KOLAR Document ID: 1425285

Confiden	tiality Re	quested:
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	& I FASE
	III JIONI	- DESCRIF HOR		a LLASL

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD □ Gas □ DH □ EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
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 EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #: GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. R East West
Recompletion Date Reached TD Completion Date of Recompletion Date	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 Drill Stem Tests Received					
Geologist Report / Mud Logs Received					
UIC Distribution					
ALT I II III Approved by: Date:					

KOLAR Document ID: 1425285

Operator Nam	ne:			Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken Yes No (Attach Additional Sheets)				og Formatio	n (Top), Depth a	op), Depth and Datum			
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose: Depth Perforate		Туре	e of Cement	# Sacks Use	ks Used Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Used on Lease Open Hole (If vented, Submit ACO-18.)		Open Hole		-	·	nit ACO-4)	юр	Bollom	
Shots Per Perforation Perforation Bridge Plug Bridge Plug Foot Top Bottom Type		Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)			
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	HILTON TOKOI 2
Doc ID	1425285

All Electric Logs Run

Dual Induction	
Compensated Density Neutron	
Dual Receiver Cement Bond	
Micro	

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	HILTON TOKOI 2
Doc ID	1425285

Tops

Name	Тор	Datum
Anhy.	1762	(+673)
Base Anhy.	1792	(+643)
Heebner	3721	(-1286)
Lansing	3763	(-1328)
Stark Shale	4006	(-1571)
ВКС	4074	(-1639)
Marmaton	4119	(-1684)
Pawnee	4203	(-1768)
Ft. Scott	4270	(-1835)
Cherokee Sh.	4294	(-1839)
Miss.	4364	(-1929)
LTD	4518	(-2083)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	HILTON TOKOI 2
Doc ID	1425285

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	U U U	Type Of Cement	Type and Percent Additives
Surface	12.250	8.625	23	218	Common	2% gel, 3% c.c.
Production	7.875	5.500	14	4517	SMD/EA-2	2% gel, 3% c.c.



BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	lo.	Lease	County	Contractor	We	ll Type	We	ell Category	Job Purpos	e	Operator
Net 30	#2		Hilton Tokoi	Ness	Express Well		Oil	D	evelopment	Cement Port Co	ollar	Blaine
PRICE I	REF.			DESCRIPT	ION		QTY	/	UM	UNIT PRICE		AMOUNT
575D 576D-D 330 276 290 104 581D 583D		Pun Swi Floc D-A Port Serv Dray	ft Multi-Density cele .ir t Collar Tool Ren vice Charge Ceme yage	Standard (MID tal ent) Ft.) & Port Collars CON II)			1 140 50 1 1 200	Miles Job Sacks Lb(s) Gallon(s) Each Sacks Ton Miles	5.00 1,300.00 16.25 2.50 42.00 200.00 1.75 0.85 6.50%		150.00 1,300.00 2,275.00T 125.00T 42.00T 200.00T 350.00 253.75 4,695.75 171.73
We Ap	preo	cia	te Your E	Business	; !				Tota			\$4,867.48

SWI	FT		/	CHARGE	Palani	10 Petroleum						TICKET () 3	0F	4
Service												1	1	
SERVICE LOCATION	i why KS	WELL/PROJE			E Hillon Tokou	COUNTY/PARISH	STA SHIP			R		2 AV6 18	WNER	
2.	<u> </u>		CONTINUT	011	EXPROND	RIG NAME/NO.	VIA			ation		ÖRDER NO.		
<u>3.</u> 4.		WELL TYPE	nī l		L CATEGORY	IOB PURPOSE COnverts 70t 10	. 1	WELL PE				WELL LOCATION		
REFERRAL LOCAT	ION	INVOICE INS	TRUCTIONS		ac of macon	<u> </u>								
PRICE	SECONDARY F PART NU		ACCOU	INTING	DESC	CRIPTION		QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOU	NT
675			ť		MILEAGE	TRIC 114		30	nù			50	157	nlao
576D			1				COLAR		ea			1300 100		9100
330			1		SIND ceme	- CS		5 F	sk	.,		16 25		
276			1		flocele	······¥ ·······						2 50		50
290			1		D-AIR			1	enal		F	42 00		200
104			1		1 1	pening tool pe	whol	1	CA DA	Sł	in	200 00	200	
581			1		1 Kino X	harge		1 1	sk			1 75	351	
583			1		Drayage	0			B	298.53	ITA	0 85		3 75
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LEGAL TERMS:	Customer hereb	ov acknowledg	es and acre	es to			SU	IRVEY	AGREE	UNDECIDED	DISAGRE		2-1-1-5	25
the terms and con	ditions on the rev	verse side here	eof which inc	lude,	REMIT PA	YMENT TO:	OUR EQUIPMENT F WITHOUT BREAKD					PAGE TOTAL	4693	5.75
but are not limite			NDEMNITY,	, and			WE UNDERSTOOD MET YOUR NEEDS					44 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	,	1.9
	•				SWIFT SEF	VICES, INC.	OUR SERVICE WAS PERFORMED WITH							
MUST BE SIGNED BY C START OF WORK OR D	USTOMER OR CUSTO ELIVERY OF GO ØD S.	MER'S AGENT PRI	OR TO		P.O. B	OX 466	WE OPERATED TH AND PERFORMED					MCSS		مما
X MA	when	PC -			NESS CITY	Y, KS 67560	CALCULATIONS SATISFACTORILY?	2				6-510	<u> </u>	173
DATE SIGNED		ME SIGNED		M.		98-2300	ARE YOU SATISFIE	D WITH OUR SERVICE		00		TOTAL		
· · · · · · · · · · · · · · · · · · ·				2 <u>M.</u>				CUSTOMER DIE					<u> 481</u> 1	48
	CUSTOME		NCE OR MA	TERIALS		e customer hereby ackn	owledges rece	ipt of the mat	erials	and servic	ces liste	ed on this ticket.		
SW!"T OPERATOR		RG1	7	APPRO								7	hank Yo	ou!
		V	-											

DATE PAGE NO. ZANE 18 | TICKET NO. 31574 SWIFT Services. Inc. JOB LOG CUSTOMER Palanino Etrobos LEASE Hilton Tokoi JOB TYPE Cement port collar WELL NO. #2 PRESSURE (PSI) TUBING CASING RATE (BPM) VOLUME (BBL) (GAL) PUMPS DESCRIPTION OF OPERATION AND MATERIALS CHART TIME NO. TC 2005k SmD comment on 1 4 + flocele 23152 port collar- 1731 1050 onloc TRK114 test to 1000 ps; - fold open post collar inj pate '3 2 lopa @ 60 ps; mix SMD comment @ 11.2 ppg Circ flevid to surface Cernent to Singlace 1110 1000 1000 Hier 35 118 2 100 1/21 3 100 3 ଟ 10D 405 mixed 71 1144 15-bpit Displace of 9 661 H20 9 Close part Collar - to 1000 psi - held 1200 1000 1000 Run 4 joints 205 Coment A 12-15 feuck 11 tool 420ch job conpete tay5 DENC, PATULT, & soundch



BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	o. Lease	County	Contractor	We	ll Type	W	ell Category	Job Purpos	e Operator
Net 30	#2	Hilton Tokoi	Ness	WW Drilling		Oil	D	evelopment	Long String	David E
PRICE I	REF.		DESCRIPT	ION		QT	(UM	UNIT PRICE	AMOUNT
575D 578D-L 290 281 221 403-5 404-5 406-5 407-5 409-5 419-5 330 325 284 283 285 276 581D 583D		Mileage - 1 Way Pump Charge - Lon D-Air Mud Flush Liquid KCL (Clayfi 5 1/2" Cement Bask 5 1/2" Port Collar 5 1/2" Latch Down 5 1/2" Turbolizer 5 1/2" Turbolizer 5 1/2" Turbolizer 5 1/2" Rotating Hea Swift Multi-Density Standard Cement Calseal Salt CFR-1 Flocele Service Charge Cen Drayage Subtotal Sales Tax Ness Cou	x) et Plug & Baffle hoe With Auto d Rental Standard (MID				40 1 3 500 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Job Gallon(s) Gallon(s) Each Each Each Each Each Sacks Sacks Sacks Sack(s) Lb(s) Lb(s) Lb(s)	5.00 1,300.00 42.00 1.50 25.00 2,500.00 250.00 325.00 85.00 200.00 16.25 13.00 35.00 0.20 4.50 2.50 1.75 0.85 6.50%	200.00 1,300.00 126.00T 750.00T 275.00T 2,500.00T 250.00T 325.00T 2,031.25T 1,300.00T 175.00T 110.00T 225.00T 140.00T 393.75 379.10 11,630.10 608.22
We Aj	ppre	ciate Your	Busines	5!				Total		\$12,238.32

SWIFT CH	ARGE TO: PALOMINO	Petroleum						TICKET	273	45
	Y, STATE, ZIP CODE							PAGE 1	OF	
SERVICE: LOCATIONS / WELL/PROJECT NO. 1. Hays/s #2 2. Ness City Ks TICKET TYPE CONTRACTO 3. WELL TYPE CONTRACTO G SALES WWWELL TYPE 4. Dil	Hilton R Drilling Well category develop	RIG NAME/NO. Y JOB PURPOSE	Ks	CITY DELIVERED TO DELIVERED TO WELL PERMIT	HOM	ę	OR	TE OW C-25-/8 OW DER NO.	VER	
PRICE SECONDARY REFERENCE/ AC REFERENCE PART NUMBER LOC	ACCT DF	DESCRIPTION		QTY.	U/M	ΩΤΥ.	U/M		AMOUN'	IT
575 / 578 / 290 /		AGE Trk # 111 Ump Charge - 1000 St	rìng	1	MI EA GAL			<u>1300</u> 42 m	200 1300 126	
<u>281</u> 221 1		outs Kel		500	GAC			150	- 750 100	100
<u>403</u> 1 <u>404</u> 1		ement Basket		1	EA	5 /2		275 0	275	>
406 / 407 / 409 /		tch Down Plug & BAFFle usert Flagt Shoe wf Auto , wbolizer .	fill	1	LA LA LA	[250 00 325 00 85 00	250 325 850	
<u>e'9</u>		studing Head Rental		1	<i>Rig</i>			200	200	00
LEGAL TERMS: Customer hereby acknowledges and a the terms and conditions on the reverse side hereof which but are not limited to, PAYMENT, RELEASE, INDEMN	ninclude,	WI	SUR IR EQUIPMENT THOUT BREAK UNDERSTOO	PERFORMED Down? D and	AGRE		AGREE	PAGE IDIAL	6876 4754 11630	K
LIMITED WARRANTY provisions. MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS		WIFT SERVICES, INC.		AS 'HOUT DELAY? HE EQUIPMENT D JOB				tless 65%	 UUX	bi
X DATE SIGNED TIME SIGNED	□ A.M. □ P.M.	NESS CITY, KS 67560	CUS	ED WITH OUR : YES TOMER DID NO	t T WISH TO		is licket	TOTAL	12,238	1 30
SWIFT OPERATOR DAVID ENGLERION	APPROVAL								Thank '	You

SM		POB	iox 466		IICKET CONTINUATION				No. 2	73	45	
Securica	Nes	s Cihy	/, KS 6750 5-798-230		PALOMINO Petroloum	H. Iton	Toko	; #2	*****		PAGE OF	
PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	1.00		DF TIM	DESCRIPTION	QTY	U/M	QTY U/M	UNIT PRICE		AMOUNT	
330					Swift Multi Density Stundard Cement Calscal 9	/25	ski		16	25	$\Delta \mathcal{O} \mathcal{I}$	25
325 284 283 285 276					Stundard Cement	100	SES		13	00	1300	00
284					Calsial 9	5	ska	<u> </u>	35	00	175	00
283					Salt	550	163		Ļ,	20	100	00
285					CFR-1 Flocele	50	165		<u> </u>	50	Ldp	00
276		ļ			Flocele	56	1/65	<u> </u>	2	OU	140	00
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<u>*</u>			ļ				Ĺ		<u> </u>			<u> </u>
		ļ	ļ		SERVICE CHAPGE Cement	GUBIC FEET	225	ska	<u> </u>	175	393	75
•		*****			MILEAGE TOTAL WEIGHT LOADED/ILLES	TON MILES	446	T	<u> </u>	85	379	10
·····								CONTI	NUATION TOTAL		4754	10

DATE BAGE NO. 7-25-18 TICKET NO. 27345 SWIFT Services. Inc. JOB LOG WELL NO. #2 JOB TYPE TICKET NO. 27345 DESCRIPTION OF OPERATION AND MATERIALS LEASE Hilton tokoi CUSTOMER letroleum Valomino CHART NO. RATE (BPM) VOLUME (BBL) (GAL) PUMPS PRESSURE (PSI) TIME TC TUBING CASING 600 On location 5/2 × 14 # 670 - 4518 RTA - 4520 Total Pipe - 4519.36 Shoe - 43.36 Buffle e 4476 Centralizers- 1.3. 46,8.10.12.14.16. + 65 Basket - 16 Port Collar - 66 Stort running Csg Break Circ on Bottom 800 1000 Plug rat hole 30 sks pump Mudflush - 500 Gre pump her spacer Start CMT 95 sks SMD e 12.5 pp Switch to EA-2 100 sks c 15.5 pp 1100 2 7 \mathcal{D} 1105 200 ALCO 6. 20 207) 1110 6.5 Ô えじつ 6.5 36 200 60 50 LAN COND 1125 Drop plug - Wash PAL 11.30 6.5 Start Disp D 150 75 land plug - lift psi - 800 # land plug - lift psi - 1500# 1150 *SD*0 1. 1D9 Release Psi- Dry 1155



BY: QUALITY OILWELL CEMENTING, INC. PO BOX 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665 PHONE:785-324-1041 FAX:785-483-1087 EMAIL: cementing@ruraltel.net

Invoice

Contact: Palomino Petroleum Inc Address/Job Location:

4924 SE 84th Newton Ks 67114

Reference: HILTON TOKOI 2 SEC 26-17-26

Description of Work: SURFACE JOB

Invoice Terms:

Net 30

Services / Items Included:	Quantity	Price	Taxable
Labor		\$ 641.27	No
Common-Class A	120	\$ 1,776.75	Yes
Calcium Chloride	6	\$ 241.50	Yes
POZ Mix-Standard	30	\$ 150.94	Yes
Bulk Truck Matl-Material Service Charge	159	\$ 114.28	No
Pump Truck Mileage-Job to Nearest Camp	34	\$ 109.97	No
Bulk Truck Mileage-Job to Nearest Bulk Plant	34	\$ 85.53	No
Premium Gel (Bentonite)	3	\$ 62.53	Yes

SubTotal: \$ 3,182.77 Discount Available ONLY if Invoice is Paid & Received \$ (79.57)within listed terms of invoice: SubTotal for Taxable Items: \$ 2,175.93 SubTotal for Non-Taxable Items: \$ 927.27 Total: \$ 3,103.20 Tax: \$ 141.44 6.50% Ness County Sales Tax Thank You For Your Business! Amount Due: \$ 3,244.64 **Applied Payments:** Balance Due: \$ 3,244.64

ltem

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

Date: 7/16/2018 Invoice # 904

P.O.#:

Quantity

Price

Taxable

Due Date: 8/15/2018 Division: Russell

QUALITY GILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

No. 904 Phone 785-483-2025 Home Office P.O. Box 32 Russell, KS 67665 Cell 785-324-1041 Twp. Sec. Range County State On Location Finish 7-16-18 1004 Ά 26 ID Ness S 6 Date 16 Tokoi £ 11.9-for Location Utika 75 \$2 Lease Well No. Owner Il. 42 To Quality Oilwell Cementing, Inc. Contractor You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed. Type Job ういら al O Charge To るるい 8 T.D. Hole Size leum 00 ð 2181 Depth Csq. Street Depth Tbg. Size City State The above was done to satisfaction and supervision of owner agent or contractor. Tool Depth 8%20 3% (c 2% bel 5 Cement Amount Ordered Cement Left in Csg Shoe Joint 3/4 BLS Meas Line Displace EQUIPMENT 20 Common Cementer No. 20 Q Pumptrk r 1117 Poz. Mix Helper Driver 4 No. 3 Bulktrk Gel. Driver No. Bulktrk Calcium Driver **JOB SERVICES & REMARKS** Hulls Torcinate Ď Salt Remarks: men Rat Hole Flowseal Mouse Hole Kol-Seal Centralizers Mud CLR 48 Baskets CFL-117 or CD110 CAF 38 D/V or Port Collar Sand a genne Handling Mileage Alla and an FLOAT EQUIPMENT jan kangang di Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Her Ma Sur face Pumptrk Charge Mileage 24 Tax Discount **Total Charge**

Signature



DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc.

4924 SE 84th St. Newton Kansas 67114+8827

ATTN: Andrew Stenzel

Hilton Tokoi #2

26-17S-26W Ness,KS

 Start Date:
 2018.07.22 @ 07:10:00

 End Date:
 2018.07.22 @ 13:00:02

 Job Ticket #:
 63887
 DST #: 1

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

RILOBITE	DRILL STEM TES	ST REP	ORT		······
	Palomino Petroleum Inc.		26-178-2	26W Ness,K	S
ESTING	INC. 4924 SE 84th St. New ton Kansas 67114+8827		Hilton T		
	ATTN: Andrew Stenzel		Job Ticket		DST#:1
·m/•4][·	ATTN. Andrew Stenzer		Test Start	: 2018.07.22 @	<u>y</u> 07:10:00
GENERAL INFORMATION:	0				
Formation:Marmaton - FDeviated:NoWhipstTime Tool Opened:09:15:02Time Test Ended:13:00:02			Test Type Tester: Unit No:	: Convention Ken Swinne 72	al Bottom Hole (Initial) ey
Total Depth: 4300.00 ft (K	4300.00 ft (KB) (TVD) 3) (TVD) sHole Condition: Fair			e Elevations: <b cf:<="" gr="" td="" to=""><td>2435.00 ft (KB) 2430.00 ft (CF) 5.00 ft</td>	2435.00 ft (KB) 2430.00 ft (CF) 5.00 ft
Serial #:8322InsidePress@RunDepth:58.10Start Date:2018.0Start Time:07:1		2018.07.22 13:00:02	Capacity: Last Calib.: Time On Btm: Time Off Btm:		psig 2018.07.22 @ 09:14:02 @ 11:18:17
FSI 30 Min	utes Surface blow for 3 minutes then c utes No blow back	ead	PRESS	URE SUMM	IARY
532/heare		Time (Min.) 0	Pressure Tem (psig) (deg 2026.93 113	p Annotati F)	on
		1	22.98 113 40.77 114	24 Open To F	flow (1)
		61 61		45 End Shut- 30 Open To F	
		91	58.10 116.	75 Shut-In(2)	
		123 125	802.58 116. 1972.39 117.		• •
Reco			ļ	Gas Rates	
Length (ft) Descripti	n Volume (bbl)				ure (psig) Gas Rate (Mcf/d)
75.00 Mud w /show oil in	ool/ Mud 100% 0.37				
Trilobite Testing. Inc	Ref. No: 63887			ed: 2018.07.25	<u> </u>

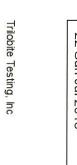
	DRILL STEM TES	ST REP	ORT	<u></u>			
RILOBITE	Palomino Petroleum Inc.		26	-17S-26V	Ness,ł	<s< td=""><td></td></s<>	
ESTING , INC	4924 SE 84th St. New ton Kansas 67114+8827			ton Tok		DST	4. 4
	ATTN: Andrew Stenzel					@ 07:10:00	
GENERAL INFORMATION:							
Formation:Marmaton - Ft. ScoDeviated:NoWhipstock:Time Tool Opened:09:15:02Time Test Ended:13:00:02	ft (KB)		Tes	ster:	Convention Ken Swinr 72	nal Bottom I ney	Hole (Initial)
Interval:4112.00 ft (KB) To4Total Depth:4300.00 ft (KB) (THole Diameter:7.88 inches Hole			Ref	erence Ele KB t	evations: to GR/CF:	2430.0	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 6752 Outside Press@RunDepth: 806.40 psig Start Date: 2018.07.22 Start Time: 07:10:01	 4114.00 ft (KB) End Date: End Time: 	2018.07.22 13:00:02	Capacity Last Cali Time On Time Off	b.: Btm: :		2018.07.2 2 @ 09:14:3 2 @ 11:18:1	32
ISI 30 Minutes FFP 30 Minutes FSI 30 Minutes	Surface blow for 3 minutes then d No blow back	ead	D				
	Torprise Tor	Time (Min.) 0 1 31 60 61 90 122 124	Pressure (psig) 2028.10 22.32 43.33 930.04 48.12 58.96 806.40 1971.27	Temp (deg F) 113.88 113.43 114.70 115.70	Annota Initial Hyd Open To Shut-In(1 End Shut Open To Shut-In(2 End Shut	tion Flow (1)) -ln(1) Flow (2)) -ln(2)	
Recovery					s Rates		1
Length (ft) Description 75.00 Mud w /show oil in tool/ I	Volume (bbl) Aud 100% 0.37			Choke (ir	nches) Press	sure (psig)	Gas Rate (Mcf/d)
Trilobite Testing, Inc	Ref. No: 63887					5@16.12.4	

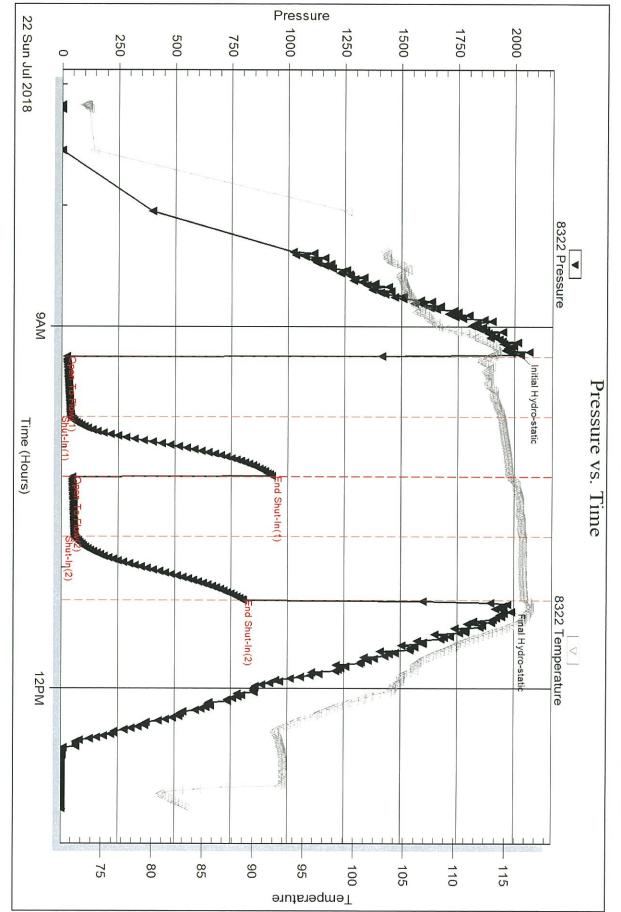
	RILOE			o Petroleum	Inc.		26-17S-26W Ness,K	S
	 ES1	T ING , INC	New tor	E 84th St. h Kansas 67 ⁻ Andrew Ste			Hilton Tokoi #2 Job Ticket: 63887 Test Start: 2018.07.22 @	DST#:1
- m-dly							1851 Start. 2016.07.22 (c	£ 07.10.00
Tool Informatio	on							
Drill Pipe:	Length:	3973.00 ft	Diameter:	3.80 ir	nches Volume:	55.73 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	-	0.00 ft	Diameter:	0.00 ir	nches Volume:	0.00 bbl	Weight set on Packer:	: 20000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 ir	ches Volume:	0.59 bbl	Weight to Pull Loose:	
Drill Pipe Above k	KB:	9.00 ft			Total Volume:	56.32 bbl	Tool Chased	0.00 ft
Depth to Top Pac		4112.00 ft					String Weight: Initial	64000.00 lb
Depth to Bottom I		ft					Final	64000.00 lb
Interval between	Packers:	187.94 ft						
interval between								
		215.94 ft						
Tool Length: Number of Packe Tool Comments:	rs:	215.94 ft 2	Diameter:	6.75 in	nches			
Tool Length: Number of Packe Tool Comments:		2		6.75 in Serial No.	nches Position	Depth (ft) Ac	cum. Lengths	
Tool Length: Number of Packe Tool Comments: Tool Descriptic		2				Depth (ft) Ac 4089.00	cum. Lengths	
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool		2	ngth (ft)				cum. Lengths	
Tool Length: Number of Packe		2	ngth (ft) 5.00			4089.00	cum. Lengths	
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars		2	ngth (ft) 5.00 5.00			4089.00 4094.00	cum. Lengths	
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars Safety Joint		2	ngth (ft) 5.00 5.00 6.00			4089.00 4094.00 4100.00	cum. Lengths	
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer		2	ngth (ft) 5.00 5.00 6.00 2.00			4089.00 4094.00 4100.00 4102.00	cum. Lengths	Bottom Of Top Packer
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer		2	ngth (ft) 5.00 5.00 6.00 2.00 5.00			4089.00 4094.00 4100.00 4102.00 4107.00		Bottom Of Top Packer
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool		2	ngth (ft) 5.00 5.00 6.00 2.00 5.00 5.00	Serial No.	Position	4089.00 4094.00 4100.00 4102.00 4107.00 4112.00		Bottom Of Top Packer
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder		2	ngth (ft) 5.00 5.00 6.00 2.00 5.00 5.00 1.00	Serial No. 8322	Position	4089.00 4094.00 4100.00 4102.00 4107.00 4112.00 4113.00		Bottom Of Top Packer
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor	on	2	ngth (ft) 5.00 5.00 6.00 2.00 5.00 5.00 1.00	Serial No. 8322	Position	4089.00 4094.00 4100.00 4102.00 4107.00 4112.00 4113.00 4114.00		Bottom Of Top Packer
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Recorder Anchor Change Over Sut	on	2 Lei	ngth (ft) 5.00 5.00 2.00 5.00 5.00 1.00 1.00 22.00	Serial No. 8322	Position	4089.00 4094.00 4100.00 4102.00 4107.00 4112.00 4113.00 4114.00 4136.00		Bottom Of Top Packer
Tool Length: Number of Packe Tool Comments: Tool Descriptic Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder	on	2 Lei	ngth (ft) 5.00 5.00 2.00 5.00 5.00 1.00 1.00 22.00 1.00	Serial No. 8322	Position	4089.00 4094.00 4100.00 4102.00 4107.00 4112.00 4113.00 4114.00 4136.00 4137.00		Bottom Of Top Packer

		DRILLS	STEM TEST R	EPORT	-		FLUID S	UMMAR
RILO		Palomino Petro	bleum Inc.		26-175-26	W Ness,KS		
	TING , INC	4924 SE 84th	St.		Hilton Tol	koi #2		
		New ton Kans	as 67114+8827		Job Ticket: 6	3887	DST#: 1	
		ATTN: Andre	ew Stenzel		Test Start: 2	2018.07.22 @ (07:10:00	
Aud and Cushion In	formation							
/ud Type: Gel Chem			Cushion Type:			Oil A PI:		deg API
Nud Weight: 9.00	lb/gal		Cushion Length:		ft	Water Salinity	:	ppm
iscosity: 69.00	sec/qt		Cushion Volume:		bbl	-		
Vater Loss: 7.98	in³		Gas Cushion Type:					
lesistivity:	ohm.m		Gas Cushion Pressure:		psig			
alinity: 5100.00 ilter Cake: 1.00	ppm inches							
Recovery Informatio	n							
	ſ <u>`</u>		Recovery Table			"		
	Length ft	1	Description		Volume bbl			
		75.00 Mud w	v/show oil in tool/ Mud 100	0%	0.369	Ī		
Т	otal Length:	75.00 ft	Total Volume:	0.369 bbl				
	um Fluid Sample		Num Gas Bombs:	0	Serial #			
	aboratory Name ecovery Comme		Laboratory Location:					
			Laboratory Location:					
			Laboratory Location:					
			Laboratory Location:					
			Laboratory Location:					
			Laboratory Location:					
			Laboratory Location:					
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			Laboratory Location:					
			Laboratory Location:					
			Laboratory Location:					

Printed: 2018.07.25 @ 16:12:43

Ref. No: 63887





Serial #: 8322

Inside Palomino Petroleum Inc.

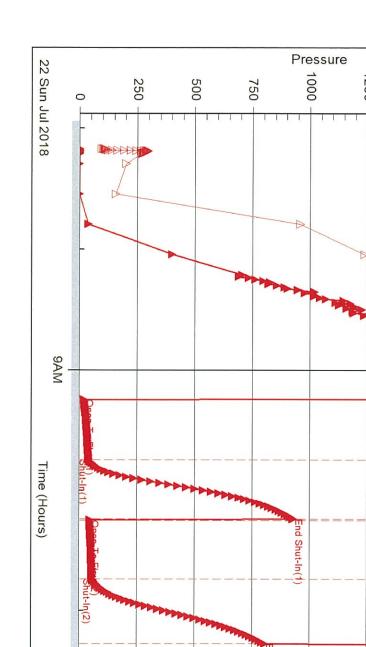
Hilton Tokoi #2

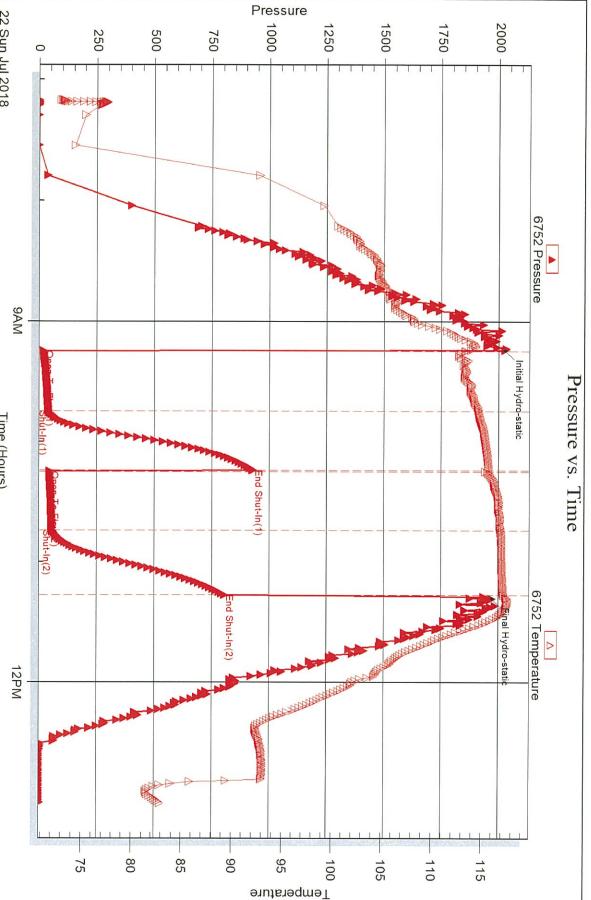
DST Test Number: 1

Printed: 2018.07.25 @ 16:12:43

Ref. No: 63887

Trilobite Testing, Inc





DST Test Number: 1

Hilton Tokoi #2

Outside Palomino Petroleum Inc.

Serial #: 6752



DRILL STEM TEST REPORT

Prepared For:

r: Palomino Petroleum Inc.

4924 SE 84th St. Newton Kansas 67114+8827

ATTN: Andrew Stenzel

Hilton Tokoi #2

26-17S-26W Ness,KS

 Start Date:
 2018.07.23 @ 01:41:00

 End Date:
 2018.07.23 @ 08:35:02

 Job Ticket #:
 63888
 DST #:
 2

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

RILOBITE	DRILL STEM TE	ST REP	ORT			
	Palomino Petroleum Inc.		26-175	6-26W N	ess,KS	
ESTING, IN	4324 OL 0411 OL		Hilton	Tokoi #	2	
	New ton Kansas 67114+8827		Job Tick	et: 63888	DS	T#: 2
	ATTN: Andrew Stenzel		Test Sta	art: 2018.0	7.23 @ 01:41:0	00
GENERAL INFORMATION:						
Formation:MississippiDeviated:NoWhipstockTime Tool Opened:04:06:17Time Test Ended:08:35:02	ft (KB)		Test Ty Tester: Unit No:	Ken	entional Botto n Sw inney	n Hole (Initial)
Total Depth: 4392.00 ft (KB)	4392.00 ft (KB) (TVD) (TVD) ole Condition: Fair		Referen	ce Elevatio KB to GF	2430	6.00 ft (KB) 9.00 ft (CF) 9.00 ft
Serial #: 8322 Inside Press@RunDepth: 596.26 psi Start Date: 2018.07.2 Start Time: 01:41:0	B End Date:	2018.07.23 08:35:02	Capacity: Last Calib.: Time On Btm: Time Off Btm		2018.07 .07.23 @ 04:05 .07.23 @ 05:47	:47
FFP 20 Mintu	Blow built to BOB in 2 minutes 3" blow back es Blow built to BOB in 2 1/2 minute s 1" blow back	S				
Pressure v	s. Tinue				UMMARY	
	The later water and the later water and the later and the	Time (Min.)		emp An ∋gF)	notation	
		0	2150.36 11		al Hydro-static	
770	115	21			en To Flow (1) it-ln(1)	
*500		50	973.19 12	27.00 End	Shut-In(1)	
		51			en To Flow (2)	
		71 101			t-ln(2) Shut-ln(2)	
23 Man Ad 2015	мар о о о о о о о о о о о о о	102	2077.70 12	28.33 Fina	Il Hydro-static	
Recover	/		Į	Gas Ra	ites	
Length (ft) Description	Volume (bbl)			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
248.00 GSOCM Oil 5% Gas 10	% Mud 85% 2.39					· · · · · · · · · · · · · · · · · · ·
62.00 GMCO Mud 10% Gas						
1255.00 GO Gas 30% Oil 70%	17.60					
0.00 295' GIP	0.00					
Trilobite Testing, Inc	Ref. No: 63888		n.:		.07.25 @ 16:12	

	DRILL	STEM TES	ST REP	ORT				
	Palomino Peti	roleum Inc.		26	-17S-26V	N Nes	s,KS	
ESTING , IN	4924 31 040	n St. sas 67114+8827			Iton Tok			F# 0
	ATTN: And	rew Stenzel			b Ticket: 63 st Start: 20		DS 23 @ 01:41:0	F#:2)0
GENERAL INFORMATION:								
Formation: Mississippi Deviated: No Whipstock Time Tool Opened: 04:06:17 Time Test Ended: 08:35:02	ft ((KB)		Te	ster:	Conven Ken Sw 72	tional Bottom inney	ı Hole (Initial)
Interval:4308.00 ft (KB) ToTotal Depth:4392.00 ft (KB) ftHole Diameter:7.88 inches Ht				Re	ference ⊟e KB t	evations to GR/CI	2430	.00 ft (KB) .00 ft (CF) .00 ft
Serial #: 6752 Outside Press@RunDepth: 905.85 psig Start Date: 2018.07.23 Start Time: 01:41:01 TEST COMMENT: IFP 20 Minutes ISI 30 Minutes FFP 20 Minutes FSI 30 Minutes FSI 30 Minutes	End Dat End Tim Blow built to BOE 3" blow back s Blow built to BO	ie: ie:	2018.07.23 08:35:02	Capacit Last Ca Time Or Time Of	lib.: i Btm: : :		2018.07 7.23 @ 04:05 7.23 @ 05:47	:32
Pressure v				P	RESSUF		MMARY	**********************
ZENTREMON			Time (Min.) 0 1 21 50 51 71 101 102	Pressure (psig) 2149.83 167.48 416.72 975.57 446.74 596.50 905.85 2072.14	(deg F) 114.57 114.22 128.49 127.83	Initial F Open ⁻ Shut-Ir End Sh Open ⁻ Shut-Ir End Sh	nut-In(1) To Flow (2)	
Recover	,				Ga	s Rate	s	
Length (ft) Description		Volume (bbi)			Choke (ii	nches) P	ressure (psig)	Gas Rate (Mcf/d)
248.00 GSOCM Oil 5% Gas 10		2.39						
62.00 GMCO Mud 10% Gas 2 1255.00 GO Gas 30% Oil 70%	u% OII /0%	0.87						
1255.00 GO Gas 30% Oil 70% 0.00 295' GIP		17.60 0.00						
Trilobite Testing, Inc	Pof No:	63888	<u> </u>		Deinte de	2049.07	7.25 @ 16:12	

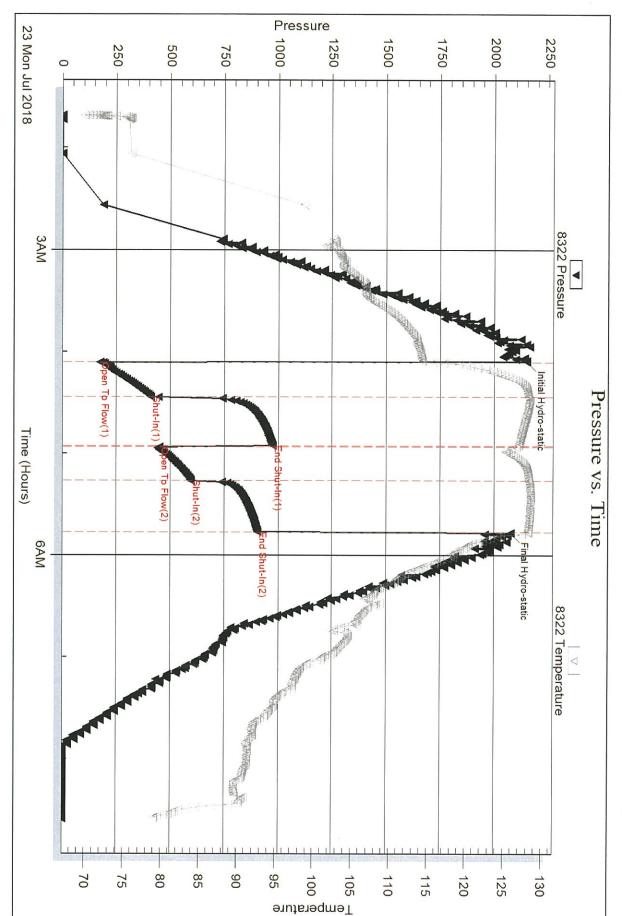
(CINT	RILOE			DRILL STEM TEST REPORT				
				Petroleum	nc.		26-17S-26W Ness,K	S
	 ES1	FING , INC	4324 01	4924 SE 84th St. New ton Kansas 67114+8827			Hilton Tokoi #2	DST#:2
			A 777.1					
			ATIN	Andrew Ste	enzel		Test Start: 2018.07.23 @	ງ 01:41:00
Tool Informatio	on							
Drill Pipe:	Length:	4164.00 ft	Diameter:	3.80 in	ches Volume:	58.41 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	-		Diameter:	0.00 in	ches Volume:	0.00 bbl	Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter	2.25 in	ches Volume:	0.59 bbl	•	
Drill Pipe Above I	KB:	4.00 ft			Total Volume:	59.00 bbl		0.00 ft
Depth to Top Pac		4308.00 ft					String Weight: Initial	63000.00 lb
Depth to Bottom		ft					Final	66000.00 lb
Interval between	Packers:	83.73 ft						
Tool Length:		111.73 ft						
		^	Distance America	0.75				
Number of Packe Tool Comments:	ers:	2	Diameter:	6.75 in	cnes			
Tool Comments:		_	ngth (ft)		Position	Depth (ft)	Accum. Lengths	
Tool Comments: Tool Descriptio		_				Depth (ft) 4285.00	Accum. Lengths	
Tool Comments: Tool Descriptic Shut- In Tool		_	ngth (ft)				Accum. Lengths	
		_	ngth (ft) 5.00			4285.00	Accum. Lengths	
Tool Comments: Tool Descriptio Shut-In Tool Hydraulic tool Jars		_	ngth (ft) 5.00 5.00			4285.00 4290.00	Accum. Lengths	
Tool Comments: Tool Descriptio Shut-In Tool Hydraulic tool		_	ngth (ft) 5.00 5.00 6.00			4285.00 4290.00 4296.00	Accum. Lengths	
Tool Comments: Tool Descriptions Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer		_	ngth (ft) 5.00 5.00 6.00 2.00			4285.00 4290.00 4296.00 4298.00	Accum. Lengths 28.00	Bottom Of Top Packe
Tool Comments: Tool Descriptions Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer		_	ngth (ft) 5.00 5.00 6.00 2.00 5.00			4285.00 4290.00 4296.00 4298.00 4303.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder		_	ngth (ft) 5.00 5.00 6.00 2.00 5.00 5.00	Serial No.	Position	4285.00 4290.00 4296.00 4298.00 4303.00 4308.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder		_	ngth (ft) 5.00 5.00 6.00 2.00 5.00 5.00 1.00	Serial No. 8322	Position	4285.00 4290.00 4296.00 4298.00 4303.00 4308.00 4309.00		Bottom Of Top Packe
Tool Comments: Tool Descriptions Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor	on	_	ngth (ft) 5.00 5.00 6.00 2.00 5.00 5.00 1.00 1.00	Serial No. 8322	Position	4285.00 4290.00 4296.00 4298.00 4303.00 4308.00 4309.00 4310.00		Bottom Of Top Packe
Tool Comments: Tool Descriptions Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Packer Recorder Recorder Recorder Anchor Change Over Sul	on	_	ngth (ft) 5.00 5.00 2.00 5.00 5.00 1.00 1.00 13.00	Serial No. 8322	Position	4285.00 4290.00 4296.00 4298.00 4303.00 4308.00 4309.00 4310.00 4323.00		Bottom Of Top Packe
Tool Comments: Tool Descriptio Shut-In Tool Hydraulic tool Jars Safety Joint	b	_	ngth (ft) 5.00 5.00 6.00 2.00 5.00 5.00 1.00 1.00 13.00 1.00	Serial No. 8322	Position	4285.00 4290.00 4296.00 4308.00 4308.00 4309.00 4310.00 4323.00 4324.00		Bottom Of Top Packe

ATT -		DR	ILL STEM TEST REPOR	Т	F	LUID SUMMAR
	RILOBITE	Palomi	no Petroleum Inc.	26-175-26	W Ness,KS	
	ESTING , INC	4924 \$	SE 84th St.	Hilton To	koi #2	
		New to	n Kansas 67114+8827	Job Ticket:	63888	DST#:2
		ATTN:	Andrew Stenzel	Test Start:	2018.07.23 @ 01	:41:00
Mud and Cu	Ishion Information					
••	el Chem		Cushion Type:		Oil A PI:	36 deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	49.00 sec/qt		Cushion Volume:	bbl		
Water Loss:	9.18 in³		Gas Cushion Type:			
Resistivity:	ohm.m		Gas Cushion Pressure:	psig		
Salinity:	3800.00 ppm					
Filter Cake:	1.00 inches					
Recovery In	formation					
			Recovery Table		_	
	Lengi ft	th	Description	Volume bbl		
		248.00	GSOCM Oil 5% Gas 10% Mud 85%	2.38	6	
		62.00	GMCO Mud 10% Gas 20% Oil 70%	0.87	D	
	1	255.00	GO Gas 30% Oil 70%	17.60	4	
		0.00	295' GIP	0.00	D	
	Total Length:	1565	.00 ft Total Volume: 20.860 bbl			
	Num Fluid Samp	les: 0	Num Gas Bombs: 0	Serial #	L.	
	Laboratory Nam		Laboratory Location:	oonan		
	Recovery Com		-			
	·					

Printed: 2018.07.25 @ 16:12:18

Ref. No: 63888

Trilobite Testing, Inc



Serial #: 8322

Inside Palomino Petroleum Inc.

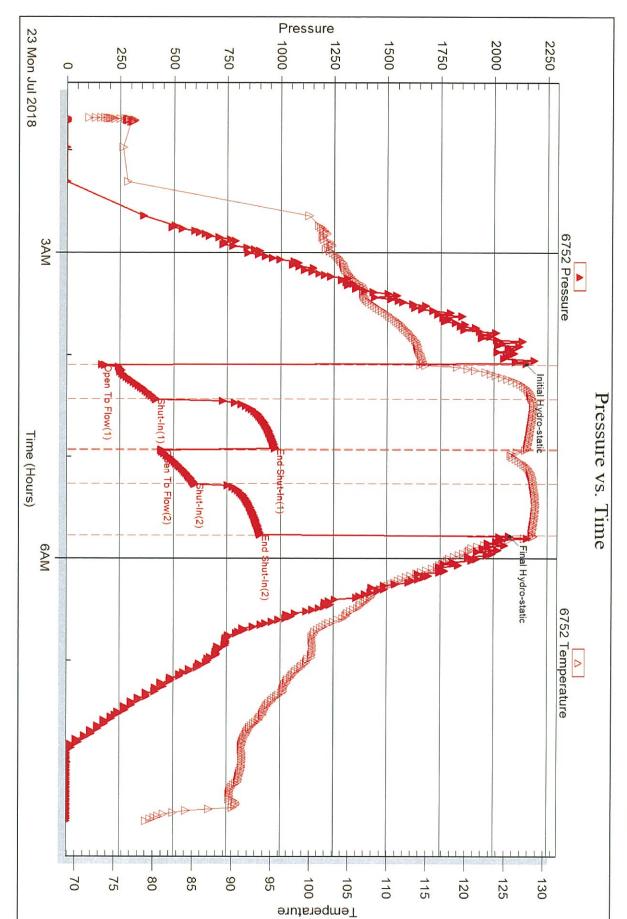
Hilton Tokoi #2

DST Test Number: 2

Printed: 2018.07.25 @ 16:12:18

Ref. No: 63888





Outside Palomino Petroleum Inc.

Hilton Tokoi #2

DST Test Number: 2

Serial #: 6752



DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc.

4924 SE 84th St. Newton Kansas 67114+8827

ATTN: Andrew Stenzel

Hilton Tokoi #2

26-17S-26W Ness,KS

 Start Date:
 2018.07.23 @ 16:01:00

 End Date:
 2018.07.23 @ 22:41:02

 Job Ticket #:
 63889
 DST #: 3

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

TESTING , INC Pathmic Hardback Inc. 26-175-26W Ness, KS 4924 SE 84th St. New ton Kansas 571144827 ATN: Andrew Stenzel Hilton Torkoi #2 Job Ticket: 63869 DST#: 3 GENERAL INFORMATION: Formation: Mississippi Deviated: Formation: Mississippi Deviated: No Deviated: No Whipstock: f1 (KB) Time Tool Opened: 17:53:32 Test Type: Conventional Bottom Hole (Initial Tester:: The traval: 4394.00 ft (KB) To 4406.00 ft (KB) (TVD) Total Depth: 4394.00 ft (KB) To 4406.00 ft (KB) (TVD) Total Depth: 395.85 psig 4396.00 ft (KB) Start Date: 2018.07.23 End Date: 2018.07.23 End Date: 2018.07.23 @ 17:53:02 Time Off Birn: 2018.07.23 @ 19:55:02 Time Off Birn: TEST COMMENT: FP 30 Minutes Bird bow back FP 30 Minutes Bird bow back FF3 30 Minutes Bird bow back Time off Birn: 2018.07.23 @ 19:55:02 TEST COMMENT: FP 30 Minutes Bird bow back Time off Birn: 2018.07.23 @ 19:55:02 Test Open To Flow (1) 31 31 329 Bir 31.16 Bir 121 114.17 Initial Hydro-static 114.17 Initial Hydro-static 121 1191.72 131.65 Shut-ht(1) 00<	RILOBITE	DRILL STEM TES	ST REP	ORT				
New ton Kanses 67114+8827 Job Ton Konses 68 DST#: 3 ATTN: Andrew Stenzel Job Ton Konses 68 DST#: 3 GENERAL INFORMATION: Formation: Mississippi Devided: Mississippi Test Start: 2018.07.23 @ 16:01:00 GENERAL INFORMATION: Formation: Mississippi Devided: Model: ft (KB) Test Type: Time Tool Openet: X496.00 ft (KB) TO 4406.00 ft (KB) (TVD) Total Dept: Total Dept: 4406.00 ft (KB) (TVC) Reference Eexitons: 243.00 ft (KB) Serial #: 8322 Inside Sand Se psig 4395.00 ft (KB) Capacity:: psig Start Time: 16:01:01 End Time: 2018.07.23 Unit No: 2018.07.23 psig Start Time: 16:01:01 End Time: 2018.07.23 Unit No: 2018.07.23 17:53.02 Time Of Demark wattace blow back for 10 minutes SIS 13 0 Minutes Blow back bor for 10 minutes FPF 30 Minutes Blow back bor for 10 minutes FPF 30 Minutes Blow back Time PRESSURE SUIMARY Time Mark Time Mark 13:0.38 Bit 13:0.35 Song 13:0.43 Sonk-16(2) 11:0				26-1	7S-26W	/ Ness,KS		
ATTN: Andrew Stenzel Test Start: 2018.07.23 @ 16.01:00 GENERAL INFORMATION: Test Start: 2018.07.23 @ 16.01:00 Deviate: No Whipstock: ft (KB) Deviate: No Whipstock: ft (KB) The Teol Openet 17:53:32 Test Type: Conventional Bottom Hole (Initial Trester: The Test Ended: 22:41:02 Unit No: 72 Interval: 4394.00 ft (KB) (TVD) Reference Bevations: 2435.00 ft (KB) Your Bib Densitie 2018.07.23 End Date: 2018.07.23 Start Date: 2018.07.23 End Date: 2018.07.23 Last Calls 2018.07.23 @ 17:53.02 Start Time: 16.01:01 End Time: 22:41:02 Time Off Birr: 2018.07.23 @ 17:53.02 TEST COMMENT: IP 30 Minutes Blow built to BOB in 5 minutes Str1 as Minutes Surface blow back for 10 minutes FPF 30 Minutes Blow back to 10 minutes FPF 30 Minutes Blow back to 10 minutes FPF 30 Minutes Mole back PRESSURE SUMMARY Time Rescure (mg) Cage Rates Rescure (mg) Cage Rates Rescure (mg) Cage Rates Event Rescure (mg) Case Rate (mg)	ESTING, INC						DOT	u. n
Formation: Mississippi Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial Tester: Time Tool Opened: 1753:32 Tester: Ken Sw inney Time Test Effedd: 2241:02 Unit No: 72 Interval: 4394.00 ft (KB) To 4406.00 ft (KB) (TVD) Reference Elevations: 2435.00 ft (KB) Total Depth: 3495.80 peig 4395.00 ft (KB) Capacity: psig Start Date: 2018.07.23 End Date: 2018.07.23 Last Callbo: 2018.07.23 0176.50.02 These@RunDepth: 395.98 peig 4395.00 ft (KB) Capacity: psig psig Start Date: 2018.07.23 End Date: 2018.07.23 Capacity: psig Start Time: 16:01:01 End Time: 22:41:02 Time Off Bm: 2018.07.23 @ 19.55:02 TEST COMMENT: FP 30 Minutes Blow balk to BOB in 5 minutes FFF 30 Minutes Monutes Biow back for 10 minutes FFF 30 Minutes Monutes Biow back for 10 minutes Time Off Bm: 2018.07.23 @ 19.55:02 Time off Bm: 2018.07.23 End Shut-In(1) 113.23 114.44 Open To Flow (1) 1		ATTN: Andrew Stenzel						
Deviated: No Whipstock: ft (KB) Time Tool Opened: 17:53:32 Time On Btm: 2018.07:23 @ 17:53:02 Time On Btm: 2018.07:23 @ 17:53:02 Time On Btm: 2018.07:23 @ 19:55:02 TEST COMMENT: IFP 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to BOB in 5 minutes SF 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow built to Then died to 4" FSI 30 Minutes Blow back	GENERAL INFORMATION:							
Total Depth: 4406.00 ft (KB) (TVD) 2430.00 ft (CF) Hole Diameter: 7.88 inchesHole Condition: Fair KB to GRVCF: 5.00 ft Serial #: 8322 Inside psig pair Press@RunDepth: 395.98 psig @ 4395.00 ft (KB) Capacity: psig Start Time: 18:01:01 End Date: 2018.07.23 Last Callbo: 2018.07.23 @ 17:53:02 Time Off Btm: 2018.07.23 @ 19:55:02 Time Off Btm: 2018.07.23 @ 19:55:02 TEST COMMENT: IPP 30 Minutes Blow built to BOB in 5 minutes FFP 30 Minutes Blow built to 7' then died to 4'' FSI 30 Minutes No blow back FP 30 Minutes No blow back Time Off Btm: 2018.07.23 @ 19:55:02 Time Off Btm: 2018.07.23 @ 19:55:02 Time Off Btm: 2018.07.23 @ 19:55:02 TEST COMMENT: IPP 30 Minutes Blow built to 7'' then died to 4'' FSI 30 Minutes No blow back Time Off Btm: 2018.07.23 @ 19:55:02 Time Off Btm: 2018.07.23 @ 19:55:02 Time Off Btm: 2018.07.23 @ 19:55:02 Time Off Btm: 2018.07.23 @ 19:55:02 Test ComMENT: FP 30 Minutes Start Test off Btm: 2018.07.23 @ 19:55:02 Time Off Btm: 2018.07.23 @ 19:55:02 <t< td=""><td>Deviated: No Whipstock: Time Tool Opened: 17:53:32</td><td>ft (KB)</td><td></td><td>Teste</td><td>r: K</td><td>(en Swinney</td><td></td><td>Hole (Initial)</td></t<>	Deviated: No Whipstock: Time Tool Opened: 17:53:32	ft (KB)		Teste	r: K	(en Swinney		Hole (Initial)
Press@RunDepth: 395.98 psig @ 4395.00 ft (KB) Capacity: psig Start Date: 2018.07.23 End Date: 2018.07.23 Last Calib.: 2018.07.23 Date: 2018.07.23 Last Calib.: 2018.07.23 Date: 2018.07.23 Last Calib.: 2018.07.23 Date: 2018.07.23 Time On Btm: 2018.07.23 Date: Date: 2018.07.23 Date: Date: 2018.07.23 Date: Date: Date: 2018.07.23 Date: Date: </td <td>Total Depth: 4406.00 ft (KB) (T</td> <td>VD)</td> <td></td> <td>Refer</td> <td></td> <td></td> <td>2430.0</td> <td>00 ft (CF)</td>	Total Depth: 4406.00 ft (KB) (T	VD)		Refer			2430.0	00 ft (CF)
FSI 30 Minutes No blow back Pressure vs. Time PRESSURE SUMMARY Time Pressure Temp Annotation Minutes No blow back Time PRESSURE SUMMARY Time Pressure Temp Annotation Minutes No blow back Time Pressure Temp Annotation Minutes No blow back Time Pressure Temp Annotation 1 41.35 114.44 Open To Flow (1) Shut-In(1) 1 41.35 114.44 Open To Flow (2) Open To Flow (2) Open To Flow (2) Open To Flow (2) Description Open To Flow (2) Description Shut-In(2) End Shut-In(2) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-static Final Hydro-static Final Hydro-static Final Hydro-static Minutes No blow (2) Southing Southing Southing Southing Southing Southing Southing Southing Southing	Press@RunDepth: 395.98 psig Start Date: 2018.07.23 Start Time: 16:01:01 TEST COMMENT: IFP 30 Minutes ISI 30 Minutes	End Date: End Time: Blow built to BOB in 5 minutes Surface blow back for 10 minutes		Last Calib.: Time On Bt	m: 2	018.07.23 @) 17:53:0	23 02
Image: Second contraction Volume (bbl) Image: Second contraction Image: Second contraction Image: Second contraction Volume (bbl) Image: Second contrecond contraction Volume (bbl) </td <td>FSI 30 Minutes Pressure vs.</td> <td>No blow back</td> <td>Time</td> <td></td> <td></td> <td></td> <td></td> <td></td>	FSI 30 Minutes Pressure vs.	No blow back	Time					
Image: Second		- 13) - 13 - 13 - 13 - 13 - 15	(Min.) 0 1 31 60	(psig) (2143.54 41.35 239.81 1211.24 249.18	(deg F) 114.11 114.44 130.43 130.76 130.37	Initial Hydro- Open To Flo Shut-In(1) End Shut-In(Open To Flo	static w (1)	
Recovery Gas Rates Length (ft) Description Volume (bbl) 124.00 GSOCWM Oil 5% Gas 10% Water 35% M0.650% 992.00 GO Gas 20% Oil 80% 13.92			121	1191.72	131.85	End Shut-In(•	
124.00 GSOCWM Oil 5% Gas 10% Water 35% M0.650% 992.00 GO Gas 20% Oil 80% 13.92					Gas	Rates		
992.00 GO Gas 20% Oil 80% 13.92							(psig)	Gas Rate (Mcf/d)

RILOBITE	DRILL STEM TES	ST REP	ORT				
	Palomino Petroleum Inc.		26-17S-	26-17S-26W Ness,KS			
ESTING , IN	C 4924 SE 84th St. New ton Kansas 67114+8827			ľokoi #2			
	ATTN: Andrew Stenzel		Job Ticke Test Star		DST#: 3 3 @ 16:01:00		
GENERAL INFORMATION:							
Formation:MississippiDeviated:NoWhipstockTime Tool Opened:17:53:32Time Test Ended:22:41:02	ft (KB)		Test Type Tester: Unit No:	e: Conventi Ken Swit 72	onal Bottom Hole () nney	lnitial)	
Total Depth: 4406.00 ft (KB)	4406.00 ft (KB) (TVD) TVD) ble Condition: Fair			e Elevations: KB to GR/CF	2430.00 ft		
Serial #: 6752OutsidePress@RunDepth:1192.90 psiStart Date:2018.07.2Start Time:16:01:0TEST COMMENT:IFP 30 Minutes	End Date: End Time:	2018.07.23 22:41:02	Capacity: Last Calib.: Time On Btm: Time Off Btm:		ps 2018.07.23 23 @ 17:53:17 23 @ 19:55:02	ig	
FFP 30 Minute	Surface blow back for 10 minutes Blow built to 7" then died to 4" s No blow back		DDECC				
	Criz Torperdure	Time	PRESS Pressure Ter				
	- 100	(Min.)	(psig) (deg 2148.82 114		/dro-static		
		1		1	o Flow (1)		
		31	I I I I I I I I I I I I I I I I I I I	.42 Shut-In(•		
	110 -	60 61		.80 End Shu .23 Open T			
		90	1 1	.17 Shut-In			
		120 122	1192.90 131 2113.86 129		ut-In(2) rdro-static		
20 0 0 Tringer 20 0 0 Tringer 20 0 Tringer 20 0 Tringer	- 20 974						
Recover	,		. –	Gas Rates			
Length (ft) Description	Volume (bbi)		Cr	oke (inches) Pre	essure (psig) Gas Ra	te (Mcf/d)	
	10% Water 35% M0.650%						
992.00 GO Gas 20% Oil 80% 0.00 248' GIP	13.92						
	0.00						
	Ref. No: 63889						

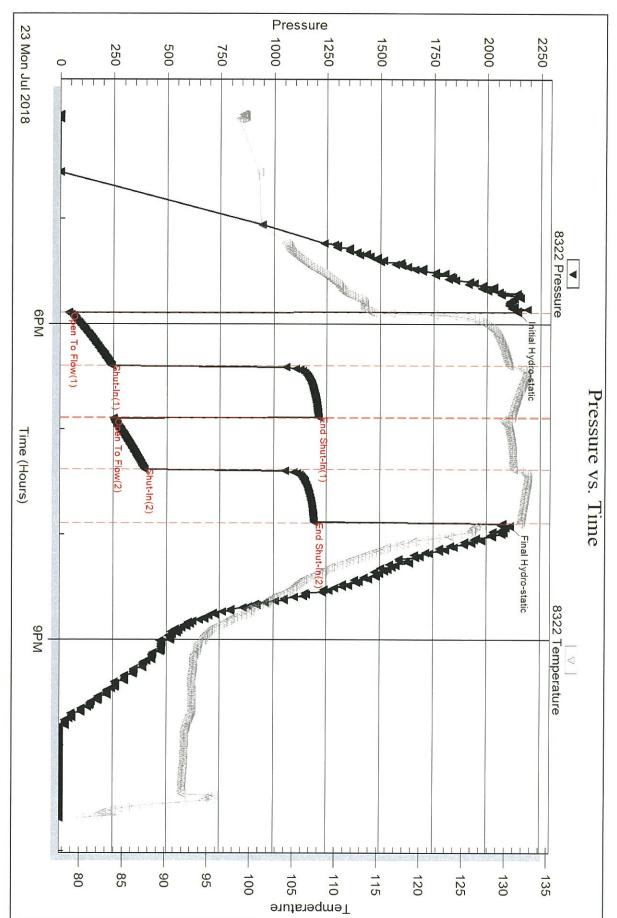
(On T	RILOE		DRI	LL STE	MTEST	REPO	RT	TOOL DIAGRA
				o Petroleum	nc.		26-17S-26W Ness,K	S
	 EST	TING , INC	1 7527 0	E 84th St. 1 Kansas 671	14+8827		Hilton Tokoi #2	
							Job Ticket: 63889	DST#: 3
			ATTN:	Andrew Ste	enzel		Test Start: 2018.07.23 @	16:01:00
Tool Information	on							
Drill Pipe:	Length:	4260.00 ft	Diameter:	3.80 in	iches Volume:	59.76 bb	l Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 in	iches Volume:	0.00 bb	I Weight set on Packer	: 20000.00 lb
Drill Collar:	Length:	120.00 ft	Diameter:	2.25 in	ches Volume:	0.59 bb	I Weight to Pull Loose:	70000.00 lb
Drill Pipe Above I	KB.	13.00 ft			Total Volume:	60.35 bb		0.00 ft
Depth to Top Pac		4394.00 ft					String Weight: Initial	63000.00 lb
Depth to Bottom		4004.00 ft					Final	64000.00 lb
Interval between								
Tool Length:		39.00 ft						
Number of Packe	ars:	2	Diameter:	6.75 in	ches			
Tool Comments:								
Tool Descripti	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut-In Tool			5.00			4372.00		
Hydraulic tool			5.00			4377.00		
Jars			5.00			4382.00		
Safety Joint			2.00			4384.00		
Top Packer			5.00			4389.00		
Packer			5.00			4394.00	27.00	Bottom Of Top Packer
			1.00	8322	Inside	4395.00		
Recorder			1.00	6752	Outside	4396.00		
Recorder Recorder			1.00					
Recorder			7.00			4403.00		
,						4403.00 4406.00	12.00	Anchor Tool

1. (J 📲 S) 🔪 –			L STEM TEST F	REPORT	-			
	RILOBITE		Petroleum Inc.		26-17S-26	W Ness,KS		
	ESTING , INC				Hilton Tokoi #2			
		New ton r	(ansas 67114+8827		Job Ticket:	63889	DST#:3	
		ATTN: A	ndrew Stenzel		Test Start: 2	2018.07.23 @ 10	5:01:00	
Mud and C	ushion Information	• • • • • • • • • • • • • • • • • • •						
Mud Type: G	Sel Chem		Cushion Type:			Oil API:	36 deg A Pl	
Mud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:	12000 ppm	
Viscosity:	44.00 sec/qt		Cushion Volume:		bbl			
Water Loss:	10.78 in³		Gas Cushion Type:					
Resistivity:	ohm.m		Gas Cushion Pressure	:	psig			
Salinity:	6800.00 ppm							
Filter Cake:	1.00 inches							
Recovery In	nformation							
			Recovery Table					
	Leng ft		Description		Volume bbl			
			SOCWM Oil 5% Gas 10% W	ater 35% Mud	5 0.640	3		
			O Gas 20% Oil 80%		13.91	5		
		0.00 2	48' GIP		0.000	2		
	Total Length:	1116.00	ft Total Volume:	14.561 bbl				
	Num Fluid Samp	oles: 0	Num Gas Bombs:	0	Serial #			
	Laboratory Nan	ne:	Laboratory Location	1:				
	Recovery Com	nents: Reco	very Resistivity .445 ohms @					
	-		· · · ·					

Printed: 2018.07.25 @ 16:11:18

Ref. No: 63889





DST Test Number: 3

Serial #: 8322

Inside

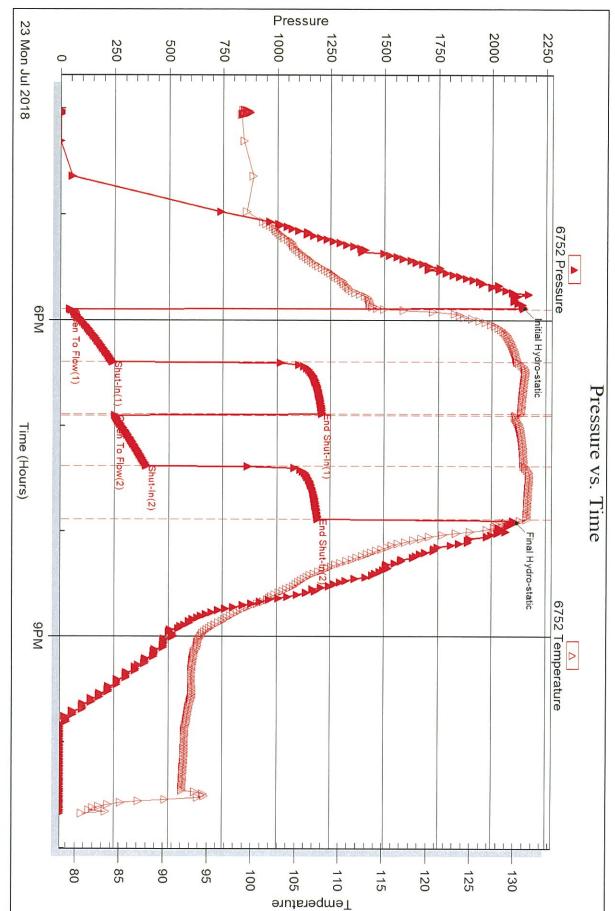
Palomino Petroleum Inc.

Hilton Tokoi #2

Printed: 2018.07.25 @ 16:11:18

Ref. No: 63889





Serial #: 6752

Outside Palomino Petroleum Inc.

Hilton Tokoi #2

DST Test Number: 3



DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum Inc.

4924 SE 84th St. Newton Kansas 67114+8827

ATTN: Andrew Stenzel

Hilton Tokoi #2

26-17S-26W Ness,KS

Start Date: 2018.07.24 @ 15:59:00 End Date: 2018.07.24 @ 22:07:02 Job Ticket #: 63890 DST #: 4

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

RILOBITE	DRILL STEM TES	ST REP	ORT				
	Palomino Petroleum Inc.		26	-175-26	VNess,KS	\$	
ESTING , INC	4924 SE 84th St. New ton Kansas 67114+8827		Hil	ton Tok	oi #2		
			Job	Ticket: 6	3890	DST#:	4
	ATTN: Andrew Stenzel		Tes	st Start: 20	018.07.24 @	15:59:00	
GENERAL INFORMATION:							
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:17:54:17Time Test Ended:22:07:02	ft (KB)		Tes	ter:	Conventiona Ken Swinne 72		Initial)
Interval:4406.00 ft (KB) To442Total Depth:4422.00 ft (KB) (TVHole Diameter:7.88 inches Hole	D)		Ref	erence El	evations: to GR/CF:	2435.00 2430.00 5.00	ft (CF)
Serial #: 8322 Inside Press@RunDepth: 89.63 psig @ Start Date: 2018.07.24 Start Time: 15:59:01	4407.00 ft (KB) End Date: End Time:	2018.07.24 22:07:02	Capacity Last Cali Time On Time Off	b.: Btm:	2018.07.24 (2018.07.24 (-	
FSI 30 Minutes No Pressure vs. Tin #22 Pressure		Time			RE SUMM		
		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	n	
		0	2225.26 23.35	119.11 119.01			
	115	32	68.79	125.47	Shut-In(1)		
	10	62 63	1183.01 71.48		End Shut-In Open To Fl	· ·	
			89.63 1172.77	126.07 126.72	Shut-In(2) End Shut-In		
		123	2199.98	126.00	Final Hydro		
oftal Trime (Ham) Recovery	97M			Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke (i		e (psig) Ga	is Rate (Mcf/d)
175.00 MW w /skim oil Mud 15% W	/ater 85% 5902.18						

Trilobite Testing, Inc

RILOBITE	DRILL STEM TES	ST REP	ORT				
	Palomino Petroleum Inc.		26-	17S-26	N Ness	KS,	
ESTING , INC	4924 SE 84th St. New ton Kansas 67114+8827		Hil	ton Tok	oi #2		
				Ticket: 6			Γ#:4
	ATTN: Andrew Stenzel		Tes	t Start: 20	018.07.24	1 @ 15:59:0	00
GENERAL INFORMATION:							
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:17:54:17Time Test Ended:22:07:02	ft (KB)		Tes	ter:	Conventi Ken Swii 72	onal Stradd nney	le (Initial)
Interval:4406.00 ft (KB) To442Total Depth:4422.00 ft (KB) (TVHole Diameter:7.88 inches Hole	D)		Ref	erence Ele KB 1	evations: to GR/CF	2430	.00 ft (KB) .00 ft (CF) .00 ft
Serial #: 6752 Outside Press@RunDepth: 1175.03 psig @ Start Date: 2018.07.24 Start Time: 15:59:01 TEST COMMENT: IFP 30 Minutes Blo ISI 30 Minutes No FFP 30 Minutes B	End Date: End Time: w built to 3 1/2" blow back	2018.07.24 22:07:02	Capacity Last Cali Time On Time Off	b.: Btm: :		2018.07 24 @ 17:53 24 @ 19:57	:47
FSI 30 Minutes No Pressure vs. The Orac Pressure vs. The Orac Pressure vs. The		Time	Pressure	RESSUF Temp	RE SUN		
2000 1773		(Min.) 0 1 32	(psig) 2223.74 22.93 70.16	116.79 124.23	Open To Shut-In(
	Tomperaty Balance	63 63	1183.49 72.91		End Shu Open Te	ut-In(1) o Flow (2)	
	B B S	93 123 124	90.98 1175.03 2181.65	125.38 126.44 126.48	End Shu		
а	31 2 31 2 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 30 30 30 30 30 30 30 30 30 30 30						
Recovery	Values Reals			1	s Rates		0
Length (ft) Description 175.00 MWV w /skim oil Mud 15% V	Volume (bbi) /ater 85% 5902.18			Choke (ii	nches) Pre	issure (psig)	Gas Rate (Mct/d)
I				121 -			

Trilobite Testing, Inc

RILOBITE	Palomino Petroleum Inc.				Ve	
ESTING , INC.				6W Ness,	N3	
	4924 SE 84th St. New ton Kansas 67114+8827		Hilton T		DST#:	л
	ATTN: Andrew Stenzel			2018.07.24		-
GENERAL INFORMATION:						
Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 17:54:17 Time Test Ended: 22:07:02	ft (KB)		Test Type: Tester: Unit No:	Conventio Ken Sw in 72	onal Straddle (ney	Initial)
Interval: 4406.00 ft (KB) To 44 Total Depth: 4422.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	/D)			Elevations: (B to GR/CF:	2435.00 2430.00 5.00	ft (CF)
Serial #: 6755Below (StradePress@RunDepth:psig (Start Date:2018.07.24Start Time:15:59:01		2018.07.24 22:07:02	Capacity: Last Calib.; Time On Btm: Time Off Btm:		2018.07.24	psig
ISI 30 Minutes No FFP 30 Minutes E	Blow built to 2"					
ISI 30 Minutes No	blow back Blow built to 2" lo blow back me	Time				
ISI 30 Minutes No FFP 30 Minutes N Pressure vs. The continues resource vs. The resource vs. The continues resource vs. The continues resource vs. The continues resource vs. The resource vs. The	blow back Blow built to 2" lo blow back	Time (Min.)	PRESS Pressure Tem (psig) (deg	o Annota		
ISI 30 Minutes No FFP 30 Minutes N Pressure vs. The Control of the second secon	blow back Blow built to 2" to blow back	(Min.)	Pressure Tem (psig) (deg	o Annota		
ISI 30 Minutes No FFP 30 Minutes E FSI 30 Minutes N Pressure vs. The contribution Transformed Transfor	blow back Blow built to 2" lo blow back	(Min.)	Pressure Tem (psig) (deg	Annota F) Gas Rates	ation	as Rate (Mcf/d)
ISI 30 Minutes No FFP 30 Minutes E FSI 30 Minutes N Pressure vs. The contribution from the second se	blow back Blow built to 2" lo blow back	(Min.)	Pressure Tem (psig) (deg	Annota F) Gas Rates	ation	as Rate (Mcf/d)

Trilobite Testing, Inc

NITU I	RILO			o Petroleur	n Inc.			26	-17S-26W N	less.K	S	
	ES	T ING , INC	4924 SI	E 84th St.					Iton Tokoi		-	
	•			Kansas 6	7114+88	827			b Ticket: 6389		DST#:	
			ATTN:	Andrew S	Stenzel				st Start: 2018.			•
Tool Informatio	on		ļ									
Drill Pipe:	Length:	4292.00 ft	Diameter:	3.80	inches	Volume:	60.21 bb	bl	Tool Weight:		2000.00)
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00 bb		Weight set on	Packer:		
Drill Collar:	Length:	120.00 ft	Diameter:	225.00	inches	Volume:	5901.40 bb)	Weight to Pull			
	- /D.	00.00.7			Total	Volume:	5961.61 bb		Tool Chased		0.00 f	
Drill Pipe Above H		29.66 ft							String Weight:	Initial	64000.00 ll)
Depth to Top Pac Depth to Bottom F		4406.00 ft 4419.00 ft								Final	64000.00 lt)
Interval between												
Tool Length:	aunera.	134.34 ft										
Number of Packe	rs:	3	Diameter:	6.75	inches							
Tool Comments:		-										
Tool Descriptic	on	Le	nath (ft)	Serial No). Pos	sition	Depth (ft)	Accum	Lengths			
-	on	Le	ngth (ft)	Serial No). Pos	sition	Depth (ft)	Accum	ı. Lengths			
Tool Descriptic Shut-In Tool Hydraulic tool	on	Le	ngth (ft) 5.00 5.00	Serial No). Pos	sition	Depth (ft) 4387.34 4392.34	Accum	ı. Lengths			
Shut-In Tool Hydraulic tool	on	Le	5.00	Serial No). Pos	sition	4387.34	Accum	ı. Lengths			
	on	Le	5.00 5.00	Serial No	o. Pos	sition	4387.34 4392.34	Accum	ı. Lengths			
Shut-In Tool Hydraulic tool Jars Safety Joint	on	Le	5.00 5.00 5.00	Serial No	o. Pos	sition	4387.34 4392.34 4397.34	Accum	i. Lengths			
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer	on	Le	5.00 5.00 5.00 2.00	Serial No	o. Pos	sition	4387.34 4392.34 4397.34 4399.34	Accum	23.66		Bottom Of	Top Packe
Shut-In Tool Hydraulic tool Jars	on	Le	5.00 5.00 5.00 2.00 5.00	Serial No 8322		sition	4387.34 4392.34 4397.34 4399.34 4404.34	Accum			Bottom Of	Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder	on	Le	5.00 5.00 5.00 2.00 5.00 1.66		2		4387.34 4392.34 4397.34 4399.34 4404.34 4406.00	Accum			Bottom Of	Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer	on	Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00	8322	2	Inside	4387.34 4392.34 4397.34 4399.34 4404.34 4406.00 4407.00	Accum				Top Packe
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor	on	Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 1.00	8322	2	Inside	4387.34 4392.34 4397.34 4399.34 4404.34 4406.00 4407.00 4408.00	Accum	23.66			
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor Packer	on	Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 1.00 11.00	8322	2	Inside	4387.34 4392.34 4397.34 4399.34 4404.34 4406.00 4407.00 4408.00 4419.00	Accum	23.66			·····
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Recorder Anchor Packer Blank Off Sub	on	Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 1.00 1.00 11.00 3.06	8322	2	Inside	4387.34 4392.34 4397.34 4399.34 4404.34 4406.00 4407.00 4408.00 4419.00 4422.06	Accum	23.66			·····
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor Packer Blank Off Sub Perforations		Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 11.00 3.06 1.00	8322	2	Inside	4387.34 4392.34 4397.34 4399.34 4404.34 4406.00 4407.00 4407.00 4408.00 4419.00 4422.06 4423.06	Accum	23.66			·····
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor Packer Blank Off Sub Perforations Change Over Sub		Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 11.00 3.06 1.00 25.00	8322	2 0	Inside	4387.34 4392.34 4397.34 4399.34 4404.34 4406.00 4407.00 4408.00 4419.00 4422.06 4423.06 4448.06	Accum	23.66			·····
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor Packer Blank Off Sub Perforations Change Over Sub Recorder		Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 1.00 11.00 3.06 1.00 25.00 1.03	8322 6752	2 0	Inside Dutside	4387.34 4392.34 4397.34 4399.34 4404.34 4406.00 4407.00 4408.00 4408.00 4419.00 4422.06 4423.06 4448.06 4449.09	Accum	23.66			·····
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor Packer Blank Off Sub Perforations Change Over Sub Recorder Drill Pipe	0	Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 11.00 3.06 1.00 25.00 1.03 0.00	8322 6752	2 0	Inside Dutside	4387.34 4392.34 4399.34 4404.34 4406.00 4407.00 4407.00 4408.00 4419.00 4422.06 4423.06 4448.06 4449.09 4449.09	Accum	23.66			·····
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder	0	Le	5.00 5.00 5.00 2.00 5.00 1.66 1.00 11.00 11.00 3.06 1.00 25.00 1.03 0.00 63.73	8322 6752	2 0	Inside Dutside	4387.34 4392.34 4399.34 4404.34 4406.00 4407.00 4408.00 4408.00 4419.00 4422.06 4423.06 4423.06 4449.09 4449.09 4512.82	Accum	23.66	Bot		ōol Interva

RI	LOBITE		L STEM TEST Petroleum Inc.				LUID SUMMA
	ESTING , INC.					W Ness,KS	
			84th St. Kansas 67114+8827		Hilton To Job Ticket: (DST#:4
		ATTN: A	Andrew Stenzel			2018.07.24 @ 15	
Mud and Cushior	n Information						
Mud Type: Gel Cher	n		Cushion Type:			Oil API:	deg AP
	9.00 lb/gal		Cushion Length:		ft	Water Salinity:	13000 ppm
	8.00 sec/qt		Cushion Volume:		bbl		
	9.58 in³		Gas Cushion Type:				
Resistivity:	ohm.m		Gas Cushion Pressu	ire:	psig		
	10.00 ppm 1.00 inches						
Recovery Informa	ation						
		· · · · · · · · · · · · · · · · · · ·	Recovery Table		r	7	
	Leng ft		Description		Volume bbl	_	
		175.00 N	/W w /skim oil Mud 15% Wa	ater 85%	5902.176	3	
	Total Length:	175.00) ft Total Volume:	5902.176 bbl			
	Num Fluid Samp	oles: 0	Num Gas Bombs:	. 0	Serial #		
	Laboratory Nan	ne:	Laboratory Locat	lion:			
			overy Resistivity .417 ohms	, eg of deg			
			, , , , , , , , , , , , , , , , , , , ,				
			, , , , , , , , , , , , , , , , , , , ,				
			, , , , , , , , , , , , , , , , , , , ,				
			, , , , , , , , , , , , , , , , , , , ,				
			, , , , , , , , , , , , , , , , , , , ,				
			, , , , , , , , , , , , , , , , , , , ,				

Printed: 2018.07.25 @ 16:10:50

85

90

95

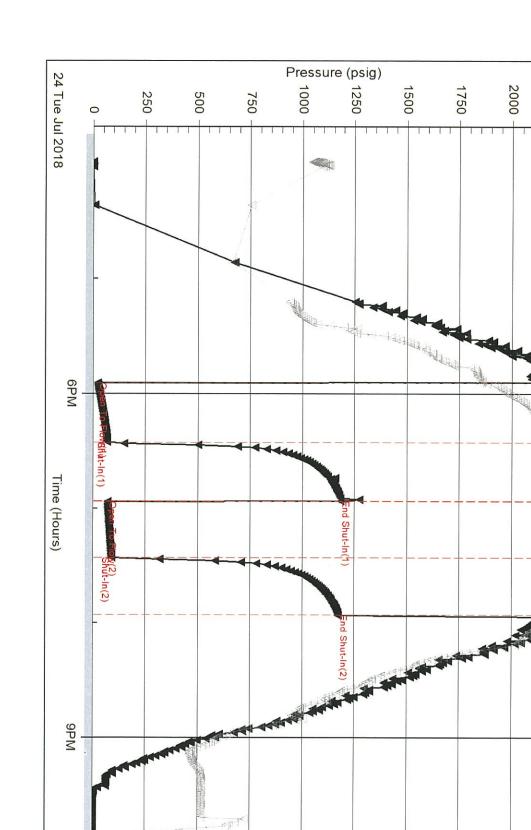
Temperature (deg F)

115

120

Ref. No: 63890

Trilobite Testing, Inc



DST Test Number: 4

Serial #: 8322 Inside Palomino Petroleum Inc.

Hilton Tokoi #2

Pressure vs. Time

2250

▼ 8322 Pressure

nitial Hydro-static

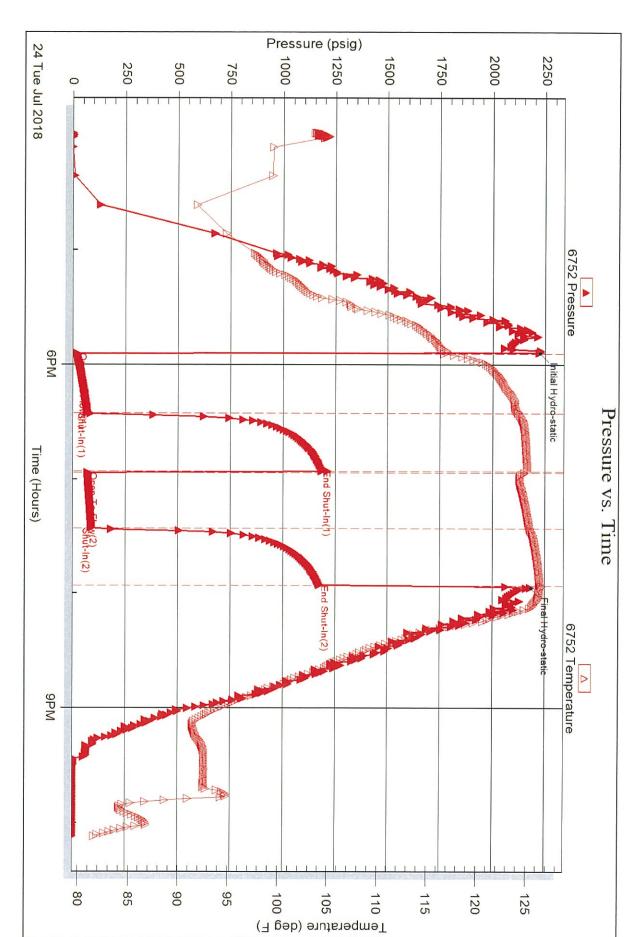
Final Hydro-static

125

Printed: 2018.07.25 @ 16:10:50

Ref. No: 63890

Trilobite Testing, Inc



Serial #: 6752

Outside Palomino Petroleum Inc.

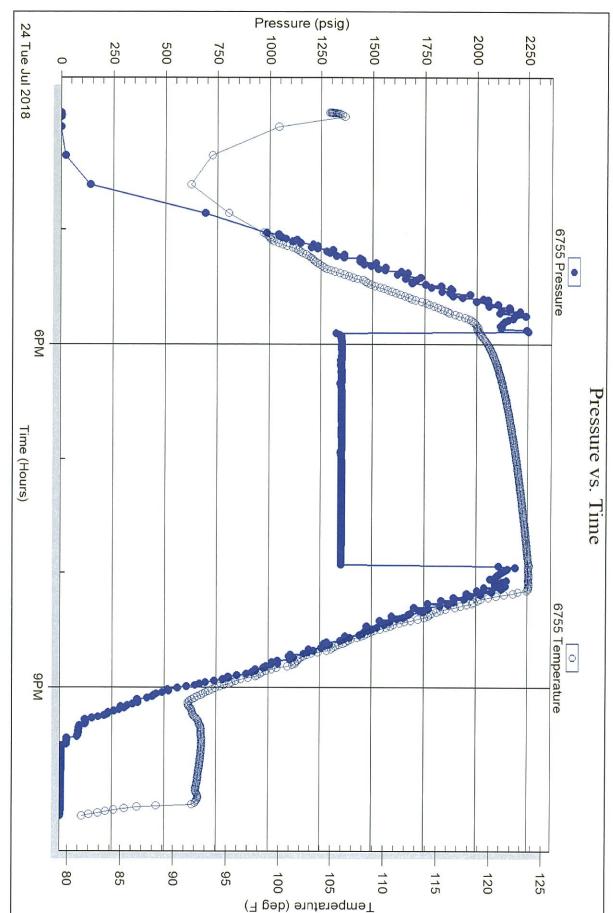
Hilton Tokoi #2

DST Test Number: 4

Printed: 2018.07.25 @ 16:10:50

Ref. No: 63890

Trilobite Testing, Inc



Serial #: 6755

Below (Stradatten)no Petroleum Inc.

Hilton Tokoi #2

DST Test Number: 4

AID RILOBITE ESTING IN 1515 Commerce Park	<i>NC.</i> way ∙ Hays, Kansas 67601	Test Ticket NO. 63887
Well Name & No. Hilton Tokoi Company Palomino Petroleum Address <u>4924</u> SE 84th St. Co. Rep/Geo. Andrew Stenzel	Newton Kansas 67114+88	2435 KB 2430 GL
Location: Sec26Twp7		
Interval Tested <u>4112-4300</u> Anchor Length188	Zone Tested	
Top Packer Depth 410 7		
Bottom Packer Depth 4/1/2		WL8.0
Total Depth 4300		opm System LCM 174
Blow Description I.F. Blow built I.S.I NO 66W back F.F. Surface blow for 3 m	to linch then died in	
F.S.J. No blow back		
Rec_ 75 Feet of Mud upston		%oil %water / 30 %mud
Rec Feet of		%oil %water %mud
Rec Feet of		%oil %water %mud
Rec Feet of		%oil %water %mud
Rec Feet of Rec Total 7.5 BHT		%oil %water %mud
(A) Initial Hydrostatic 2026	1150	_@°F Chloridesppm T-On Location5'.5-6
(B) First Initial Flow22		T-Started 7:10 am
(C) First Final Flow 40	Safety Joint 75	T-Open9:14 am
(D) Initial Shut-In 230	Circ Sub	TDullad 11:14
(E) Second Initial Flow 47	O Hourly Standby	T-Out 1:00 pm
(F) Second Final Flow58	Mileage 92 92	Comments
(G) Final Shut-In &0 J	Q Sampler	
(H) Final Hydrostatic 1972	Graddle	
	Shale Packer	
Initial Open 3 0	Extra Packer	
Initial Shut-In30	Extra Recorder	
Final Flow 30	Day Standby	1565
Final Shut-In 3 O	Accessibility Sub Total567	

44

4/10	RILOBITE ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 67	7601		t Ticket 63888	
Company Palan Address <u>4924</u>	Hilton Tokoi #0 non Retroleun In SE 841th St N	ewton Kans	Elevation	2435 1+8827	КВ <u>>43</u>	<i>○</i> GL
Co. Rep / Geo	adread Stenzel	·····	Rig/	W Rig	2	
Location: Sec.	26Twp175	_ Rge26W	Co	255	State	<u>KS</u>
Interval Tested	4308-4392	Zone Tested	Missis	sippi		·····
Anchor Length	84	Drill Pipe Run	4164			1.0
Top Packer Depth	7503	Drill Collars Ru	n/ <i>ʔ-C</i>		Vis	19
Bottom Packer Depth_	4308	Wt. Pipe Run			WL	·. γ
Total Depth	4392	Chlorides	<u>3 800 </u>			177
	F Blow built to		7 minutes			
I.S.F. 3 .	ach blow back					
F.F. Blow	built to BOB.	~ 21/2 1	ninutrs			
F.S.I I in	A blow back					<u> </u>
Rec_248	Feet of O. I cut Gassy	mud	10 %gas	5 %oil	%waler	<u> కి. 78 mud</u>
Rec	Feet of Mid cut Gossy	0.1	20%gas	70 %oil	%water	10 %mud
Rec 1255	Feet of Gassy O.1		<u> 30 %gas</u>	70 %oil	%water	%mud
Rec295	Feet of <u>GIP</u>		100 %gas	%oil	%water	%mud
	Feet of		%gas		%water	%mud
Rec Total	<u>s</u> внт <u></u> 2 <u>8 _</u>	_Gravity _ <u>36</u>	_ API RW	_@°F	Chlorides	ppm
(A) Initial Hydrostatic_	2150	🛛 Test_1150		T-On Lo	ocation /2	441 am
(B) First Initial Flow	174	🖾 Jars250	·····	T-Starte		:41am
(C) First Final Flow		🗹 Safety Joint	75	•		04 am
(D) Initial Shut-In	973	Circ Sub			d5.	
(E) Second Initial Flow	449	Hourly Standby	r		8	
(F) Second Final Flow	576	Mileage		Comme	ents	
(G) Final Shut-In	903	Sampler				
(H) Final Hydrostatic_	2077	G Straddle			and Chain Design	
		G Shale Packer_		4 1.0.	ned Shale Packer_	
Initial Open	30	Extra Packer		- 1101	ned Packer	
Initial Shut-In	30	C Extra Recorder			ra Copies	
Final Flow		Day Standby		Total	1567	
Final Shut-In	2.1	Accessibility			ST Disc't	
		Sub Total			\mathcal{O} .	

AVID RILOBITE ESTING INC 1515 Commerce Parkwa	y • Hays, Kansas 67601		t Ticket 63889
Well Name & No. <u>Hilton Tokoi</u> # Company <u>Palonino Petroleum</u> Address <u>4924</u> <u>5E 8476</u> <u>St.</u> Co. Rep/Geo. <u>Andrew Stenzel</u>	Kewton Kansas L	on <u>2435</u> 67114+882	кв_ <u>2430</u> GL У
Location: Sec. <u>76</u> Twp <u>175</u>	Rge26WCo	11255	State HS
Interval Tested 4394-4406			
Anchor Length 12			
Top Packer Depth4389	Drill Collars Run / 2	-0	Vis 44
Bottom Packer Depth4394	Wt. Pipe Run		WL 10.8
Total Depth 4406	Chlorides 6800	🔎 ppm System	LCM
Blow Description Blow built to			
ISI Surface blas back			
F.F. Blau built to 7;			
F.S.J. No 56w book			
Rec_174 Feel of 0.1+ Gas cut la	latery Mud 10%ga	s _5 %oil	3.5% water 50% mud
Rec. 997 Feet of 69557 0.1	2 C%ga		%water %mud
Rec_ 248 Feet of GIP	100 %ga	s %oil	%water %mud
Rec Feet of	%qa	s %oil	%water %mud
Rec Feet of			%water %mud
Rec Total BHT	Gravity 36 API RW	<u>445@ 80</u> F	Chlorides 12,000 ppm
(A) Initial Hydrostatic2143	01 Test	T-On Lo	ocation
(B) First Initial Flow <u>4 /</u>	Ċ¥ Jars	T-Starte	d <u>4:01 pm</u>
(C) First Final Flow 239	🖸 Salety Joint	T-Open	5:52 ,2 ,2 ,2 ,2 ,2 ,2 ,2 ,2 ,2 ,2 ,2 ,2 ,2
(D) Initial Shut-In / 2 (1	Circ Sub		1 <u>7,50,00</u>
(E) Second Initial Flow 249	Hourly Standby		10:41 pm
(F) Second Final Flow 3 9.5	🗷 Mileage 9,2 9.	2 Commo	ants
(G) Final Shut-In / パデノ	Sampler		
(H) Final Hydrostatic 2///	G Straddle		ned Shale Packer
	Shale Packer		ned Packer
Initial Open30	C Extra Packer		ra Copies
Initial Shut-In30	Extra Recorder		_
Final Flow 30	Day Standby		1567
Final Shut-In 30	Accessibility		T Disc't
	Sub Total1567		
		. 1/ 1.	

RILOBITE		Test Ticket
JESTING INC	C. ay ∙ Hays, Kansas 67601	NO. 63890
Well Name & No.HiltorTakai HCompany $Palamina$ $Petroloum$ Address $419245E$ $84rk5t$ Co. Rep / Geo. $Andrew$ $Stenze$ Location: Sec. $2L$ Twp 175 Interval Tested $44ab - 4422$ Anchor Length $1b$ $HFET$ Top Packer Depth $44ab$ $44ab$ Total Depth 4556 Blow Description $E. E. Ekew bailt$	Inc.Elevation $A'ew fanKansacA'ew fanKansacA'ew fanKansacRig.WinteringRge.26wCo.Rge.26wCo.MississionMississionCone TestedMississionMinteringMississionMinteringMississionMinteringMississionMinteringMint$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
I.S.I. Nobbarback		
F.F. Blow built to 2 ;. F.S.J. No blow back Rec_175 Feel of Muddy Wat	se hos	
Rec Feet of	7	
Rec Feet of	%gas	%oil %water %mud
Rec Feel of	%gas	%oil %water %mud
Rec Feet of		%oil %water %mud
Rec Total 175 BHT 126	Gravity API RW 4/7	@
(A) Initial Hydrostatic 2223	🖄 Test	T-On Location 2:47,5m
(B) First Initial Flow 23	赵 Jars250	
(C) First Final Flow 6 9	Safety Joint 75	T-Open
(D) Initial Shut-In/1 \$ 3	Circ Sub	T-Pulled 7.5 ⁻³ om
(E) Second Initial Flow 7 /	Hourly Standby	T-Out 10:08 pm
(F) Second Final Flow	Mileage 7,292	Comments
(G) Final Shut-In 1170	🛛 Sampler	
(H) Final Hydrostatic 2199	🛱 Straddle600	
	G Shale Packer	
initial Open 3 C	Extra Packer	
Initial Shut-In 3 C	Extra Recorder	- anta oopios
Final Flow 30	Day Standby	
Final Shut-In 3C	C Accessibility Sub Total	

Approved By ______ Our Representative ______ Tritobite Testing Inc. shall not be table for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for all cost by the party for whom the test is made.



Andrew Stenzel Geologist

Ness City, Kansas



Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Hilton Tokoi #2 API: 15-135-26010 Location: NW-NE-SW-SW Sec. 26-17S-26W (Ness County) License Number: 30742 Region: KANSAS Spud Date: 7/16/18 Drilling Completed: 7/25/18 Surface Coordinates: 1275' FSL & 827' FWL

Bottom Hole Coordinates: Ground Elevation (ft): 2430 Logged Interval (ft): 3600 Formation: MISSISSIPPIAN Type of Drilling Fluid: Mud-Co Chemical

K.B. Elevation (ft): 2435 Total Depth (ft): 4520

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Palomino Petroleum, Inc. Address: 4924 SE 84th St. Newton, KS 67114

To: TD

GEOLOGIST

Name: Andrew Stenzel Company: Petroleum Geologist Address: 501 S. Franklin Ness City, KS 67560

Drilling Report

DAILY DRILLING REPORT: 7/16/18 MIRU, ran surface casing 7/17/18 Drilling @ 554' 7/18/18 Drilling @ 2173' 7/19/18 Drilling @ 3170' 7/20/18 Drilling @ 3830' 7/21/18 Circulating to condition hole @ 4066' 7/22/18 DST #1 7/23/18 DST #2, DST #3 7/24/18 Ran electric logs, DST #4 7/25/18 Ran production casing

MUD: MUDCO LOGS: GEMINI WIRELINE; CNDL, DIL, ML, SL

Casing Record

SURFACE Casing: Ran 5 jts new 8 5/8", 23# casing @ 218'.

PRODUCTION Casing: Ran 107 jts new 5 1/2", 14# casing set at 4517'.

	Formati	on Tops	
Sample T	ops	LogTop	S
Anhy.	1767 (+668)	Anhy.	1762 (+673)
Base Anhy.	1799 (+636)	Base Anhy.	1792 (+643)
Heebner	3724 (-1289)	Heebner	3721 (-1286)
Lansing	3765 (-1330)	Lansing	3763 (-1328)
Stark Sh	4009 (-1574)	Stark Sh	4006 (-1571)
BKC	4076 (-1641)	BKC	4074 (-1639)
Marmaton	4120 (-1685)	Marmaton	4119 (-1684)
Pawnee	4206 (-1771)	Pawnee	4203 (-1768)
Ft. Scott	4270 (-1835)	Ft. Scott	4270 (-1835)
Cher. Sh.	4295 (-1860)	Cher. Sh.	4294 (-1839)
Miss.	4368 (-1933)	Miss.	4364 (-1929)
RTD	4520 (-2085)	LTD	4518 (-2083)

RILOBITE	Palomino Petroleum Inc.		26-17S	-26W Ness,K	S
ESTING , INC	4924 SE 84th St. New Ion Kansas 67114+8827		Hilton	Tokoi #2	
	ATTN: Andrew Stenzel			et: 03007 rt: 2018.07.22 @	DST#:1 2 07:10:00
GENERAL INFORMATION:					
Formation: Marmaton - Ft. Scot	it				
Deviated: No Whipstock:	ft (KB)		Test Typ	e: Conventiona	al Bottom Hole (Initial)
Time Tool Opened: 09:15:02 Time Test Ended: 13:00:02			Tester: Unit No:	Ken Swinne 72	зÀ
Interval: 4112.00 ft (KB) To 43	00.00 ft (KB) (TVD)			ce Bevations:	2435.00 ft (KB)
Total Depth: 4300.00 fl (KB) (TV					2430.00 ft (CF)
Hole Diameter: 7.88 inchesHole	Condition: Fair			KB to GR/CF:	5.00 ft
Serial #: 8322 Inside					
Press@RunDepth: 58.10 psig (Capacity:		psig
Start Date: 2018.07.22		2018.07.22	Last Callb .:		2018.07.22
Start Time: 07:10:01	End Time:	13:00:02	Time On Blm Time Off Blm	2018.07.22	•
Province vir 15		Time (Mn.) 0 1	Pressure Te (psig) (de 2026.93 113 22.98 113	SURE SUMM mp Annotatic g F) 3.81 Initial Hydro 3.24 Open To P	on o-static Tow (1)
FSI 30 Minutes N	to blow back	Time (Mn.) 0	Pressure (psig) Te (de 2026.93 20.26.93 11. 22.98 11. 40.77 11. 930.92 11. 47.67 11. 58.10 11. 802.58 11.	mp Annotatio g F) 3.81 Initial Hydro	o-static Tow (1) In(1) Tow (2) n(2)
FSI 30 Minutes N	bo blow back	Time (Mn.) 0 1 31 61 61 91 123	Pressure (psig) Te (de 2026.93 20.26.93 11. 22.98 11. 40.77 11. 930.92 11. 47.67 11. 58.10 11. 802.58 11.	mp Annotation g F) 3.81 Initial Hydro 3.24 Open To F1 4.59 Shut-In(1) 5.45 End Shut-In(1) 5.45 End Shut-In(2) 6.97 End Shut-In(2) 6.97 End Shut-In(2) 6.97 End Shut-In(2) 7.45 Final Hydro	o-static Tow (1) In(1) Tow (2) n(2)
FSI 30 Minutes N	b blow back	Time (Mn.) 0 1 31 61 61 91 123	Pressure (psig) Te (de 2026.93 22.98 113 40.77 114 930.92 113 47.67 113 58.10 114 1972.39 113	MP Annotation g F) 3.81 Initial Hydro 3.24 Open To F1 4.59 Shut-In(1) 5.45 End Shut-Is 5.30 Open To F1 6.75 Shut-In(2) 6.97 End Shut-Is 7.45 Final Hydro Gas Rates	o-static Tow (1) h(1) Tow (2) h(2) o-static
FSI 30 Minutes N	b blow back	Time (Mn.) 0 1 31 61 61 91 123	Pressure (psig) Te (de 2026.93 22.98 113 40.77 114 930.92 113 47.67 113 58.10 114 1972.39 113	MP Annotation g F) 3.81 Initial Hydro 3.24 Open To F1 4.59 Shut-In(1) 5.45 End Shut-Is 5.30 Open To F1 6.75 Shut-In(2) 6.97 End Shut-Is 7.45 Final Hydro Gas Rates	o-static Tow (1) In(1) Tow (2) n(2)
FSI 30 Minutes N	b blow back	Time (Mn.) 0 1 31 61 61 91 123	Pressure (psig) Te (de 2026.93 22.98 113 40.77 114 930.92 113 47.67 113 58.10 114 1972.39 113	MP Annotation g F) 3.81 Initial Hydro 3.24 Open To F1 4.59 Shut-In(1) 5.45 End Shut-Is 5.30 Open To F1 6.75 Shut-In(2) 6.97 End Shut-Is 7.45 Final Hydro Gas Rates	o-static Tow (1) h(1) Tow (2) h(2) o-static

	RILOBITE	DRILL STEM TES					
証明	ESTING, INC.	Palomino Petroleum Inc.		26-	17S-26V	V Ness,KS	
	I ESTING, INC.	4924 SE 84th St. Newton Kansas 67114+8827			ton Tok Ticket: 6:		DST#:2
		ATTN: Andrew Stenzel				018.07.23 @ 01	
GENERAL	. INFORMATION:	MARY AND THE TRANSPORT OF THE ADDRESS OF					
	Mississippi No Whipstock: lened: 04:06:17 ded: 08:35:02	ft (KB)		Tesi Tesi Unit	ler:	Conventional Bo Ken Swinney 72	ottom Hole (Initiat)
Interval: Total Depth: Hole Diamete	4308.00 ft (KB) To 439 4392.00 ft (KB) (TVI r: 7.88 inchesHole)		Refe	erence Be KB (2435.00 ft (KB) 2430.00 ft (CF) 5.00 ft
Serial #:	8322 Inside						
Press@Runt Start Date: Start Time:	Depth: 596.26 psig @ 2018.07.23 01:41:01	4309.00 ft (KB) End Date: End Time:	2018.07.23 08:35:02	Capacity: Last Calib Time On I Time Off	o.: Birn :	201 2018.07.23 @ 0 2018.07.23 @ 0	
TEST CON	IMENT: IFP 20 Mnutes Blo ISI 30 Mnutes 3" I FFP 20 Mntues 8 FSI 30 Mntues 1"	blow back flow built to BOB in 2 1/2 minutes					
	Pressence on The All Presser	50) 530 Karpendum	-			RE SUMMAR	Y
1779 1779			Time (Min.) 0 1 21 50 51 71	Pressure (psig) 2150.36 174.10 409.98 973.19 449.06 596.26 903.91	115.79 128.32 127.00	End Shut-h(1) Open To Flow Shut-ln(2) End Shut-ln(2)	(1) (2)
	Jan		101 102	2077.70	128.33	Final Hydro-sta	atic
						Final Hydro-st	atic
Hern M 28H	Recovery Description	Volume (bb)			Gas		
tenglh (ft) 248.00	Recovery Description GSOCM Oil 5% Gas 10% M	Volume (bb) Aud 85% 2.39			Gas	3 Rates	
на мати Langih (R) 248.00 62.00	Recovery Description GSOCM Oil 5% Gas 10% M GMCO Mud 10% Gas 20%	Volume (bbs) Aud 85% 2.39 Cil 70% 0.87			Gas	3 Rates	
tenglh (ft) 248.00	Recovery Description GSOCM Oil 5% Gas 10% M	Volume (bb) Aud 85% 2.39			Gas	3 Rates	
20 John M 2014	Recovery Description GSOCM Oil 5% Gas 10% M GMCO Mud 10% Gas 20% GO Gas 30% Oil 70%	Velume (bb) Aud 85% 2.39 Oil 70% 0.87 17.60 17.60			Gas	3 Rates	

	RILOBITE	Palomino Petroleum Inc.	26-17S-26W Ness,KS					
	ESTING , INC	4924 SE 84th St. New Ion Kansas 67114+8827	Hilton Tokoi #2 Job Ticket: 63889 DST#: 3					
		ATTN: Andrew Stenzel	Test Start: 2018.07.23 @ 16:01:00					
GENERAL	. INFORMATION:							
	Mississippi No Whipstock: ened: 17:53:32 ded: 22:41:02	ft (KB)		Test Teste Unit N	w: 1	Conventiona Ken Swinne 72		ole (Initial)
Interval: Total Depth: Hole Diamete	4394.00 ft (KB) To 44 4406.00 ft (KB) (Th r: 7.88 inchesHow	/D)		Refer		evations: to GR/CF:	2430.0) ft(KB)) ft(CF)) ft
Serial #: Press@Run[Start Date: Start Time: TEST COM	Depth: 395.98 psig 2018.07.23 16:01:01 IMENT: IFP 30 Minutes E ISI 30 Minutes S	End Date: End Time: Now built to BOB in 5 minutes Surface blow back for 10 minutes Now built to 7" then died to 4"	2018.07.23 22:41:02	Capacity: Last Calib. Time On Bi Time Off B	lm 1	2018.07.23 (2018.07.23 (-	2
	Гъснице из Т СО 1522 Гозине	Trans.	Time	PRE	ESSUR Temp	RE SUMM		
			(Mn.) 0 1 31 60 61 90 121 122	(psig) 2143.54 41.35 239.81 1211.24 249.18 395.98	(deg F) 114.11 114.44 130.43 130.76 130.37 131.05 131.85	Initial Hydro Open To Fi Shut-In(1) End Shut-Ir Open To Fi	o-static ow (1) n(1) ow (2) n(2)	
1000 9 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	GM Bre (can)							
20 20 20 20 20 20 20 20 20 20 20 20 20 2	ow Ber Fant				Gas	s Rates		
259 259 Changih (ii)	Recovery	Volume (bbi)				s Rates https://Pressur	n (psig) G	ias Rate (McDd)
29 29 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Recovery Desception GSOCWM OI 5% Gas 10	Volume (bx) % Water 35% N0.650%					n (paig) G	aa Rae (Mcitii)
20 20 Length (fi) 124.00	Recovery	Volume (bbi)					n (paig) G	sa Ran (McKil)
20 20 Length (fi) 124.00 992.00	Recovery Desception GSOCWM OI 5% Gas 10 GO Gas 20% OI 80%	Volume (bbi) % Water 35% N0.650% 13.92					n (paig) G	sa Ran (Mebit)

RILOBITE -	Palomino Petroleum Inc. 26-175-26W Ness KS							
TESTING, INC	4924 SE 84th St.	26-17S-26W Ness,KS Hilton Tokoi #2						
	New ton Kansas 67114+8827		Job Ticket: 63890 DST#:4					
	ATTN: Andrew Stenzel		Tes	st Start: 2	018.07.24 @) 15:59:00		
GENERAL INFORMATION:								
Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 17:54:17 Time Test Ended: 22:07:02	ft (KB)		Tes	ster:	Conventiona Ken Swinne 72		(hitial)	
Interval: 4406.00 ft (KB) To 442 Total Depth: 4422.00 ft (KB) (TVE Hole Diameter: 7.88 inchesHole C))		Rai	(erence B	avations: to GR/CF:	2430.0)ft(KB))ft(CF))ft	
Serial #: 8322 Inside								
Press@RunDepth: 89.63 psig @ Start Date: 2018.07.24 Start Time: 15:59:01	2 4407.00 ft (KB) End Date: End Time:	2018.07.24 22:07:02	Capacity Last Cal Time On Time Off	ib.: Btm	2018.07.24 2018.07.24		2	
TEST COMMENT: IFP 30 Minutes Blov ISI 30 Minutes No b FFP 30 Minutes Blov FSI 30 Minutes No	olow back ow built to 2* blow back	r		05001		A (5)/		
EXE Pressure	5. 	Time	Pressure	Temp	RE SUMM			
		(Mn.) 0 1 32 62 63 92 122 122	(psig) 2225.26 23.35 68.79 1183.01 71.48 89.63 1172.77 2199.98		Initial Hydro Open To Fi Shut-In(1) End Shut-I Open To Fi	o-static iow (1) n(1) ow (2) n(2)		
e I		Gas Rates						
e 1 or W terrs (ran) (The Al 2886 Recovery		-			1.	n (psig) 🛛 G	ias R <i>ato</i> (Mcfid)	
a I. <u>- 18 - 16 - 16 - 16 - 16 - 16 - 16 - 16 </u>	Volume (bb) ater 85% 5902.18			Choka (i	nchks) Pressu			
The stand of the s				Choka (i	ncoka) Pressu			
The stand of the s				Choka (I				

Bent	Clyst Carb shale Carb shale Congl Dol		ROCK TY	m m m m Mrlst ■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■■	Shgy Sltst Ss Strill
ROP ROP (min/ft)					
	Misc	Depth	% Lithology	Geological Descriptions	DST
ROP (min/ft) 10		34			
Anhy. Anhy. 1767 (+668) 636)		3500 3450			
		3550			

