

Kansas Corporation Commission Oil & Gas Conservation Division

1099682

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 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City:	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.
If Workover/Re-entry: Old Well Info as follows:	
Operator: Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Operator Name:
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or 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 l	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: She time tool open and clo recovery, and flow rate line Logs surveyed. A	sed, flowing and shues if gas to surface te	t-in pressures st, along with	s, whether s final chart(s	hut-in press	sure read	ched static level,	hydrostatic press	sures, bottom h	nole temp	erature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes	☐ No			og Formatio	n (Top), Depth ar	nd Datum	;	Sample
Samples Sent to Geol	ogical Survey	Yes	No		Nam	е		Тор	[Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy		Yes Yes Yes	No No No							
List All E. Logs Run:										
		Report a		RECORD	Ne	w Used	on, etc.			
Purpose of String	Size Hole Drilled	Size C Set (In		Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
		Δ	ADDITIONAL	CEMENTIN	NG / SQL	 EEZE RECORD				
Purpose:	Depth	Type of (# Sacks			Type and F	Percent Additives		
Perforate Protect Casing	Top Bottom									
Plug Back TD Plug Off Zone										
r lug on zone										
Shota Par Foot	PERFORATI	ON RECORD -	- Bridge Plug	s Set/Type		Acid, Fra	cture, Shot, Cemen	t Squeeze Recor	d	
Shots Per Foot	Specify	Footage of Each	h Interval Perf	orated		(Ai	mount and Kind of Ma	aterial Used)		Depth
TUBING RECORD:	Size:	Set At:		Packer A	t:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN	_	roducing Meth	nod:	g 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er B	bls.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:	'	ħ.	METHOD OF	COMPLE	TION:		PRODUCTION	ON INTER	VAI ·
Vented Sold		Oper	n Hole	Perf.	Dually	Comp. Cor	nmingled			
(If vented, Sub		O+b-	or (Specify)		(Submit)	ACO-5) (Sub	mit ACO-4)			

Form	ACO1 - Well Completion				
Operator	Palomino Petroleum, Inc.				
Well Name	Otto 1				
Doc ID	1099682				

Tops

Name	Тор	Datum
Anhy.	1534	(+ 740)
Base Anhy.	1520	(+ 754)
Topeka	3344	(-1070)
Heebner	3647	(-1347)
ВКС	3982	(-1708)
Marmaton	4017	(-1703)
Pawnee	4118	(-1844)
Ft. Scott	4200	(-1906)
Cherokee Sh.	4206	(-1932)
Miss. Por.	4286	(-2012)
LTD	4378	(-2104)



PO Box 93999 Southlake, TX 76092 RECEIVED NOV 1 9 2012 INVOICE
Invoice Number: 133458

Invoice Date: Nov 8, 2012

Page: 1

2012

Voice: Fax: (817) 546-7282 (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	Otto #1	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Nov 8, 2012	12/8/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	17.90	2,685.00
100.00	MAT	Pozmix	9.35	935.00
9.00	MAT	Gel	23.40	210.60
63.00	MAT	Flo Seal	2.97	187.11
269.20	SER	Cubic Feet	2.48	667.61
56.15	SER	Ton Mileage	2.60	145.99
1.00	SER	Rotary Plug	2,249.84	2,249.84
5.00	SER	Pump Truck Mileage	7.70	38.50
5.00	SER	Light Vehicle Mileage	4.40	22.00
1.00	CEMENTER	Dustin Chambers		
1.00	EQUIP OPER	Kevin Eddy		
1.00	EQUIP OPER	Joel Monahan		
		Culptotal		= 444.5=

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

\$1785.41

ONLY IF PAID ON OR BEFORE
Dec 3, 2012

Subtotal	7,141.65
Sales Tax	449.92
Total Invoice Amount	7,591.57
Payment/Credit Applied	
TOTAL	7,591.57

ALLIED OIL & GAS SERVICES, LLC 053593

			Federal	Tax I.D.	20-5975804				
REMIT TO P.O. B	OX 31					SER	VICE POINT:		
RUSS	ELL, KAN	ISAS 6766	5				(2020 Th	11/1/5	
DATE 11-4-12	sec. 2.3	TWP.	RANGE 24W	CAL	LED OUT	ON LOCATION	JOB START 3130 ALI	JOB FINIS	H ' <i>AM</i>
LEASE 7770	WELL#	1	LOCATION //p	56 Cist	1/3N	1/270	N. 55	12.5	A
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To: Allied Oil	& Gas Ser	rvices, LL	C.				@		
You are hereby	requeste	d to rent c	ementing equip	ment			@		
and furnish cen	nenter an	l helper(s) to assist owner	eror					
contractor to de	n work as	is listed.	The above wo	rk was					
done to satisfac	tion and	supervisio	on of owner age	ent or			101.	AL	
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PO Box 93999 Southlake, TX 76092 RECEIVED NOV 0 6 2012 INVOICE

Invoice Number: 133388

Invoice Date: Oct 30, 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	Otto#1	Net 30	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Great Bend	Oct 30, 2012	11/29/12

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
37.00	SER	Ton Mileage	2.60	96.20
1.00	SER	Surface	1,512.25	1,512.25
5.00	SER	Pump Truck Mileage	7.70	38.50
5.00	SER	Light Vehicle Mileage	4.40	22.00
1.00	CEMENTER	Charles Elkins		
1.00	EQUIP OPER	Joshua Isaac		
1.00	OPER ASSIST	Alan Genereux		
		Subtotal		5 14G 12

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

\$ 1286.53

ONLY IF PAID ON OR BEFORE
Nov 24, 2012

Subtotal	5,146.13
Sales Tax	193.74
Total Invoice Amount	5,339.87
Payment/Credit Applied	
TOTAL	5,339.87

ALLIED OIL & GAS SERVICES, LLC 059046 1 Federal Tax 1.D.# 20-5975804

REMITTO DO POY 02000

SOUT		TEXAS 76	5092			SER	VICE POINT:	and, KS
DATE [0-30-17	SEC.	TWP.	RANGE 24W	CALLED		ON LOCATION	JOB START	JOB FINISH
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CONTRACTOR /				OW	NER Pal	omino Petro	lected	
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D. M. 9.36 bbls						2		
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To: Allied Oil & C		-					_@	
You are hereby red	quested to	o rent cem	enting equipme	ent —				
and furnish cemen	ter and h	elpér(s) to	assist owner or	г —			_@	-
contractor to do w	ork as is	listed. Th	e above work w	vas				
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Palomino Petroleum Inc

23-18s-24w Ness,KS

4924 SE 84th st New ton Ks 67114-8827

Job Ticket: 51023

Otto #1

DST#: 3

ATTN: Klee Watches

Test Start: 2012.11.06 @ 01:32:00

GENERAL INFORMATION:

Formation:

Marmaton

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset) Tester: Cody Bloedorn

Unit No:

Time Test Ended: 07:39:00

Time Tool Opened: 03:14:30

3981.00 ft (KB) To 4110.00 ft (KB) (TVD)

Reference Bevations:

2274.00 ft (KB)

2269.00 ft (CF)

Total Depth:

4110.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8700 Press@RunDepth: Outside

103.56 psig @

4081.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2012.11.06

End Date:

2012.11.06

Last Calib.:

2012.11.06

Start Time:

01:32:05

End Time:

07:38:59

Time On Btm:

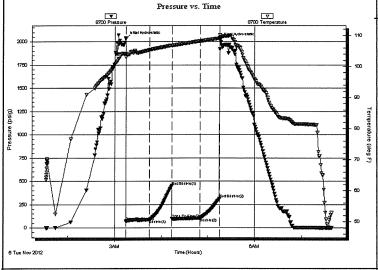
2012.11.06 @ 03:14:00

Time Off Btm:

2012.11.06 @ 05:16:00

TEST COMMENT: 30 - IFP- 3" blow

30 - ISI- No blow back 30 - FF- 2" blow 30 - FSI- No blow back



PRESSURE SUMMARY

1				
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2032.26	104.22	Initial Hydro-static
	1	71.01	103.09	Open To Flow (1)
	31	87.99	105.34	Shut-In(1)
	60	448.99	106.81	End Shut-In(1)
	60	96.17	106.67	Open To Flow (2)
	96	103.56	108.17	Shut-In(2)
	121	313.76	109.09	End Shut-In(2)
	122	2015.50	109.51	Final Hydro-static
-				

Recovery

Length (ft)	Description	Volume (bbl)		
62.00	5%O, 95%M	0.30		
30.00	Mud, oil spots, 100%M	0.15		
* Recovery from multiple tests				

Gas Rates

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

Ref. No: 51023 Printed: 2012.11.06 @ 08:31:15 Trilobite Testing, Inc



FLUID SUMMARY

deg API

ppm

Palomino Petroleum Inc

23-18s-24w Ness,KS

4924 SE 84th st

New ton Ks 67114-8827

Otto #1

Job Ticket: 51023

DST#: 3

ATTN: Klee Watches

Test Start: 2012.11.06 @ 01:32:00

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

Viscosity: 52.00 sec/qt Water Loss: 11.99 in³

Resistivity: ohm.m

Salinity: 5500.00 ppm Filter Cake: inches Cushion Type:

Cushion Length:

ft Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure:

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	5%O, 95%M	0.305
30.00	Mud, oil spots, 100%M	0.148

Total Length:

92.00 ft

Total Volume:

0.453 bbl

Num Fluid Samples: 0

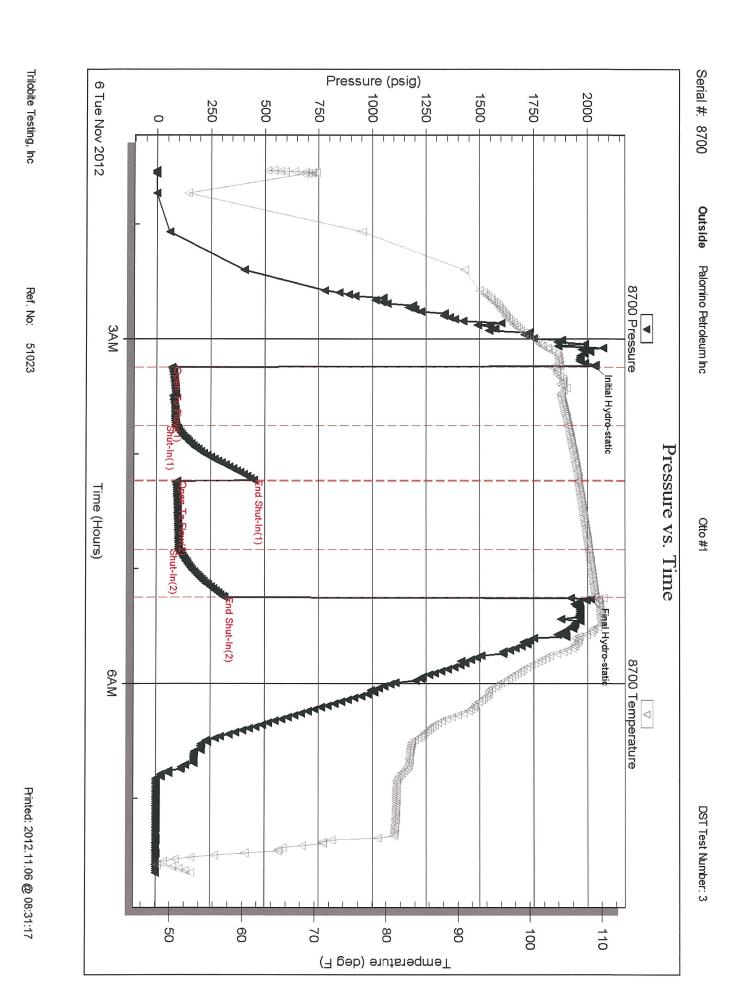
Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Ref. No: 51023 Printed: 2012.11.06 @ 08:31:16 Trilobite Testing, Inc





Palomino Petroleum Inc

23-18s-24w Ness

Otto #1

4924 SE 84th st

New ton Ks 67114-8827 Job Ticket: 51024

ATTN: Klee Watches

DST#:4

Test Start: 2012.11.07 @ 02:22:00

GENERAL INFORMATION:

Formation:

Mississippi

Deviated:

Whipstock:

ft (KB)

Time Tool Opened: 04:35:30

Time Test Ended: 08:55:30

4225.00 ft (KB) To 4303.00 ft (KB) (TVD)

Interval: Total Depth:

4303.00 ft (KB) (TVD)

Hole Diameter:

7.85 inches Hole Condition: Fair

Tester:

Test Type:

Conventional Bottom Hole (Reset)

Cody Bloedorn

Unit No: 42

Reference Elevations:

2274.00 ft (KB)

2269.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 8700 Press@RunDepth: Outside

82.45 psig @

4294.00 ft (KB)

2012.11.07

Capacity:

8000.00 psig

Start Date: Start Time: 2012.11.07 02:22:05 End Date: End Time:

08:55:29

Last Calib .: Time On Btm:

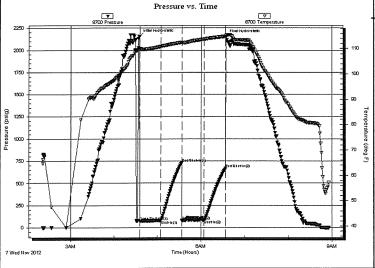
2012.11.07 2012.11.07 @ 04:35:00

Time Off Btm:

2012.11.07 @ 06:34:30

TEST COMMENT: 30 - IFP - 1/4" blow, died in 13 Min.

30 - ISI - No blow back 30 - FF - No blow 30 - FSI - No blow back



	PI	RESSUR	E SUMMARY
Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2156.69	110.05	Initial Hydro-static
1	75.07	109.62	Open To Flow (1)
30	79.89	110.80	Shut-In(1)
59	730.70	112.44	End Shut-In(1)
59	79.18	112.19	Open To Flow (2)
89	82.45	113.70	Shut-in(2)
119	665.97	114.84	End Shut-In(2)
120	2151.58	115.24	Final Hydro-static
	(Min.) 0 1 30 59 59 89 119	Time (Min.) (psig) 0 2156.69 1 75.07 30 79.89 59 730.70 59 79.18 89 82.45 119 665.97	Time (Min.) Pressure (psig) Temp (deg F) 0 2156.69 110.05 1 75.07 109.62 30 79.89 110.80 59 730.70 112.44 59 79.18 112.19 89 82.45 113.70 119 665.97 114.84

Recovery Description Volume (bbl) Length (ft) 31.00 Mud with spots of oil, 100%M 0.15 Recovery from multiple tests

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

Ref. No: 51024 Printed: 2012.11.07 @ 09:46:11 Trilobite Testing, Inc



FLUID SUMMARY

deg API

ppm

Palomino Petroleum Inc

23-18s-24w Ness

4924 SE 84th st

New ton Ks 67114-8827

Otto #1

Job Ticket: 51024

DST#: 4

ATTN: Klee Watches

Test Start: 2012.11.07 @ 02:22:00

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal Viscosity: 44.00 sec/qt

Water Loss: 11.99 in³

Resistivity: Salinity: 7500.00 ppm Filter Cake: inches Cushion Type: Cushion Length:

ft Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure:

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Mud with spots of oil, 100%M	0.152

Total Length: 31.00 ft Total Volume:

0.152 bbl

Num Fluid Samples: 0

ohm.m

Num Gas Bombs: Laboratory Location: Serial #:

Laboratory Name:

Recovery Comments:

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