KOLAR Document ID: 1461901

Confiden	tiality Re	quested:
Yes	No	

SWD

EOR

GSW

Recompletion Date

Spud Date or

Dual Completion

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:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from Deast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.gxxx.xxxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	Lease Name: Well #:
Designate Type of Completion:	Field Name:
New Well Re-Entry Workover	Producing Formation:
	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
OG GSW CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
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)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls

Dewatering method used: ____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _			Lice	ense #:	
Quarter	_Sec	Twp	_S.	R	East West
County:		Perm	it #:		

AFFIDAVIT

Permit #: _____

Permit #: _____

Permit #: _____

Permit #: _____

Completion Date or

Recompletion Date

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

Date Reached TD

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: 1461901

Operator Name:	Lease Name: Well #:
Sec TwpS. 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	and Datum	Sample				
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	d		Type and	Percent Additives			
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	Water Bbls. Gas-Oil Ratio				Gravity		
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM					DUCTION INTERVAL: Bottom		
Vented Sold (If vented, Subn	Used on Lease		Open Hole		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)			Bollom			
Shots Per Perforation Perforation Bridge Foot Top Bottom Ty		Bridge Plug 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	REUSSER "C" 3
Doc ID	1461901

Tops

Name	Тор	Datum
Anhy.	1980	(+ 585)
Base Anhy.	2012	(+ 553)
Heebner	3876	(-1311)
Lansing	3916	(-1315)
ВКС	4220	(-1655)
Pawnee	4335	(-1770)
Ft. Scott	4420	(-1855)
Cherokee Sh.	4444	(-1879)
Miss.	4526	(-1961)
LTD	4626	(-2061)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	REUSSER "C" 3
Doc ID	1461901

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	209	Common	2% gel, 3% c.c.

QUALITY OILWELL CEMENTING INC.

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

REVEIVED

APR 20 2019

Date: 4/17/2019 Invoice # 1412

P.O.#: Due Date: 5/17/2019 Division: Russell

Contact: Palomino Petroleum Inc Address/Job Location:

4924 SE 84th Newton Ks 67114

Reference: REUSSER C 3 SEC 35-15-25

Description of Work: PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	lte	em	Quantity	Price	Taxable
Labor		\$ 675.02	Yes					
Common-Class A	144	\$ 2,244.32	Yes					
POZ Mix-Standard	96	\$ 508.42	Yes					Physical Republic
Premium Gel (Bentonite)	9	\$ 197.47	Yes					
Bulk Truck Matl-Material Service Charge	249	\$ 188.39	Yes					100 S. C. S. S.
Pump Truck Mileage-Job to Nearest Camp	30	\$ 102.14	Yes					
Flo Seal	60	\$ 90.79	Yes					
Bulk Truck Mileage-Job to Nearest Bulk Plant	30	\$ 79.44	Yes					
Dry Hole Plug	1	\$ 63.55	Yes					

Invoice Terms:			SubTotal:	\$ 4,149.53
Net 30		Discount Available <u>ONLY</u> if Invoic within lis	e is Paid & Received sted terms of invoice:	\$ (103.74)
		Sul	Total for Taxable Items:	\$ 4,045.79
		SubTota	al for Non-Taxable Items:	\$ -
			Total:	\$ 4,045.79
		8.00% Trego County Sales Tax	Tax:	\$ 323.66
Thank You For Your	Business!		Amount Due:	\$ 4,369.45
			Applied Payments:	
			Balance Due:	\$ 4,369.45
Past Due Invoices are sub	ject to a service charge	e (annual rate of 24%)		

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.

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Location & Pytency 205 CCRP 9/0 1/25 US Lease Reasser C Well No. 3 Owner Contractor U/10 # 2 To Contractor V Pytence Contract	Date 4-17-19 3	35 18 25	Tread	KS	n pravidenský krále o právní Michael Mickelsky	10:45A.m
Lease Contractor Well No. 3 Owner Contractor Will State The Job Korsey Plus The Job Korsey Plus To Quality Oliveil Comenting, Inc. You are hereby requested to rent cementing equipment and turnish coment and John To A 15 90 Charge Tallowing Telloving Care Tallowing Telloving Care Tallowing Telloving To Quality Oliveil Comenting and the first Care Tallowing Telloving To Quality Oliveil Comenting and the satisfaction and supprison of owner agent or contract Coment Let in Csg. Depth The above was done to satisfaction and supprison of owner agent or contract Coment Let in Csg. Common / 4/4/ Pumptry No. Halper Care Plane EQUIPMENT Common / 4/4/ Pumptry No. Halper Care Plane Buildrik No. Diriver Di	an Welsoneda'' no stor	o Pleastas de componenti p	·····································	1.1. 205 M	DA QUALLAD	2 11/2 G C Stup
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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

RECEIVED APR 15 2019

Contact: Palomino Petroleum Inc Address/Job Location:

4924 SE 84th Newton Ks 67114

Reference: REUSSER C 3 SEC 35-15-25

Description of Work: SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable		ltem	Q	uantity	Price	Taxable
Labor		\$ 675.02	No						
Common-Class A	120	\$ 1,870.26	Yes						1
Calcium Chloride	7	\$ 296.58	Yes						1.1111.0
POZ Mix-Standard	30	\$ 158.88	Yes						
Bulk Truck Matl-Material Service Charge	160	\$ 121.05	No						ordest Truck By
Pump Truck Mileage-Job to Nearest Camp	30	\$ 102.14	No						
Bulk Truck Mileage-Job to Nearest Bulk Plant	30	\$ 79.44	No						
Premium Gel (Bentonite)	3	\$ 65.82	Yes						

Invoice Terms:		SubTotal:	\$ 3,369.20
Net 30	Discount Available <u>ONLY</u> if Inv withi	voice is Paid & Received in listed terms of invoice:	\$ (84.23)
		SubTotal for Taxable Items:	\$ 2,331.76
	Sub	Total for Non-Taxable Items:	\$ 953.21
		Total:	\$ 3,284.97
	8.00% Trego County Sales Tax	Tax:	\$ 186.54
Thank You For Your Business!		Amount Due:	\$ 3,471.51
		Applied Payments:	
		Balance Due:	\$ 3,471.51
Past Due Invoices are subject to a service charge	e (annual rate of 24%)		

This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

Date: 4/10/2019 Invoice # 1407

P.O.#: Due Date: 5/10/2019 Division: Russell

QUAL	ITY	CILW Fede	/EL ral Tax	LC 1.D.# 20	EME			С.
Phone 785-483-2025 Cell 785-324-1041	n ga carra b	Iome Office	P.O. B	ox 32 R	ussell, KS 6	7665	No.	1407
Se	c. Twp.	Range	Classic C	County	State		On Location	Finish
Date 4.10.19 3-	515	25	TA	ao	KS	leogra -	Harating di pena	8:30m
view for the ten to start	s production for	u u apres des 191	Locatio	on 4 Jakee	nal 205	CCRO	100 160,	eg 7:25
Lease Rausser C	Miner (1999) 2. Station	Well No. S	Neurodi Neurodi	Owner	7	e presente de Notes de la composition	er e valer mendelse Ster valer meddes	Winto
Contractor WW#2	$F\left(\hat{\Omega} \in \mathbb{N}^{d}\right)$	schute (* 1903)	$\left\langle \left(\left(T\right) \right) \right\rangle \right\rangle$	To Quality	Oilwell Cement	ting, Inc.	menting equipmen	t and furnich
Type Job Swface	5388, 2112, 117	1019A/11910-93	भूषः स्वप्रस् स	cementer	and helper to a	ssist owner	or contractor to de	o work as listed.
Hole Size 121/4	T.D.	209	30ft# 16	Charge To	Palomin	o Pe	troleum	$(1,\gamma) \in \mathbb{C}^{n+1} \to \mathbb{A}_{p^{(n)}}$
Csg. 8 518	Depth	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	2011 - 14 A.	Street		Mir Earris an Na N		
Tbg. Size	Depth	ean jùdes	sti na	City	10 11 11	an garage	State	
Tool	Depth	9042 - 1. 2. 201 - 1.1 1		N 41 . 10	was done to satis	faction and	supervision of owner	agent or contractor.
Cement Left in Csg. 10	Shoe .	Joint		Cement A	mount Ordered	1.500	20 3-112	2. 642
Meas Line	Displa	101/5	2	en appende an en		1-1		
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Pumptrk 20 No. Cementer Helper	naig			Poz. Mix	20			
Bulktrk No. Driver	TENS			Gel. 3	All de la composition de la composition La composition de la c	e e constante Reference a	ander der eine eine state der eine s The state der eine stat	
Bulktrk 14 No. Driver	Tai2	Strain Station	in de la <u>t</u> e	Calcium	7 10.4 10 10 10 1		n sa na an an an	ARC (P) a
JOB SERVIC	ES & REM	ARKS	anna e Staissaa	Hulls	CALLO DE SA	n an tha	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Correction -
Remarks:	n tel a sel	ed to state	(140)0	Salt	C. C. Galerine and	i nagi ku s	પ્રકારને સંગ્રેટ છે. જે લો	stern of the more
Rat Hole	ilian an ann an Sciùrachan	antio acciante de Galeria data de	ल कियुत र ए हे. फलकर है.	Flowseal	a dalaman dalama Malaman dalaman	rat dan	n na man serena an Nasharar (na h	netiki seningi si
Mouse Hole		CARD C A SUBJECT AND		Kol-Seal				
Centralizers	Partoria (117)	्रस्य प्रमुख स्वीत्र हो।	COLOR STOR	Mud CLR	48	tel di	CONTRACTOR IN	ingen in dan di sinte Sinte dal Internationality
Baskets	- againstata	en en en en en en en en	n kapila	Stink . w. Ini	r CD110 CAF 3	8	and the second	i secto (primite)
D/V or Port Collar		30.00000000000000000000000000000000000	<u>gisinişinir</u> İmanifiki	Sand		ting to the second		
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Mix 150 skd Dis	Nhee.	- Chropie		Mileage	10.00			
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ament	Cinh	elisient		Guide Sho	e			- (°-
				Centralizer	****	un ann a		ater strates
enderstaller hjärste stander at 1999.	al Agenta d		The set	Baskets		an in the		
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110	/V*			Latch Dow				
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	and and and a			Mileage 5	30	<u></u>		
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X Signature	1/1		<u> </u>	akender i Sir 1. Sein Markel	an a	an ann an Air Mar Sailtean	Total Charge	n digen en gebreek en ee
- m c	VM	/]				0-1	



DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114+8827

ATTN: Andrew Stenzel

Reusser C #3

35-15S-25W Trego,KS

 Start Date:
 2019.04.15 @ 23:08:00

 End Date:
 2019.04.16 @ 05:14:02

 Job Ticket #:
 65659
 DST #: 1

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

RILOBITE	DRILL STEM TES						
TESTING , INC.			35-1	55-250	V Trego,l	KS	
	4924 SE 84th St New ton, KS 67114+8827			I sserC Ficket: 65		DST#:	1
	ATTN: Andrew Stenzel)19.04.15 @		
GENERAL INFORMATION:							
Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 01:13:17 Time Test Ended: 05:14:02	ft (KB)		Test Teste Unit N	er: I	Conventiona Ken Sw inne 72	al Bottom Ho ey	ole (Initial)
Interval: 4468.00 ft (KB) To 45 Total Depth: 4543.00 ft (KB) (T∨ Hole Diameter: 7.88 inchesHole	(D)		Refe		evations: o GR/CF:		ft (KB) ft (CF) ft
Serial #: 8365 Inside Press@RunDepth: 35.70 psig 35.70 psig Start Date: 2019.04.15 23:08:01	 4469.00 ft (KB) End Date: End Time: 	2019.04.16 05:14:02	Capacity: Last Calib. Time On B Time Off E	itm: 2	2019.04.16	2019.04.16 @ 01:12:47 @ 03:15:02	
TEST COMMENT: IF 30 Minutes/ BI ISI 30 Minues/ N FF 30 Minues/ D FSI 30 Minutes/ 1 Pressure vs. 13	o blow back ead no blow / Flush tool no help No blow back	T					
TIESSILE VS. IT 505 Presure	100C 5305 Tempenáre	Time	PRI	Temp	E SUMM		
	Tal.	(Min.)	(psig)	(deg F)			
2000		0	2257.29 25.15		Initial Hydro Open To F		
1730		30	25.15		Shut-In(1)	low (1)	
1500		60	356.09		End Shut-li	n(1)	
		61	30.80	and the second second second	Open To F		
				115 2/1	Shut-In(2)		
		91	35.70		End Chut I	n(2)	
700		91 121 123	35.70 178.37 2218.05	115.84	End Shut-li Final Hydro	. ,	
₹		121	178.37	115.84		. ,	
		121	178.37	115.84		. ,	
		121	178.37	115.84 117.09		. ,	7
789 290 200 200 200 200 200 200 20		121	178.37	115.84 117.09	Final Hydro	o-static	as Rate (Mcf/d)
700 200 200 200 200 200 200 200		121	178.37	115.84 117.09 Gas	Final Hydro	o-static	as Rate (Mct/d)
200 200 200 200 200 200 200 200	- 70 - 70 - 00 - 50 - 50 - 50 - 50 - 50 - 50 - 5	121	178.37	115.84 117.09 Gas	Final Hydro	o-static	as Rate (Mcf/d)
750 250 250 250 250 250 250 250 2	- 70 - 70 - 00 - 50 - 50 - 50 - 50 - 50 - 50 - 5	121	178.37	115.84 117.09 Gas	Final Hydro	o-static	as Rate (Mct/d)

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RILOBITE	DRILL STEM TES	TREP	ORT				
	Palomino Petroleum Inc		35-	15S-25V	V Trego,	KS	
ESTING , INC	4924 SE 84th St New ton, KS 67114+8827			usserC			
				Ticket: 65		DST#	:1
	ATTN: Andrew Stenzel		les	t Start: 20)19.04.15 (23:08:00	
GENERAL INFORMATION:							
Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 01:13:17 Time Test Ended: 05:14:02	ft (KB)		Tes Tes Unit	ter:	Convention Ken Sw inn 72	al Bottom H ey	ole (Initial)
Interval:4468.00 ft (KB) To45Total Depth:4543.00 ft (KB) (The Diameter:7.88 inches Hole			Refe	erence Ele KB t	evations: to GR/CF:	2560.00) ft (KB)) ft (CF)) ft
Serial #: 6755OutsidePress@RunDepth:180.63 psigStart Date:2019.04.15Start Time:23:08:01TEST COMMENT:IF 30 Minutes/ B	End Date: End Time:	2019.04.16 05:14:02	Capacity Last Calil Time On Time Off	b.: Btm: 2		2019.04.16 @ 01:12:32 @ 03:15:02	2
ISI 30 Mintues/ I FF 30 Mintues/ I FSI 30 Minutes/	lo blow back Dead no blow / Flush tool no help No blow back						
Pressure vs. T	ime 6755 Tempenäre	Time	PF Pressure	RESSUR Temp	RE SUMN		
220	123	(Min.)	(psig)	(deg F)			
		0	2253.40 20.23	115.69 115.19			
1730		31	26.38	116.59	. ,		
		60 61	357.20 28.60	117.27 117.27	End Shut- Open To F		
		91	34.80	118.26	Shut-In(2)		
		122 123	180.63 2226.18		End Shut- Final Hydr		
47 295 50 Lie Time βlant)	34M						
Recovery				Gas	s Rates		
Length (ft) Description	Volume (bbl)			Choke (ir	nches) Pressu	ure (psig) G	as Rate (Mcf/d)
30.00 OSW O 2% M 98%	0.15						

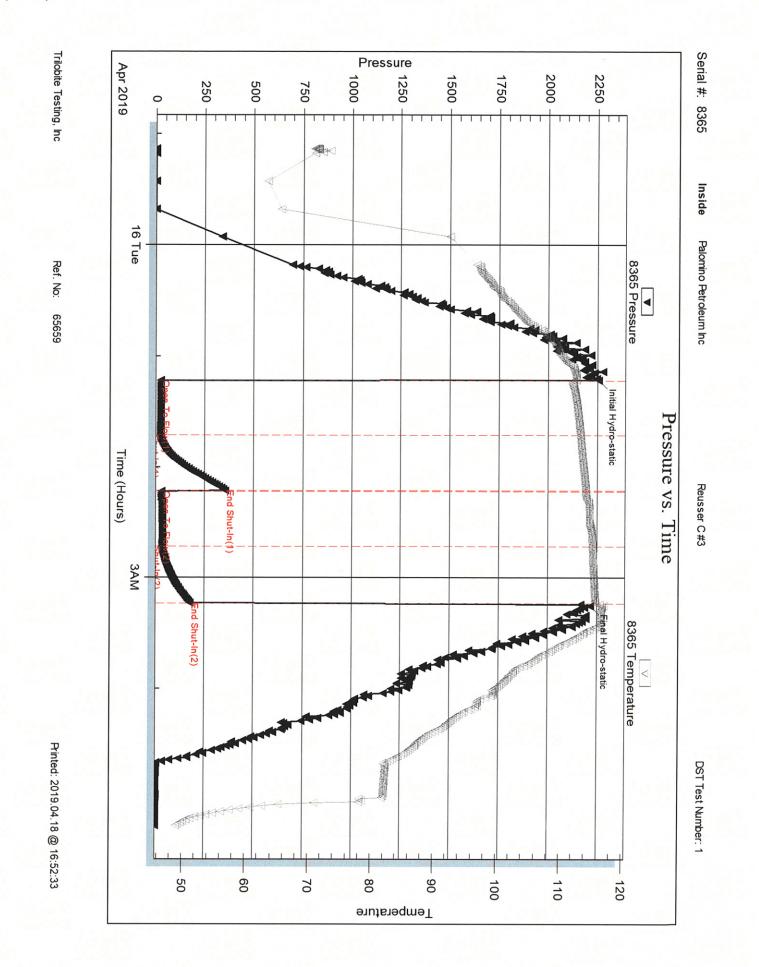
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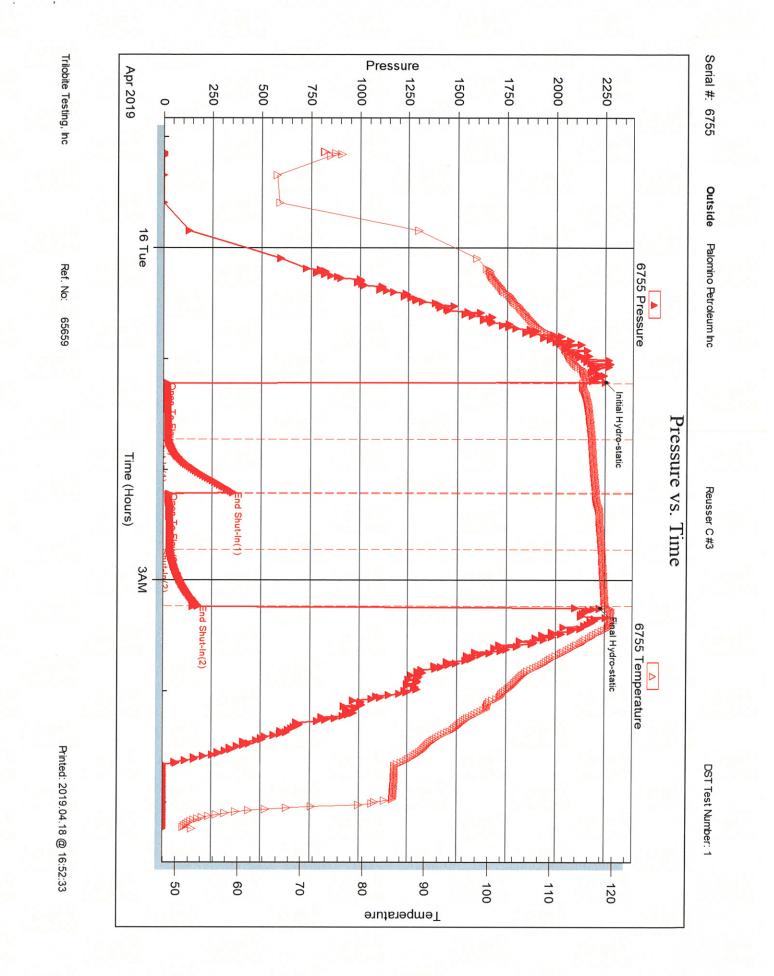
BITTELE OT LINT FLOT RELIGIENED Palomino Petroleum Inc Palomino Petroleum Inc 4924 SE 84th St New ton, KS 67114+8827 ATTN: Andrew Stenzel Tool Information Drill Pipe: Length: 4331.00 ft Diameter: 0.00 inches Volume: 60.75 bbl Heavy Wt. Pipe: Length: 120.00 ft Diameter: 2.25 inches Volume: 0.59 bbl Drill Pipe Above KB: 11.00 ft Total Volume: 61.34 bbl Depth to Top Packer: 4468.00 ft Total Volume: 61.34 bbl Depth to Bottom Packer: ft Interval betw een Packers: 74.61 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments: 102.61 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments: 5.00 4445.00 4456.00 4456.00 Shut-In Tool 5.00 4456.00 4466.00 Safety Joint 2.00 4468.00 4468.00 Recorder 1.00 8365 Inside 4468.00 Reco	35-15S-25W Trego,KS Reusser C #3 Job Ticket: 65659 DST#:1 Test Start: 2019.04.15 @ 23:08:00
New ton, KS 67114+8827 ATTN: Andrew Stenzel Tool Information Drill Pipe: Length: 4331.00 ft Diameter: 0.00 inches Volume: 60.75 bbl Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Drill Pipe Above KB: 11.00 ft Total Volume: 61.34 bbl Drill Pipe Above KB: 11.00 ft Total Volume: 61.34 bbl Drill Pipe Above KB: 11.00 ft Total Volume: 61.34 bbl Drill Pipe Above KB: 102.61 ft Total Volume: 61.34 bbl Depth to Bottom Packers: 2 Diameter: 6.75 inches Tool Length: 102.61 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments: 102.61 ft Sutt-In Tool 5.00 4445.00 4456.00 Shut-In Tool 5.00 4456.00 4456.00 4456.00 4468.00 4468.00 Safety Joint 2.00 4458.00 4468.00 4468.00 4468.00 4468.00 4468.00 4468.00 4468.00	Job Ticket: 65659 DST#:1
Tool Information Drill Pipe: Length: 4331.00 ft Diameter: 3.80 inches Volume: 60.75 bbl Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Drill Collar: Length: 120.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Drill Pipe Above KB: 11.00 ft Total Volume: 61.34 bbl Total Volume: 61.34 bbl Depth to Top Packer: 4468.00 ft Depth to Bottom Packer: ft Interval betw een Packers: 74.61 ft Tool Length: 102.61 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments: Tool Comments: Shut-In Tool 5.00 4445.00 Hydraulic tool 5.00 4450.00 Jars 6.00 4456.00 Safety Joint 2.00 4458.00 Packer 5.00 4468.00 Recorder 5.00 4468.00 Recorder 4468.00 Recorder Recorder 1.00 6755 Outside 4470.00 Anchor <th>Test Start: 2019.04.15 @ 23:08:00</th>	Test Start: 2019.04.15 @ 23:08:00
Drill Pipe:Length:4331.00 ftDiameter:3.80 inches Volume:60.75 bblHeavy Wt. Pipe:Length:0.00 ftDiameter:0.00 inches Volume:0.00 bblDrill Collar:Length:120.00 ftDiameter:2.25 inches Volume:0.59 bblDrill Pipe Above KB:11.00 ftTotal Volume:61.34 bblDepth to Top Packer:4468.00 ft4468.00 ftDepth to Bottom Packer:ftInterval betw een Packers:74.61 ftTool Length:102.61 ft102.61 ftNumber of Packers:2Diameter:6.75 inchesTool Comments:5.004445.00Hydraulic tool5.004456.00Jars6.004456.00Safety Joint2.004468.00Recorder5.004468.00Recorder1.006755Outside5.004468.00Recorder1.006755Outside4469.00Recorder1.006755Anchor36.004506.00	
Heavy Wt. Pipe:Length:0.00 ftDiameter:0.00 inches Volume:0.00 bblDrill Collar:Length:120.00 ftDiameter:2.25 inches Volume:0.59 bblDrill Pipe Above KB:11.00 ftTotal Volume:61.34 bblDepth to Top Packer:4468.00 ft4468.00 ftDepth to Bottom Packer:ftInterval betw een Packers:74.61 ftTool Length:102.61 ft102.61 ftNumber of Packers:2Diameter:6.75 inchesTool Comments:5.004445.00Hydraulic tool5.004450.00Jars6.004456.00Safety Joint2.004458.00Top Packer5.004463.00Packer5.004468.00Recorder1.008365InsideAdes.001.006755OutsideAdes.0036.004506.00	
Tool Length:102.61 ftNumber of Packers:2Diameter:6.75 inchesTool Comments:2Diameter:6.75 inchesTool DescriptionLength (ft)Serial No.PositionDepth (ft)Additional Additional Ad	Tool Weight:2000.00 lbWeight set on Packer:20000.00 lbWeight to Pull Loose:75000.00 lbTool Chased0.00 ftString Weight:InitialFinal60000.00 lb
Shut-In Tool 5.00 4445.00 Hydraulic tool 5.00 4450.00 Jars 6.00 4456.00 Safety Joint 2.00 4458.00 Top Packer 5.00 4463.00 Packer 5.00 4468.00 Recorder 1.00 8365 Inside 4469.00 Recorder 1.00 6755 Outside 4470.00 Anchor 36.00 4506.00 100 <td< td=""><td></td></td<>	
Hydraulic tool 5.00 4450.00 Jars 6.00 4456.00 Safety Joint 2.00 4458.00 Top Packer 5.00 4463.00 Packer 5.00 4468.00 Recorder 1.00 8365 Inside 4469.00 Recorder 1.00 6755 Outside 4470.00 Anchor 36.00 4506.00 100	cum. Lengths
Jars 6.00 4456.00 Safety Joint 2.00 4458.00 Top Packer 5.00 4463.00 Packer 5.00 4468.00 Recorder 1.00 8365 Inside 4469.00 Recorder 1.00 6755 Outside 4470.00 Anchor 36.00 4506.00 100	
Top Packer 5.00 4463.00 Packer 5.00 4468.00 Recorder 1.00 8365 Inside 4469.00 Recorder 1.00 6755 Outside 4470.00 Anchor 36.00 4506.00 4506.00	
Packer 5.00 4468.00 Recorder 1.00 8365 Inside 4469.00 Recorder 1.00 6755 Outside 4470.00 Anchor 36.00 4506.00 4506.00	
Recorder 1.00 8365 Inside 4469.00 Recorder 1.00 6755 Outside 4470.00 Anchor 36.00 4506.00	
Recorder 1.00 6755 Outside 4470.00 Anchor 36.00 4506.00	28.00 Bottom Of Top Packer
Anchor 36.00 4506.00	
Change Over Sub 1.00 4507.00	
Drill Pipe 31.61 4538.61	
Change Over Sub 1.00 4539.61	
Bullnose 3.00 4542.61	74.61 Anchor Tool
Total Tool Length: 102.61	

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		DRILL	STEM TEST F	REPOR	Г		FLUID S	UMMARY
	ILOBITE ESTING , INC.	Palomino Pet	roleum Inc		35-158-25	W Trego,KS		
	ESTING , INC.		h St 67114+8827		Reusser C	0.0470	DST#:1	
		ATTN: And	rew Stenzel			2019.04.15 @ 23		
Mud and Cushio	on Information							
Mud Type: Gel Che	em		Cushion Type:			Oil API:		deg API
Mud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:		ppm
	47.00 sec/qt		Cushion Volume:		bbl			
Water Loss: Resistivity:	9.58 in³ ohm.m		Gas Cushion Type: Gas Cushion Pressure	.	psig			
	00.00 ppm				paig			
Filter Cake:	1.00 inches							
Recovery Inform	nation							
		. 1	Recovery Table			1		
	Lengt ft		Description		Volume bbl			
		30.00 OSN	<i>V</i> O 2% M 98%		0.148	5		
	Total Length:	30.00 ft	Total Volume:	0.148 bbl				
	Num Fluid Samp		Num Gas Bombs:	0	Serial #:			
	Laboratory Nam Recovery Comm		Laboratory Locatio	n:				
Trilobite Testina. In			: 65659			2019 04 18 @		

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DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114+8827

ATTN: Andrew Stenzel

Reusser C #3

35-15S-25W Trego,KS

Start Date: 2019.04.16 @ 19:23:00 End Date: 2019.04.17 @ 02:41:02 Job Ticket #: 65660 DST #: 2

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		35-	158-25	N Trego,I	ĸs	
ESTING , INC	4924 SE 84th St New ton, KS 67114+8827			usser C Ticket: 6		DST#:	2
	ATTN: Andrew Stenzel				019.04.16 @		2
GENERAL INFORMATION:							
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:21:31:32Time Test Ended:02:41:02	ft (KB)		Tes	ter:	Conventiona Ken Swinne 72		Initial)
Interval:4540.00 ft (KB) To45Total Depth:4626.00 ft (KB) (TVHole Diameter:7.88 inchesHole	(D)		Ref	erence El	evations: to GR/CF:		ft (KB) ft (CF) ft
Serial #: 8365 Inside Press@RunDepth: 134.57 psig Start Date: 2019.04.16 Start Time: 19:23:01	 4540.00 ft (KB) End Date: End Time: 	2019.04.17 02:41:02	Capacity Last Calii Time On Time Off	b.: Btm:	2019.04.16 2019.04.17	-	(
TEST COMMENT: IF 30 Minutes/ BI ISI 30 Minutes/ N FF 60 Minutes/ E FSI 60 Minutes/ I	o blow back low built to 10" No blow back	1					
Pressure vs. To 8005 Pressure	me 5305 Tempenkre				RE SUMM		
20 00 00 00 00 00 00 00 00 00	77 Wed 244	Time (Min.) 0 1 32 60 61 121 181 182	Pressure (psig) 2373.25 31.50 81.62 884.25 87.44 134.57 930.08 2327.79	116.10 122.03 122.42 122.24 124.65	Annotation Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2)	
Recovery				Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke (i	nches) Pressu	re (psig) G	as Rate (Mcf/d)
258.00 MW w /show oil/ M 10% V 10.00 FO/ O 100%	V 90% 2.53 0.14						

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RILOBITE			ORT			
	Palomino Petroleum Inc		35-15S	-25W Tre	go,KS	
ESTING , INC.			Reusse	er C #3		
	New ton, KS 67114+8827		Job Ticke	et: 65660	DST	Γ#: 2
	ATTN: Andrew Stenzel		Test Sta	t: 2019.04	.16 @ 19:23:0	00
GENERAL INFORMATION:						
Formation: Mississippi Deviated: No Whipstock: Time Tool Opened: 21:31:32 Time Test Ended: 02:41:02	ft (KB)		Test Typ Tester: Unit No:	e: Conve Ken Sv 72	ntional Stradd w inney	le (Initial)
nterval:4540.00 ft (KB) To4Total Depth:4626.00 ft (KB) (The constraint of the			Reference	e Elevation	2560	0.00 ft (KB) 0.00 ft (CF) 0.00 ft
Serial #: 6752Below (StradPress@RunDepth:psigStart Date:2019.04.16Start Time:19:23:01		2019.04.17 02:42:02	Capacity: Last Calib.: Time On Btm: Time Off Btm:		2019.04	psig .17
TEST COMMENT: IF 30 Minutes/ B ISI 30 Minutes/ N FF 60 Minutes/ FSI 60 Minutes/	No blow back Blow built to 10''	0				
Pressure vs. 7	inc 652 Terpendure				JMMARY	
200 200 200 200 200 200 200 200	TWed 3W	Time (Min.)	Pressure Te (psig) (de		notation	
Recovery				Gas Rate	es	
Length (ft) Description	Volume (bbl)		С	noke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
258.00 MV w /show oil/ M 10% v 10.00 FO/ O 100%	N 90% 2.53 0.14					

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RILOBITE	DRILL STEM TES	T REP	ORT				
	Palomino Petroleum Inc		35-	158-25	V Trego,	KS	
ESTING , INC.	4924 SE 84th St New ton, KS 67114+8827			usser C			2.12
				Ticket: 6		DST#	:2
	ATTN: Andrew Stenzel		lest	Start: 20	019.04.16 (@ 19:23:00	
GENERAL INFORMATION:							
Formation:MississippiDeviated:NoWhipstock:Time Tool Opened:21:31:32Time Test Ended:02:41:02	ft (KB)		Test Test Unit	er:	Conventior Ken Swinn 72	al Straddle ey	(Initial)
Interval: 4540.00 ft (KB) To 45 Total Depth: 4626.00 ft (KB) (TV 1000 ft (KB) (TV) Hole Diameter: 7.88 inchesHole	/D)		Refe	erence Ele	evations: to GR/CF:	2560.0	0 ft (KB) 0 ft (CF) 0 ft
				ND		5.0	0 11
Serial #: 6755 Outside Press@RunDepth: 927.63 psig Start Date: 2019.04.16 Start Time: 19:23:01	 4540.00 ft (KB) End Date: End Time: 	2019.04.17 02:41:02	Capacity: Last Calib Time On E Time Off I	o.: Btm:		2019.04.1 @ 21:31:02 @ 00:32:4	2
TEST COMMENT: IF 30 Minutes/ BI ISI 30 Minutes/ N FF 60 Minutes/ I FSI 60 Minutes/ I	lo blow back Blow built to 10''						
Pressure vs. T	me 6765 Tempeniare				RESUMN		
Director 200 Director 200 Di	005 Impedance 109 109 109 109 109 109 109 109	Time (Min.) 0 1 32 61 61 121 181 182	Pressure (psig) 2371.57 32.34 82.65 883.16 86.22 134.25 927.63 2329.91	119.59 124.93 125.63 125.53 127.84 127.82	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr	ro-static Flow (1)) In(1) Flow (2)) In(2)	
Recovery				Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke (i	nches) Press	ure (psig)	Sas Rate (Mcf/d)
258.00 MW w /show oil/ M 10% v 10.00 FO/ O 100%	V 90% 2.53 0.14						

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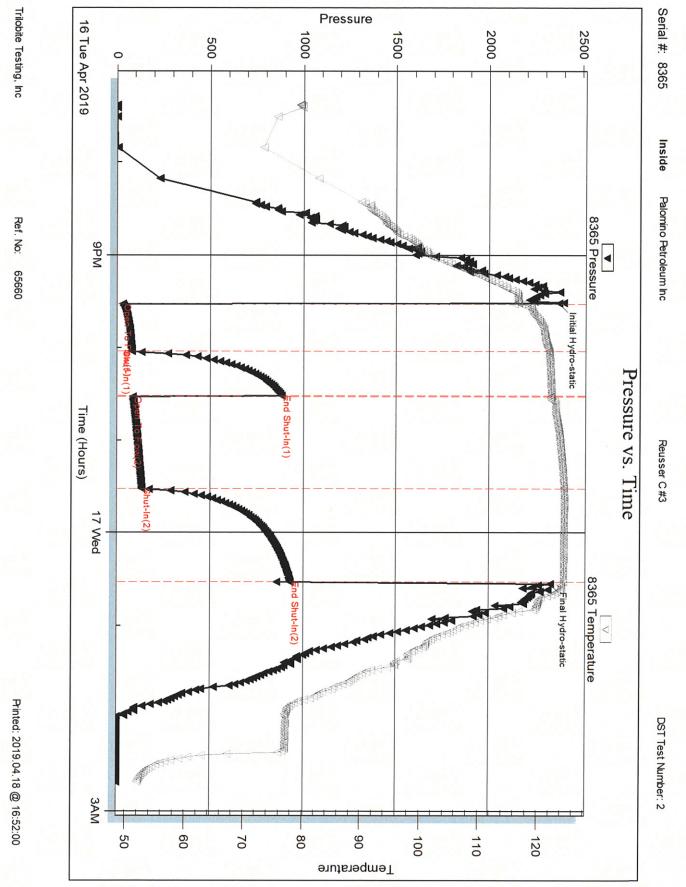
RILOE			o Petroleum	nc		35-15S-25W Trego	o,KS
ES1	TING , INC.	1021 55	E 84th St			Reusser C #3	
		4524 01	n, KS 67114-	+8827		Job Ticket: 65660	DST#: 2
			A malana Ota				
. Weath		ATTN:	Andrew Ste	enzel		Test Start: 2019.04.16	@ 19:23:00
Tool Information							
Drill Pipe: Length:	4429.00 ft	Diameter:	3.80 in	ches Volume:	62.13 bb	I Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00 in	ches Volume:	0.00 bb	Weight set on Packe	er: 20000.00 lb
Drill Collar: Length:	120.00 ft	Diameter:	2.25 in	ches Volume:	0.59 bb		e: 68000.00 lb
Drill Pipe Above KB:	32.70 ft			Total Volume:	62.72 bb		0.00 ft
Depth to Top Packer:	4540.00 ft					String Weight: Initial	
Depth to Bottom Packer:	4623.49 ft					Final	62000.00 lb
nterval betw een Packers:	83.49 ft						
Tool Length:	107.19 ft						
Number of Packers:	3	Diameter:	6.75 in	ches			
Tool Comments:							
· · · · · · · · · · · · · · · · · · ·	Ler		Serial No.	Position		Accum. Lengths	
Shut-In Tool	Ler	5.00	Serial No.	Position	4521.30	Accum. Lengths	
Shut-In Tool Hydraulic tool	Ler	5.00 5.00	Serial No.	Position	4521.30 4526.30	Accum. Lengths	
Shut-In Tool Hydraulic tool Jars	Ler	5.00 5.00 5.00	Serial No.	Position	4521.30 4526.30 4531.30	Accum. Lengths	
Tool Description Shut-In Tool Hydraulic tool Jars Safety Joint	Ler	5.00 5.00 5.00 2.00	Serial No.	Position	4521.30 4526.30 4531.30 4533.30	Accum. Lengths	
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer	Ler	5.00 5.00 5.00 2.00 5.00	Serial No.	Position	4521.30 4526.30 4531.30 4533.30 4538.30		
Shut-In Tool Hydraulic tool Jars Safety Joint Fop Packer Packer	Ler	5.00 5.00 5.00 2.00 5.00 1.70			4521.30 4526.30 4531.30 4533.30 4538.30 4540.00	Accum. Lengths 23.70	Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder	Ler	5.00 5.00 5.00 2.00 5.00 1.70 0.00	8365	Inside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Fop Packer Packer Recorder Recorder		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00			4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00	8365	Inside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Fop Packer Packer Recorder Recorder Recorder Anchor Blank Off Sub		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00	8365	Inside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4563.00		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Fop Packer Packer Recorder Recorder Anchor Blank Off Sub Packer (Interval Side)		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80	8365	Inside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4563.00 4563.00		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Fop Packer Packer Recorder Recorder Anchor Blank Off Sub Packer (Interval Side) Packer (Tail Side)		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80 1.75	8365	Inside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4563.00 4565.80 4567.55		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Recorder Anchor Blank Off Sub Packer (Interval Side) Packer (Tail Side) Perforations		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80 1.75 5.00	8365 6755	Inside Outside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4563.00 4565.80 4567.55 4572.55		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Fop Packer Packer Recorder Recorder Anchor Blank Off Sub Packer (Interval Side) Packer (Tail Side) Perforations Recorder		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80 1.75 5.00 0.00	8365	Inside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4563.00 4563.00 4565.80 4567.55 4572.55		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Fop Packer Packer Recorder Recorder Anchor Blank Off Sub Packer (Interval Side) Packer (Tail Side) Perforations Recorder Change Over Sub		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80 1.75 5.00 0.00 0.85	8365 6755	Inside Outside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4562.00 4565.80 4565.80 4567.55 4572.55 4572.55 4572.55		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor Blank Off Sub Packer (Interval Side) Packer (Tail Side) Perforations Recorder Change Over Sub Drill Pipe		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80 1.75 5.00 0.00 0.85 31.94	8365 6755	Inside Outside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4562.00 4565.80 4565.80 4567.55 4572.55 4572.55 4573.40 4605.34		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer Recorder Recorder Anchor Blank Off Sub Packer (Interval Side) Packer (Tail Side) Packer (Tail Side) Perforations Recorder Change Over Sub Drill Pipe Change Over Sub		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80 1.75 5.00 0.00 0.85 31.94 1.15	8365 6755	Inside Outside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4563.00 4565.80 4567.55 4572.55 4572.55 4572.55 4573.40 4605.34 4606.49		Bottom Of Top Packer
Shut-In Tool Hydraulic tool Jars Safety Joint Top Packer Packer		5.00 5.00 5.00 2.00 5.00 1.70 0.00 0.00 22.00 1.00 2.80 1.75 5.00 0.00 0.85 31.94	8365 6755	Inside Outside	4521.30 4526.30 4531.30 4533.30 4538.30 4540.00 4540.00 4540.00 4562.00 4562.00 4565.80 4565.80 4567.55 4572.55 4572.55 4573.40 4605.34		Bottom Of Top Packer

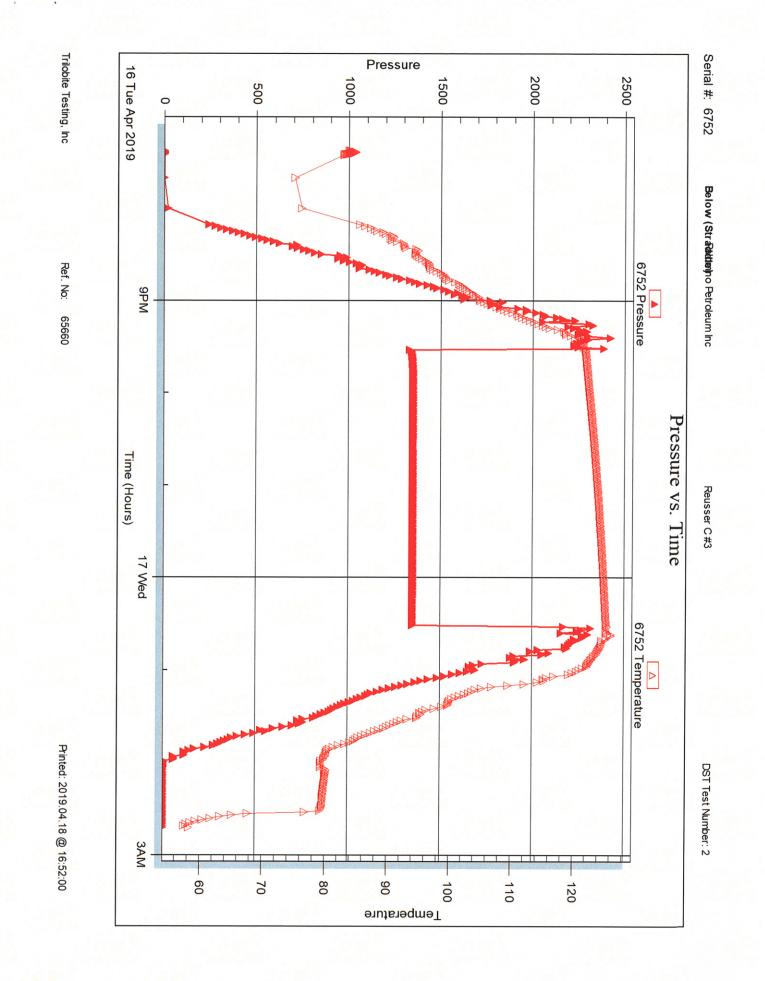
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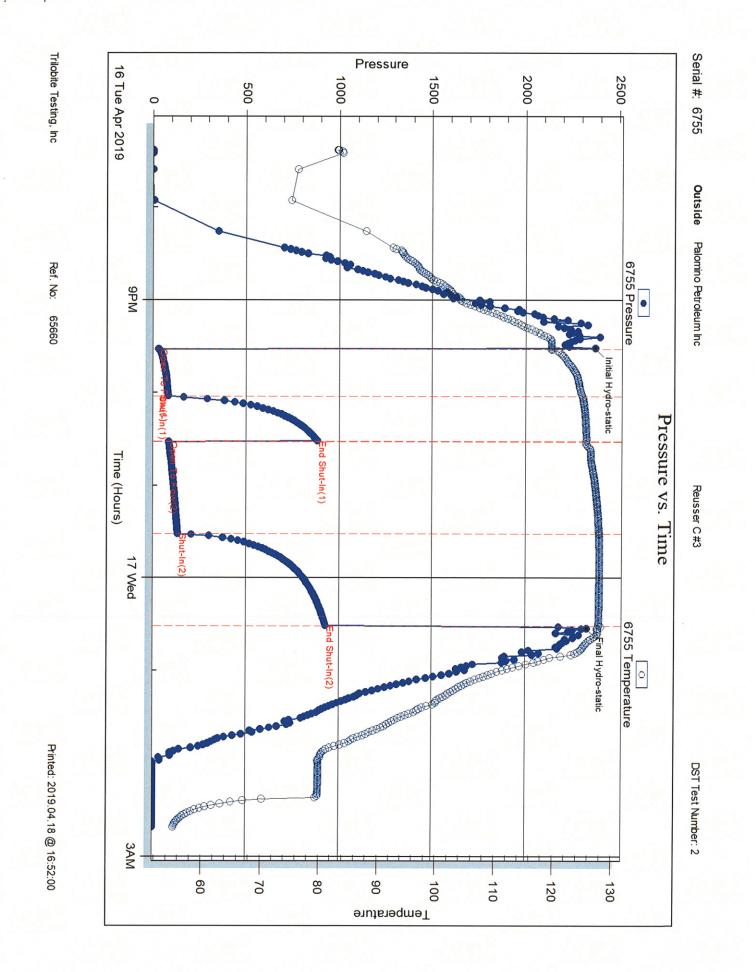
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	RILOB	ITE		LL O		REFUR			FLUID SUN	IMAR	
		ING , INC	raiomir				35-158-25	W Trego,KS			
	 E011		10210	SE 84th S n, KS 67	6t 7114+8827		Reusser C		DST#: 2		
			ATTN:	Andrev	w Stenzel			2019.04.16 @ 1			
lud and Cu	ushion Info	ormation	ļ								
lud Type: G	Gel Chem				Cushion Type:			Oil API:	de	g A Pl	
lud Weight:	9.00 lb	o/gal			Cushion Length:		ft	Water Salinity:	20000 pp	om	
iscosity:	53.00 s	ec/qt			Cushion Volume:		bbl				
later Loss:	10.39 ir	1 ³			Gas Cushion Type:						
esistivity:		hm.m			Gas Cushion Press	ure:	psig				
alinity:	6000.00 p										
ilter Cake:	1.00 ir										
ecovery In	nformation				Recovery Table						
		Leng			Description		Volume]			
		ft				00%	bbl	-			
			258.00 10.00	FO/ 0	/show_oil/ M 10% W	90%	2.526	1			
							0.140	1			
	Tota	al Length:	268	.00 ft	Total Volume:	2.666 bbl					
	Nur	n Fluid Samp	oles: 0		Num Gas Bombs	: 0	Serial #:				
	Lab	oratory Nan	ne:		Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery l		tion:	Serial #				
	Lab	oratory Nan	ne:	covery l	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	ecovery I	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #.				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #.				
	Lab	oratory Nan	ne:	ecovery I	Laboratory Loca	tion:	Serial #.				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #.				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #.				
	Lab	oratory Nan	ne:	covery I	Laboratory Loca	tion:	Serial #.				
	Lab	oratory Nan	ne:	covery I	Laboratory Loca	tion:	Serial #				
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	Lab	oratory Nan	ne:	covery I	Laboratory Loca	tion:	Serial #				
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	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #				
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	Lab	oratory Nan	ne:	covery I	Laboratory Loca	tion:	Serial #				
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	Lab	oratory Nan	ne:	covery I	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery I	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery I	Laboratory Loca	tion:	Serial #				
	Lab	oratory Nan	ne:	covery	Laboratory Loca	tion:	Serial #				

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	RILOBITE ESTING INC 1515 Commerce Parkwa		1	Tes NO.	t Ticket	
	Reusser C #					South and the second second second
Company_Pala		Inc	Contraction of the second			<u>60</u> GL
Address 4924		+ Newton 1				
Co. Rep / Geo	Contractor and the second s	CONTRACTOR OF STREET, ST				11.0
Location: Sec.	<u>35</u> Twp <u>155</u>	RgeSW	_Co/re	90	State	A
Interval Tested	4468-454=			mi		
Anchor Length	75	Drill Pipe Run	4331		Mud Wt	9.45
	4463		120		Vis	47
	4468	Wt. Pipe Run			WL	9.6
Total Depth	4543	Chlorides	00	ppm System	LCM	17
Blow Description 2	T Block by H.	to 1/4 inc	4			
IST NO	blow back					
FF Deac	no Spul Flush	tool no hi	e17			
FSI No	blow back					
Rec3_0	Feet of OSM		%gas	2 %oil	%water	78%mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec Total3	0 BHT 115	Gravity A	API RW		Chlorides	ppm
(A) Initial Hydrostatic_	2257	D Test 1300		T-On L	ocation	15 pm
(B) First Initial Flow	25	Jars 250		T-Start	ed	18 pm
(C) First Final Flow	25	Safety Joint	5	Т-Орег	n	9 11
(D) Initial Shut-In	356	Circ Sub			d_ <u>3.8</u>	am-
(E) Second Initial Flow	30	Hourly Standby			5:15	
(F) Second Final Flow		B Mileage /		Comm	ents	
(G) Final Shut-In		C Sampler				
(H) Final Hydrostatic_	2218	G Straddle			1 Tool	-
		G Shale Packer			ined Shale Packer	
Initial Open	30	C Extra Packer	And State States of the		ined Packer	
Initial Shut-In	7 4	Extra Recorder			tra Copies	
Final Flow		Day Standby			0	
Final Shut-In		Accessibility			1757	
		Sub Total 1757			ST Disc't	
				- C	1	

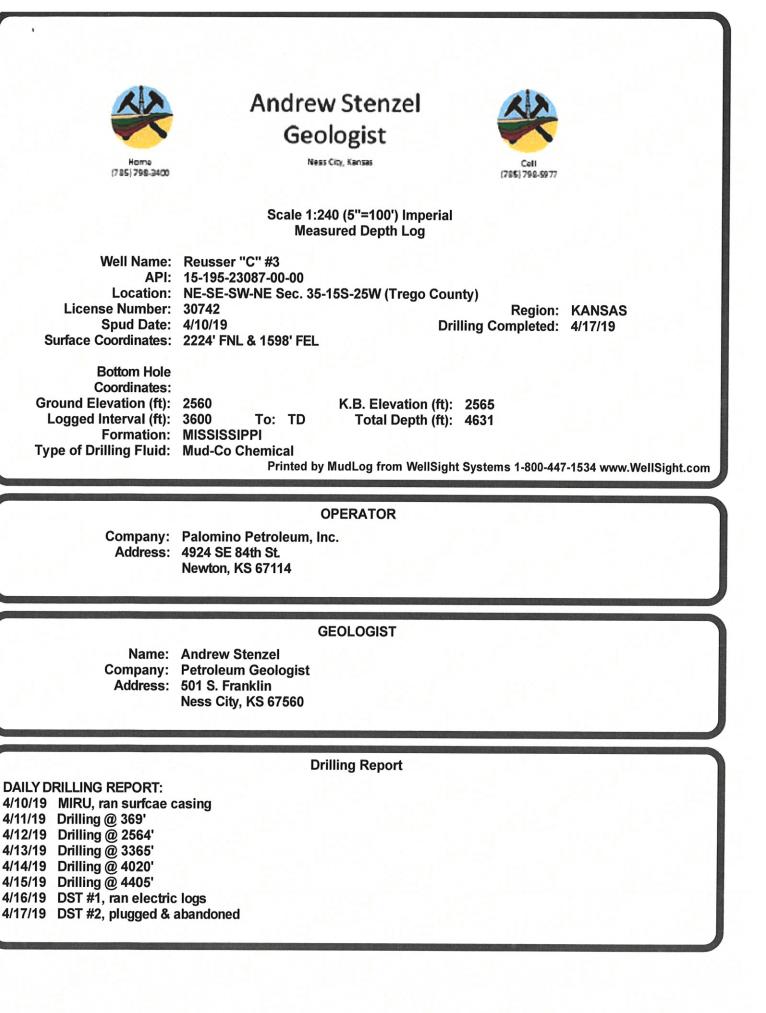
Approved By ____

Our Representative

Trilobile Testing Inc. shall not be liable 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 at cost by the party for whom the test is made.

	RILOBITE			Test Tick	et
4/10	ESTING INC. 1515 Commerce Parkway		1	NO. 656	560
Company Palom: Address 4924 Co. Rep / Geo. Andress Location: Sec. 3 Interval Tested 3 Anchor Length 3 Top Packer Depth 3 Bottom Packer Depth 3 Interval Tested 4 Top Packer Depth 3 Bottom Packer Depth 3 Total Depth 3 Blow Description 3 If SI No	1	Enc. Newton K. Rge. 25W Zone Tested Drill Pipe Run Drill Collars Run _ Wt. Pipe Run Chlorides 8 3rg ; nc	Elevation Elevation Rig Co Mississi HH29 120 000 ppm	<u>-565 KB</u> <u>114 + 518 27</u> <u>28</u> <u>28</u> <u>50</u> <u>50</u> <u>60</u> <u>70</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u> <u>80</u>	2560 GL tate <u>KS</u> 9.3 <u>5</u> 3 10.4
FSI No Rec. 10 F	built to 10 blow back eet of clean Oi eet of MW w/show	(an a	and the second	water %mud
	eet of		%gas	<u>%oil 90 %</u> %oil %	water 10 %mud
	eet of		%gas		water %mud
	eet of		%gas		water %mud
	8 внт /2.4	Gravity			
(A) Initial Hydrostatic	0777	DA Test 1300			7:00 pm
(B) First Initial Flow	7	X Jars 250		T-Started	7:23 pm
(C) First Final Flow	<i>.</i>	Safety Joint 75	5	T-Open	9:33 pm
(D) Initial Shut-In	11/11	Circ Sub		T-Pulled	12:33 am
(E) Second Initial Flow	45	Hourly Standby		T-Out	2:44 am
(F) Second Final Flow _	. 7.1	A Mileage /	122	Comments	
(G) Final Shut-In	020			der <u>milden som s</u>	
(H) Final Hydrostatic	7777	Straddla 600			
(h) Fillal hydrostalic	- 00 1	Ja Stradole			
	30	Shale Packer		Ruined Shale	Packer
Initial Open	30	Extra Packer		C Ruined Packer	
Initial Shut-In	60	Extra Recorder	6 0102 10		
Final Flow	(90)	Day Standby		Sub Total Total 2357	
Final Shut-In		Accessibility			
		Sub Total 2357		MP/DST Disc't	

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Services

RIG: WW Drilling, Rig #2

MUD: MUDCO LOGS: Gemini Wireline: CNDL, PE, DIL, ML

Casing Record

SURFACE Casing: Ran 5 jts new 8 5/8", 23# casing @ 209'

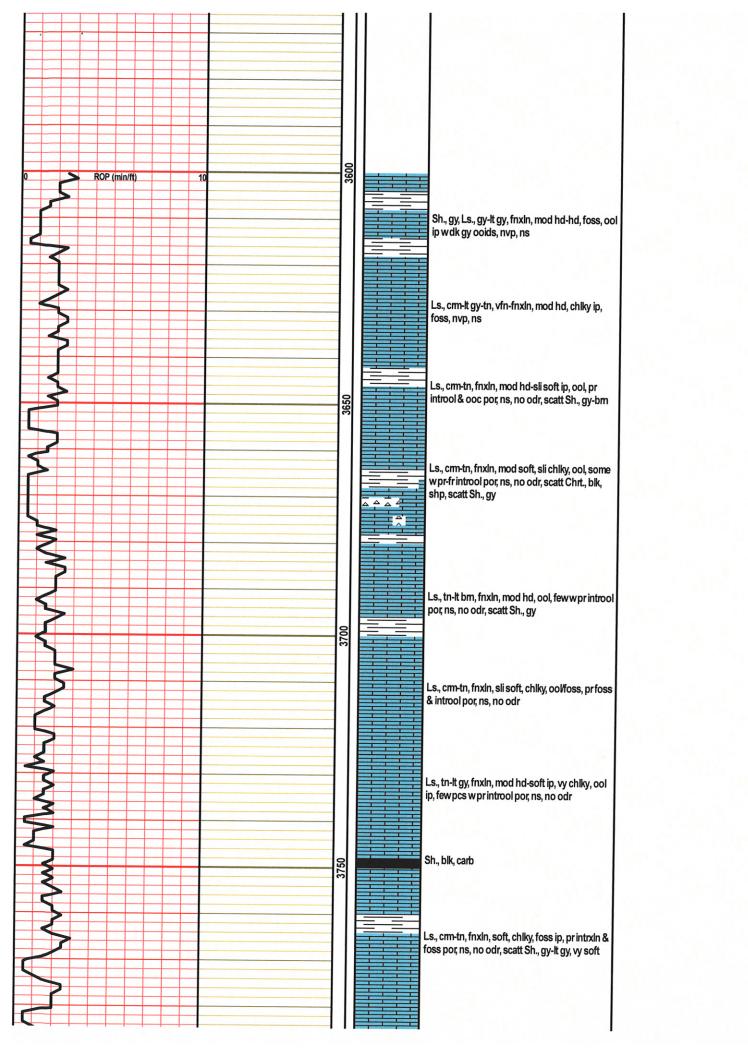
PRODUCTION Casing: None

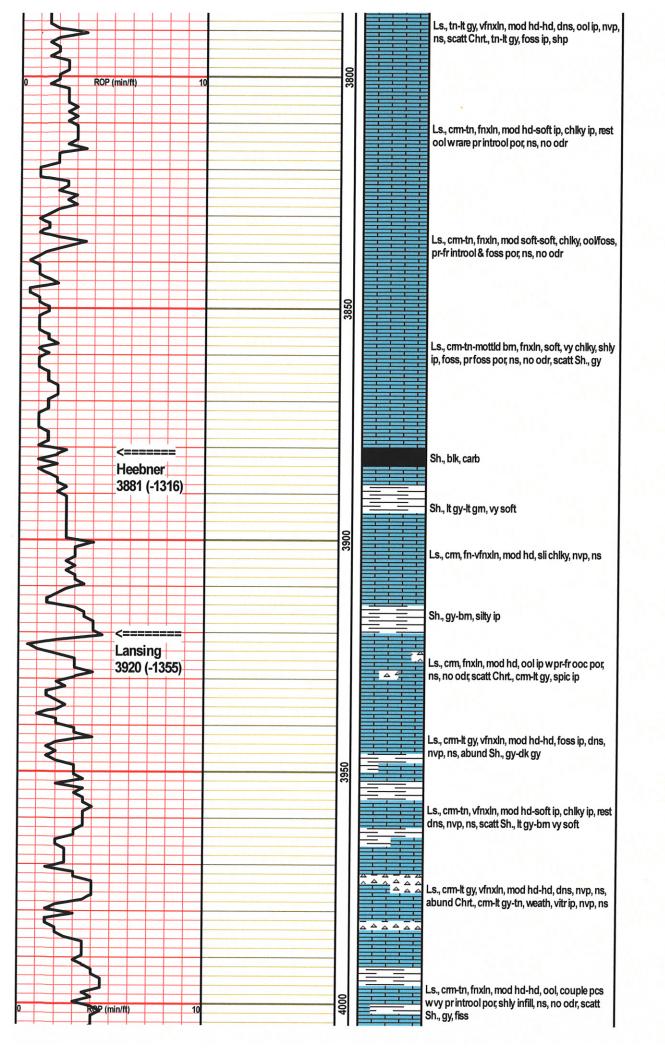
	Format	on Tops			
Sample T	ops	LogTops			
Anhy.	1985 (+580)	Anhy.	1980 (+585)		
Base Anhy.	2017 (+548)	Base Anhy.	2012 (+553)		
Heebner	3881 (-1316)	Heebner	3876 (-1311)		
Lansing	3920 (-1355)	Lansing	3916 (-1351)		
BKC	4218 (-1653)	BKC	4220 (-1655)		
Pawnee	4335 (-1770)	Pawnee	4335 (-1770)		
Ft. Scott	4423 (-1858)	Ft. Scott	4420 (-1855)		
Cher. Sh.	4448 (-1883)	Cher. Sh.	4444 (-1879)		
Miss.	4524 (-1959)	Miss.	4526 (-1961)		
RTD	4631 (-2066)	LTD	4626 (-2061)		

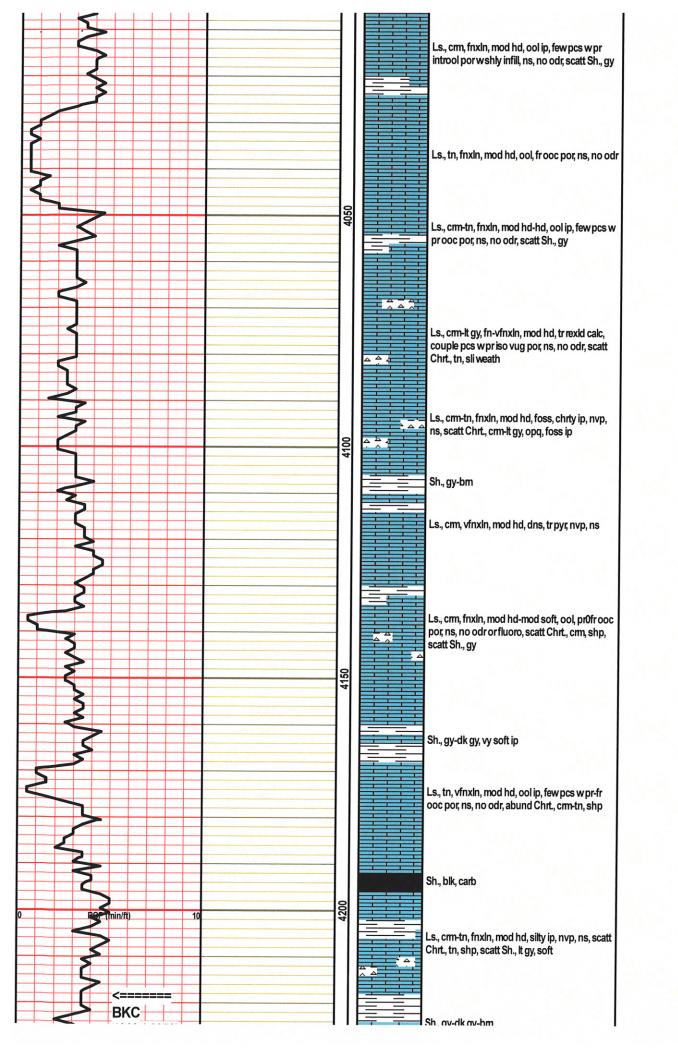
RILOBITE	Palomino Petroleum Inc		35	/158/25	N/Trego	
ESTING , INC	4924 SE 84th St New ton, Kansas			usser C		
	67114+8827		Job	Ticket: 6	5659	DST#:1
	ATTN: Andrew Stenzel		Tes	st Start: 2	019.04.15 @	23:08:00
GENERAL INFORMATION:						
Formation: Mississippi						
Deviated: No Whipstock:	ft (KB)					Bottom Hole (Initial)
Time Tool Opened: 01:13:17 Time Test Ended: 05:14:02					Ken Swinney 72 Hays/ 132	
Interval: 4468.00 ft (KB) To 45	43.00 ft (KB) (TVD)			ference B		2565.00 ft (KB)
Total Depth: 4543.00 ft (KB) (Th			1.01		seasons.	2560.00 ft (CF)
	Condition: Fair			KB	to GR/CF:	5.00 ft
Serial #: 8365 Inside						
Press@RunDepth: 35.70 psig	-		Capacity			psig
Start Date: 2019.04.15 Start Time: 23:08:01	End Date:	2019.04.16	Last Cal			019.04.16
Start Time: 23:08:01	End Time:	05:14:02	Time On Time Off		2019.04.16 @ 2019.04.16 @	-
FF 30 Minutes FSI 30 Minutes	s/ No blow back s/ Dead no blow / Flush tool no hel s/ No blow back	p	P	RESSUE	RE SUMMA	RY
EED Proners	6335- Ferependuet	Time	Pressure	Temp	Annotation	
2200	10	(Min.)	(psig)	(deg F)	741110404001	•
		0	2257.29		Initial Hydro-	
		1 30	25.15 25.99	112.23 113.34		w(1)
		60	356.09	114.20	End Shut-In((1)
		61	30.80	114.19		
	1 hay 1.	91	35.70	115.34	. ,	
2 1 1	3	121	178.37	115.84	End Shut-In(
		123	2218.05	117.09	Final Hydro-	static
· · · · · · · · · · · · · · · · · · ·	2464					
e i i i i i i i i i i i i i i i i i i i						
e future e f				Gas	s Rates	
200 Bro-Hanj	Volume (bbl)			Gas Choke (in		(psig) Gas Rate (Mcfid
Recovery	Volume (bbl) 0.15					(psig) Gas Rate (Mctid
Recovery Length (ft) Description						(psig) Gas Rate (McKd
Recovery Length (ft) Description						(psig) Gas Rate (Mcfid
Recovery Length (ft) Description						(psig) Gas Rate (Mc6d
Recovery Length (ft) Description						(psig) Gas Rate (Mctid

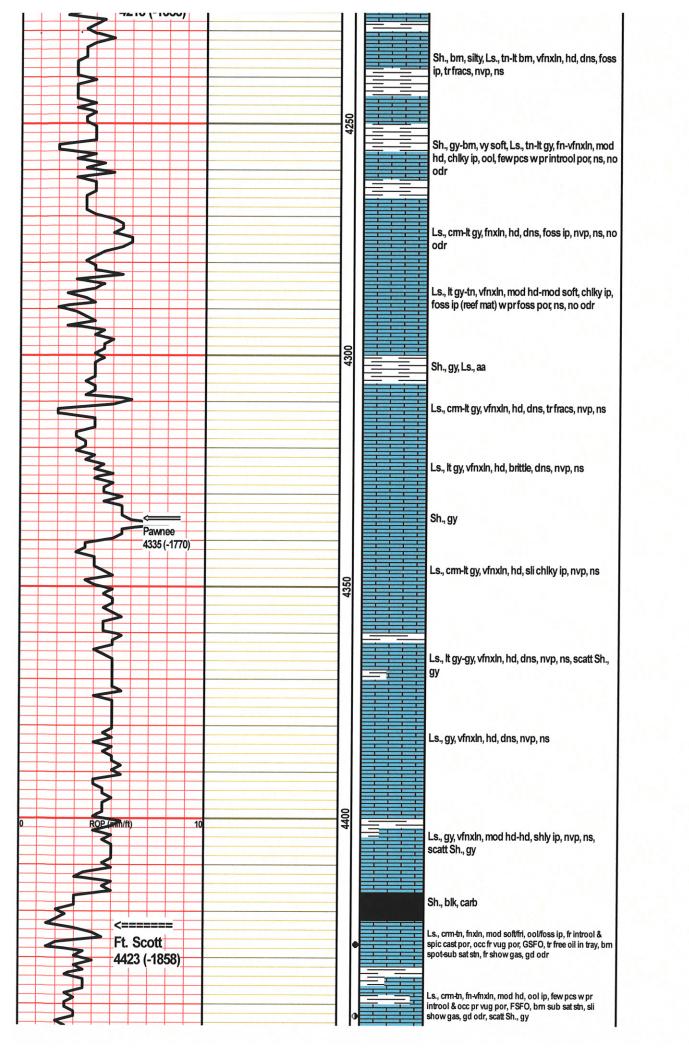
RILOBITE	DRILL STEM TES	ST REP	ORT				
	Palomino Petroleum Inc		35	158/25	N/Trego		
ESTING , INC	4924 SE 84th St		Re	usser C	#3		
	New ton, Kansas 67114+8827		Job	Ticket: 6	5660	DST#: 2	0
	ATTN: Andrew Stenzel		Tes	t Start: 20	019.04.16 @	@ 19:23:00	
GENERAL INFORMATION:							
Formation: Mississippi							
Deviated: No Whipstock:	ft (KB)					al Straddle (Ir	hitial)
Time Tool Opened: 21:31:32 Time Test Ended: 02:41:02					Ken Swinne 72 Hays/ 13		
Interval: 4540.00 ft (KB) To 45				erence Be			(+ (1/D)
Total Depth: 4626.00 ft (KB) (TV			P\B1	erence Be	evauons:	2565.00 2560.00	
Hole Diameter: 7.80 inchesHole				KB	to GR/CF:	5.00	
Serial #: 8365 Inside							
Press@RunDepth: 134.57 psig	@ 4540.00 ft (KB)		Capacity	:			psig
Start Date: 2019.04.16	End Date:	2019.04.17	Last Cali			2019.04.17	.
Start Time: 19:23:01	End Time:	02:41:02	Time On Time Off			@ 21:31:02 @ 00:32:47	
			THE OIL	Date	2015.04.11	@ 00.52.41	
	es/ Blow built to 8 3/4 inch						
	es/ No blow back es/ Blow built to 10 inch						
	es/No blow back						
Рознане ув. Т			PI	RESSUE	RE SUMM	ARY	
200 +	6325 Bergeraker	Time	Pressure	Temp	Annotati		
A start		(Min.)	(psig)	(deg F)			
	X	0	2373.25 31.50		Initial Hydro Open To F		
F 17		32	81.62	122.03		W(1)	
	<u> </u>	60	884.25	122.42		n(1)	
		61	87.44	122.24		low (2)	
		121 181	134.57 930.08	124.65 124.56		~(2)	
	V	182	2327.79		Final Hydro		
				c f			
The Ayr 200 The Ay				Gas	s Rates		
The Apr 280 Recovery Length (ft) Description	Volume (bbl)			Gas Choke (in		re (psig) Gas	Rate (Mc6id)
Recovery Length (ft) Description 258.00 MW w/show oil/ M 10% V	Volume (bbl) / 90% 2.53					re (psig) Gas	Rate (Mcf/d)
The Apr 280 Recovery Length (ft) Description	Volume (bbl)					re (psig) Gas	Rate (Mct/d)
Recovery Length (ft) Description 258.00 MW w/show oil/ M 10% V	Volume (bbl) / 90% 2.53					re (psig) Gas	Rate (Mctid)
Recovery Length (ft) Description 258.00 MW w/show oil/ M 10% V	Volume (bbl) / 90% 2.53					re (psig) Gas	Rate (Mc6d)
Recovery Length (ft) Description 258.00 MW w/show oil/ M 10% V	Volume (bbl) / 90% 2.53					re (psig) Gas	Rate (Mct/d)

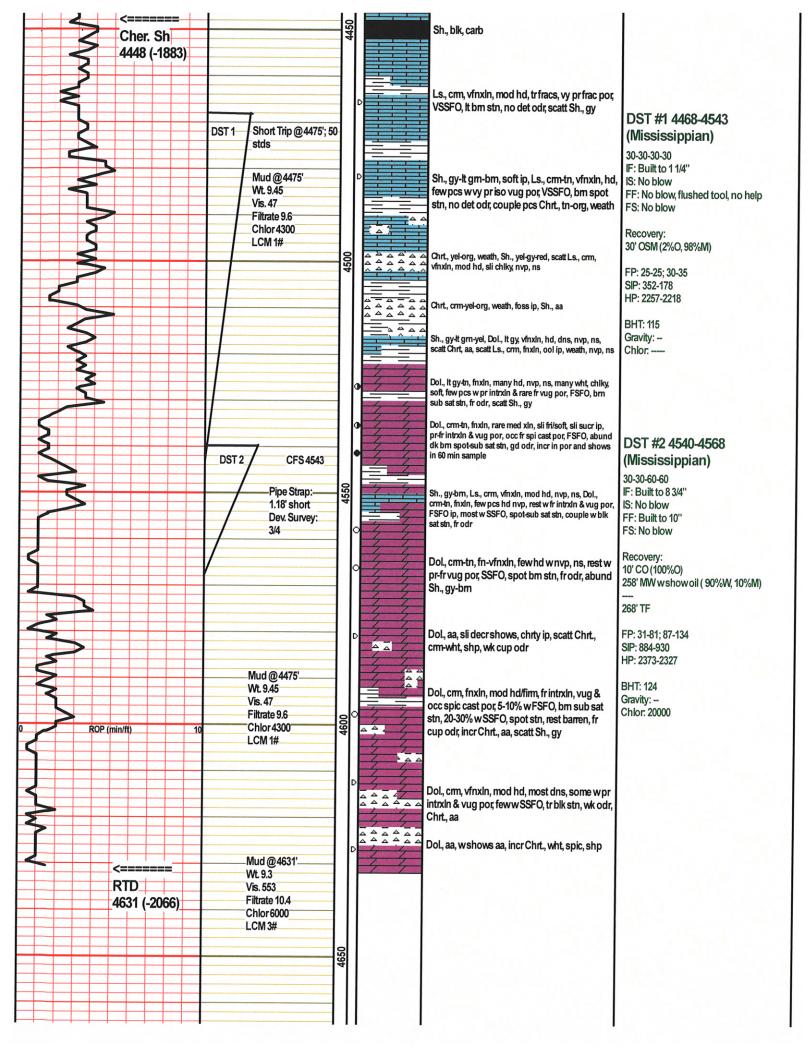
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ROP (min/ft)	ROP	Misc	September 2013	Geological Descriptions	DST
	ROP (min/ff) 10	1950	3450		
	Anhy. 1985 (+580) 	2000	3550		











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