

Kansas Corporation Commission Oil & Gas Conservation Division

1097538

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 #	API No. 15
Name:	Spot Description:
Address 1:	SecTwpS. R
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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 Approved by: Date:

Side Two



Operator Name:			Lease Name	e:			_ Well #:	
Sec Twp	S. R	East West	County:					
time tool open and clos	sed, flowing and shut s if gas to surface tes	I base of formations per in pressures, whether set, along with final chart well site report.	shut-in pressure	reached s	static level,	hydrostatic press	sures, bottom h	ole temperature, fl
Orill Stem Tests Taken (Attach Additional S		Yes No		Log	Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolo		☐ Yes ☐ No	N	lame			Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	I Electronically	Yes No Yes No Yes No						
List All E. Logs Run:			RECORD [Used			
	Size Hole	Report all strings set- Size Casing	-conductor, surface Weight		ate, producti Setting	on, etc. Type of	# Sacks	Type and Percen
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.		Depth	Cement	Used	Additives
		ADDITIONA	L OFMENTING (00115575	DECORD			
		ADDITIONA	L CEMENTING / :	SQUEEZE	RECORD			
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used	d		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Plu ootage of Each Interval Pe				cture, Shot, Cement mount and Kind of Ma	•	d Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Line	r Run:	Yes No		
Date of First, Resumed I	Production, SWD or ENI	HR. Producing Me	thod:	Gas Li	ift C	Other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf	Water	В	bls. (Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole	METHOD OF COM	MPLETION: ually Comp omit ACO-5)	. Cor	nmingled mit ACO-4)	PRODUCTIO	ON INTERVAL:
(If vented, Sub	mit ACO-18.)	Other (Specify) _						

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

Tops

Name	Тор	Datum
Anhy.	2064	(+591)
Base Anhy.	2095	(+560)
Topeka	3631	(-976)
Heebner	3934	(-1319)
Lansing	3974	(-1319)
ВКС	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)



PO Box 93999 Southlake, TX 76092

Voice: Fax: (817) 546-7282

(817) 246-3361

Bill To:

Palomino Petroleum, Inc.

4924 SE 84th St.

Newton, KS 67114-8827

RECEIVED
SEP 1 7 2012

INVOICE

Invoice Number: 132633

Invoice Date: Sep 2, 2012

Page: 1



Customer ID	Well Name/# or Customer P.O.	Paymen	t 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		
		Subtotal		5 929 63

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



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	
TOTAL	6,123.37



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



Invoice

DATE	INVOICE#
8/31/2012	23224

BILL TO

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

KECEIVED

- Cement
- Tool Rental

TERMS	Well N	lo. Lease	County	Contractor	We	II Туре	We	ell Category	Job Purpose	Operator
Net 30	#1	Peters-Allen	Ness	Val Energy #2		Oil	D	evelopment	Cement LongStr	ri Blaine
PRICE	REF.		DESCRIPT	ION		QT		UM	UNIT PRICE	AMOUNT
575D 578D-L 402-5 403-5 404-5 406-5 407-5 409-5 330 325 284 283 285 276 281 221 290 581D 583D		Mileage - 1 Way Pump Charge - Long 5 1/2" Centralizer 5 1/2" Cement Bask 5 1/2" Port Collar 5 1/2" Latch Down I 5 1/2" Insert Float S 5 1/2" Turbolizer Swift Multi-Density Standard Cement Calseal Salt CFR-1 Flocele Mud Flush Liquid KCL (Clayfix D-Air Service Charge Cem Drayage Subtotal Sales Tax Ness Coun	et Plug & Baffle hoe With Auto Standard (MIE			40	1 1 3 1 1 14 125 100 5 500 50 50 50 50 50 50	Miles Job Each Each Each Each Each Each Sacks Sacks Sack(s) Lb(s) Lb(s) Callon(s) Gallon(s) Gallon(s) Sacks Ton Miles	6.00 1,500.00 70.00 250.00 2,400.00 250.00 350.00 90.00 16.50 13.50 35.00 0.20 4.00 2.00 1.25 25.00 35.00 2.00 1.00	240.00 1.500.00 70.00T 750.00T 2.400.00T 250.00T 350.00T 1.260.00T 2.062.50T 1.350.00T 175.00T 100.00T 200.00T 100.00T 450.00 408.52
We A	ppre	ciate Your	Busines	S				Tota	REACTION	\$13.082.36



CHARGE 10:	Colonial Property	
ADDRESS		
CITY STATE 710	D 2005	
CITY STATE ZIF	ATE. ZIP CODE	

TICKET

Nº 23224

SWIFT OPERATOR

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

Thank You!

APPROVAL



TICKET CONTINUATION

X *										290	32)	28	376	285	A83	284	325	330	PRICE SECONDARY REFERENCE/ REFERENCE PART NUMBER	Services, Inc.	
-												~							RENCE/ ACCOUNTING TIME	Off: 785-798-2300	PO Box 466.
MILEAGE TOTAL WEIGHT LOADED MILES A	SERVICE CHARGE									D-AiR	KCL Exuid	mudflush	flocele,	CFR-)	Sult		STANDARD COMENT (For E4-2)	Sind Coment	SHARKS ALC	CUSTOMER POLITICIAN	
TON MILES	CUBIC FEET									2/01	4/04/	200 001	50116	50 16	570 16	500 116 575k	100 56	125-54	QTY. UMM QTY. UMM	Peleps-Allen 1	
\ \ \ \	2 bo		-							od SE	25/00	125	معلاه	4/00	0 20	35°40	13 50	16 50	UNIT	31 AUG 12	No. 33324
07 870 870	800	3				-		 	 			625 00	100 00		/	175100	1350/00	2062 50	AMOUNT	Page of of	

CONTINUATION TOTAL

5641.02

SWIFT Services, Inc. **JOB LOG** BATE AUG IZ CUSTOMER Petroleum JOBTYPE Coment long string TICKET NO. 23224 WELL NO. Peters - Allen PRESSURE (PSI)
TUBING CASING VOLUME (BBL) (GAL) PUMPS CHART TIME DESCRIPTION OF OPERATION AND MATERIALS 225 sks (125 sm) 100 sks EA-2 112 its 52 14# 4685' 21'sheit Controlize 1,23,45,6,7,8,10,11,12,14,15,17,62 Basket 12, 9, 63 port collar 163, 2022' RTD 4685' on loc TRX 114 1400 Start 55" 14# Cosing in hole 1715 Drop ball - circulate 2055 12 Pump 500 gal mudflush Pump 20 bbl KCh flush 200 200 2100 2109 38 24 out pump \$/ine 2130 100 2150 Release pressure to truck-dried up 2200 Tob complete 2240 - Blan Rub & DAIL



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



RECEIVED

Invoice

DATE	INVOICE#
9/11/2012	23176



\Box	11	 r

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	lo.	Lease	County	Contractor	We	ll Type	We	ell Category	Job Purpose		Operator
Net 30	#1		Peter Allen	Ness	Cheyenne Well Se		Oil	De	evelopment	Cement Port Col	llar	Wayne
PRICE	REF.			DESCRIPT	TON		QTY	/	UM	UNIT PRICE	Α	MOUNT
575D 576D-D 105 107 330 276 290 581D 583D		Pum Port Strip Swi Floo D-A Serv Dray	iir vice Charge Cemo yage	tal With Man Per Day Standard (MIE ent	OCON II)		4	1 1 200 50 2 225	Miles Job Each Each Sacks Lb(s) Gallon(s) Sacks Ton Miles	6.00 1.250.00 350.00 250.00 16.50 2.00 35.00 2.00 1.00		240.00 1.250.00 350.00T 250.00T 3.300.00T 100.00T 450.00 446.40 6.456.40 256.41
We Ap	pre	cia	ite Your I	Busines	S:				Tota	K A A A A A A A A A A A A A A A A A A A		\$6,712.81



CITY, STATE, ZIP CODE

ADDRESS PALOMINO	PETROLEUM
מטארטטט	

Z TICKET 23176

And the second s				
SERVICE LOCATIONS	WELL/PROJECT NO. LEASE	COUNTY/PARISH	STATE CITY	DATE OWNER
1. NESS CD17, KS	PETER ALLEN	2838		9-11-12 SAME
2.	TICKET TYPE CONTRACTOR		SHIPPED DELIVERED TO	
۵	CHEYWISE	Vie	Localter	
C.	WELL CATEGORY JC	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION
4.	Ozz Developman	CEMBUT FORT COLLAR		300 M - 27 200
REFERRAL LOCATION	INVOICE INSTRUCTIONS			

	583	(85	290	276	330		107	201	5760	575	PRICE
											SECONDARY REFERENCE/ PART NUMBER
	-	-	-	-	-		-	_	-	_	ACCOUNTING LOC ACCT
Minister of States											TOP
	DENYAGE	SERVICE CHARGE COMENT	D-A20	FLOCELE	SWETT MULTE- DEUSTH STANDES		STREETE HEAD RESTAL	PORT COURSE OPENING TOOL	PUMP CHARGE	MILEAGE # 110	DESCRIPTION
	 22320 WS 446.4170	225 812	2 64	SO USS	200156		1 408		Jos	40 ME	QTY. U/M
	中46.年					rediction of the second					QTY. UM
) 00	200	35,00	2 00	16150	-	250 co	35000	1250,00	6 00	UNIT
	44640	450 00	70 00	100 00	3300 00		250,00	35000	1250 00	240 00	AMOUNT

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

REMIT PAYMENT TO:

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

TIME SIGNED 0800 MA AM

DATE SIGNED 9-11-12

SWIFT SERVICES, INC. NESS CITY, KS 67560 P.O. BOX 466

WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?
WE UNDERSTOOD AND ARE YOU SATISFIED WITH OUR SERVICE? PERFORMED WITHOUT DELAY? OUR SERVICE WAS MET YOUR NEEDS? ☐ CUSTOMER DID NOT WISH TO RESPOND SURVEY ☐ YES AGREE UN- DIS-DECIDED AGREE PAGE TOTAL XAT. 1055 TOTAL 256 6456140

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

785-798-2300

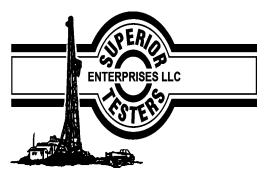
SWIFT OPERATOR

NAME WILSON

APPROVAL

Thank You!

SWIFT Services, Inc. DATE 9-11-12 **JOB LOG** WELL NO. CUSTOMER PETER ALLEW PALOMENO PETROLEUM PRESSURE (PSI)
UBING CASING VOLUME (BBL) (GAL PUMPS **DESCRIPTION OF OPERATION AND MATERIALS** TUBING 0080 ON LOURTON TUBENG - 23/8 CASDIG- 51/2 PORT Course 2058 1000 PSI TEST CASONG - HELD 0830 OPEN PORT COURS - INTRATE 3 0835 350 4 MX COMENT 200 SUS SMD = 11.2 AR 0840 111 350 0915 4 DISPLACE COMPUT 550 CLOSE PORT COUR - PSE YEST - HELD 0920 1000 CORCULATED 15 SKS CEMANT TO POT 400 RUN SOTS - CORCUMTE CLEAN 0935 20 WASH TRUCK JOB COMPLETE 1030 WAYNE TJ ISAAC



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



Palomino Petroleum

22-16-26 Ness

4924 se 84th St New ton KS 67114+8827

Peters-Allen #1

Job Ticket: 17805

Tester:

Unit No:

DST#:1

ATTN:

Test Start: 2012.08.30 @ 17:05:00

GENERAL INFORMATION:

Formation: Ft Scott

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:50:00 Time Test Ended: 03:09:00

Interval:

4450.00 ft (KB) To 4521.00 ft (KB) (TVD)

Total Depth: 4683.00 ft (KB) (TVD)

Hole Diameter: 6.75 inches Hole Condition: Poor

Test Type: Conventional Straddle (Initial)

Jared Scheck

3320-Great Bend-190

Reference Elevations: 2657.00 ft (KB)

2647.00 ft (CF)

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

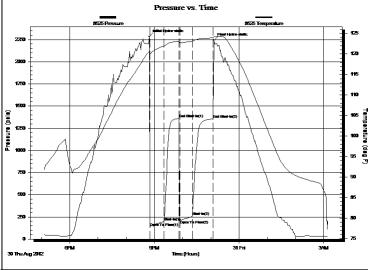
 Time Off Btm:
 2012.08.30 @ 23:06:30

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



Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psia)	(deg F)	
	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)
ì	136	1355.02	123.94	End Shut-In(2)
9	138	2243.01	124.18	Final Hydro-static

PRESSURE SUMMARY

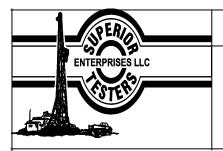
Recovery

Length (ft)	Description	Volume (bbl)
360.00	gassy oil cut mud 40%gas 40%oil 20%l	ทเ5.05
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 degr	e 0.00

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

Superior Testers Enterprises LLC Ref. No: 17805

Printed: 2012.08.31 @ 10:15:29



Palomino Petroleum

4924 se 84th St New ton KS 67114+8827

Peters-Allen #1

22-16-26 Ness

Job Ticket: 17805

DST#: 1

ATTN: Test Start: 2012.08.30 @ 17:05:00

GENERAL INFORMATION:

Formation: Ft Scott

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:50:00 Time Test Ended: 03:09:00

Interval:

4450.00 ft (KB) To 4521.00 ft (KB) (TVD)

Total Depth: 4683.00 ft (KB) (TVD)

6.75 inches Hole Condition: Poor Hole Diameter:

Test Type: Conventional Straddle (Initial) Tester: Jared Scheck

3320-Great Bend-190

2657.00 ft (KB) Reference Elevations:

2647.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8159 Below

Press@RunDepth: 5000.00 psia psia @ 4683.92 ft (KB) Capacity:

Start Date: 2012.08.30 End Date: Last Calib.: 2012.08.31 2012.08.31

Start Time: 17:06:00 End Time: Time On Btm: 03:21:40

Time Off Btm:

Unit No:

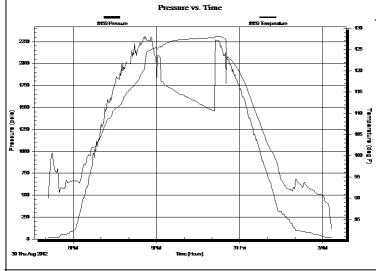
TEST COMMENT: 1st Opening 30 Minutes-Strong blow built bottom of bucket in 7 1/2 minutes tool chased 8 feet

1st Shut-in 30 Minutes-Very weak blow back

2nd Opening 30 Minutes-Strong blow built bottom of bucket in 8 minutes

Ref. No: 17805

2nd Shut-in 30 Minutes-4 inch blow back



Р	RESS	UKE	SUN	ЛМАК	Υ

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

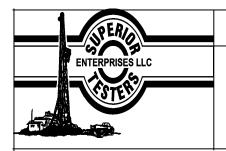
Recovery

Length (ft)	Description	Volume (bbl)
360.00	gassy oil cut mud 40%gas 40%oil 20%i	ทเ5.05
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 degr	e 0.00

Gas Rates

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

Printed: 2012.08.31 @ 10:15:29



Palomino Petroleum 22-16-26 Ness

4924 se 84th St New ton KS 67114+8827 **Peters-Allen #1**

Job Ticket: 17805 **DST#:1**

Jared Scheck

3320-Great Bend-190

2647.00 ft (CF)

ATTN: Test Start: 2012.08.30 @ 17:05:00

Tester:

Unit No:

GENERAL INFORMATION:

Formation: Ft Scott

Deviated: No Whipstock: ft (KB) Test Type: Conventional Straddle (Initial)

Time Tool Opened: 20:50:00 Time Test Ended: 03:09:00

Interval: 4450.00 ft (KB) To 4521.00 ft (KB) (TVD) Reference Elevations: 2657.00 ft (KB)

Total Depth: 4683.00 ft (KB) (TVD)

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

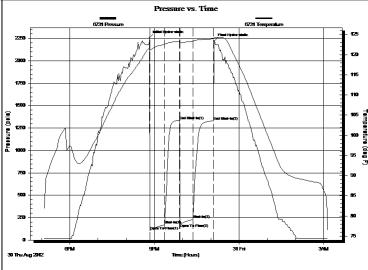
 Time Off Btm:
 2012.08.30 @ 23:07:30

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



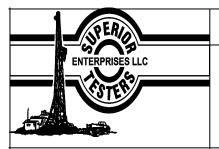
	PRESSURE SUMMARY				
1	Time	Pressure	Temp	Annotation	
	(Min.)	(psia)	(deg F)		
	0	2258.53	121.69	Initial Hydro-static	
	1	107.11	121.18	Open To Flow (1)	
	32	171.38	122.51	Shut-In(1)	
,	64	1335.41	123.28	End Shut-In(1)	
3	65	184.45	122.92	Open To Flow (2)	
	92	231.68	123.29	Shut-In(2)	
,	137	1330.86	123.90	End Shut-In(2)	
9	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%i	ทเ5.05
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 degr	e 0.00

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

Superior Testers Enterprises LLC Ref. No: 17805 Printed: 2012.08.31 @ 10:15:29



TOOL DIAGRAM

Palomino Petroleum

22-16-26 Ness

4924 se 84th St New ton KS 67114+8827

Peters-Allen #1

Job Ticket: 17805

DST#: 1

ATTN:

Test Start: 2012.08.30 @ 17:05:00

Tool Information

Drill Collar:

Drill Pipe: Length: 4450.00 ft Diameter: Heavy Wt. Pipe: Length:

0.00 ft Diameter: 0.00 ft Diameter: 3.80 inches Volume: 62.42 bbl 0.00 inches Volume: 0.00 inches Volume:

Total Volume:

0.00 bbl 0.00 bbl 62.42 bbl Tool Weight: 1000.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 90000.00 lb

Tool Chased 8.00 ft

Printed: 2012.08.31 @ 10:15:29

String Weight: Initial 80000.00 lb Final 85000.00 lb

Drill Pipe Above KB: 28.00 ft Depth to Top Packer: 4450.00 ft

Length:

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

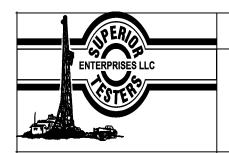
Tool Comments: tool chased 8 feet to bottom/ruined 2 packers

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

Ref. No: 17805



FLUID SUMMARY

Palomino Petroleum

22-16-26 Ness

4924 se 84th St New ton KS 67114+8827

Peters-Allen #1

Job Ticket: 17805 **DST#:1**

Printed: 2012.08.31 @ 10:15:29

ATTN: 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 in³ 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

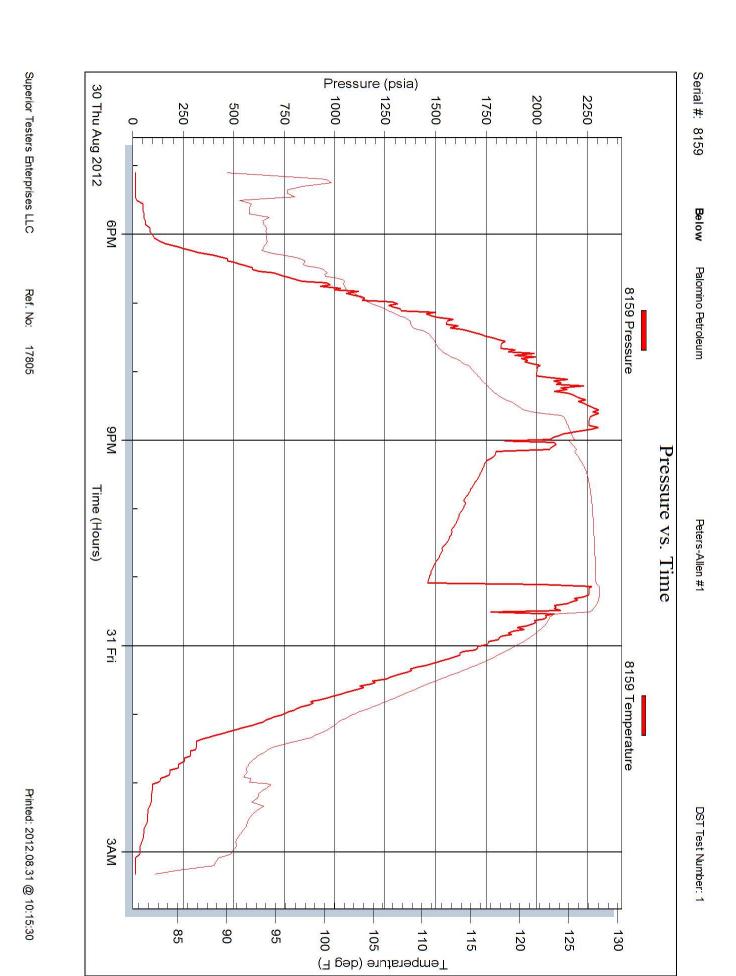
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Ref. No: 17805

Recovery Comments: ruined 2 packers

Printed: 2012.08.31 @ 10:15:29



Printed: 2012.08.31 @ 10:15:30

Serial #: 6731

Outside

