

Confidentiality Requested:

Yes No

#### Kansas Corporation Commission Oil & Gas Conservation Division

1253619

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 #	API No. 15				
Name:	Spot Description:				
Address 1:	SecTwpS. R				
Address 2:	Feet from				
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 #	GPS Location: Lat:, Long:				
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxxx)				
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84				
Purchaser:	County:				
Designate Type of Completion:	Lease Name: Well #:				
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:				
□ Oil □ WSW □ SHOW   □ 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:	Producing Formation:  Elevation: Ground: Kelly Bushing: Fee  Total Vertical Depth: Plug Back Total Depth: Fee  Multiple Stage Cementing Collar Used? Yes No  If yes, show depth set: Fee				
Operator:	If Alternate II completion, cement circulated from:				
Well Name:	feet depth to:w/sx cmt.				
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 #:	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:				
☐ ENHR         Permit #:           ☐ GSW         Permit #:	Operator Name:				
GSW Permit #:	Lease Name: License #:				
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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:									

Page Two



Operator Name:				_ Lease I	Name: _			Well #:			
Sec Twp	S. R	East	West	County	:						
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov		
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic		
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample		
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum		
Cores Taken Electric Log Run			es  No								
List All E. Logs Run:											
				RECORD	Ne						
	0: 11.1					ermediate, product		" 0 1	T 15		
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives		
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD					
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives			
Perforate Protect Casing	Top Dottom										
Plug Back TD Plug Off Zone											
1 lug 0 li 20 lio											
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)		
Does the volume of the t			-		-			skip question 3)			
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)		
Shots Per Foot			RD - Bridge Plug Each Interval Perl			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth					
						(* *			200		
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:					
		0017111				[	Yes N	o			
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (	Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity		
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!			
DISPOSITION Solo	ON OF GAS:  Used on Lease		N Open Hole	∥ETHOD OF Perf.			mmingled	PRODUCTION	ON INTERVAL:		
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)				

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Whipple-Giess 1
Doc ID	1253619

## All Electric Logs Run

Dual Induction
Micro Resistivity
Dual Receiver Cement Bond
Compensated Density Neutron

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Whipple-Giess 1
Doc ID	1253619

## Tops

Name	Тор	Datum			
Anhy.	1887	(+640)			
Base Anhy.	1919	(+607)			
Heebner	3875	(-1348)			
LKC	3916	(-1389)			
ВКС	4212	(-1685)			
Marmaton	4282	(-1755)			
Pawnee	4334	(-1807)			
Ft. Scott	4412	(-1885)			
Cherokee Sh.	4436	(-1909)			
Miss.	4509	(-1982)			
LTD	4653	(-2126)			

# LWELL CEME TING, INC. Federal Tax I.D.# 20-2886107

2. 1917年 - 在基本学校的基準工程研究科等

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Ċ	elle	78	5	-32	4-1	0	41		~

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

No. 926

Cell 705-324-1041									T F:-:-L			
	Sec. Tw 29 16		Range 24		County @ 55	State		On Location	Finish 3:30 PM			
Date		<u>' L</u>			tana Nisasa at i	n yw	15	3/4 W				
n kin kin ji ka 1959 na kin na ka Kina kina kana ka ka kina ka ka ka	tiple to the t		/	Location	on Kansur L	2 2		77.70				
Lease Whipple -C	or and the contract	<u>  W</u>	rell No. /		Owner To Quality O	ر ilwell Cementin	g, Inc.					
Contractor W W #1	0	<u> </u>	- · · · · · · · · · · · · · · · · · · ·		Vou are here	by requested to	rent cer	menting equipme	nt and furnish do work as listed.			
Type Job Surtace	C. Hawaii, Y	7%						3 /	20 170111 40 1.000			
Hole Size /2 //4	T.D.	<u>.</u> <u>L</u>	17'		To Pa	clomino	pe,	tro/eum				
Csg. 8 3/4	Dep	oth )	.17		Street							
Tbg. Size	Dep	oth			City			State				
Tool state to the state of the	Dep	oth			1		ction and s	supervision of owner	er agent or contractor.			
Cement Left in Csg. 20	Sho	e Joi			Cement Amo	ount Ordered	180	120 3	8 cc 2% C			
Meas Line		olace	123/4									
	QUIPMENT	: <sub>:</sub> :			Common /	45						
Pumptrk 5 No. Cement Helper	er David	<i>i</i>			Poz. Mix	35						
Bulktrk 9 No. Driver Driver	Doug	-1			Gel.	3						
Bulktrk PU No. Driver Driver	Brett	-+			Calcium	7						
	/ICES & RE	MAR	KS -	*	Hulls							
Remarks:		. : '			Salt							
Rat Hole	-		t en la k		Flowseal							
Mouse Hole			£		Kol-Seal							
Centralizers					Mud CLR 48							
Baskets					CFL-117 or CD110 CAF 38							
D/V or Port Collar		S			Sand		30					
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					Mileage							
						FLOAT EQ	UIPMEN	Т				
( ement					Guide Shoe							
					Centralizer	. *			*			
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	10000	<del>/ `</del>			Float Shoe							
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Signature Alt Mille	-				1			Total Orlary	<u> </u>			



MAR 2 0 2015

## Invoice

DATE INVOICE #

3/17/2015 28246

P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300



BILL TO

Services,

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	lo.	Lease	County	Contractor	Wel	Type Wel		ell Category	Job Purpose	Operator
Net 30	#1		Whipple-Gless	Ness	Express Well Serv		Oil I		evelopment	Cement Port Coll	ar Blaine
PRICE	REF.			DESCRIPT	TON		QT	Y	UM	UNIT PRICE	AMOUNT
575D 576D-D 330 276 290 104 581D 582D		Pum Swit Floo D-A Port Serv Min		Standard (MIC tal ent harge	OCON II)			1 150 50 2 1	Miles Job Sacks Lb(s) Gallon(s) Each Sacks Each	5.00 1,250.00 15.75 2.25 42.00 200.00 1.50 250.00	150.00 1,250.00 2,362.50T 112.50T 84.00T 200.00T 300.00 250.00 4,709.00 169.68

We Appreciate Your Business!

**Total** 

\$4,878.68

CITY, STATE, ZIP CODE

SERVICE LOCATIONS
1. LT KS REFERRAL LOCATION Services, Inc. WELL/PROJECT NO. INVOICE INSTRUCTIONS WELL TYPE TICKET TYPE | CONTRACTOR | SERVICE | SALES E. 6-less JOB PURPOSE COMENT DON'T COLKIR RIG NAME/NO. COUNTY/PARISH 122 STATE SHIPPED DELIVERED, TO WELL PERMIT NO. 4 Traced ORDER NO. WELL LOCATION 17 WLR 29-16-24 PAGE S OWNER 0

the terms and condit		-			633	130	104	290	276	330	5760	575	PRICE
LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include,													SECONDARY REFERENCE/ PART NUMBER
ges and agrees to reof which include,					-			_				_	ACCOUNTING LOC ACCT DF
REMIT PAYMENT TO:					Dozgage (min)	Solvice Cherce	Bot alke opening took rental	U-48	Placele	SMD agnest	Pomo Charge	MILEAGE TRX 114	DESCRIPTION
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?					100 19902 16	Zeo	/	2	58	150	/	30	QTY.
AGREE DECIDED AGREE	Ę.				16 298,53 TM	8	Ca	521	16	SK	£4	ni	UM QTY. UM
PAGE TOTAL		1		Sharphores des	250°-8 75	1 50	2000	4200	285	15 75	1250 00	5/00	UNIT PRICE
4709 80					250 po	30000	2000	00 48	11252	2362150	12500	15000	AMOUNT

**LIMITED WARRANTY** provisions. but are not limited to, PAYMENT, RELEASE, INDEMNITY, and the terms and conditions on the reverse side hereof which include,

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

DATE SIGNED TIME SIGNED

SWIFT OPERATOR

× × ×

SWIFT SERVICES, INC. P.O. BOX 466 785-798-2300

NESS CITY, KS 67560

ARE YOU SATISFIED WITH OUR SERVICE? SATISFACTORILY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS PERFORMED WITHOUT DELAY? OUR SERVICE WAS MET YOUR NEEDS? CUSTOMER DID NOT WISH TO RESPOND ON O

ness

TAX.

6 0

68

15

TOTAL

4070

6

WE UNDERSTOOD AND

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES. The customer hereby acknowledges receipt of the materials and services listed on this ticket 1250

**APPROVAL** 

Thank You.

SWIFT Services, Inc. **JOB LOG** DATE PAGENO. JOB TYPE Collar LUhipple-6-less WELL NO. PRESSURE (PSI)
TUBING CASING VOLUME (BBL) (GAL) PUMPS CHART DESCRIPTION OF OPERATION AND MATERIALS TUBING С 1100 1000 3 300 mix SmD coment. @ 11.2pg 1/30 10 100 80 350 92 Displace w/ 92 bbl H2D 1200 1000 1206 1216 1225 1250



BILL TO

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



## Invoice

DATE	INVOICE#
3/10/2015	28241

RECEIVED

Acidizing

MAR 1 3 2015

- Cement
- Tool Rental

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

TERMS	Well No	. Lease	County	Contractor	We	I Туре	W	ell Category	Job Purpose	Operator
Net 30	#1	Whipple-Gless	Ness	WW Drilling		Oil	D	evelopment	Cement LongStri.	Blaine
PRICE	REF.		DESCRIPT	ION		QTY	<b>′</b>	UM	UNIT PRICE	AMOUNT
575D 578D-L 403-5 404-5 406-5 407-5 409-5 419-5 330 325 284 283 285 276 281 221 290 581D 583D	P. 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	dileage - 1 Way ump Charge - Long 1/2" Cement Baske 1/2" Port Collar 1/2" Latch Down P 1/2" Insert Float Sh 1/2" Turbolizer 1/2" Rotating Head wift Multi-Density St tandard Cement calseal alt FR-1 locele fud Flush iquid KCL (Clayfix) -Air ervice Charge Ceme rayage  ubtotal ales Tax Ness Count	t lug & Baffle oe With Auto Rental Standard (MID)			3	30 1 2 1 1 1 125 1000 5 5 500 500 500 4 3 225 43.7	Job Each Each Each Each Each Each Sacks Sacks Sacks Sack(s) Lb(s) Lb(s) Lb(s) Gallon(s) Gallon(s) Sacks	5.00 1,250.00 2,500.00 2,500.00 2,500.00 300.00 75.00 200.00 15.75 12.25 30.00 0.20 4.50 2.25 1.25 25.00 42.00 1.50 0.75	150.00 1,250.00 500.00T 2,500.00T 225.00T 300.00T 900.00T 1,968.75T 1,225.00T 150.00T 100.00T 225.00T 112.50T 625.00T 100.00T 126.00T 337.50 257.78

We Appreciate Your Business!

Total

\$11,821.85

TICKET 28241

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CITY, STATE, ZIP CODE

ADDRESS CHARGE TO:

E I I I I I I I I I I I I I I I I I I I	222 UM	
	TWORD ON LINE	DATE  DATE

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

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						***********														**************************************			-	3	-		Ness City, KS 6756U Off: 785-798-2300	PO Box 466
	CHARGE TOTAL WEIGHT	SERVICE CHARGE												***************************************			ひともまり	KCL Pignia	matica	Flocele	CFR-1	Soft	calseal	Standard Count	SMD cemy	TIME DESCRIPTION	CUSTOMER DELINO POTROLEUM	2 0 00 X 0 0000 X 0 0
	LOADED MILES	238																***************************************						(Fr 82-8)	phononomonomonomonomonomonomonomonomonomo	TION	releum	M 2 M 3 M 8 M 8 M 4 M
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JOB LO						SWIFT	Servi	ices, Inc. DATES MAR 15 PAGENO.
CUSTOMER/	arino Pel	Holeum	WELL NO.	#(		LEASE Chipp	le-61e5	S JOB TYPE long string TICKET NO. 28241
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUM T	IPS C	PRESSUR TUBING		DESCRIPTION OF OPERATION AND MATERIALS
								1255/2 SmD coment of 4# Flock 100 sk ZA-Z coment of 4# flock 52"x14# casing 10 jts 4652 total gipe 70=4653 shoejt 446' Port collar 1873'
								100 ok EA-Z count 4/4- Place
-							<u> </u>	52"x14" clising 110 jts 4652 total gipe
					<u> </u>			70=4653 shoe it 44.6'
								Port collar 1873'
	11/13							
	1410							onlos TRK114
								company new RANFloat eggip
					ļ			Circ = 1345 - 90 / hour
	1451	4	12			1	200	Pora SWOOD was delical
		4	20			· · · · · · · · · · · · · · · · · · ·	200	Pemp Sougal midflush Pemp 2061 KCL flush
								reap or over person
			6			***************************************		Plug RH - 305k
								1
	1503	4	45				200	mx SMD cent 953 @12.2ppg mx SA-Z cent 1005 @ 15.3ppg
		2/	23				<i>200</i>	my SA-Z Cent 1005 @ 15.3009
			-68te	Tall				- 10
								Drop Atch down play unsh out pup & line
	1026	***************************************						wash out pup & line
	0 n est 1	<u> </u>						
	1031	6					200	Displace plug (KCL in first 20 6/01)
		534	103				1950	
	1645	534 531	112				1600	Land alias
			116		_		ievo	Land plag
								Release pressure to tevch - dried up
								Heren become in four cultar up
	1050			1				wash teach
								<b>!</b>
								Rack up
	1620							job complete
					_			
								Blame, Flort & g speed
					_			Blaine, + lint & g sped
					_			
			L					



#### DRILL STEM TEST REPORT

Palomino Petroleom Inc.

29=16s=24w Ness County

4924 SE 84th St. New ton Ks, 67114 Whipple-Giess #1 Job Ticket: 61523

DST#: 1

ATTN: Nick Gerstner

Test Start: 2015.03.09 @ 10:40:00

#### **GENERAL INFORMATION:**

Time Tool Opened: 12:30:00

Time Test Ended: 17:02:45

Formation:

Interval:

Total Depth:

Hole Diameter:

Miss.

Deviated:

No Whipstock: 0.00 ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Justin Harris

Unit No:

71

2527.00 ft (KB)

Reference Elevations:

2522.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 8674 Press@RunDepth:

Inside

4526.00 ft (KB) (TVD)

4452.00 ft (KB) To 4526.00 ft (KB) (TVD)

7.88 inches Hole Condition: Poor

4453.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

302.81 psig @ 2015.03.09

End Date:

2015.03.09

Last Calib.:

2015.03.09

Start Time:

10:40:05

End Time:

17:02:44

Time On Btm:

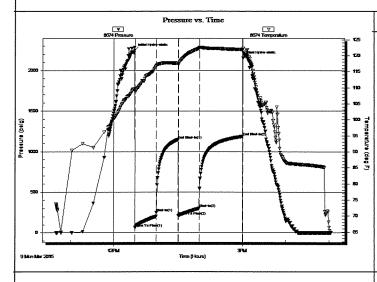
2015.03.09 @ 12:29:30

Time Off Btm:

2015.03.09 @ 15:00:45

TEST COMMENT: 30: B.O.B in 8 mins.

30: Weak surface blow. 30: B.O.B in 10 mins. 60: No Return.



## PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2245.19	109.66	Initial Hydro-static
1	64.71	108.53	Open To Flow (1)
31	250.54	116.84	Shut-In(1)
61	1148.01	117.51	End Shut-In(1)
61	211.61	117.18	Open To Flow (2)
90	302.81	122.33	Shut-In(2)
151	1187.89	121.86	End Shut-In(2)
152	2153.95	122.16	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
122.00	omcw 5o 30m 65w	0.60
562.00	gocm 10g 40o 50m	7.88
0.00	GIP 68 feet	0.00

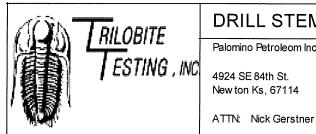
#### Gas Rates

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

Trilobite Testing, Inc

Ref. No: 61523

Printed: 2015.03.09 @ 20:29:47



### DRILL STEM TEST REPORT

**FLUID SUMMARY** 

Palomino Petroleom Inc. 29=16s=24w Ness County

4924 SE 84th St. New ton Ks, 67114 Whipple-Giess #1

Job Ticket: 61523 DST#: 1

Test Start: 2015.03.09 @ 10:40:00

Mud and Cushion Information

Mud Type: Gel Chem Cushion Type: Oil API: 0 deg API 26000 ppm Water Salinity:

9.00 lb/gal Mud Weight: Cushion Length: ft 47.00 sec/qt Viscosity: Cushion Volume: bbl

Water Loss: 7.99 in<sup>3</sup> Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 2250.00 ppm Filter Cake: 1.00 inches

#### **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
122.00	omcw 5o 30m 65w	0.600
562.00	gocm 10g 40o 50m	7.883
0.00	GIP 68 feet	0.000

Total Length: 684.00 ft Total Volume: 8.483 bbl

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

Laboratory Name: Laboratory Location: Recovery Comments: API RW .25 @ 73 F = 26000 Chlorides

Trilobite Testing, Inc Ref. No: 61523 Printed: 2015.03.09 @ 20:29:47

