



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1097833

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

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

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Betty Betz 1
Doc ID	1097833

Tops

Name	Top	Datum
Anhy.	1498	(+738)
Base Anhy.	1532	(+704)
Heebner	3708	(-1472)
Lansing	3754	(-1518)
BKC	4074	(-1838)
Pawnee	4170	(-1934)
Ft. Scott	4250	(-2014)
Cherokee Sh.	4269	(-2033)
Miss.	4348	(-2112)
LTD	4361	(-2125)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum

14-19-22 Ness, ks

4924 E. SE 84th St.
New ton, Ks 67114

Betty Betz #1

ATTN: Nick Gerstner

Job Ticket: 48416

DST#: 1

Test Start: 2012.09.03 @ 22:19:15

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:30:45
 Time Test Ended: 04:56:15
 Interval: **4266.00 ft (KB) To 4361.00 ft (KB) (TVD)**
 Total Depth: 4361.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Brandon Turley
 Unit No: 60
 Reference Elevations: 2236.00 ft (KB)
 2226.00 ft (CF)
 KB to GR/CF: 10.00 ft

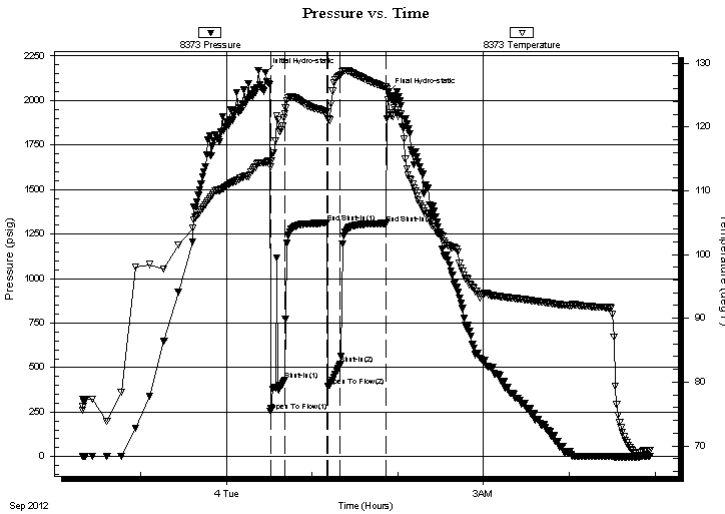
Serial #: 8373

Inside

Press @ Run Depth: 516.42 psig @ 4267.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.09.03 End Date: 2012.09.04 Last Calib.: 2012.09.04
 Start Time: 22:19:20 End Time: 04:56:14 Time On Btm: 2012.09.04 @ 00:27:15
 Time Off Btm: 2012.09.04 @ 01:53:15

TEST COMMENT: IF: BOB in 2 min.
 IS: BOB in 15 min.
 FF: BOB in 2 min.
 FS: Surface blow built to 7.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.44	114.39	Initial Hydro-static
4	256.37	113.74	Open To Flow (1)
14	429.45	122.05	Shut-In(1)
43	1311.94	122.40	End Shut-In(1)
44	395.56	121.21	Open To Flow (2)
53	516.42	128.10	Shut-In(2)
85	1309.80	126.26	End Shut-In(2)
86	2046.60	124.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	mcgo 10%g 80%o 10%m	8.70
248.00	mcgo 20%g 40%o 40%m	3.48
186.00	mcgo 20%g 60%o 20%m	2.61
124.00	mcgo 20%g 75%o 5%m	1.74
	434 GIP	

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum

14-19-22 Ness, ks

4924 E. SE 84th St.
New ton, Ks 67114

Betty Betz #1

Job Ticket: 48416

DST#: 1

ATTN: Nick Gerstner

Test Start: 2012.09.03 @ 22:19:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
620.00	mcgo 10%g 80%o 10%m	8.697
248.00	mcgo 20%g 40%o 40%m	3.479
186.00	mcgo 20%g 60%o 20%m	2.609
124.00	mcgo 20%g 75%o 5%m	1.739
	434 GIP	

Total Length: 1178.00 ft Total Volume: 16.524 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 42@70=41

Serial #: 8373

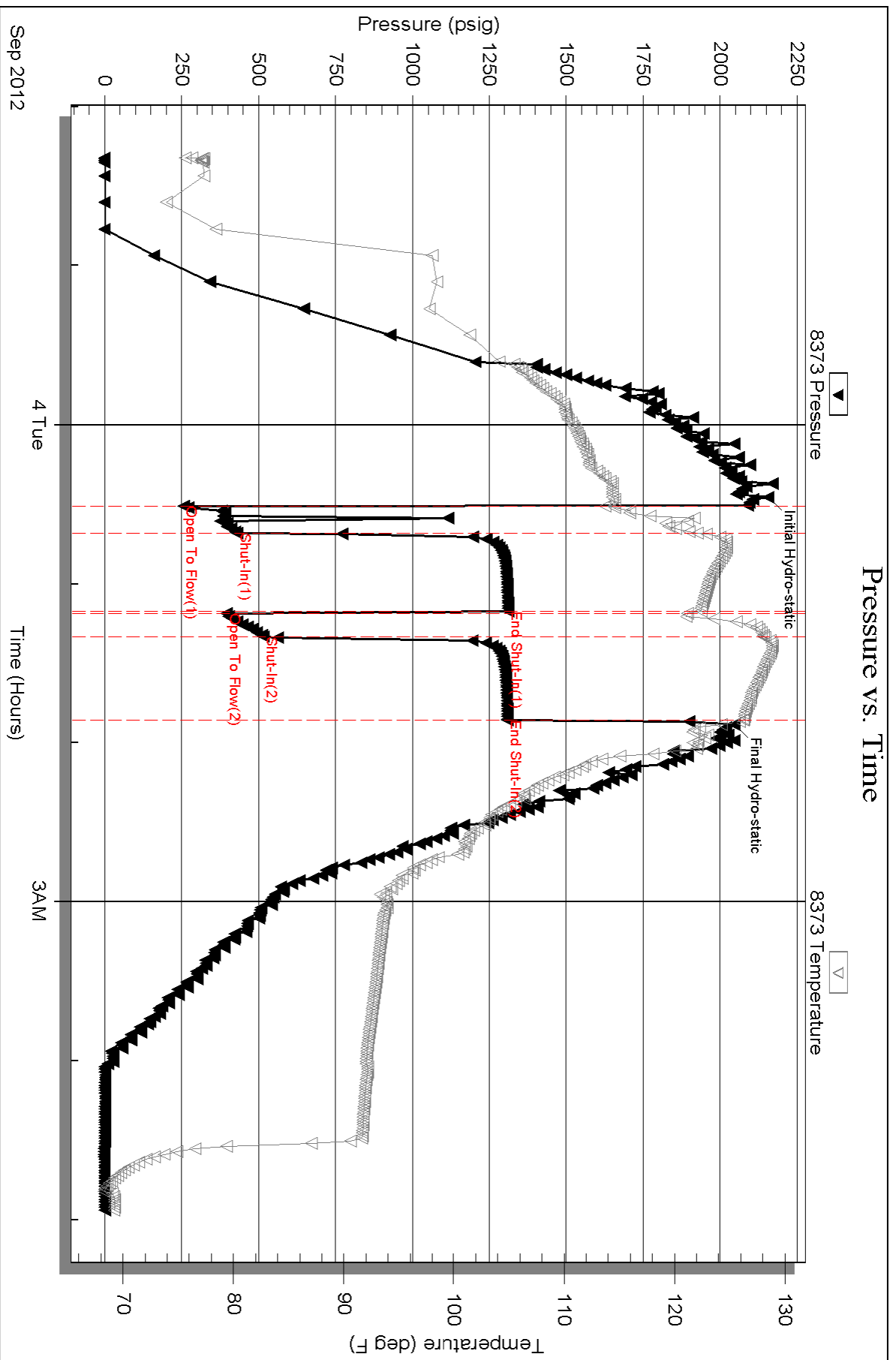
Inside

Palomino Petroleum

Betty Betz #1

DST Test Number: 1

Pressure vs. Time





RECEIVED

SEP 10 2012

INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 132570

Invoice Date: Aug 29, 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	Betty Betz #1	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Aug 29, 2012	9/28/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
162.09	SER	Cubic Feet	2.10	340.38
111.00	SER	Ton Mileage	2.35	260.85
1.00	SER	Surface	1,125.00	1,125.00
15.00	SER	Pump Truck Mileage	7.00	105.00
15.00	SER	Light Vehicle Mileage	4.00	60.00
1.00	CEMENTER	Dustin Chambers		
1.00	EQUIP OPER	Joshua Isaac		
1.00	OPER ASSIST	Alan Genereux		

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

\$ 1170.87

ONLY IF PAID ON OR BEFORE
Sep 23, 2012

Subtotal	4,683.48
Sales Tax	175.91
Total Invoice Amount	4,859.39
Payment/Credit Applied	
TOTAL	4,859.39

RECEIVED

SEP 08 2012

SWIFT*Services, Inc.*

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

**Invoice**

DATE	INVOICE #
9/4/2012	23225

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	Betty Betz	Ness	Maverick Drilling	Oil	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				25	Miles	6.00	150.00
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				9	Each	90.00	810.00T
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
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							11,762.50
	Sales Tax Ness County						6.30%	592.99
We Appreciate Your Business!							Total	\$12,355.49



Services, Inc.

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

TICKET No. **23225**

PAGE 1 OF 2

1. SERVICE LOCATIONS: Amo City BS WELL/PROJECT NO. 1 LEASE Bty Betz COUNTY/PARISH Lebo STATE KS CITY Bazine DATE 4/8/12 OWNER
 2. TICKET TYPE: SERVICE CONTRACTOR Bty Betz RIG NAME NO. 106 SHIPPED VIA CT DELIVERED TO location ORDER NO.
 3. WELL TYPE: OT WELL CATEGORY: Development JOB PURPOSE: cement long string WELL PERMIT NO. 14-19-2210
 4. REFERRAL LOCATION: Development INVOICE INSTRUCTIONS

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	MILEAGE	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
575					TRK 114	25	mi				6.00	150.00
578					Pump Charge	1	per				1500.00	1500.00
402					Constr Labor	5 1/2	in		1	ea	700.00	700.00
403					Cement Basket	5 1/2	in		3	ea	250.00	750.00
404					Post Collar	5 1/2	in		1	ea	2400.00	2400.00
406					Latch Drum plug & bottle	5 1/2	in		1	ea	250.00	250.00
407					Insert first shoe w/ auto fill	5 1/2	in		1	ea	350.00	350.00
409					Turboscrews	5 1/2	in		9	ea	900.00	810.00

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 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	TOTAL
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	6280.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	5482.50
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				5	11,762.50
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				7	592.90
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO		1	12,355.40

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

SWIFT OPERATOR: Asq hll APPROVED: [Signature]

Thank You!



Swanton, Inc.

PO Box 466.

Ness City, KS 67560

Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 23225

CUSTOMER *William Peterson*

WELL *Beth Beth #1*

DATE *4 Sep 12*

PAGE *21* OF *22*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	WELL				UNIT PRICE	AMOUNT	
		LOC	ACCT	DF			QTY	U/M	QTY	U/M			
330						SMD cement	125	ea			16.80	2068.50	
325						STANDARD cement (for 4-2)	180	ea			13.50	1350.00	
284						Calseal	500	lb			35.00	175.00	
283						SALT	500	lb			0.20	100.00	
285						CFE-1	50	lb			4.00	200.00	
276						Floake	50	lb			2.00	100.00	
281						Mudflush	500	gal			1.35	625.00	
221						RCL Liquid	2	gal			25.00	100.00	
290						D-AIR	2	gal			35.00	70.00	
582						<i>Minimum Damage</i>	1	ea			250.00	250.00	
581						<i>Service Charge</i>					20.00	450.00	
MILEAGE CHARGE							TOTAL WEIGHT	LOADED MILES		CUBIC FEET		TON MILES	
							105.24						

CONTINUATION TOTAL 5482.50

JOB LOG

SWIFT Services, Inc.

DATE 4 SEP 12 PAGE NO.

CUSTOMER Palomares Petroleum WELL NO. 1 LEASE Betty Betz JOB TYPE concrete long string TICKET NO. 23225

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								125 sk SMD w/ 1/4" float 100 sk SA-2 w/ 1/4" floccs slurry 20' 105 ft 5 1/2" 14" 4393' 12" bit #37 out Cont 1, 3, 5, 6, 7, 8, 9, 11, 12, 69 Bar 2, 4, 70 Port collar 70 1471'
	2000							on loc TRK 114
	2053							start 5 1/2" 14" casing in well
	2250							Drop ball - circulate
	2335	4 3/4	12			200		Pump 500 gal mud flush
		4 3/4	20			200		Pump 20 bbl KCL flush
SR 5	0000		7					Plug RH - MH 30 sk - 20 sk
	0007	4 3/4	39			200		mix SMD cement 75 sk @ 12.5 ppg
		4 3/4	24			200		mix SA-2 cement 100 sk @ 15.3 ppg
								Drop latch down plug wash out pump & line
	0020	6 3/4				200		Displace plug
		6 3/4	100			400		
	0045	6 3/4	107			1600		Land plug
								Release pressure to truck - dried up
	0055							wash truck
								Rack up
	0135							job complete
								Thanks Blaine Flint T & E



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



RECEIVED
SEP 15 2012

Invoice

DATE	INVOICE #
9/12/2012	23283

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	Betty Betz	Ness	Cheyenne Well Se...	Oil	Development	Cement Port Collar	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				20	Miles	6.00	120.00
576D-D	Pump Charge - Port Collar				1	Job	1,250.00	1,250.00
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	16.50	2,062.50T
276	Flocele				30	Lb(s)	2.00	60.00T
104	Port Collar Tool Rental				1	Each	250.00	250.00T
290	D-Air				2	Gallon(s)	35.00	70.00T
581D	Service Charge Cement				200	Sacks	2.00	400.00
582D	Minimum Drayage Charge				1	Each	250.00	250.00
	Subtotal							4,462.50
	Sales Tax Ness County						6.30%	153.88
We Appreciate Your Business!							Total	\$4,616.38



Services, Inc.

TICKET
No 23283

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

PAGE 1 OF 1

SERVICE LOCATIONS: Well 14-19-2220

WELL/PROJECT NO: 1 LEASE: Bethy Betz COUNTY/PARISH: Neosho STATE: KS CITY: Bazine DATE: 12 SEP 12 OWNER: _____

TICKET TYPE: SERVICE SALES CONTRACTOR: _____ RIG NAME/NO.: _____ SHIPPED: W/ACT DELIVERED TO: location ORDER NO.: _____

WELL TYPE: oil WELL CATEGORY: Development JOB PURPOSE: count part collar WELL PERMIT NO.: _____ WELL LOCATION: 14-19-2220

4. REFERRAL LOCATION: _____ INVOICE INSTRUCTIONS: _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.	UM	QTY.	UM	UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE TRK 114	20	mi			6.00	120.00
576D		1			Pump charge	1	ea			1250.00	1250.00
330		1			SMB cement	125	sk			16.50	2062.50
276		1			Floacle	30	lb			2.00	60.00
104		1			Port Collar Tool Rental Fee	1	ea			250.00	250.00
290		1			D-air	2	gal			35.00	70.00
581		1			Service charge	200	sk			2.00	400.00
582		1			Damage (w/in)	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

DATE SIGNED: [Signature] TIME SIGNED: A.M. P.M.

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? YES NO

CUSTOMER DID NOT WISH TO RESPOND

PAGE TOTAL	4462	50
TOTAL	4616	38

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

SWIFT OPERATOR: [Signature] APPROVAL: [Signature]

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 12 sep 12 PAGE NO.

CUSTOMER Petroleum Petroleum WELL NO. 1 LEASE Betty Betz JOB TYPE Cement port collos TICKET NO. 23283

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	G	TUBING	CASING	
								200sk SMD w/ 1/4" Floccula 2 3/8 x 5 1/2 port collar 1471'
	1300							on loc TRK 114
	1305					1000	1000	test to 1000 psi - held
	1314	3 1/2	2			400		open port collar inj rate 3 1/2 @ 400 psi
	1318	4				300		mix SMD cement @ 11.2 ppg
		4	3			300		fluid to surface
	1338	4	69			450		- cement to surface - { 125 sk mixed } { 15 sk to pit }
		4	5			450		flush w/ 5 bbl H2O close port collar
	1345					1000	1000	test to 1000 psi - held Run 5 joints
	1353		15					Reverse hole clean - 2 cement flags -
	1400							wash triek Rack up
	1440							job complete
								Checks John T J Davis & Blaine