start: 2012.08.30 @ 17:05:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.99 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 5900.00 ppm			
Filter Cake: 1.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	gassy oil cut mud 40%gas 40%oil 20%mud	5.050
60.00	muddy w ater 40%mud 60 % w ater	0.842
0.00	840 feet gas in pipe	0.000
0.00	Chlorides 80,000 resistivity .1@65 degre	0.000

Total Length: 420.00 ft      Total Volume: 5.892 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: ruined 2 packers

