KOLAR Document ID: 1670622

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
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.:			
Name:			Spot Description:			
Address 1:				Sec Twp	S. R	_ East _ West
Address 2:				Feet from	North / Sc	outh Line of Section
City: S	State: Zip	:+		Feet from	East / W	est Line of Section
Contact Person:			Footages Calculated	from Nearest Outs	side Section Cor	ner:
Phone: ()			□ NE 〔	□NW □SE	\square sw	
CONTRACTOR: License #			GPS Location: Lat:		, Long:	
Name:				(e.g. xx.xxxxx)	¬	(e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27		_	
Purchaser:			County:			
Designate Type of Completion:			Lease Name:		Well	#:
New Well Re	e-Entry	Workover	Field Name:			
	SWD		Producing Formation	1:		
☐ Gas ☐ DH	☐ EOR		Elevation: Ground:_	ŀ	Kelly Bushing:	
OG	GSW		Total Vertical Depth:	Pluḍ	g Back Total Dep	th:
CM (Coal Bed Methane)	_		Amount of Surface P	ipe Set and Cemer	nted at:	Feet
Cathodic Other (Cor	re, Expl., etc.):		Multiple Stage Ceme	enting Collar Used?	? Yes N	lo
If Workover/Re-entry: Old Well In	nfo as follows:		If yes, show depth se	et:		Feet
Operator:			If Alternate II comple	tion, cement circul	ated from:	
Well Name:			feet depth to:	W.	/	sx cmt.
Original Comp. Date:	Original Tot	tal Depth:				
☐ Deepening ☐ Re-perf. ☐ Plug Back ☐ Liner	Conv. to GS		Drilling Fluid Manag	•	t)	
Commingled	Pormit #:		Chloride content:	ppm	Fluid volume: _	bbls
Dual Completion			Dewatering method u	used:		
SWD			Location of fluid disp	osal if hauled offsit	te:	
☐ EOR						
☐ GSW			Operator Name:			
			Lease Name:			
Spud Date or Date Re	ached TD	Completion Date or	Quarter Sec.	Twp	S. R	East West
Recompletion Date		Recompletion Date	County:	Pern	nit #:	

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 ☐ Drill Stem Tests Received								
Geologist Report / Mud Logs Received								
UIC Distribution								
ALT I II III Approved by: Date:								

KOLAR Document ID: 1670622

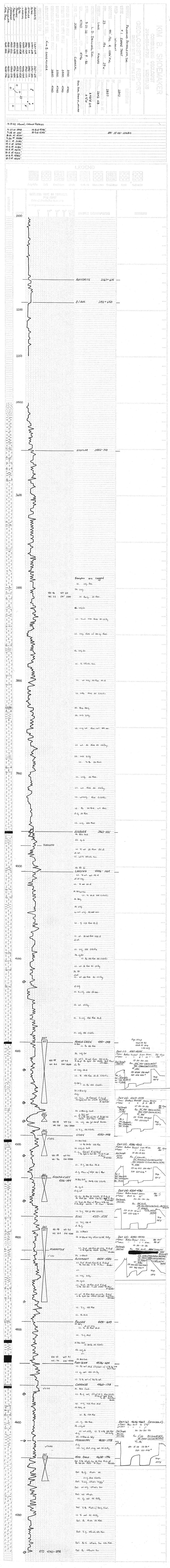
Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	EHMKE TRUST 1
Doc ID	1670622

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	219	H-325	220	H-325
Production	7.875	5.5	14	4742	SMD, EA- 2	195	SMD, EA- 2





Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200 Wichita, KS 67202 316-303-9515

Customer:

PALOMINO PETROLEUM INC 4924 SE 84TH ST NEWTON, KS 67114-8827

Invoice Date:	9/27/2022
Invoice #:	0363708
Lease Name:	Ehmke
Well #:	1 (New)
County:	Lane, Ks
Job Number:	WP3433
District:	Oaklev

Date/Description	* (2 - 1 - 2	HRS/QTY	Rate	Total
Surface		0.000	0.000	0.00
H-325		225.000	22.500	5,062.50
Light Eq Mileage		75.000	2.000	150.00
Heavy Eq Mileage		150.000	4.000	600.00
Ton Mileage		795.000	1.500	1,192.50
Depth Charge 0'-500'		1.000	1,000.000	1,000.00
Cement Blending & Mixing		225.000	1.400	315.00
Service Supervisor		1.000	275.000	275.00

Total	8,595.00

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.



Customer	Palomi	no Pe	etroleum	ım Lease & Well # Ehmke #1						Date	9/	27/202	2					
Service District	Oakley	KS				Coun	ty & Sta	ite La	ne			Legals S/T/R	23-198	-29W	Job#			
Job Type	Surface	е	[·	PROD)	☐ IN	J] sw	D		New Well?	✓ YES	☐ No	Ticket#	W	/P 343	3
Equipment #	ì	Driver	*						Job	Safety	Anal	lysis - A Discus	sion of Hazards	& Safety Pro	cedures			
73	John			Hard	hat			V] Glo	ves			Lockout/Ta	gout	☐ Warning Sign	ns & Flagging	ĺ	
208	Jose V	97	[·	H2S N	Monitor			J] Eye	Protecti	on		Required P	ermits	Fall Protection	on		
159-530	Kale		[·	Safety	Footw	ear			Res	piratory	Prot	ection	☑ Slip/Trip/Fa	II Hazards	☑ Specific Job	Sequence/Exp	ectatio	ons
				FRC/F			ing		Add	ditional (Chem	nical/Acid PPE	✓ Overhead H	lazards	✓ Muster Point	/Medical Loc	ations	
				Heari	ng Prote	ection		V	Fire	Extingu	isher	A II HE	Additional	concerns or is	sues noted below			ed agree A
												Cor	nments					
Product/ Service Code					Desc	ription						Unit of Measure	Quantity				Net	Amount
CP015	H-325											sack	225.00					\$5,062.50
M015	Light Ed	quipm	ent Milea	ge								mi	75.00					\$150.00
M010	Heavy I	Equip	ment Mile	age							_	mi	150,00					\$600.00
M020	Ton Mil	eage									4	tm	795.00					\$1,192.50
D010	Depth C	Charg	e: 0'-500'								4	job	1.00					\$1,000.00
C060	Cemen	t Blen	ding & Mi	xing Ser	rvice						4	sack	225.00					\$315.00
R061	Service	Supe	rvisor								-	day	1.00			-		\$275.00
	-					-					4		-					
				_							-							
											+							
					-						-							
	-			_							-							
ļ											-							
	-				-						+							
											+							
											+							
											7							
											1							
																	-	
Custo	omer Se	ction	: On the f	ollowing	scale h	iow wou	ld you ra	ite Hur	rican	e Servic	es In	с.?				Net:		\$8,595.00
													Total Taxable	\$ -	Tax Rate:		\geq	\sim
Ba		- 3	ob, how i		===	_	an a				jue?		used on new well	s to be sales ta		Sale Tax:	\$	-
				Ш		П							100000000000000000000000000000000000000		customer provided a determination if			
	Unlikely 1		2 3	4	5	6	7	8	9	10	Extre	mely Likely	services and/or p	roducts are tax	exempt.	Total:	\$	8,595.00
															John Polley			
TERMS; Cash in adva due accounts shall pa			balance p	ast due	at the rat	e of 1 1/2	% per mo	nth or t	he ma	aximum a	llowal	ble by applicable s		. In the event it	is necessary to emp			

V	CUSTOMER AUTHORIZATION SIGNATURE
Α	CUSTOMER AUTHORIZATION SIGNATURE



EMENT TRE	ATMEN	T REPO	ORT					
Customer:	Palomin	o Petrol	eum	Well:		Ehmke #1	Ticket:	WP 3433
City, State:	Dighton			County:		Lane	Date:	9/27/2022
Field Rep:				S-T-R:		23-19S-29W	Service:	Surface
	THOR THE	-			11 2 -			
Downhole	Informatio	on		Calculated Si	lurry - Lead		Calc	ulated Slurry - Tail
Hole Size:	12 1/4	in		Blend:	H-32	25	Blend:	
Hole Depth:	220	ft		Weight:	14.8 [ppg	Weight:	ppg
Casing Size:	8 5/8	in		Water / Sx:	6.9	jal / sx	Water / Sx:	gal / sx
Casing Depth:		ft		Yield:	1.41 f	t³/sx	Yield:	ft³/sx
Fubing / Liner:		in		Annular Bbls / Ft.:	0.0735 1	obs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:		ft		Depth:	220 1		Depth:	ft
Tool / Packer:				Annular Volume:	16.2	bls	Annular Volume:	0 bbls
Tool Depth:		ft		Excess:			Excess:	
Displacement:	12.7	bbls	Jan godena	Total Slurry:	56.5 1		Total Slurry:	0.0 bbls
TIME RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks:	225	SX	Total Sacks:	0 sx
9:50 PM	1-51	DDE3		Arrived on location				
9:51 PM				Casing on bottom				
9:56 PM				Circulated mud				
10:00 PM				Safety meeting				
0:10 PM				Rigged up				
0:20 PM 3.0	100.0	5.0	5.0	Water ahead				
0:22 PM 4.2	200.0	56.5	61.5	Mixed 225 sacks H-325	cement @ 14	1.8 ppg		
10:36 PM 4.3	175.0	12.7	74.2	Begin displacement				
10:40 PM	125.0		74.2	Plug down and shut in	with 5 bbls c	ement circulated to pit		
10:42 PM			74.2	Washed up and rigged	down			
11:10 PM			74.2	Left location				
	-							
	-							
	-							
	 							
					-			
	CREW			UNIT			SUMMAR	Y
Cementer	1			73		Average Rate	Average Pressure	Total Fluid
Pump Operator				208		3.8 bpm	150 psi	74 bbls
Bulk #1				159-530				
Bulk #2								



P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300



DATE	INVOICE#
10/8/2022	35599

Invoice

BILL TO

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



- Acidizing
- Cement
- Tool Rental

Ref Bernard Bernard	TERMS	Well N	o. Lease	County	Contractor	Wel	l Type	We	ell Category	Job Purpose	Operator
Mileage - 1 Way	Net 30	#1	Ehmke Trust	Lane	LD Drlg Rig #1	16	Oil Development		Cement Long Str	Jonathan	
Pump Charge - Long String	PRICE	REF.	•	DESCRIPT	TON		QT	′	UM	UNIT PRICE	AMOUNT
	578D-L 290 281 221 403-5 404-5 406-5 407-5 325 284 283 285 276 330 581D		Pump Charge - Long D-Air Mud Flush Liquid KCL (Clayfix 5 1/2" Cement Baske 5 1/2" Port Collar 5 1/2" Latch Down F 5 1/2" Insert Float S 5 1/2" Turbolizer Standard Cement Calseal Salt CFR-1 Flocele Swift Multi-Density Service Charge Cem Drayage	c) Plug & Baffle hoe With Auto Standard (MII ent			4	1 5 500 4 1 1 1 10 100 9 550 50 125 225	Job Gallon(s) Gallon(s) Gallon(s) Each Each Each Each Sacks Sack(s) Lb(s) Lb(s) Sacks Sacks	1,600.00 42.00 2.00 25.00 300.00 2,500.00 250.00 100.00 15.00 50.00 0.25 6.00 3.00 19.50 2.00 1.00	1,600.00 210.00° 1,000.00° 100.00° 300.00° 2,500.00° 350.00° 1,500.00° 450.00° 137.50° 300.00° 150.00° 2,437.50° 450.00 458.80°

SWIFT
Services, Inc.

CHARGE TO: Palamino H	Pedro la cons	
ADDRESS	CH BICUPI	
CITY, STATE, ZIP CODE		
EHMKE TH	COUNTY/PARISH	STATE CI

TICKET				1674	-	
	3	5	5	9	9	

				ADDRES	- <i>14 18m100 124</i> S	rsieum							35599
Service	es, Inc.			CITY, ST	ATE, ZIP CODE							PAGE	, 0,
SERVICE LOCATION	NS .	WELL/PROJ	ECT NO.	IFA	SF .	. COUNTY/PARI	1011						1 2
1. Hays, K	./ 11	WELL/PROJ			EHMKE Tru	st Lane	SH	STATE CITY				DATE	OWNER
2. /VESS C)	ty, K5	TICKET TYPE SERVICE	CONTRA	ACTON		RIG NAME/NO.		SHIPPED DELI	VERED TO)		10/02/22 ORDER NO.	Same
3.		SALES WELL TYPE	LIU	Drill	L G ATEGORY	JOB PURPOSE	•		ocation				
4.		0:1		De	relapment		er delaine	WEL	L PERMIT	NO.	V	WELL LOCATION	
REFERRAL LOCAT	TON	INVOICE INS	TRUCTIO	NS	SCIPPINES IT	Cement L	SHO SHING				-		
PRICE	SECONDARY R	EFERENCE/	ACC	OUNTING	T 95	OORIDTION							
REFERENCE	PART NU			ACCT DF	DE	SCRIPTION		QT	Y. U/M	QTY. I	1/8.4	UNIT	AMOUNT
575			1		MILEAGE # 113				Bmi	dir. It	J/IVI	PRICE	= = = = = = = = = = = = = = = = = = = =
578			1			ge-Longst	_ •	7			-		0/0/
290			1		D-Air	JE - 2016 24	ng		EA			1600 00	1600 00
281			1		Mudflush				5 gal	!	-	42 00	210 00
22)						•		500	5/49)		_	2 00	1000
463				2.	Liquid ICC				tgal			25	100 00
404			+		Cement Ba				LEA			300 00	300
406					Port Colle	~ 51/2"		2	1 EA			2500 50	2500 00
					Latch Down	Plugt Battle	51/2"		EA	1		250 50	250 00
467			1		Insert Float	shoe wIA	wts fill 5	1/210	EA			350	350
469					Turbolize	r			EA				350 P
									54		-	10000	1000
		8							7		_		
LEGAL TERMS: (Customer hereby	acknowledges	and agr	rees to			s	URVEY	AGREE	T	\perp_{T}		
the terms and condi	itions on the reve	rse side hereo	f which in	clude	REMIT PA	YMENT TO:	OUR EQUIPMENT	PERFORMED	AGHEE	UNDECIDED DI	SAGREE	Page 1	7590 0
but are not limited	to, PAYMENT, F	RELEASE, INI	DEMNITY	/, and			WE UNDERSTOO		-			Page 2	5883 20
LIMITED WARRAN	ITY provisions.				SWIFT SER	RVICES, INC	MET VOUD NEED	S?				Sub Total	
MUST BE SIGNED BY CUS START OF WORK OR DEL	STOMER OR CUSTOME	S'S AGENT PRIOR	то				PERFORMED WIT WE OPERATED T	HOUT DELAY?	-			OUD IDTAI	13,473 80
X PORKOR DEL	D GOODS.					OX 466	AND PERFORMED CALCULATIONS) JOB				(LOTAX A	C 10/2
DATE SIGNED	γ //	7				/, KS 67560	SATISFACTORILY					Mine	801/38
DATE SIGNED		SIGNED			785-79	8-2300	ARE YOU SATISFIE	D WITH OUR SERVIC	E? YES	□ NO			1,7
-	CUSTOMER	ACCEPTANO			ND SERVICES The			CUSTOMER DI	D NOT WISH	TO RESPOND		TOTAL	14275118
	SecioniLit.	TOULT IMING		I F F I A I S A	MILL SEDVICES The	2							1 1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1

ALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket. APPROVAL

Thank You!



TICKET CONTINUATION

No. 35594

PO Box 466 Ness City, KS 67560 Palamino Petroleum EHMKE Toust #1 10/08/22 Off: 785-798-2300 ACCOUNTING SECONDARY REFERENCE/ TIME DESCRIPTION AMOUNT AGCT DF U/M QTY U/M 1500 00 325 Standard Cement 100 SKS 450 00 284 Calseal 9 3KS 283 550 1bs 285 CFR-1 2 50 16s Flocele 276 50 165 Swift Multi Density Stal 336 125 513 200 581 2 225 SKS Cement MILEAGE TOTAL WEIGHT 46 LOADED MILES 458,80

CONTINUATION TOTAL

STO	mer mino A	trole um	WELL NO.			EUM	KETri	JOB TYPE TICKET NO.
HART NO.		RATE (BPM)	VOLUME (BBL) (GAL)	PUM	IPS C	PRESS	URE (PSI)	DESCRIPTION OF OPERATION WE WANTED
	2630		(552) (5/12)		U	TUBING	CASING	
								On location w/ Float Equipment
								RTD-47/1A 1 TD 1/7/12
								RTD-4740, LTD-4742 111 Its of 51/2"x 14# set 6. 4786
								Shoe Jt 44.44'
								Port Collar - Top of 59 @
								Centralizers 12 51 784 117
								Centralizers-1,2,5,6,7,8,9,113,10, Basket - 89
	2100							Start Pipe w/FE
	23/5							Break Circulation on Botton
	0015					19		Hook up to Smift
		2	7	_				Plung Rathole w/30 ses
		_					400	Plug Monschole No Monse hole
		5	12		-		400	Pamp Mudflush
		_ <u>\$</u> _5	20				400	Pump KCL Spacer Start SMD Cont mixed @ 12.5 ppg
			7/	Seile.	-	Fin		Start SMD Cont mixed @ 12.5 pp
			36 60		+		.1.	FINISH SITE, STATE EAS
	0100		φω		\dashv		VAC	Finish Cont, Short Down
W.	0105	8						Drop Plug, Washout Aumpt Lines Start Displacement
		7	80				400	C. Spiellieri,
		61/4	112				1100	Lift Pressure
	0120	101/4	1141/2		7		1700	LAND PL
						-	7,00	Pelassa Tak Ar
								Wash of
								Raillus
-	0145							Land Plug Release Truck, Dry Wash up Rack up Job Complete
_								
								Thanks
								Thanks Jon, Joe + Mark
								7
+				-	-			
-				-				



Company: Palomino Petroleum, SEC: 23 TWIN: County: LANE Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2842 kb Field Name: Paris Pool: Wildcat

Job Number: 607

API #: 15-101-22680

Operation: Uploading recovery & pressures

> **DATE** October

> > 03

2022

DST #1 Formation: LKC H - I Test Interval: 4187 -Total Depth: 4255' 4255'

Time On: 17:34 10/03 Time Off: 01:07 10/04

Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Electronic Volume Estimate:

1160'

1st Open Minutes: 15 Current Reading: 38.3" at 15 min

Max Reading: 38.3"

1st Close Minutes: 30 **Current Reading:**

0" at 30 min Max Reading: 0"

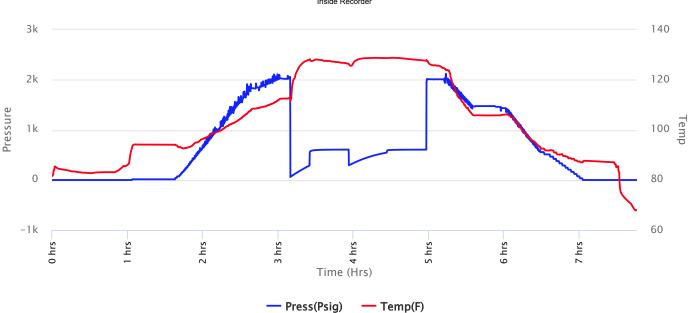
2nd Open Minutes: 30 **Current Reading:** 70.8" at 30 min

Max Reading: 70.8"

2nd Close Minutes: 30 **Current Reading:**

0" at 30 min Max Reading: 0"

Inside Recorder





Company: Palomino Petroleum, SEC: 23 TWN: County: LANE Inc.

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2842 kb Field Name: Paris

Pool: Wildcat Job Number: 607 API #: 15-101-22680

Operation: Uploading recovery & pressures

Lease: Ehmke Trust #1

DATE October 03

2022

DST #1

Test Interval: 4187 -

Total Depth: 4255'

4255'

Time On: 17:34 10/03

Formation: LKC H - I

Time Off: 01:07 10/04

Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Recovered

Foot BBLS 229 2.34954 941 9.65466 **Description of Fluid HMCW SLMCW**

Oil % Gas % Water % Mud % 0 0 70 30 0 0 95 5

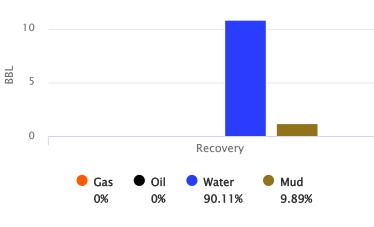
Total Recovered: 1170 ft

Total Barrels Recovered: 12.0042

Reversed Out NO

Initial Hydrostatic Pressure	2059	PSI
Initial Flow	69 to 284	PSI
Initial Closed in Pressure	606	PSI
Final Flow Pressure	294 to 544	PSI
Final Closed in Pressure	606	PSI
Final Hydrostatic Pressure	2012	PSI
Temperature	129	°F
Pressure Change Initial	0.1	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 0



Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE Inc.

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2842 kb Field Name: Paris Pool: Wildcat

Job Number: 607 API#: 15-101-22680

Operation:

Uploading recovery & pressures

DATE

October

03

2022

DST #1

Formation: LKC H - I

Test Interval: 4187 -

Total Depth: 4255'

4255'

Time On: 17:34 10/03

Time Off: 01:07 10/04

Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

BUCKET MEASUREMENT:

1st Open: BoB at 3 mins 20 secs

1st Close: No return

2nd Open: BoB at 4 mins 10 secs

2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 0% Oil 100% Water 0% Mud

Ph: 7

Measured RW: .42 @ 63 degrees °F

RW at Formation Temp: 0.216 @ 129 °F

Chlorides: 17,200 ppm



Operation: Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

Pool: Wildcat

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2842 kb Field Name: Paris

Job Number: 607 API #: 15-101-22680

4171.37 FT

DATE

October 03

2022

DST #1 Formation: LKC H - I Test Interval: 4187 -Total Depth: 4255'

4255'

Time On: 17:34 10/03 Time Off: 01:07 10/04

Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Down Hole Makeup

Heads Up: Packer 1: 28.37 FT 4181.95 FT

Drill Pipe: 4182.75 FT Packer 2: 4186.95 FT

ID-3 1/4 Top Recorder:

Weight Pipe: FT **Bottom Recorder:** 4253 FT

ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

Surface Choke: ID-2 1/4

Bottom Choke: Test Tool: 33.57 FT 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 68.05

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 32 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 31.05 FT

ID-3 1/4

Change Over: .5 FT

Perforations: (below): 3 FT

4 1/2-FH



Operation:
Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS
Drilling Cont

Lease: Ehmke Trust #1

Drilling Contractor: L. D. Drilling &

SEC: 23 TWN: 19S RNG: 29W

Exploration, LLC - Rig 1 Elevation: 2842 kb Field Name: Paris Pool: Wildcat Job Number: 607

API #: 15-101-22680

DATE October

03

2022

DST #1 Formation: LKC H - I Test Interval: 4187 - Total Depth: 4255'

Time On: 17:34 10/03 Time Off: 01:07 10/04

Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Mud Properties

Mud Type: Chem Weight: 9.3 Viscosity: 44 Filtrate: 8.0 Chlorides: 2600 ppm



Operation: Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

MCF/D

Exploration, LLC - Rig 1

Elevation: 2842 kb Field Name: Paris Pool: Wildcat Job Number: 607 API#: 15-101-22680

DATE October

03

2022

DST #1 Formation: LKC H - I Test Interval: 4187 -Total Depth: 4255'

4255'

Time On: 17:34 10/03 Time Off: 01:07 10/04

Time On Bottom: 20:38 10/03 Time Off Bottom: 22:23 10/03

Gas Volume Report

	1st Op	en			2nd O _l	pen
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI



Company: Palomino Petroleum, SEC: 23 TWIN: County: LANE Inc.

Lease: Ehmke Trust #1

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1

SEC: 23 TWN: 19S RNG: 29W

Elevation: 2842 KB Field Name: Paris Pool: WILDCAT Job Number: 607

API #: 15-101-22680

Operation:

Uploading recovery & pressures

DATE

October

04

2022

DST #2

Formation: LKC J

Test Interval: 4268 -

Total Depth: 4275'

4275'

Time On: 08:45 10/04 Time Off: 15:06 10/04

Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Electronic Volume Estimate:

972'

1st Open Minutes: 15 **Current Reading:**

61.4" at 15 min

Max Reading: 61.4"

1st Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 10 **Current Reading:**

27.1" at 10 min

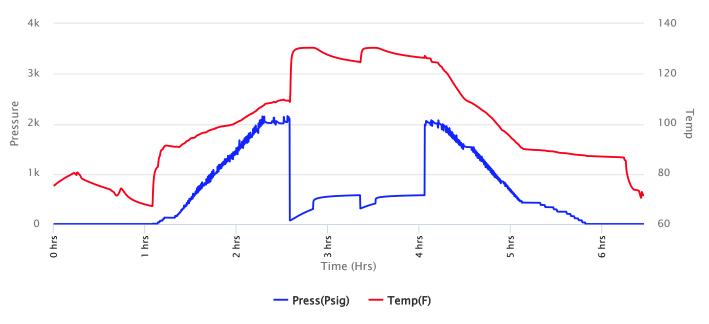
Max Reading: 27.1"

2nd Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"







Company: Palomino Petroleum, SEC: 23 TWN: County: LANE Inc.

State: KS

Drilling Contractor: L. D. Drilling &

Mud %

20 3

Exploration, LLC - Rig 1

SEC: 23 TWN: 19S RNG: 29W

Elevation: 2842 KB Field Name: Paris Pool: WILDCAT Job Number: 607 API#: 15-101-22680

Operation: Uploading recovery & pressures

Lease: Ehmke Trust #1

DATE October 04 2022

DST #2 Formation: LKC J Test Interval: 4268 -Total Depth: 4275' 4275'

Time Off: 15:06 10/04 Time On: 08:45 10/04

Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid	Gas %	Oil %	Water %
70	0.7182	MCW	0	0	80
830	8.5158	SLMCW	0	0	97

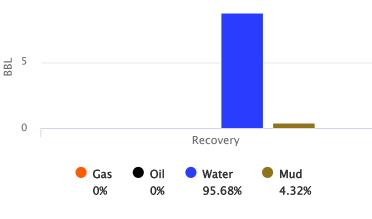
Total Recovered: 900 ft

Total Barrels Recovered: 9.234

Reversed Out
NO

Initial Hydrostatic Pressure	2100	PSI
Initial Flow	72 to 299	PSI
Initial Closed in Pressure	577	PSI
Final Flow Pressure	315 to 405	PSI
Final Closed in Pressure	576	PSI
Final Hydrostatic Pressure	2049	PSI
Temperature	131	°F
Pressure Change Initial	0.1	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 0



Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE Inc.

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2842 KB Field Name: Paris

Pool: WILDCAT Job Number: 607 API#: 15-101-22680

Operation: Uploading recovery &

pressures

DST #2 DATE

Formation: LKC J

Test Interval: 4268 -

Total Depth: 4275'

4275'

Time On: 08:45 10/04

Time Off: 15:06 10/04

Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

BUCKET MEASUREMENT:

October

04

2022

1st Open: BoB at 2 mins 20 secs

1st Close: No return

2nd Open: BoB at 3 mins 50 secs

2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 0% Oil 99% Water 1% Mud

Ph: 7

Measured RW: .36 @ 60 degrees °F

RW at Formation Temp: 0.174 @ 131 °F

Chlorides: 21,600 ppm



Operation: Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS
Drilling Con

Lease: Ehmke Trust #1

Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1

SEC: 23 TWN: 19S RNG: 29W

Elevation: 2842 KB Field Name: Paris Pool: WILDCAT Job Number: 607 API #: 15-101-22680

7 7/8

DATE

October

04

2022

DST #2 Formation: LKC J Test Interval: 4268 - Total Depth: 4275'

4275'

Well Bore Size:

Time On: 08:45 10/04 Time Off: 15:06 10/04

Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Down Hole Makeup

Heads Up: 9.6000000000002 FT Packer 1: 4263 FT

Drill Pipe: 4245.03 FT **Packer 2:** 4268 FT

ID-3 1/4 Top Recorder: 4252.42 FT

Weight Pipe: FT Bottom Recorder: 4270 FT

ID-2 7/8

Collars: 0 FT

ID-2 1/4 Surface Choke: 1"

Test Tool: 33.57 FT Bottom Choke: 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 7

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): 6 FT

4 1/2-FH



Operation:
Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS
Drilling Cont

Lease: Ehmke Trust #1

Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1

SEC: 23 TWN: 19S RNG: 29W

Elevation: 2842 KB Field Name: Paris Pool: WILDCAT Job Number: 607 API #: 15-101-22680

DATE October

04

2022

DST #2 Formation: LKC J Test Interval: 4268 - Total Depth: 4275'

4275'

Time On: 08:45 10/04 Time Off: 15:06 10/04

Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Mud Properties

Mud Type: Chem Weight: 9.2 Viscosity: 51 Filtrate: 8.8 Chlorides: 3500 ppm



Operation: Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2842 KB

Field Name: Paris Pool: WILDCAT Job Number: 607 API#: 15-101-22680

DATE October

04

2022

Formation: LKC J **DST #2**

Test Interval: 4268 -

Total Depth: 4275'

PSI

MCF/D

4275'

Time On: 08:45 10/04

Time Off: 15:06 10/04

Time On Bottom: 11:15 10/04 Time Off Bottom: 12:40 10/04

Gas Volume Report

1st Open				2nd Op	pen	
Time	Orifice	PSI	MCF/D	Time	Orifice	P



Company: Palomino Petroleum, SEC: 23 TWIN: County: LANE Inc.

Lease: Ehmke Trust #1

Drilling Contractor: L. D. Drilling &

SEC: 23 TWN: 19S RNG: 29W

Exploration, LLC - Rig 1

Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607

API #: 15-101-22680

State: KS

Operation:

Uploading recovery & pressures

DATE

October

05

2022

DST #3 Formation: LKC K Test Interval: 4286 -Total Depth: 4312' 4312'

Time On: 00:04 10/05 Time Off: 05:52 10/05

Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Electronic Volume Estimate:

1231'

1st Open Minutes: 15 Current Reading: 73.8" at 15 min

Max Reading: 73.8"

1st Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 15 **Current Reading:**

39.8" at 15 min

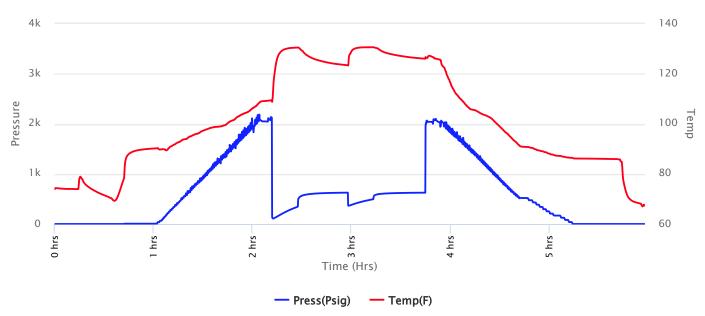
Max Reading: 39.8"

2nd Close Minutes: 30 **Current Reading:**

0" at 30 min

Max Reading: 0"

Inside Recorder





Company: Palomino Petroleum, SEC: 23 TWN: County: LANE Inc.

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL

SEC: 23 TWN: 19S RNG: 29W

Field Name: Paris Pool: WILDCAT Job Number: 607 API #: 15-101-22680

Operation: Uploading recovery & pressures

DATE

October

05

2022

Formation: LKC K

Lease: Ehmke Trust #1

Test Interval: 4286 -

Total Depth: 4312'

4312'

Time Off: 05:52 10/05 Time On: 00:04 10/05

Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Recovered

<u>Foot</u>	BBLS	Description of Fluid
1	0.01026	0
137	1.40562	SLOCSLMCW
952	9.76752	SLOCSLMCW

DST #3

Gas %	<u>Oil %</u>	Water %	<u>Mud %</u>
0	100	0	0
0	1	94	5
0	1	96	3

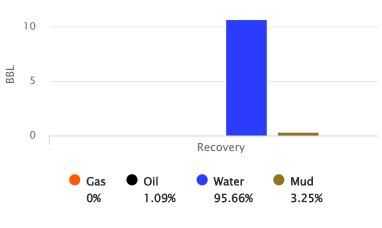
Total Recovered: 1090 ft

Total Barrels Recovered: 11.1834

Reversed Out
NO

Initial Hydrostatic Pressure	2121	PSI
Initial Flow	116 to 352	PSI
Initial Closed in Pressure	627	PSI
Final Flow Pressure	374 to 495	PSI
Final Closed in Pressure	626	PSI
Final Hydrostatic Pressure	2056	PSI
Temperature	131	°F
Pressure Change Initial	0.2	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 0



Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE Inc.

Formation: LKC K

State: KS

Drilling Contractor: L. D. Drilling &

Total Depth: 4312'

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris

Job Number: 607 API#: 15-101-22680

Pool: WILDCAT

Operation: Uploading recovery & pressures

Lease: Ehmke Trust #1

DST #3

DATE October

> 05 2022

4312' Time On: 00:04 10/05 Time Off: 05:52 10/05

Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Test Interval: 4286 -

BUCKET MEASUREMENT:

1st Open: BoB at 1 mins 45 secs

1st Close: No return 2nd Open: BoB at 3 mins 2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 3% Oil 97% Water 0% Mud

Ph: 7

Measured RW: .48 @ 52 degrees °F

RW at Formation Temp: 0.205 @ 131 °F

Chlorides: 18,000 ppm



Operation: Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS Inc.

Drilling Contractor: L. D. Drilling & Exploration, LLC - Rig 1

Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API #: 15-101-22680

DST #3

Formation: LKC K

Test Interval: 4286 -

Total Depth: 4312'

SEC: 23 TWN: 19S RNG: 29W

4312'

October

DATE

05

2022

Time On: 00:04 10/05 Time Off: 05:52 10/05

Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Down Hole Makeup

Heads Up: 22.72 FT Packer 1: 4281 FT

Drill Pipe: 4276.15 FT Packer 2: 4286 FT

ID-3 1/4 Top Recorder: 4270.42 FT

Weight Pipe: FT **Bottom Recorder:** 4313 FT

ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

Surface Choke: ID-2 1/4

Bottom Choke: Test Tool: 33.57 FT 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 26

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 25 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): FT

4 1/2-FH



Operation:
Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS
Drilling Contractor: L. D. Drilling &

Lease: Ehmke Trust #1

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

SEC: 23 TWN: 19S RNG: 29W

Job Number: 607 API #: 15-101-22680

DATE October

05

2022

DST #3 Formation: LKC K Test Interval: 4286 - Total Depth: 4312'

Time On: 00:04 10/05 Time Off: 05:52 10/05

Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Mud Properties

Mud Type: Chem Weight: 9.2 Viscosity: 51 Filtrate: 8.8 Chlorides: 3500 ppm



Operation: Uploading recovery & pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1

Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API#: 15-101-22680

DATE October

05

2022

Formation: LKC K **DST #3** Test Interval: 4286 -Total Depth: 4312' 4312'

Time On: 00:04 10/05 Time Off: 05:52 10/05

Time On Bottom: 02:11 10/05 Time Off Bottom: 03:41 10/05

Gas Volume Report

1st Open				2nd O	pen		
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D



Operation:

Uploading recovery &

pressures

Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W Company: Palomino Petroleum, SEC: 23 TWIN: County: LANE

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607 API #: 15-101-22680

DATE

October 06 2022

DST #5 Formation: Altamont Test Interval: 4390 -Total Depth: 4470' 4470'

Time On: 16:04 10/06 Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Electronic Volume Estimate: 2231'

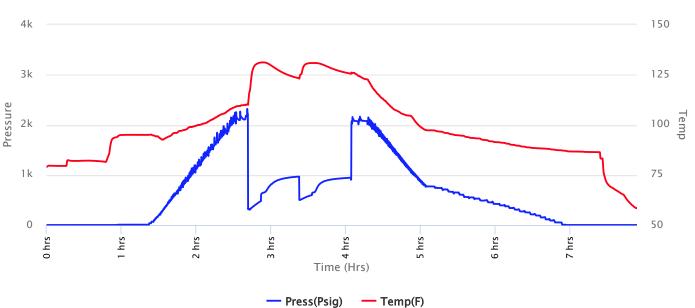
1st Open Minutes: 10 Current Reading: 131.4" at 10 min Max Reading: 131.4"

1st Close Minutes: 30 **Current Reading:** 11.3" at 30 min Max Reading: 11.3"

2nd Open Minutes: 10 **Current Reading:** 71.3" at 10 min Max Reading: 71.3"

2nd Close Minutes: 30 **Current Reading:** 8.4" at 30 min Max Reading: 8.4"

Inside Recorder





Operation:

Uploading recovery &

pressures

Company: Palomino Petroleum, SEC: 23 TWN: County: LANE Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607

API #: 15-101-22680

DATE October 06

2022

DST #5 Formation: Altamont Test Interval: 4390 -Total Depth: 4470' 4470'

> Time On: 16:04 10/06 Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Recovered

<u>Foot</u>	BBLS	Description of Fluid	Gas %	Oil %	Water %	<u>Mud %</u>
530	5.4378	G	100	0	0	0
45	0.4617	HOCG	50	50	0	0
1333	13.67658	HGCO	40	60	0	0
63.5	0.65151	GCHMCO	20	50	0	30
53.5	0.54891	HGCO	30	70	0	0
73.5	0.75411	OCHGCW	30	25	45	0
53.5	0.54891	HGCO	30	70	0	0
10	0.1026	OCHGCM	30	20	0	50

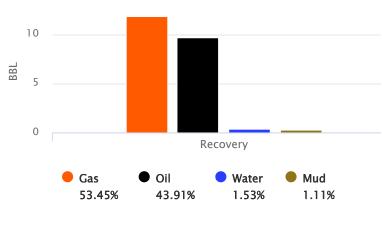
Total Recovered: 2162 ft

Total Barrels Recovered: 22.18212

Reversed	Out
NO	

Initial Hydrostatic Pressure	2219	PSI
Initial Flow	307 to 474	PSI
Initial Closed in Pressure	966	PSI
Final Flow Pressure	500 to 598	PSI
Final Closed in Pressure	944	PSI
Final Hydrostatic Pressure	2158	PSI
Temperature	131	°F
Describe Change Initial	0.0	0/
Pressure Change Initial	2.3	%
Close / Final Close		

Recovery at a glance



GIP cubic foot volume: 66.56519



Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE Inc.

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris

Job Number: 607 API#: 15-101-22680

Pool: WILDCAT

Operation:

Uploading recovery & pressures

DATE October

06

2022

DST #5

Formation: Altamont

Test Interval: 4390 -

Total Depth: 4470'

4470'

Time On: 16:04 10/06

Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

BUCKET MEASUREMENT:

1st Open: BoB at 1 min

1st Close: Surface return built to 10.5 2nd Open: BoB at 1 min 10 secs 2nd Close: Surface blow built to 8

REMARKS:

Tool Sample: 0% Gas 100% Oil 0% Water 0% Mud

Gravity: 33.4 @ 60 °F



Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API #: 15-101-22680

DATE

October

06

2022

DST #5 Formation: Altamont Test Interval: 4390 -Total Depth: 4470'

4470'

Time On: 16:04 10/06 Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Down Hole Makeup

Heads Up: Packer 1: 4385 FT 11.62 FT

Drill Pipe: 4369.05 FT Packer 2: 4390 FT

ID-3 1/4 Top Recorder: 4374.42 FT

Weight Pipe: FT **Bottom Recorder:** 4468 FT

ID-2 7/8

Well Bore Size: 7 7/8 Collars: 0 FT

Surface Choke: ID-2 1/4

Bottom Choke: Test Tool: 33.57 FT 5/8"

ID-3 1/2-FH

Jars

Safety Joint

Total Anchor: 80

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 12 FT

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 63 FT

ID-3 1/4

Change Over: .5 FT

Perforations: (below): 3 FT

4 1/2-FH



Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS
Drilling Contractor: L. D. Drilling &

Lease: Ehmke Trust #1

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607

SEC: 23 TWN: 19S RNG: 29W

API #: 15-101-22680

DATE October

06

2022

DST #5 Formation: Altamont Test Interval: 4390 - Total Depth: 4470'

Time On: 16:04 10/06 Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Mud Properties

Mud Type: Chem Weight: 9.2 Viscosity: 48 Filtrate: 10.4 Chlorides: 4200 ppm



Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1

Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607 API#: 15-101-22680

DATE October

> 06 2022

DST #5 Formation: Altamont Test Interval: 4390 -

Total Depth: 4470'

4470'

Time On: 16:04 10/06 Time Off: 23:45 10/06

Time On Bottom: 18:41 10/06 Time Off Bottom: 20:01 10/06

Gas Volume Report

1st Open					
Time	Orifice	PSI	MCF/D	Time	

2nd Open				
Time	Orifice	PSI	MCF/D	



Uploading recovery &

pressures

Company: Palomino Petroleum, SEC: 23 TWIN: County: LANE Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607

API #: 15-101-22680

DATE October

80 2022 **DST#6** Formation: Test Interval: 4713 -Total Depth: 4740' 4740' Mississippi

Time On: 05:47 10/08 Time Off: 11:50 10/08

Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

Electronic Volume Estimate:

42'

1st Open Minutes: 30 **Current Reading:** 2.3" at 30 min

Max Reading: 2.3"

Current Reading: 0" at 30 min Max Reading: 0"

1st Close Minutes: 30

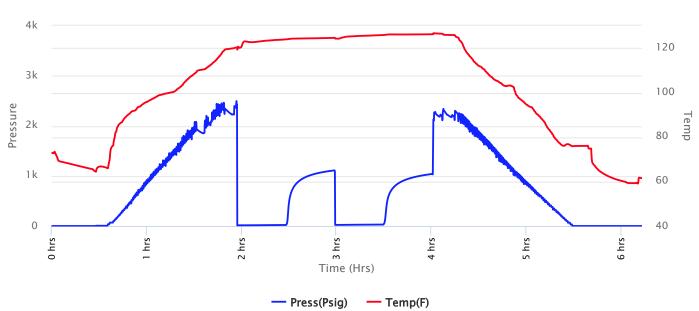
2nd Open Minutes: 30 **Current Reading:** 1" at 30 min

Max Reading: 1"

2nd Close Minutes: 30 **Current Reading:** 0" at 30 min

Max Reading: 0"

Inside Recorder





Company: Palomino Petroleum, SEC: 23 TWN: County: LANE Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API #: 15-101-22680

Operation: Uploading recovery & pressures

> **DATE** October 80 2022

DST #6 Formation: Mississippi Test Interval: 4713 -

Total Depth: 4740'

0

0

Mud %

0

90

4740'

Time Off: 11:50 10/08 Time On: 05:47 10/08

Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

0

0

Recovered

Foot **BBLS** 1 0.01026 45 0.4617

Description of Fluid 0 **SLOCM**

Oil % Gas % Water %

100

10

Recovery at a glance

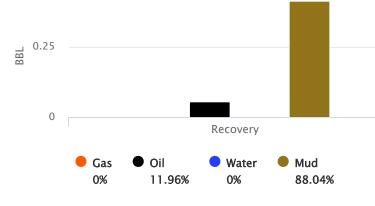
Total Recovered: 46 ft

Total Barrels Recovered: 0.47196

ı	Reversed Out
	NO

Initial Hydrostatic Pressure	2449	PSI
Initial Flow	15 to 28	PSI
Initial Closed in Pressure	1111	PSI
Final Flow Pressure	23 to 30	PSI
Final Closed in Pressure	1041	PSI
Final Hydrostatic Pressure	2271	PSI
Temperature	127	°F
Pressure Change Initial	6.3	%
01/5:101		

Close / Final Close



GIP cubic foot volume: 0



Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE Inc.

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API#: 15-101-22680

Operation: Uploading recovery & pressures

DST#6

Formation:

Test Interval: 4713 -

Total Depth: 4740'

Mississippi 4740'

Time On: 05:47 10/08

Lease: Ehmke Trust #1

Time Off: 11:50 10/08

Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

BUCKET MEASUREMENT:

DATE

October

80

2022

1st Open: Surface blow built to 2.25

1st Close: No return

2nd Open: Surface blow built to 1

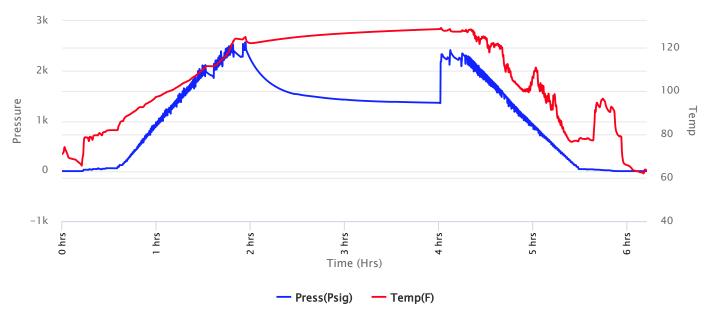
2nd Close: No return

REMARKS:

Tool Sample: 0% Gas 35% Oil 0% Water 65% Mud

Gravity: 34.1 @ 60 °F

Below Straddle Recorder





Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API #: 15-101-22680

Total Depth: 4740'

4697.42 FT

1"

DATE

October 80

2022

DST #6 Formation:

Test Interval: 4713 -Mississippi

4740'

Top Recorder:

Time On: 05:47 10/08 Time Off: 11:50 10/08

Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

Down Hole Makeup

Heads Up: Packer 1: 4708 FT 14.46 FT

Drill Pipe: 4694.89 FT Packer 2: 4713 FT

ID-3 1/4

Packer 3: 4740 FT Weight Pipe: FT

ID-2 7/8

Bottom Recorder: 4715 FT Collars: 0 FT

Below Straddle Recorder: 4729 FT ID-2 1/4

Test Tool: 33.57 FT Well Bore Size: 7 7/8

ID-3 1/2-FH Surface Choke:

Jars

Bottom Choke: 5/8" Safety Joint

Total Anchor: 27

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): 26 FT

4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

> **Change Over:** .5 FT

Drill Pipe: 63 FT

ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 12 FT

4 1/2-FH



Operation:

Uploading recovery &

pressures

Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE

State: KS
Drilling Contractor: L. D. Drilling &

Lease: Ehmke Trust #1

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607

API #: 15-101-22680

DATE

October

80

2022

DST #6

Formation: Mississippi

Test Interval: 4713 -

Total Depth: 4740'

4740'

Time On: 05:47 10/08

Time Off: 11:50 10/08

Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

Mud Properties

Mud Type: Chem Weight: 9.1 Viscosity: 61 Filtrate: 9.6 Chlorides: 4000 ppm



Uploading recovery &

pressures

Company: Palomino Petroleum, SEC: 23 IWN: County: LANE

Inc.

DST #6

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API#: 15-101-22680

PSI

MCF/D

DATE October

> 80 2022

Mississippi

Test Interval: 4713 -

Total Depth: 4740'

4740'

Time On: 05:47 10/08

Formation:

Time Off: 11:50 10/08

Time On Bottom: 07:41 10/08 Time Off Bottom: 09:41 10/08

Gas Volume Report

1st Open					2nd O _l	pen	
Time	Orifice	PSI	MCF/D]	Time	Orifice	Р



Uploading recovery &

pressures

Company: Palomino Petroleum, SEC: 23 TWIN: County: LANE Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607

API #: 15-101-22680

DATE

October 05 2022

DST #4 Formation: LKC L Test Interval: 4334 -Total Depth: 4361' 4361

Time On: 20:05 10/05 Time Off: 02:47 10/06

Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Electronic Volume Estimate:

335'

1st Open Minutes: 30 Current Reading: 16" at 30 min Max Reading: 16"

Minutes: 30 **Current Reading:** 1.2" at 30 min Max Reading: 1.2"

1st Close

2nd Open Minutes: 30 **Current Reading:** 10.6" at 30 min

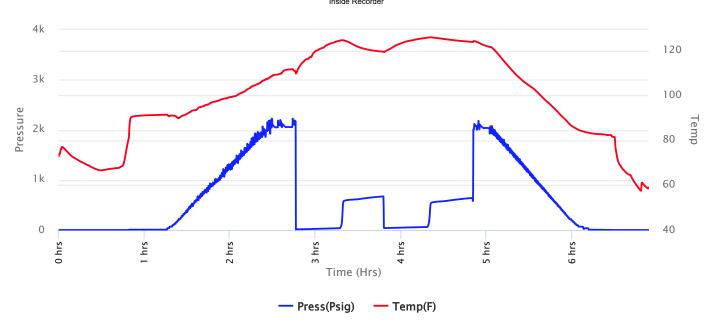
Max Reading: 10.6"

2nd Close Minutes: 30 **Current Reading:**

1.4" at 30 min

Max Reading: 1.4"







Uploading recovery &

pressures

Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE Inc.

Lease: Ehmke Trust #1

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API #: 15-101-22680

DATE October 05 2022

DST #4 Formation: LKC L Test Interval: 4334 -Total Depth: 4361' 4361'

Time On: 20:05 10/05 Time Off: 02:47 10/06

Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Recovered

<u>Foot</u>	<u>BBLS</u>	Description of Fluid
190	1.9494	G
135	1 3851	HGCO

<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
100	0	0	0
30	70	0	0

Recovery at a glance

Total Recovered: 325 ft

Total Barrels Recovered: 3.3345

Reversed Out
NO

Initial Hydrostatic Pressure	2166	PSI
Initial Flow	15 to 37	PSI
Initial Closed in Pressure	672	PSI
Final Flow Pressure	42 to 61	PSI
Final Closed in Pressure	640	PSI
Final Hydrostatic Pressure	2120	PSI
Temperature	126	°F
Pressure Change Initial	4.8	%
Close / Final Close		

	2						
BBL	1						
	0						
	U			Rec	overy		
		Gas 70.92%	• (s	Oil 29.08%	Water 0%	Mud 0%	

GIP cubic foot volume: 13.2779



Company: Palomino Petroleum, SEC: 23 TWN: 19S RNG: 29W County: LANE Inc.

State: KS

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API#: 15-101-22680

Operation: Uploading recovery & pressures

Lease: Ehmke Trust #1

DATE October

05

2022

DST #4 Formation: LKC L Test Interval: 4334 -Total Depth: 4361' 4361'

Time On: 20:05 10/05 Time Off: 02:47 10/06

Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

BUCKET MEASUREMENT:

1st Open: Surface blow built to BoB at 23 mins 1st Close: Surface blow started @ 7 mins built to .75

2nd Open: Surface blow built to 10

2nd Close: Surface blow started at 3 mins built to 1

REMARKS:

Gravity: 34.7 @ 60 °F



Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

Drilling Contractor: L. D. Drilling &

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

Job Number: 607 API #: 15-101-22680

DATE

October 05

2022

DST #4 Formation: LKC L Test Interval: 4334 -Total Depth: 4361'

4361'

Bottom Choke:

5/8"

Time On: 20:05 10/05 Time Off: 02:47 10/06

Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Down Hole Makeup

Heads Up: 6.509999999996 FT Packer 1: 4329 FT

Drill Pipe: 4307.94 FT Packer 2: 4334 FT

ID-3 1/4 Top Recorder: 4318.42 FT

Weight Pipe: FT **Bottom Recorder:** 4362 FT

ID-2 7/8 Well Bore Size: 7 7/8

Surface Choke: ID-2 1/4

Test Tool: 33.57 FT

0 FT

ID-3 1/2-FH

Collars:

Jars

Safety Joint

Total Anchor: 27

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 26 FT

4 1/2-FH

Change Over: FT

Drill Pipe: (in anchor): FT

ID-3 1/4

Change Over: FT

Perforations: (below): FT

4 1/2-FH



Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

State: KS
Drilling Contractor: L. D. Drilling &

Lease: Ehmke Trust #1

Exploration, LLC - Rig 1 Elevation: 2837 GL Field Name: Paris Pool: WILDCAT

SEC: 23 TWN: 19S RNG: 29W

Job Number: 607 API #: 15-101-22680

DATE October

05

2022

DST #4 Formation: LKC L Test Interval: 4334 - Total Depth: 4361'

Time On: 20:05 10/05 Time Off: 02:47 10/06

Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Mud Properties

Mud Type: Chem Weight: 9.2 Viscosity: 54 Filtrate: 9.6 Chlorides: 4000 ppm



Company: Palomino Petroleum, SEC: 23 TWN: County: LANE

Inc.

Lease: Ehmke Trust #1

SEC: 23 TWN: 19S RNG: 29W

State: KS

Drilling Contractor: L. D. Drilling &

MCF/D

Exploration, LLC - Rig 1

Elevation: 2837 GL Field Name: Paris Pool: WILDCAT Job Number: 607 API#: 15-101-22680

DATE October

05

2022

DST #4 Formation: LKC L Test Interval: 4334 -Total Depth: 4361'

4361'

Time On: 20:05 10/05 Time Off: 02:47 10/06

Time On Bottom: 22:46 10/05 Time Off Bottom: 00:46 10/06

Gas Volume Report

1st Open					2nd Open			
Time	Orifice	PSI	MCF/D		Time	Orifice	PSI	