KOLAR Document ID: 1411560

Confident	tiality Requested:
Yes	No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION Form ACO-1 January 2018 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
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.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	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 #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of huid disposa in nation offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date 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: 1411560

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 (Attach Additional Sheets)		Y	′es 🗌 No			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 Top Bottom	Туре	e of Cement	# Sacks Use	d		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
Vented Sold Used on Lease Open Hole (If vented, Submit ACO-18.)		Open Hole		-	·	nit ACO-4)	юр	Bollom	
		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	C & N ENTERPRISES 1
Doc ID	1411560

Tops

Name	Тор	Datum
Anhy.	2454	(+ 818)
Base Anhy.	2524	(+ 748)
Tarkio	3610	(- 338)
Topeka	3739	(- 467)
Heebner	3977	(- 705)
Toronto	3995	(- 723)
Lansing	4025	(- 753)
Muncie Creek	4200	(- 928)
Stark Sh.	4287	(-1015)
ВКС	4371	(-1099)
Marmaton	4429	(-1157)
Pawnee	4515	(-1243)
Myrick Station	4551	(-1279)
Ft. Scott	4572	(-1300)
Cherokee Sh.	4598	(-1326)
Morrow Sh.	4738	(-1466)
Miss.	4807	(-1535)
LTD	4979	(-1707)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	C & N ENTERPRISES 1
Doc ID	1411560

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.250	8.625	23	261	Common	2% gel, 3% c.c.

		S	
PRESSUR	PUMPING	nc	

QES Pressure Pumping LLC Dept:970

P.O.Box 4346 Houston, TX 77210-4346 RECEIVED P.O.Box884 MAY 2 5 2018 Chanute,KS 66720 620/431-9210,1-800/467-8676

MAIN OFFICE

Fax 620/431-0012

		Invoice#	813	3199	
Invoice Date: 05/22/18	Terms:	Net 30	Page	======= 1	
PALOMINO PETROLEUM, INC.					
4924 SE 84TH STREET NEWTON KS 67114-8827 USA		C&N ENTERPRISES 1			

=======================================		=======================================	===================		============================
Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0451	Cement Pump Charge 1501' - 3000'	1.000	1,900.0000	30.000	1,330.00
CE0002	Equipment Mileage Charge - Heavy Equipment	55.000	7.1500	30.000	275.28
CE0710	Cement Delivery Charge	1.000	1,158.8500	30.000	811.20
CC5829	Lite-Weight Blend V (60:40:4)	280.000	16.0000	30.000	3,136.00
CC6075	Celloflake	70.000	3.0000	30.000	147.00
				Subtotal	8,142.10
			Discounte	d Amount	2,442.63
			SubTotal After	Discount	5,699.47
			Amount		(L
=================				oue 8,540.75 If paid	after 06/21/18
				Tax:	279.06
				Total:	5,978.54
		=======================================	=======================================		

	ES		10-	<u>713</u> 04		TICKET NUM	Oghlar h	
PO Box 884,	RE PUMPING LLC , Chanute, KS 667 10 or 800-467-867		ELD TICKE	T & TREA CEMEN	TMENT REP T	and the second	ie #8131	
DATE	CUSTOMER #	WEI	LL NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-18-18	6285	CHN 2	Enterprises	E1	23	Iles	386	Wichits
CUSTOMER				Leot: 45	TRUCK #	DRIVER	TRUCK #	1.1.考试了1.10年7月
MAILING ADDRE	ESS			-Non Huy25 GaCRD	753	Trav. S W	TRUCK #	DRIVER
4924 SE	= 84th Str	ect		Easthork	580/17-129	NALW		
Newtan		STATE	ZIP CODE 6714-8	17 SLE	Softier			
JOB TYPE P	ГA	HOLE SIZE	77/8"	HOLE DEPTH	4979'	CASING SIZE & V	VEIGHT	1
CASING DEPTH		DRILL PIPE	4.5"	TUBING			OTHER	
SLURRY WEIGH	IT 13.8	SLURRY VOL	1.4	WATER gal/s	k	CEMENT LEFT in	CASING	
DISPLACEMENT	<u> </u>	DISPLACEMEN	NT PSI	MIX PSI		RATE		
REMARKS:	afely me.	etus and	Risur	0- W6	Idrilling R	5 #10 P	lug as are	lyred
10 10	× 6 2530	1						
- 91 9	x Q 1150)'						
3 plug SUS	and some first succession of the second s				20		1 1/ 14/11	
Thus DOS	x Q 40'				1.80 SX	60/40 4/ 5	al 14 " Ho	
BH 303	and a second procession of the second s							
ACCOUNT	QUANITY	or UNITS	DI	ESCRIPTION of	SERVICES or PRO		UNIT PRICE	TOTAL
CEOYSI	. /		PUMP CHAR	GE ·	Ŷ		1900,a	1900,00
(FOOUZ)	•	55	MILEAGE		,		7.15	393.25
(E0710 ·	12,	04 70-	Ton M	itrage de	lacery		1.75	1158.85
(C.5829		280 5X	Lito-6	leight bi	end I		14.00	4480,00
CC 4075		70 #	Cello 1	lake			3.00	210,00
	*****	1940-1940-1940-1940-1940-1940-1940-1940-						
							Sybtatal	8142,10
						Less 300	dis Count	2442,63
							Sub total	5649.48
			+					
				*****			SALES TAX	279.08-
Ravin 3737	1 all		_1				ESTIMATED	Concion
	N- All						TOTAL	3418,54

AUTHORIZTION	file	1	tri

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

DATE

TITLE_

PRESSURE P		QES Pressure F Dept:9 P.O.Box Houston,TX 7	Pumping LLC 70 4346		EIVED 142019 620/431-92	P.O.Box884 Chanute,KS 66720 10,1-800/467-8676 Fax 620/431-0012
Invoice	JWPING LLC			Invoice#	81:	3138
Invoice Date: 0	5/11/18	Ter	 ms: Net 30		Page	1
PALOMINO PETRO 4924 SE 84TH ST NEWTON KS 671 USA	REET		С	&N Enterprices #1		
Part No	Description		Quantity	Unit Price	Discount(%)	Total
CE0471	Cement Pump Cha (Coalbed/Methane)		1.000	1,150.0000	30.000	805.00
CE0002	Equipment Mileage Equipment	Charge - Heavy	50.000	7.1500	30.000	250.25

Amount Due 7,429.68 If paid after 06/10/18

1.000

195.000

844.3800

24.0000

30.000

30.000

Subtotal

Discounted Amount

SubTotal After Discount

591.07

3,276.00

7,031.88

2,109.56

4,922.32

CE0710

CC5871

Cement Delivery Charge

Surface Blend II, 2% Gel/3% CaCl

Tax:	278.46
Total:	0,200.70

PRESSURE PUMPING LLC PO Box 884, Chanute, KS 66 620-431-9210 or 800-467-86			and the second state of the se	akley Ks.	34
DATE CUSTOMER #		SECTION	TOWNSHIP	RANGE	COUNTY
5/7/18 6285	C+N Enterprises #1	23	16 5	36W	Wichita
MAILING ADDRESS	etioleum to Prod Etioleum to Prod Etiolit X5,E12	TRUCK #	DRIVER Keith C.	TRUCK #	DRIVER
Newton	STATE ZIP CODE 57114-8827				
JOB TYPES WRECKER	HOLE SIZE 1214 HOLE DEP	тн <u>де</u>]	CASING SIZE & V		24 Lbs.
CASING DEPTH 241 SLURRY WEIGHT 14,8	DRILL PIPETUBING SLURRY VOL WATER ga			OTHER	
DISPLACEMENT 15 14 Hols		//SK	CEMENT LEFT in RATE	CASING	
11	lend II. Class A cement, 35	Illing Rig # So Calcium abls to pr	to, Circul	ate Cas; displace	ng, m! x ISty barrels

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
iE att.		PUMP CHARGE	450.00	1150,00
(E coo)	50 mi.	MILEAGE	7.15	357.50
(E 0716	9,65 Tons	Ton Milege	1.75	844.36
166 5871	195 SK	Surface blend II	24.00	4680,00
				ж _{.К} .
			Sub Total	7031.88
			30% D.S.	2109.56
			New Total	
			je Gr	
			a.'	
	1		SALES TAX	278,46
Ravin 3737	ASION		ESTIMATED	520078
AUTHORIZTION	nu lon	TITLE	DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

ATTENTION: THESE TERMS AND CONDITIONS CONTAIN INDEMNITY PROVISIONS FOR DAMAGE TO PERSONS AND PROPERTY.

All Services or Products provided by QES Pressure Pumping LLC (I/k/a Consolidated Oil Well Services LLC) are subject to these Terms and Conditions unless superseded by a Master Service Agreement signed by the parties. In the event Customer does not accept these Terms and Conditions es written, Customer must request a Master Service Agreement from QES' Contracts Administration Department. at msa@geslp.com.

The operations, services, supplies, meterials, personnel or goods to be provided (<u>"Services</u>" or <u>"Products"</u> as applicable) by QES Pressure Pumping LLC (<u>"QES</u>") will be provided to you as customer (<u>"Qustomer"</u>) in accordance with the following terms and conditions (<u>"Agreement"</u>). QES and Customer may be "referred to as "Party" or "Parties".

Price and Taxes. Customer will pay QES for the Services or Products in accordance with QES quoted price which exclude applicable taxes or process license fees. Customer shall pay ell applicable taxes and process license fees related to the Services and/or Products. QES prices are subject to change

 Terms of Payment. Customer will pay QES cash in advance for Services and Products unless QES
has approved credit prior to the performance of the Services and/or delivery of the Products. Credit terms
for approved accounts require full payment of the Involced amount within 30 days from the date of involce. All invoices not paid within 30 days will be charged an interest rate of 1½% per month or the maximum rate allowed under applicable state law, whichever is higher. Customer will be responsible for any fees incurred by QES in the collection of any amounts owed to QES including but not limited to attorney's fees and/or collection fee costs.

 <u>Proof of Services or Delivery of Products</u>. QES will furnish verification of proof of Services parformed and Product delivered to Customer's representative at the time of performance of the Services or Product delivery. Customer agrees to sign and return such verification indicating Customer's ecceptance of the Services or Products

4. <u>Delivery or Completion</u>. All liability and responsibility of QES ceases when (1) Products are delivered to the Customer by QES and no longer in the care, custody and central of QES or (2) when the carrier receives the Products and/or shipment. QES will not be responsible for loss or damage to Products in receives the Products and/or shipment. QEB will not be responsible for loss or damagg to Products in transit or for delays of carriers in delayening goods. In case of shortage, non-conformance, or apparent damage, it is the Customer's responsibility to secure written acknowledgement from the carrier before Customer accepts delivery. Additionally, QES will not be liable for any damage for delays in delivery or completion due to a Force Majeure (as defined below), acts or orrelisions of the Customer, third party material or manufacturing delays, impossibility or impracticability of performance or any other cause or causes beyond the control of QES. In the event of a delay caused hy the adoresaid, the delivery or completion date will be extended for a penod equal to any such delay, and the purchase or service will on the write rundeticable are asset thereof. not be void or voldable as a result thereof.

5 <u>Well or Service Site Conditions</u>. Customer, having custody and control of the well and/or service site, and having superior knowledge of the same and the conditions surrounding them, warrant that the well and/or service site will be in proper condition to receive and accommodate Services' and Products. Upon CES' request, Customer will provide documentation to verify that the well or service site is adequate to support the Services and the delivery of Products. Customer also warrants that QES' personnel and equipment will be able to safely access the well and service site and that any special equipment or road improvements required for such access will be the responsibility of Customer, unless otherwise agreed to by the parties

6. <u>Chemical Handling and Hazardous Materials</u>. Customer agrees that for any waste created as part of the Services, Customer will be considered the "generator" for purposes of any applicable laws or regulations pertaining to the transportation, storage and handling of chemicals and hazardous materials.

7 <u>Data_Data_Transmission and Storage</u>_QES does not warrant or guarantee the accuracy of any research analysis, survey, or other data generated for the Services. QES is not responsible for any accidental or intentional interception of such data by third parties and it is the responsibility of the Customer to safeguard such data equinst loss including any need to secure digital or paper copies for storage

8. WARRANTIES - LIMITATION OF LIABILITY a) GES warrants that the Services and Products will: (i) be free from defects in materials and workmanship; (ii) be performed in a good and workmanilike manner, in accordance will good oillifeld servicing practices; and (iii) conform to the plane, specifications and technical information provided in writing by Customer until the Services or Products are accepted by Customer or OES' contractual obligations are met. In the event that Customer discovers a divided in the Services or Products within the accepted to the discover a divided in the Services or Products within the services or produ abligators are met. In the event that Customer discovers a defect in the Services or Products within the warranty period specified above. Customer will notify QES of such defect, in the event that QES confirms that the Services or Products are defective. QES's liability and Customer's exclusive remedy in any cause of action (whether in tort, contract, breach of warranty or otherwise) arising out of the sale or use of any Services or Products is expressly limited to, at QES' splice, the (i) replacement of such Services or Products upon their return to QES or (ii) a credit to Customer for the full price paid by Customer for the defactive segment of the Services ar Products upon their return to QES. In the case of products or parts not wholly of QES' manufacture, QES' liability the limited to its the extent of its recovery from the manufacturer of such products or parts inder its liability to QES. QES will not be liable for any damages, caims, losses or expenses of Customer resulting from such defects or for damages resulting from delays, loss of use or other direct indirect indicatation curitive or consecutive liability of QES will not DES will or other direct indirect indicatation curitive or parts expended to CES will or other direct indirect indicatation. OES will be the second of the Services or DES will not be liable for any damages. loss of uso, or other direct, indirect, incidental, punitive or consequential damages of any kind. QES will not be responsible for; (i) failures of Services that have been in any way tampered with or altered by anyone other than an authorized representative of QES; (ii) failures due to tack of compliance with recommended maintenance procedures, and (iii) products requiring replacement due to normal wear and

EXCEPT FOR THE WARRANTIES EXPRESSLY STATED ABOVE, THERE ARE NO OTHER WARRANTIES. THE PARTIES EXPRESSLY EXCLUDE AND CUSTOMER WAIVES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT WILL GES' ENTIRE LIABILITY (IN TORT, CONTRACT, WARRANTY, INFRINCEMENT OR OTHERWISE) TO CUSTOMER EXCEED THE PURCHASE PRICE ACTUALLY PAID BY CUSTOMER FOR THE SERVICES OR PRODUCTS THAT GIVE RISE TO A DISPUTE. THIS PROVISION WILL SURVIVE ANY TERMINATION OF THIS AGREEMENT.

9. INDEMNIFICATION AND WAIVER OF CONSEQUENTIAL DAMAGES. 9.1 For purpose of this Section 9, the following definitions will apply: "<u>QES Group</u>," means QES Pressure Purping LLC. Its parent company, and affiliated companies, and its and their officers, directors, employees, contractors, subcontractors and invitees. "<u>Custimere Group</u>" means Customer, its parent (if any), subsidiary and affiliated companies, co-owners, co-venturers, partners and any entry with whom Customer has an economic interest with respect to the Services, Including Customer's joint interest owners and partners and its and their officers, directors, employees, contractors (not including QES), subcontractors and invites. rs and invitees

9.2 <u>QES INDEMNITY</u>. QES AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS CUSTOMER GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS, AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER, ARISING IN CONNECTION WITH THE SERVICES, ON ACCOUNT OF BODILY INJURY, ILLNESS, OR DEATH OF ANY MEMBER OF QES GROUP OR, DAMAGE TO OR LOSS OF PROPERTY OF ANY MEMBER OF QES GROUP.

9.3 CUSTOMER INDEMNITY. CUSTOMER AGREES TO PROTECT, DEFEND, INDEMNIFY AND HOLD HARMLESS QES GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS, AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER, ARISING IN CONNECTION WITH THE SERVICES, ON ACCOUNTOF BODILLY INJURY ILLNESS, OR DEATH OF ANY MEMBER OF CUSTOMER GROUP OR DAMAGE TO OR LOSS OF PROPERTY OF ANY MEMBER OF CUSTOMER GROUP.

9.4 WELL CUSTOMER WILL RELEASE, PROTECT, DEFEND, AND INDEMNIFY QES GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER IN THE EVENTS OF: (I) LOSS OR DAMAGE TO ANY GEOLOGICAL FORMATION, STRATA OR OIL OR GAS RESERVOIR OR MINERAL OR WATER RESOURCE BENEATH THE SURFACE OF THE LAND OR WATER, (II) LOSS OR DAMAGE TO THE HOLE OR WELL, (III)

IMPAIRMENT OF PROPERTY RIGHTS OR OTHER INTERESTS IN OR TO OIL, GAS, MINERAL OR WATER RESOURCES, AND (IV) REGAINING CONTROL OF ANY WILD WELL OR OUT OF CONTROL WELL, UNDERROUND OR ABOVE THE SURFACE, INCLUDING REMOVAL OF WRECK, DEBRIS, EQUIPMENT, AND HAZARDOUS MATERIALS AND REMEDIATING ENVIRONMENTAL DAMAGE

- GROUPS' CARE, CUSTODY AND CONTROL, AND ARISING FROM THE PERFORMANCE OF THE SERVICES
 - SERVICES. (b) CUSTOMER WILL ASSUME RESPONSIBILITY FOR CONTROL AND REMOVAL OF AND WILL PROTECT, DEFEND AND INDEMNIFY DES GROUP FROM AND AGAINST ALL CLAIMS, DEMANDS AND CAUSES OF ACTION OF EVERY KIND AND CHARACTER ARISING FROM POLLUTION OTHER THAN THAT DESCRIBED IN SECTION 5.5(A) ABOVE, WHICH MAY OCCUR DURING THE CONDUCT OF OPERATIONS HEREUNDER, INCLUDING, BUT NOT LIMITED TO, POLLUTION RESULTING FROM FIRE, BLOWOUT, CRATERING, SEEPAGE OR OTHER UNCONTROLLED FLOW OF DIL, GAS OR OTHER SUBSTANCE.

9.6 WAIVER OF CONSEQUENTIAL DAMAGES. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY, CUSTOMER AND QES FURTHER AGREE THAT NEITHER PARTY WILL BE LIABLE TO THE OTHER OR EACH OTHER'S RESPECTIVE GROUP FOR ANY CONSEQUENTIAL, INCIDENTIAL OR INDIRECT DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF PROFIL, LOSS OF PRODUCTION, REVENUE, OR ANTICIPATED BUSINESS ("LOSSES"). CUSTOMER AGREES TO INDEMNIFY AND HOLD QES GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER GROUP. AGREES TO INDEMNIFY AND HOLD CUSTOMER GROUP HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS OF CUSTOMER AGAINST ANY AND ALL CLAIMS FOR SUCH LOSSES ASSERTED BY MEMBERS A SUCH LOSSES ASSERTED BY MEMBERS OF QES GROUP.

9.7 EXCEPT AS OTHERWISE EXPRESSLY LIMITED BY THIS AGREEMENT OR BY LAW, ALL BUT EALERY AS OTHERWISE EAPRESOLT LIMITED BY THIS ADREEMENT ON BY DAVE, ALL RELEASES, INDEMNITY OBLIGATIONS AND OTHER LIABILITIES ASSUMED UNDER THIS AGREEMENT WILL BE WITHOUT LIMIT AND WITHOUT REGARD TO THE CAUSES OR CAUSES, INCLUDING, WITHOUT LIMITATION, PREEXISTING CONDITIONS, UNSEAWORTHINESS, STRICT LIABILITY, WILLFUL MISCONDUCT, AND THE SOLE, JOINT, GROSS, OR CONCURRENT DECUDING, WITHOUT LIMITATION, AND THE SOLE, JOINT, GROSS, OR CONCURRENT NEGLIGENCE OF ANY PARTY

9.8. Each Party hereunder agrees to support its indemnity obligations with liability insurance coverage with limits of liability not less than ten million dollars (\$10,000,000). It is the express intention of the Parties that the indemnities contained herein apply to the fullest extent permitted by applicable law, and in no event will a Party's indemnity obligation be limited to the amount of insurance carried by each Party.

THIS SECTION 9 WILL SURVIVE THE TERMINATION OR EXPIRATION OF THIS AGREEMENT

10 Insurance. All insurance policies of either Party, in any way related to the Services, whether or not required by this Agreement, shall to the extent of the risks and liabilities assumed by such party: (i) name the other party group as additional insured (except for worker's compensation, OEE/COW, or professional lability policies), (ii) waive subrogation as to the other party group; and (iii) be primary and non-contributory. to any insurance of the other party group

11. Force Majaure. Except the obligation to make payments when due, neither QES nor Customer will be liable nor deemed to be in breach of this Agreement for any delay or failure in performance resulting from the acts of God, civil or military authority, material change of law, any governmental action, acts of public enemy, war, accidents, lices, explosions, earthquakes, Body, failure of transportation, national strikes, acute or unusual labor, material or equipment shortages, or any similar or dissimilar cause beyond the reasonable control of either Party. The Party so affected will as soon as such a cause or event occurs promptly norify the other Party in writing concerning the cause and the estimated effect and take reasonable measures with proper dispatch to remedy the condition. In the event Customer declares a force majoure event occurs are promptly norify be other and the reasonable of the other ended with a contradict of the other ended effect and take reasonable. occurrence. QES will be compensated at the standard daily rate for the materials and personnel that are standing idle as a consequence of the force majeure occurrence until Customer terminates the work order or work resumes.

12. <u>Governing Law</u>. This Agreement will be governed by the laws of the State of Texas, without regard to its conflicts of law provisions. The Parties agree to submit to the exclusive jurisdiction of the federal or state courts located in Houston. Harris County, Texas with respect to any and all disputes that arise out of or are related in any way to the subject matter of this Agreement. This Section 12 will survive the termination or expiration of this Agreement.

13 Independent Contractor: QES will be an independent contractor with respect to the Services performed, and neither QES nor anyone employed by QES will be deemed for any purpose to be the employee, agent, servant, borrowed servant or representative of Customer.

14. <u>Severability</u>. In the event any provision of this Agreement is inconsistent with or contrary to any applicable law, rule or regulation, the provision will be deemed modified to the extent required to comply, and the remaining terms, as modified, will remain in full force and effect

15 Waiver, A waiver on the part of either Party of any breach of any term, provision or condition of this Agreement will not constitute a precedent and not bind either Party hereto to a waiver of any succeeding or other breach of the same or any other term, provision or condition of this Agreement.

16 Entire Agreement. This Agreement contains the entire agreement of the Parties with regard to the 18 Entire Agreement. This Agreement contains the entire agreement of the Parties with regard to the subject matter hereof and supersedes any prior oral and writter agreements, contracts, representations or warranty between the Parties relating to the subject matter hereof. No amendment or modification of this Agreement will be effective unless it is in writing and signed by an authorized representative of each Party if the Parties enter into a Master Service Agreement, then any term or condition herein which conflicts with the provisions of such Master Service Agreement will be dearned invalid.



DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

Start Date: 2018.05.11 @ 10:12:00 End Date: 2018.05.11 @ 14:58:00 Job Ticket #: 63670 DST#: 1

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

RILOBITE -	Palomino Petroleum, Inc		22	-16c-36v	v Wichita	Ke	
ESTING, INC						-	
	4924 SE 84th St New ton, KS 67114				rprises #1		
) Ticket: 6		DST#	
The second se	ATTN: Andrew Stenzel		les	st Start: 2	018.05.11 (2) 10:12:00	
GENERAL INFORMATION:							
Formation: Topeka Deviated: No Whipstock:	ft (KB)		Тоя	st Type:	Convention	al Rottom H	lole (Initial)
Fime Tool Opened: 11:36:00 Fime Test Ended: 14:58:00			Tes	ster:	Bradley Wa 79		
nterval: 3886.00 ft (KB) To 392			Ref	erence E	evations:		0 ft (KB)
Fotal Depth: 3928.00 ft (KB) (TV Hole Diameter: 7.88 inches Hole				KB	to GR/CF:		10 ft(CF) 10 ft
						J.U	
Serial #: 8522 Inside Pess@RunDepth: 52.96 psig @	2 3887.00 ft (KB)		Capacity	r:		ጸሰሰስ ባ	0 psig
Start Date: 2018.05.11	End Date:	2018.05.11	Last Cal	ib.:		2018.05.1	1
Start Time: 10:12:05	End Time:	14:57:59	Time On Time Off		2018.05.11 2018.05.11		
EST COMMENT: IF: 2" blow .				Din.	2010.00.11	@ 10.42.0	0
ISI: No return. FF: 1 1/4" blow . FSI: No return							
Pressure vs. Th			PI	RESSU	RE SUMM	IARY	
2000 T	852 Temporakata	Time	Pressure	Temp	Annotati	on	
1730	100	(Min.) 0	(psig) 1875.52	(deg F) 98.92	 Initial Hydi	o-static	
1200		1	18.91	98.19	Open To F	low (1)	
		30 64	35.36 1030.54	99.35 100.74	1		
		64	30.33		Open To F		
		95 125	52.96 984.96		Shut-In(2) End Shut-		
		125	964.90 1860.67	102.50			

	- 05						
10441 11444 02946 5 Fri May 2006 Time (Hourn)	u 2nu 3nu						
Recovery			Į	Ga	s Rates		
Length (ft) Description	Volume (bbl)				inches) Pressi	are (psig)	Gas Rate (Mcf/d)
100.00 Mud 100m (oil spots)	0.49				———		
		1					

Trilobite Testing, Inc

RILOBITE	DRILL STEM TES		ORT			
	Palomino Petroleum, Inc		23-16s-3	Sw Wichit	a,KS	
ESTING , INC			C&N Ent	erprises #	1	
	New ton, KS 67114		Job Ticket:	63670	DST#:	1
	ATTN: Andrew Stenzel		Test Start:	2018.05.11	@ 10:12:00	
GENERAL INFORMATION:						
Formation:TopekaDeviated:NoWhipstock:Time Tool Opened:11:36:00Time Test Ended:14:58:00	ft (KB)		Test Type: Tester: Unit No:	Conventio Bradley W 79	nal Bottom Ho /alter	le (Initial)
Interval: 3886.00 ft (KB) To 39 Total Depth: 3928.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole				Elevations: B to GR/CF;	3272.00 3267.00 5.00	ft (CF)
			n		5.00	Tt
Serial #: 8319OutsidePress@RunDepth:psigStart Date:2018.05.11Start Time:10:12:05	 3887.00 ft (KB) End Date: End Time: 	2018.05.11 14:57:59	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 2018.05.11	psig
FF: 1 1/4" blow . FSI: No return Pressure vs. Th			PRESS	JRE SUM	MARY	
200 200 1735 17 17 17 17 17 17 17 17 17 17 17 17 17 1	ASO TOTALS	Time (Min.)	Pressure Temp (psig) (deg l		tion	
Recovery				as Rates		
Length (ft) Description 100.00 Mud 100m (oil spots)	Volume (bbl) 0.49		Снок	e (inches) Press	sure (psig) Ga	is Rate (Mct/d)
Trilobite Testing, Inc	Ref. No: 63670			d: 2018.05.2		

Trilobite Testing, Inc

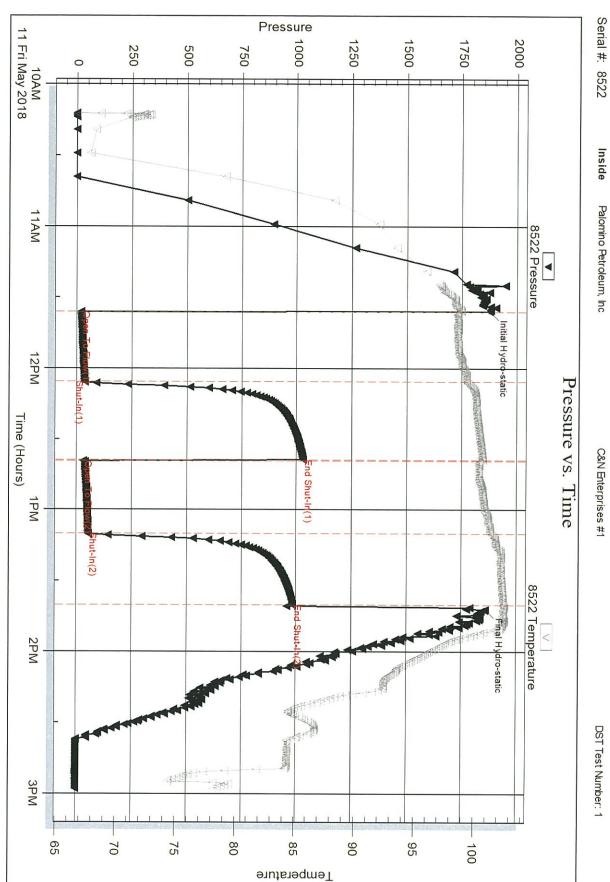
RILOBI		Palomin	o Petroleum,	Inc		23-16s-36w Wic	:hita,KS
ESTI	NG , INC	New tor	E 84th St n, KS 67114 Andrew Ste	anzel		C&N Enterprise Job Ticket: 63670 Test Start: 2018.05	DST#: 1
Tool Information							
Drill Pipe: Length: 3 Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB:	3745.00 ft 0.00 ft 122.00 ft 8.00 ft 3886.00 ft ft 42.00 ft 69.00 ft 2 [Diameter:	2.75 in	iches Volume: iches Volume: iches Volume: Total Volume: ches	0.00 bb 0.60 bb	I Weight set on Pa I Weight to Pull Lo I Tool Chased String Weight: In	2500.00 lb acker: 25000.00 lb oose: 85000.00 lb 0.00 ft nitial 70000.00 lb inal 70000.00 lb
Tool Comments:	Len	gth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Tool Comments: Tool Description	Len	gth (ft) 1.00	Serial No.	Position	Depth (ft) 3860.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub	Len		Serial No.	Position		Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool	Len	1.00 5.00 5.00	Serial No.	Position	3860.00 3865.00 3870.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars	Len	1.00 5.00 5.00 5.00	Serial No.	Position	3860.00 3865.00	Accum. Lengths	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Len	1.00 5.00 5.00 5.00 2.00	Serial No.	Position	3860.00 3865.00 3870.00 3875.00 3877.00		
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	Len	1.00 5.00 5.00 5.00 2.00 5.00	Serial No.	Position	3860.00 3865.00 3870.00 3875.00 3877.00 3882.00	Accum. Lengths	Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	Len	1.00 5.00 5.00 2.00 5.00 4.00	Serial No.	Position	3860.00 3865.00 3870.00 3875.00 3877.00 3882.00 3886.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb		1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00			3860.00 3865.00 3870.00 3875.00 3877.00 3882.00 3886.00 3886.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00	8522	Inside	3860.00 3865.00 3870.00 3875.00 3877.00 3882.00 3886.00 3886.00 3887.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder		1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00			3860.00 3865.00 3870.00 3875.00 3877.00 3882.00 3886.00 3886.00 3887.00 3887.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00	8522	Inside	3860.00 3865.00 3870.00 3875.00 3877.00 3882.00 3886.00 3887.00 3887.00 3887.00 3887.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00	8522	Inside	3860.00 3865.00 3870.00 3875.00 3877.00 3882.00 3886.00 3887.00 3887.00 3887.00 3887.00 3892.00 3893.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 31.00	8522	Inside	3860.00 3865.00 3875.00 3875.00 3887.00 3882.00 3886.00 3887.00 3887.00 3887.00 3887.00 3887.00 3892.00 3893.00 3924.00		Bottom Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub	3	1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 31.00 1.00	8522	Inside	3860.00 3865.00 3870.00 3875.00 3887.00 3882.00 3886.00 3887.00 3887.00 3887.00 3887.00 3892.00 3893.00 3924.00 3925.00	27.00	
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe	3	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 31.00	8522	Inside	3860.00 3865.00 3875.00 3875.00 3887.00 3882.00 3886.00 3887.00 3887.00 3887.00 3887.00 3887.00 3892.00 3893.00 3924.00		Bottom Of Top Packe Bottom Packers & Anchor

	BITE	DRIL	L STEM TEST	REPORT			FLUID SUMMAR
		Palomino	Petroleum, Inc		23-16s-36v	w Wichita,K	5
	TING , INC	4924 SE 8 New ton, I			C&N Enter Job Ticket: 6	•	DDT#.4
		ATTN: A	ndrew Stenzel			2018.05.11 @ 10	DST#:1
Mud and Cushion I	nformation		Outline Turner			0145	
	0 lb/gal		Cushion Type: Cushion Length:		ft	Oil API: Water Salinity:	0 deg API 0 ppm
	0 sec/qt		Cushion Volume:		bbl	trator ounity:	oppin
	8 in³		Gas Cushion Type:				
Resistivity: 0.0 Salinity: 3000.0	10 ohm.m 10 opm		Gas Cushion Pressur	e:	psig		
-	0 inches						
Recovery Informati	on						
	·····	i	Recovery Table			7	
	Length ft	h	Description		Volume bbl		
	1	100.00 N	lud 100m (oil spots)		0.492		
	Total Length:	100.00	ft Total Volume:	0.492 bbl			
	Num Fluid Sample		Num Gas Bombs:	0	Serial #:	:	
	Laboratory Name Recovery Comm		Laboratory Location	on:			

Printed: 2018.05.21 @ 13:49:51

Ref. No: 63670

Trilobite Testing, Inc

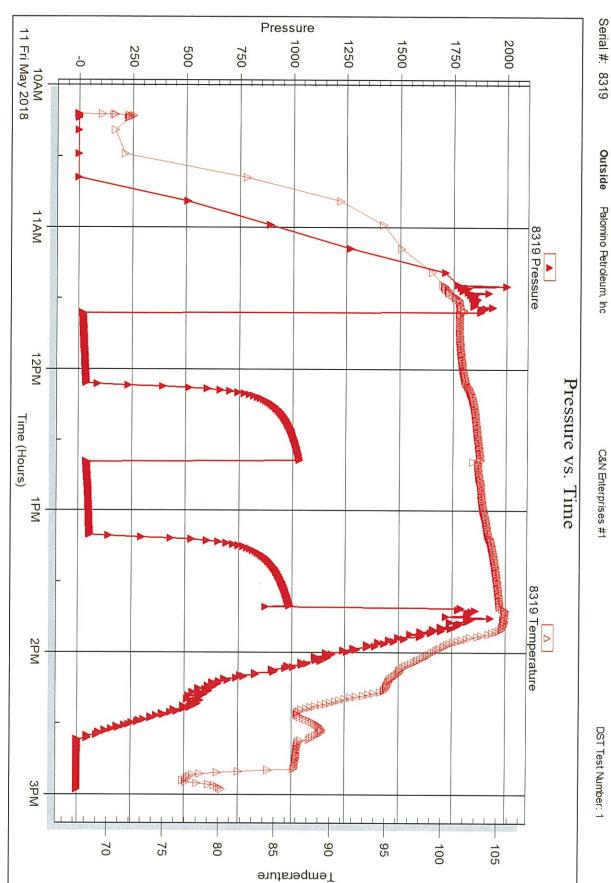


DST Test Number: 1

Printed: 2018.05.21 @ 13:49:51

Ref. No: 63670

Trilobite Testing, Inc





DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

 Start Date:
 2018.05.12 @ 00:32:41

 End Date:
 2018.05.12 @ 06:20:41

 Job Ticket #:
 63636
 DST #:
 2

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

RILOBITE	Palomino Petroleum, Inc			40- 00-	. 18/7 - 1- 74-	
TESTING, INC.			23-	-165-36W	/ Wichita,	,KS
	4924 SE 84th St New ton, KS 67114		C&	N Enter	prises #1	
	New (01, NS 07 1 14		Job	Ticket: 6	3636	DST#: 2
	ATTN: Andrew Stenzel		Tes	t Start: 20	018.05.12 @	00:32:41
GENERAL INFORMATION:						
Formation: Toronto Deviated: No Whipstock: Time Tool Opened: 02:23:11 Time Test Ended: 06:20:41	ft (KB)		Tes	ter:	Conventiona Brandon Tui 79	al Bottom Hole (Reset) rley
Interval: 3974.00 ft (KB) To 402 Total Depth: 4023.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole			Ref	erence Ele		3272.00 ft (KB) 3267.00 ft (CF)
	Contarion: Good			KB1	to GR/CF:	5.00 ft
Serial #: 8166 Outside Press@RunDepth: 463.82 psig (Start Date: 2018.05.12) Start Time: 00:32:46)	End Date: End Time:	2018.05.12 06:20:40	Capacity Last Cali Time On Time Off	b.: Btm: :	2018.05.12 (2018.05.12 (
FEST COMMENT: IF: BOB in 5 min. 5 IS: No return. FF: BOB in 8 min. FS: No return. Pressure vs. 15	46"				RE SUMM	
	El Internative	Time	Pressure	Temp	Annotatio	
	115			i onip	1 1111010101	
200 770 700 700 700 700 700 700		(Min.) 0 2 31 63 64 92 122 122	(psig) 1960.66 79.92 297.39 1056.76 297.12 463.82 1039.13 1912.37	(deg F) 101.92 102.12 114.29 113.19 112.93 114.88 114.36	Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2)
transport		0 2 31 63 64 92 122	(psig) 1960.66 79.92 297.39 1056.76 297.12 463.82 1039.13	(deg F) 101.92 102.12 114.29 113.19 112.93 114.88 114.36 114.02	Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	o-static low (1) n(1) low (2) n(2)
TTO TTO TTO TTO TTO TTO TTO TTO	Volume (bbl)	0 2 31 63 64 92 122	(psig) 1960.66 79.92 297.39 1056.76 297.12 463.82 1039.13	(deg F) 101.92 102.12 114.29 113.19 112.93 114.88 114.36 114.02	Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2)
TTS TTS TTS TTS TTS TTS TTS TTS	Volume (bbl) 7.73	0 2 31 63 64 92 122	(psig) 1960.66 79.92 297.39 1056.76 297.12 463.82 1039.13	(deg F) 101.92 102.12 114.29 113.19 112.93 114.88 114.36 114.02 Gas	Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) p-static
1739 1 200	Volume (bbl) 7.73	0 2 31 63 64 92 122	(psig) 1960.66 79.92 297.39 1056.76 297.12 463.82 1039.13	(deg F) 101.92 102.12 114.29 113.19 112.93 114.88 114.36 114.02 Gas	Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-Ir Final Hydro	o-static low (1) n(1) low (2) n(2) p-static

	DRILL STEM TES	TREP	ORT				
RILOBITE	Palomino Petroleum, Inc		23-1	16s-36v	w Wichita	,KS	
ESTING , INC	4924 SE 84th St		C&N	N Ente	rprises #1	1	
	New ton, KS 67114] doL	Ticket: 6	3636	DST#: 2	
	ATTN: Andrew Stenzel		Test	Start: 2	2018.05.12 (@ 00:32:41	
GENERAL INFORMATION:							
Formation:TorontoDeviated:NoWhipstock:Time Tool Opened:02:23:11Time Test Ended:06:20:41	ft (KB)		Test Teste Unit I	er:	Convention Brandon Tu 79	al Bottom Hole Irley	(Reset)
Interval: 3974.00 ft (KB) To 40; Total Depth: 4023.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole			Refe		levations: to GR/CF:	3272.00 3267.00 5.00	ft (CF)
Serial #: 6651 Inside Press@RunDepth: psig Start Date: 2018.05.12 Start Time: 00:32:11 TEST COMMENT: IF: BOB in 5 min. 5 IS: No return. FF: BOB in 8 min. FS: No return. FS: No return.	End Date: End Time:	2018.05.12 06:20:05	Capacity: Last Calib. Time On B Time Off E	.: Stm:		8000.00 2018.05.12	psig
Pressure vs. Th			PR	ESSU	RE SUMM	IARY	
22 Dd May 2015	CCGI Forspord ro CCGI Forspord ro 50 50 50 50 50 50 50 50 50 50	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotati	on	
Recovery				Ga	s Rates		
Length (ft) Description	Volume (bbl)			Choke (inches) Pressi	re (psig) Gas I	Rate (Mcf/d)
630.00 mcw 90%w 10%m 355.00 w cm oil spots on top 40%	7.73 w 60%m 4.98						
* Recovery from multiple tests						<u></u>	
Trilobite Testing, Inc	Ref. No: 63636			Printed:	2018.05.21	@ 13:49:09	

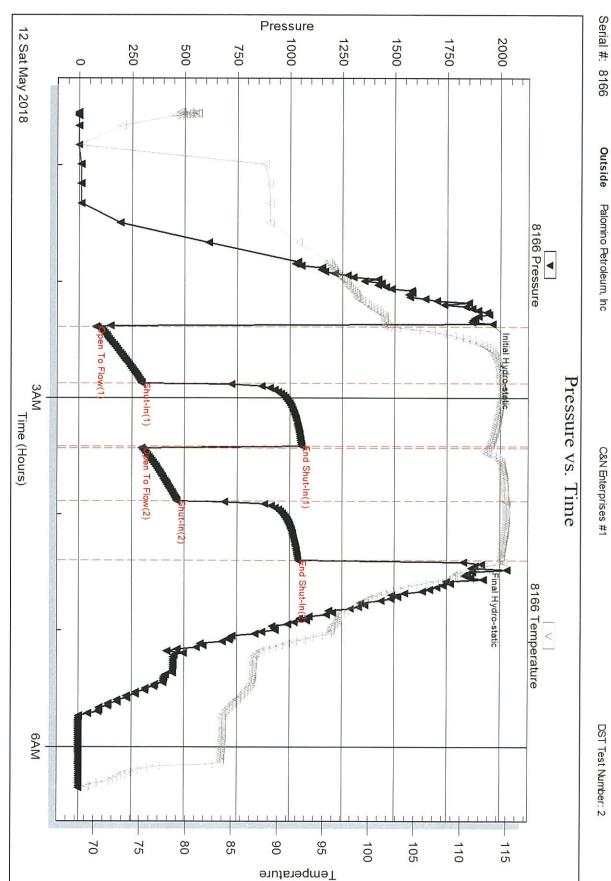
RILOE		Palomin	o Petroleum	i, Inc		23-16s-36w W	ichita,	KS
ES7	TNG , INC	4924 SI	E84th St			C&N Enterpris	ses #1	
			i, KS 67114			Job Ticket: 63636		DST#: 2
		ATTN	Andrew S	enzel		Test Start: 2018.		
Tool Information								
Drill Pipe: Length:	3839.00 ft	Diameter:	3.80	nches Volume:	53.85 bbl	Tool Weight:		2500.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:		nches Volume:		=	Packer:	
Drill Collar: Length:	122.00 ft	Diameter:	2.25	nches Volume:	0.60 bbl	-		
Drill Pipe Above KB:	14.00 ft			Total Volume:	54.45 bbl			0.00 ft
Depth to Top Packer:	3974.00 ft					String Weight:		72000.00 lb
Depth to Bottom Packer:	ft						Final	78000.00 lb
nterval between Packers:	49.00 ft							
Tool Length:	76.00 ft							
Number of Packers:	2	Diameter:	6.75 i	nches				
Tool Comments:								
Tool Description	Lei		Serial No.	Position	Depth (ft)	Accum. Lengths		
Tool Comments: Tool Description Stubb	Ler	1.00	Serial No.	Position	3948.00	Accum. Lengths		
Tool Description Stubb Shut In Tool	Lei	1.00 5.00	Serial No.	Position	3948.00 3953.00	Accum. Lengths		
Tool Description Stubb Shut In Tool Hydraulic tool	Ler	1.00 5.00 5.00	Serial No.	Position	3948.00 3953.00 3958.00	Accum. Lengths		
Tool Description Stubb Shut In Tool Hydraulic tool Jars	Ler	1.00 5.00 5.00 5.00	Serial No.	Position	3948.00 3953.00 3958.00 3963.00	Accum. Lengths		
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint	Ler	1.00 5.00 5.00 5.00 2.00	Serial No.	Position	3948.00 3953.00 3958.00 3963.00 3965.00			
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer	Ler	1.00 5.00 5.00 5.00 2.00 5.00	Serial No.	Position	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00	Accum. Lengths 27.00		Bottom Of Top Packer
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	Ler	1.00 5.00 5.00 5.00 2.00 5.00 4.00	Serial No.	Position	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00			Bottom Of Top Packer
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	Lei	1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00		· · · · · · · · · · · · · · · · · · ·	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00			Bottom Of Top Packer
Fool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder	Ler	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00	6651	Inside	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00			Bottom Of Top Packe
Fool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder	Ler	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00		· · · · · · · · · · · · · · · · · · ·	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00 3975.00			Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations	Ler	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 9.00	6651	Inside	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00 3975.00 3975.00 3975.00			Bottom Of Top Packer
Fool Description Stubb Shut In Tool Hydraulic tool Hars Safety Joint Packer Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub	Lei	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 9.00 1.00	6651	Inside	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00 3975.00 3975.00 3975.00 3984.00 3984.00			Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe	Ler	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 9.00 1.00 32.00	6651	Inside	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00 3975.00 3975.00 3985.00 4017.00			Bottom Of Top Packer
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub	Ler	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 9.00 1.00 32.00 1.00	6651	Inside	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00 3975.00 3975.00 3984.00 3985.00 4017.00 4018.00	27.00		
Fool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Parforations Change Over Sub Drill Pipe		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 9.00 1.00 32.00	6651	Inside	3948.00 3953.00 3958.00 3963.00 3965.00 3970.00 3974.00 3975.00 3975.00 3975.00 3985.00 4017.00		Bot	Bottom Of Top Packer

	BITE -	DRIL	L STEM TEST	REPORT	•		FLUID SUMMAR
		Palomino	Petroleum, Inc		23-16s-36	w Wichita,K	5
		4924 SE			C&N Ente	rprises #1	
		New ton,	KS 67114		Job Ticket:	63636	DST#: 2
		ATTN: /	Andrew Stenzel		Test Start:	2018.05.12 @ 00	0:32:41
Mud and Cushion Ir	formation						
Mud Type: Gel Chem			Cushion Type:			Oil API:	0 deg API
	0 lb/gal 0 sec/qt		Cushion Length: Cushion Volume:		ft	Water Salinity:	55000 ppm
Vater Loss: 7.18			Gas Cushion Type:		bbl		
Resistivity: 0.00 Galinity: 3000.00	0 ohm.m 0 ppm		Gas Cushion Press		psig		
	0 inches						
Recovery Information	on		Recovery Table				
	Length ft		Description		Volume bbl		
	63	30.00 r	ncw 90%w 10%m		7.72	6	
	35	55.00 V	w.cm.oil spots on top 40%	w 60%m	4.98		
Т	Fotal Length:	985.0	0 ft Total Volume:	12.706 bbl			
	aboratory Name: Recovery Comme		Laboratory Loca	ation:			
	.aboratory Name: Recovery Comme			ation:			
				ation:			
				ation:			
				ation:			
				ation:			

Printed: 2018.05.21 @ 13:49:10

Ref. No: 63636

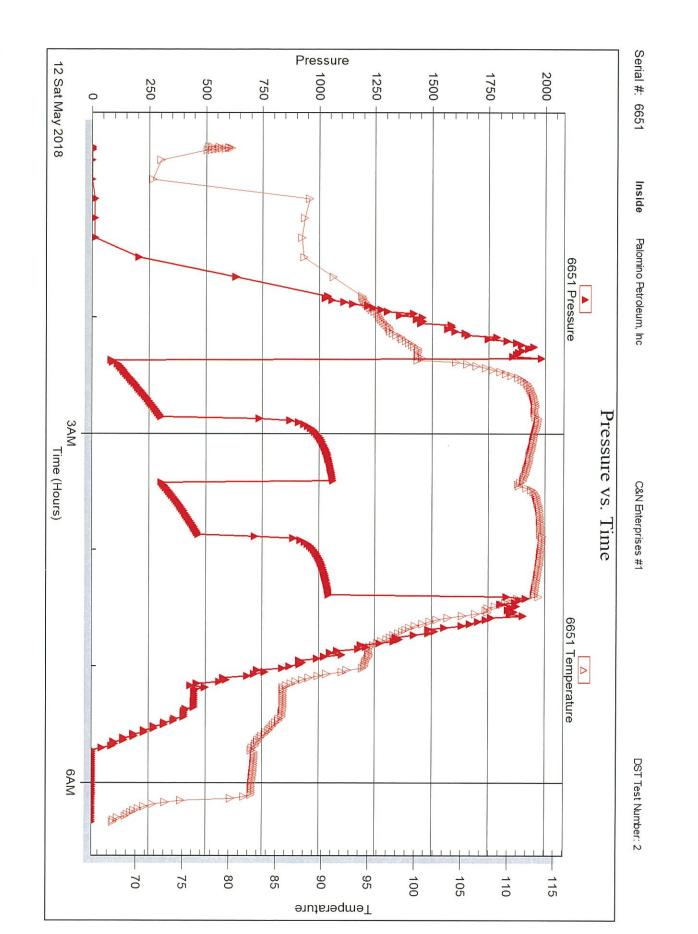
Trilobite Testing, Inc



Printed: 2018.05.21 @ 13:49:10

Ref. No: 63636

Trilobite Testing, Inc





DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

 Start Date:
 2018.05.12 @ 13:08:16

 End Date:
 2018.05.12 @ 18:04:46

 Job Ticket #:
 63637
 DST #: 3

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

RILOBITE	Palomino Petroleum, Inc			166-364	/ Wichita		
ESTING , INC	4924 SE 84th St				prises #1		
	Newton, KS 67114		Job	Ticket: 63	3637	DST#	4:3
	ATTN: Andrew Stenzel		Tes	at Start: 20	018.05.12 (@ 13:08:16	
GENERAL INFORMATION:							
Formation: LKC A-B Deviated: No Whipstock: Time Tool Opened: 14:27:16 Time Test Ended: 18:04:46	ft (KB)		Tes	ter:	Conventior Brandon Tu 79		lole (Reset)
Interval: 4026.00 ft (KB) To 405 Total Depth: 4057.00 ft (KB) (TV	D)		Ref	erence Ele		3267.0	00 ft (KB) 00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Good			KB t	to GR/CF:	5.0	0 ft
Serial #:8166OutsidePress@RunDepth:177.92 psig (Start Date:2018.05.12Start Time:13:08:21	 4027.00 ft (KB) End Date: End Time: 	2018.05.12 18:04:45	Capacity Last Cali Time On Time Off	ib.: Btm: :		8000.0 2018.05.1 2 @ 14:26:1 2 @ 16:30:1	6
FF: BOB in 23 min	. 13"						
FS: No return. Pressure vs. The			PI	RESSUF	RESUM	1ARY	
	ITES Temperature ITES Temperature Item	Time (Min.)	Pi Pressure (psig)	RESSUF Temp (deg F)	RE SUMN Annotat		••••••••••••••••••••••••••••••••••••••
Pressure vs. The	RICS Temperature		Pressure	Temp (deg F) 100.24	Annotat Initial Hyd	ion ro-static	
Pressure vs. The	P103 Grocondum	(Min.) 0 1 31	Pressure (psig) 2053.74 21.92 115.61	Temp (deg F) 100.24 99.34 111.94	Annotat Initial Hyd Open To I Shut-In(1)	ion ro-static Flow (1))	
Pressure vs. The	PR3 Terratukan 	(Min.) 0 1 31 62	Pressure (psig) 2053.74 21.92	Temp (deg F) 100.24 99.34 111.94 111.42	Annotat Initial Hyd Open To I	ion ro-static Flow (1)) ·ln(1)	
Pressure vs. The	105 105 105 105 105 105 105 105	(Min.) 0 1 31 62 62 91	Pressure (psig) 2053.74 21.92 115.61 1113.17 118.56 177.92	Temp (deg F) 100.24 99.34 111.94 111.42 111.11 113.57	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2)	ion ro-static Flow (1)) -In(1) Flow (2)	
Pressure vs. The Pressure vs.	115 115 115 116 117 118 119 119 119 119 119 119 119	(Min.) 0 1 31 62 62	Pressure (psig) 2053.74 21.92 115.61 1113.17 118.56	Temp (deg F) 100.24 99.34 111.94 111.42 111.11	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1)) In(1) Flow (2)) In(2)	
Pressure vs. The PROFESSOR VS.	115 115 115 116 117 118 119 119 119 119 119 119 119	(Min.) 0 1 31 62 62 91 122	Pressure (psig) 2053.74 21.92 115.61 1113.17 118.56 177.92 1105.03	Temp (deg F) 100.24 99.34 111.94 111.42 111.11 113.57 112.97 113.07	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut-	ion ro-static Flow (1)) In(1) Flow (2)) In(2)	
Pressure vs. The Pressure vs.	Image: Second	(Min.) 0 1 31 62 62 91 122	Pressure (psig) 2053.74 21.92 115.61 1113.17 118.56 177.92 1105.03	Temp (deg F) 100.24 99.34 111.94 111.42 111.11 113.57 112.97 113.07	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1)) In(1) Flow (2)) In(2) ro-static	Gas Rate (Mc1/d)
Pressure vs. The Pressure vs.	Di Contraction Di Contraction	(Min.) 0 1 31 62 62 91 122	Pressure (psig) 2053.74 21.92 115.61 1113.17 118.56 177.92 1105.03	Temp (deg F) 100.24 99.34 111.94 111.42 111.11 113.57 112.97 113.07	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1)) In(1) Flow (2)) In(2) ro-static	Gas Rate (McI/d)
Pressure vs. The province of the second sec	Image: Street of the	(Min.) 0 1 31 62 62 91 122	Pressure (psig) 2053.74 21.92 115.61 1113.17 118.56 177.92 1105.03	Temp (deg F) 100.24 99.34 111.94 111.42 111.11 113.57 112.97 113.07	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1)) In(1) Flow (2)) In(2) ro-static	Gas Rate (Mct/d)
Pressure vs. The molecular result of the second s	Image: Street of the	(Min.) 0 1 31 62 62 91 122	Pressure (psig) 2053.74 21.92 115.61 1113.17 118.56 177.92 1105.03	Temp (deg F) 100.24 99.34 111.94 111.42 111.11 113.57 112.97 113.07	Annotat Initial Hyd Open To I Shut-In(1) End Shut- Open To I Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1)) In(1) Flow (2)) In(2) ro-static	Gas Rate (McI/d)

Trilobite Testing, Inc

RILOBITE	DRILL STEM	15211	REPU	JRI				
	Palomino Petroleum, Inc			23-	16s-36v	v Wichita	i,KS	
TESTING , INC	4924 SE 84th St			C&	N Enter	rprises #1	1	
	New ton, KS 67114			Job	Ticket: 6	3637	DST#	3
	ATTN: Andrew Stenzel			Test	t Start: 2	018.05.12 (@ 13:08:16	
GENERAL INFORMATION:		. <u> </u>						
Formation: LKC A-B								
Deviated: No Whipstock: Time Tool Opened: 14:27:16 Time Test Ended: 18:04:46	ft (KB)			Test Test Unit	ter:	Convention Brandon Tu 79	nal Bottom H urley	ole (Reset)
nterval: 4026.00 ft (KB) To 405	7.00 ft (KB) (TVD)			Refe	erence 🗄	evations:	3272.00) ft (KB)
Total Depth: 4057.00 ft (KB) (TV						_	3267.00	ft (CF)
-lole Diameter: 7.88 inches Hole	Condition: Good				KB	to GR/CF:	5.00	D ft
Serial #: 6651 Inside				_				
Press@RunDepth; psig @ Start Date: 2018.05.12	4027.00 ft (KB) End Date:	2018	3.05.12	Capacity: Last Calib			8000.00 1899.12.30	
Start Time: 13:08:41	End Time:		3:05:05	Time On E			1099.12.30	,
				Time Off	Btm:			
IS: No return. FF: BOB in 23 min FS: No return.	0.C			PR	RESSU			
FF: BOB in 23 min	13"							
FF: BOB in 23 min FS: No return. Pressure vs. Tin	0.C							
FF: BOB in 23 min FS: No return.		(Time Min.)	Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return. Pressure vs. Thr cool freesure	0.C		Time Min.)			Annotati		
FF: BOB in 23 min FS: No return.	0.C	(Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.	0.C			Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.	0.C	- 185 - 185 - 180 - 180		Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.	0.C	- 1780 (; - 1825 -		Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.	0.C	- 185 - 185 - 180 - 180		Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.	0.C	- 110 (- 105 - 100 - 10		Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.	0.C	- 110 (- 105 - 100 - 10		Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.		- 110 (- 105 - 100 - 10		Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.		- 110 (- 105 - 100 - 10		Pressure	Temp	Annotati		
FF: BOB in 23 min FS: No return.		- 110 (- 105 - 100 - 10		Pressure	Temp (deg F)	Annotati		
FF: BOB in 23 min FS: No return.	BC OUT Imposiso	- 110 (- 105 - 100 - 10		Pressure	Temp (deg F)	Annotati s Rates	ion	as Rate (Mct/d
FF: BOB in 23 min FS: No return.	ne cont formane	- 110 (- 105 - 100 - 10		Pressure	Temp (deg F) Ga	Annotati s Rates	ion	as Rate (Mcf/d
FF: BOB in 23 min FS: No return.	BC OUT Imposiso	- 110 (- 105 - 100 - 10		Pressure	Temp (deg F) Ga	Annotati s Rates	ion	as Rate (Mcf/d
FF: BOB in 23 min FS: No return.	ne cont formane	- 110 (- 105 - 100 - 10		Pressure	Temp (deg F) Ga	Annotati s Rates	ion	as Rate (Mcf/d
FF: BOB in 23 min FS: No return.	ne cont formane	- 110 (- 100 - 10		Pressure	Temp (deg F) Ga	Annotati s Rates	ion	as Rate (Mcf/d

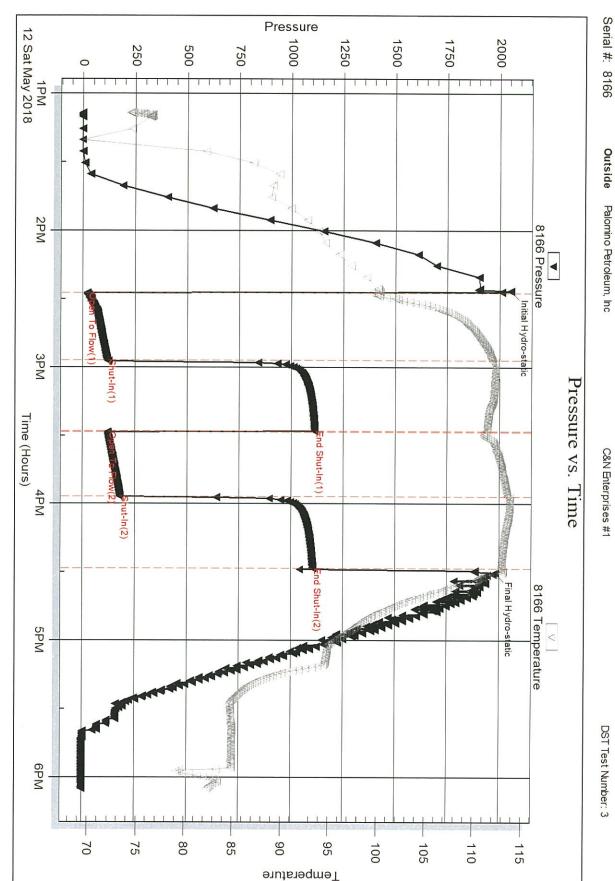
Image: Statub Difference Statub Cold Diagram Tool Description Length (ft) Serial No. Paismine Petroleum, inc 23-16e-36w Wichita, KS Tool Information ATTN: Andrew Stenzel Test Start: 2018.05.12 @ 13:08:16 DST#: 3 Tool Information ATTN: Andrew Stenzel Test Start: 2018.05.12 @ 13:08:16 Tool Weight: 2500.00 ib Pril Collar: Length: 3897.00 ft Diameter: 3.00 inches Volume: 0.00 bbl Weight set on Packer: 30000.00 ib Weight set on Packer: 30000.00 ib Pril Pipe: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Tool Veight set on Packer: 30000.00 ib Weight set on Packer: 30000.00 ib Pril Pipe Above KB: 20.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Botom Packer: 4026.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Botom Packer: 30.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Studb 1.00 4000.00 String Veight: hital 74000.00 lb Final 76000.00 lb Studb 1.00 4005.00 40015.00 String Veight Set on Of Top Packer Studb 1.00 40027.00	ATT A			ואט	LLSIE	WIE51	REPO	rt I	TOOL DIAGRA
Image: New ton, KS 67114 Job Ticket: 63637 DST#: 3 ATTN: Andrew Stenzel Test Start: 2018.05.12 @ 13:08:16 Tool Information Drill Pipe: Length: 3897.00 ft Diameter: 2.75 inches Volume: 0.00 bbl Weight set on Packer: 3000.00 ib Drill Pipe: Length: 122.00 ft Diameter: 2.75 inches Volume: 0.60 bbl Weight set on Packer: 3000.00 ib Drill Pipe Above KB: 20.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight to Pull Loose: 9500.00 ib Drill Pipe Above KB: 20.00 ft Total Volume: 0.52.6 bbl Tool Otased 0.00 ft Depth to Top Packer: 4026.00 ft Total Volume: 55.26 bbl Tool Otased 0.00 ft Depth to Bottom Packer: 31.00 ft Total Volume: 65.26 bbl String Weight initial 74000.00 lb Number of Packers: 31.00 ft String Weight initial 74000.00 lb Final 76000.00 lb Stubb 1.00 4000.00 4000.00 String Weight initial 7400.00 lb String Weight initial 7400.00 lb Jars <					o Petroleum,	Inc		23-16s-36w Wich	nita,KS
Tool Information Tool Information Drill Pipe: Length: 3897.00 ft Diameter: 2.75 inches Volume: 0.00 bbl Weight: 2500.00 lb Heavy Wt. Pipe: Length: 122.00 ft Diameter: 2.75 inches Volume: 0.00 bbl Weight set on Packer: 3000.00 lb Drill Pipe: Length: 122.00 ft Diameter: 2.75 inches Volume: 0.60 bbl Weight to Pailt Loose: 95000.00 lb Drill Pipe Above KB: 20.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Top Packer: 4026.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Bottom Packer: ft Intitiar 74000.00 lb Final 76000.00 lb Interval between Packers: 2 Diameter: 6.75 inches String Weight: ntital Stubb 1.00 4000.00 4000.00 Stubb Jameter: 6.75 inches Stubb 1.00 4000.00 4000.00 Jameter: 5.00 4000.00 Stubb 1.00		 ES1	T ING , INC	New tor	i, KS 67114			Job Ticket: 63637	DST#: 3
Drill Pipe: Length: 3897.00 ft Diameter: 3.80 inches Volume: 54.66 bbl Tool Weight: 2500.00 lb Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.75 inches Volume: 0.00 bbl Weight: set on Packer: 3000.00 lb Drill Collar: Length: 122.00 ft Diameter: 2.75 inches Volume: 0.60 bbl Weight set on Packer: 3000.00 lb Drill Pipe Above KB: 20.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Top Packer: 4026.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Bottom Packer: ft Itimerval betwe ween Packers: 31.00 ft String Weight: Initial 74000.00 lb Tool Length: 58.00 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments: 1.00 4000.00 4000.00 4000.00 4000.00 Stubb 1.00 4001.00 4005.00 4015.00 500 4022.00 27.00 Bottom Of Top Packer Stubb 1.00				ATIN:	Andrew Ste	nzel		Test Start: 2018.05.1	12 @ 13:08:16
Heavy W. Fipe: Length: 0.00 ft Diameter: 2.75 inches Volume: 0.00 bbl Weight set on Packer: 3000.00 b Drill Collar: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight set on Packer: 3000.00 b Drill Pipe Above KB: 20.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Top Packer: 4026.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Bottom Packer: ft Interval between Packers: 31.00 ft Final 76000.00 lb Tool Length: 58.00 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments: 1.00 4000.00 4000.00 Stubb 1.00 4000.00 Stubb 1.00 4000.00 4005.00 Hydraulic tool 5.00 4011.00 Jars 5.00 4015.00 27.00 Bottom Of Top Packer Packer 5.00 4022.00 27.00 Bottom Of Top Packer Packer 0.00 6651 Inside 4027.00 Recorder 0.00 6651	Tool Informatio	n							
Drill Collar: Length: 122.00 ft Diameter: 2.25 inches Volume: 0.60 bbl Weight to Pull Loose: 95000.00 b Drill Pipe Above KB: 20.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Top Packer: 4026.00 ft Total Volume: 55.26 bbl Tool Chased 0.00 ft Depth to Top Packer: 4026.00 ft Final 76000.00 lb Final 76000.00 lb Depth to Bottom Packers: 31.00 ft Tool Length: 56.26 bbl Tool Chased 0.00 ft Number of Packers: 31.00 ft Tool Length: 56.26 bbl Tool Chased 0.00 ft Stubb 31.00 ft Tool Length (ft) Serial No. Position Depth (ft) Accum. Lengths Stubb 1.00 4000.00 4000.00 4001.00 Jars 5.00 4015.00 Stubb 1.00 4022.00 27.00 Bottom Of Top Packer Packer 5.00 4022.00 27.00 Bottom Of Top Packer Stubb 1.00 4027.00 <t< td=""><td>-</td><td>-</td><td>3897.00 ft</td><td>Diameter:</td><td>3.80 ind</td><td>ches Volume:</td><td></td><td>-</td><td>2500.00 lb</td></t<>	-	-	3897.00 ft	Diameter:	3.80 ind	ches Volume:		-	2500.00 lb
Total Volume:55.26 bblTool Chased0.00 ftDrill Pipe Above KB:20.00 ft20.00 ftString Weight:IntialDepth to Top Packer:ftftFinal76000.00 lbDepth to Bottom Packer:ftFinal76000.00 lbInterval betw een Packers:31.00 ft31.00 ftFinalTool Length:58.00 ft58.00 ftFinal76000.00 lbNumber of Packers:2Diameter:6.75 inches6.75 inchesTool DescriptionLength (ft)Serial No.PositionDepth (ft)Accum. LengthsStubb1.004000.004005.004005.004005.00Shuth Tool5.004015.004015.005afety Joint2.0027.00Bottom Of Top PackelStubb1.004022.0027.00Bottom Of Top PackelStubb1.004027.005004027.00Stubb1.004027.004027.004027.005004057.0031.00Bottom Packers & AnchorStubb1.004057.0031.00Bottom Packers & Anchor500500500500500Stubb1.004027.004057.0031.00Bottom Packers & AnchorStubb5.004057.0031.00Bottom Packers & AnchorStubb5.004057.0031.00Stubm Packers & AnchorStubb5.004057.0031.00Stubm Packers & AnchorStubb5.004057.0031.00Stubm Packers & Anchor <t< td=""><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td>v</td><td></td></t<>		-						v	
Drill Pipe Above KB: 20.00 ft String Weight: Initial 74000.00 lb Depth to Top Packer: 4026.00 ft Final 76000.00 lb Depth to Bottom Packers: 31.00 ft Final 76000.00 lb Interval betw een Packers: 31.00 ft String Weight: Initial 74000.00 lb Tool Length: 58.00 ft String Weight: Initial 74000.00 lb Number of Packers: 2 Diameter: 6.75 inches String Weight: Initial 74000.00 lb Tool Length: 58.00 ft String Weight: Initial 74000.00 lb String Weight: Initial 74000.00 lb Stubb 1.00 Final 76000.00 lb String Weight: Initial 74000.00 lb Stubb 1.00 Montervalue String Weight: Initial 74000.00 lb Stubb 1.00 4000.00 String Weight: Initial 74000.00 lb Stubb 1.00 4000.00 4005.00 Stubb Stub 76000.00 Safety Joint 2.00 4017.00 Packer 5.00 4022.00 27.00 Bottom Of Top Packel	Drill Collar:	Length:	122.00 ft	Diameter:	-				
Depth to Top Packer: 4028.00 ft Final 76000.00 lb Depth to Bottom Packer: ft Final 76000.00 lb Interval between Packers: 31.00 ft 58.00 ft Stude Number of Packers: 2 Diameter: 6.75 inches Stude Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths Stubb 1.00 4000.00 4005.00 4005.00 4005.00 Stubb 1.00 4005.00 4015.00 Jars 5.00 4017.00 Safety Joint 2.00 4027.00 27.00 Bottom Of Top Packer Packer 4.00 4027.00 4027.00 Recorder 0.00 8166 Outside 4027.00 Packer 25.00 4052.00 31.00 Bottom Packers & Anchor	Drill Pipe Above K	KB;	20.00 ft			Total Volume:	55.26 bbl		
Depth to Bottom Packer: ft Interval betw een Packers: 31.00 ft Tool Length: 58.00 ft Number of Packers: 2 Zool Comments: 2 Tool Description Length (ft) Stubb 1.00 Stubb 1.00 Stubb 1.00 Shut In Tool 5.00 Hydraulic tool 5.00 Jars 5.00 Safety Joint 2.00 Packer 5.00 Packer 4.00 Advance 4.00 Stubb 1.00 Backer 5.00 Packer 5.00 Packer 5.00 Packer 5.00 Packer 0.00 Stubb 1.00 Advance 4.00 Recorder 0.00 Billinose 5.00 Ballinose 5.00 Ballinose 5.00	Depth to Top Pac	ker:	4026.00 ft						
Tool Length: 58.00 ft Number of Packers: 2 Diameter: 6.75 inches Tool Comments: Comments: Depth (ft) Accum. Lengths Stubb 1.00 4000.00 Stubb 1.00 4005.00 Hydraulic tool 5.00 4010.00 Jars 5.00 4015.00 Stubb 1.00 4022.00 27.00 Bottom Of Top Packer Packer 5.00 4022.00 27.00 Bottom Of Top Packer Packer 4.00 4027.00 4027.00 Bottom Of Top Packer Recorder 0.00 6651 Inside 4027.00 Bottom Of Top Packer Partorations 25.00 4052.00 31.00 Bottom Packers & Anchor	Depth to Bottom F	Packer:	ft					[~]#B	
Number of Packers: 2 Diameter: 6.75 inches Tool Comments: Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths Stubb 1.00 4000.00 Accum. Lengths Accum. Lengths Accum. Lengths Stubb 1.00 4000.00 Accum. Lengths Accum. Lengths Accum. Lengths Stubb 1.00 4000.00 Accum. Lengths Accum. Lengths Accum. Lengths Stubb 1.00 4000.00 Accum. Lengths Accum. Lengths Accum. Lengths Stubb 1.00 4000.00 Accum. Lengths Accum. Lengths Accum. Lengths Jars 5.00 4001.00 Accum. Lengths Accum. Lengths Accum. Lengths Safety Joint 2.00 4017.00 Accum. Lengths Accum. Lengths Accum. Lengths Packer 5.00 4022.00 27.00 Bottom Of Top Packer Stubb 1.00 4027.00 Accum. Lengths Accum. Lengths Recorder 0.00 8166		Packers:	31.00 ft						
Tool Comments: Length (ft) Serial No. Position Depth (ft) Accum. Lengths Stubb 1.00 4000.00 4000.00 4005.00 4005.00 Stubb 5.00 4010.00 4010.00 4015.00 4015.00 Jars 5.00 4017.00 4022.00 27.00 Bottom Of Top Packer Packer 5.00 4026.00 4027.00 4027.00 4027.00 Stubb 1.00 6651 Inside 4027.00 4027.00 Recorder 0.00 8166 Outside 4027.00 4027.00 Stubb 1.00 4052.00 4052.00 4052.00 4052.00	•								
Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths Stubb 1.00 4000.00 4005.00 4005.00 4005.00 4015.00 500 4015.00 500 4017.00 500			0	Diamatar	6 75 ind	ches			
Shut In Tool 5.00 4005.00 Hydraulic tool 5.00 4010.00 Jars 5.00 4017.00 Safety Joint 2.00 4017.00 Packer 5.00 4022.00 27.00 Bottom Of Top Packer 4.00 4027.00 Packer 0.00 6651 Inside 4027.00 Recorder 0.00 8166 Outside 4027.00 Parforations 25.00 4052.00 31.00 Bottom Packers & Anchor		rs:	2						
Hydraulic tool 5.00 4010.00 Jars 5.00 4015.00 Safety Joint 2.00 4017.00 Packer 5.00 4022.00 27.00 Bottom Of Top Packer Packer 4.00 4026.00 4027.00 Bottom Of Top Packer Packer 0.00 6651 Inside 4027.00 4027.00 Recorder 0.00 8166 Outside 4027.00 4052.00 Bulinose 5.00 4057.00 31.00 Bottom Packers & Anchor	Fool Comments:						Depth (ft)	Accum. Lengths	
Jars 5.00 4015.00 Safety Joint 2.00 4017.00 Packer 5.00 4022.00 27.00 Bottom Of Top Packer Packer 4.00 4026.00 8000000000000000000000000000000000000	Fool Comments: Fool Descriptio Stubb			ngth (ft) 1.00			4000.00	Accum. Lengths	
Safety Joint 2.00 4017.00 Packer 5.00 4022.00 27.00 Bottom Of Top Packer Packer 4.00 4026.00 4027.00 Bottom Of Top Packer Packer Stubb 1.00 6651 Inside 4027.00 Feacher Feacher Stubb Bottom Of Top Packer Feacher Stubb Stub Stubb Stubb	Fool Comments: Fool Descriptio Stubb Shut In Tool			ngth (ft) 1.00 5.00			4000.00 4005.00	Accum. Lengths	
Packer 5.00 4022.00 27.00 Bottom Of Top Packer Packer 4.00 4026.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4027.00 4052.00 4052.00 4057.00 31.00 Bottom Packers & Anchor 4057.00 4057.00 31.00 Bottom Packers & Anchor 4057.00 <t< td=""><td>Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool</td><td></td><td></td><td>ngth (ft) 1.00 5.00 5.00</td><td></td><td></td><td>4000.00 4005.00 4010.00</td><td>Accum. Lengths</td><td></td></t<>	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool			ngth (ft) 1.00 5.00 5.00			4000.00 4005.00 4010.00	Accum. Lengths	
Packer 4.00 4026.00 Stubb 1.00 4027.00 Recorder 0.00 6651 Inside 4027.00 Recorder 0.00 8166 Outside 4027.00 Perforations 25.00 4052.00 4057.00 Bottom Packers & Anchor	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool lars			ngth (ft) 1.00 5.00 5.00 5.00			4000.00 4005.00 4010.00 4015.00	Accum. Lengths	
Stubb 1.00 4027.00 Recorder 0.00 6651 Inside 4027.00 Recorder 0.00 8166 Outside 4027.00 Perforations 25.00 4052.00 31.00 Bottom Packers & Anchor	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool Jars Safety Joint			ngth (ft) 1.00 5.00 5.00 5.00 2.00			4000.00 4005.00 4010.00 4015.00 4017.00		
Recorder 0.00 6651 Inside 4027.00 Recorder 0.00 8166 Outside 4027.00 Perforations 25.00 4052.00 4057.00 Bullnose 5.00 4057.00 31.00 Bottom Packers & Anchor	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool lars Safety Joint Packer			ngth (ft) 1.00 5.00 5.00 5.00 2.00 5.00			4000.00 4005.00 4010.00 4015.00 4017.00 4022.00		Bottom Of Top Packer
Recorder 0.00 8166 Outside 4027.00 Perforations 25.00 4052.00 4057.00 31.00 Bottom Packers & Anchor Bullnose 5.00 4057.00 31.00 Bottom Packers & Anchor	Fool Comments: Fool Descriptic Stubb Shut In Tool Hydraulic tool lars Safety Joint Packer Packer			ngth (ft) 1.00 5.00 5.00 2.00 2.00 5.00 4.00			4000.00 4005.00 4010.00 4015.00 4017.00 4022.00 4026.00		Bottom Of Top Packer
Perforations25.004052.00Bullnose5.004057.0031.00Bottom Packers & Anchor	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb			ngth (ft) 1.00 5.00 5.00 2.00 5.00 4.00 1.00	Serial No.	Position	4000.00 4005.00 4010.00 4015.00 4017.00 4022.00 4026.00 4027.00		Bottom Of Top Packer
Bullnose 5.00 4057.00 31.00 Bottom Packers & Anchor	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder			ngth (ft) 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00	Serial No.	Position	4000.00 4005.00 4010.00 4015.00 4017.00 4022.00 4026.00 4027.00		Bottom Of Top Packer
	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder			ngth (ft) 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00	Serial No.	Position	4000.00 4005.00 4010.00 4015.00 4017.00 4022.00 4026.00 4027.00 4027.00		Bottom Of Top Packer
	Fool Comments: Fool Description Stubb Shut In Tool Hydraulic tool lars Safety Joint Packer Packer Stubb Recorder Recorder Parforations			ngth (ft) 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 25.00	Serial No.	Position	4000.00 4005.00 4010.00 4015.00 4017.00 4022.00 4022.00 4027.00 4027.00 4027.00 4027.00	27.00	
	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Bullnose	on	Le	ngth (ft) 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 25.00 5.00	Serial No.	Position	4000.00 4005.00 4010.00 4015.00 4017.00 4022.00 4022.00 4027.00 4027.00 4027.00 4027.00	27.00	
	Fool Comments: Fool Descriptio Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Bullnose	on	Le	ngth (ft) 1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 25.00 5.00	Serial No.	Position	4000.00 4005.00 4010.00 4015.00 4017.00 4022.00 4022.00 4027.00 4027.00 4027.00 4027.00	27.00	

(11) Inilus		RILL STEM TEST	REPORT	-	F	
	BITE Palor	nino Petroleum, Inc		23-16s-36v	/ Wichita,KS	
I EST		SE 84th St ton, KS 67114		C&N Enter	-	
				Job Ticket: 6		DST#: 3
	ATTA	V: Andrew Stenzel		Test Start: 2	018.05.12 @ 13	:08:16
Mud and Cushion Inf	ormation					
Mud Type: Gel Chem		Cushion Type:			Oil A PI:	0 deg APi
Mud Weight: 9.00 I Viscosity: 50.00 s	-	Cushion Length: Cushion Volume:			Water Salinity:	43000 ppm
Water Loss: 7.19 i		Gas Cushion Type:		bbl		
	ohm.m	Gas Cushion Pressur	e:	psig		
Salinity: 40000.00 j						
	inches					
Recovery Information	n	Decover Teble				
	Length	Recovery Table		Volume]	
	ft			bbl		
	189.00	mcw 90%w 10%m		1.540		
	176.00	mw 50%w 50%m		2.469		
	-	5.00 ft Total Volume:	4.009 bbl			
	Im Fluid Samples: 0	Num Gas Bombs:	0	Serial #:		
	boratory Name: covery Comments: .	Laboratory Location	on:			
Re	covery contrients: .	13@80-43000				

Printed: 2018.05.21 @ 13:48:38

Ref. No: 63637



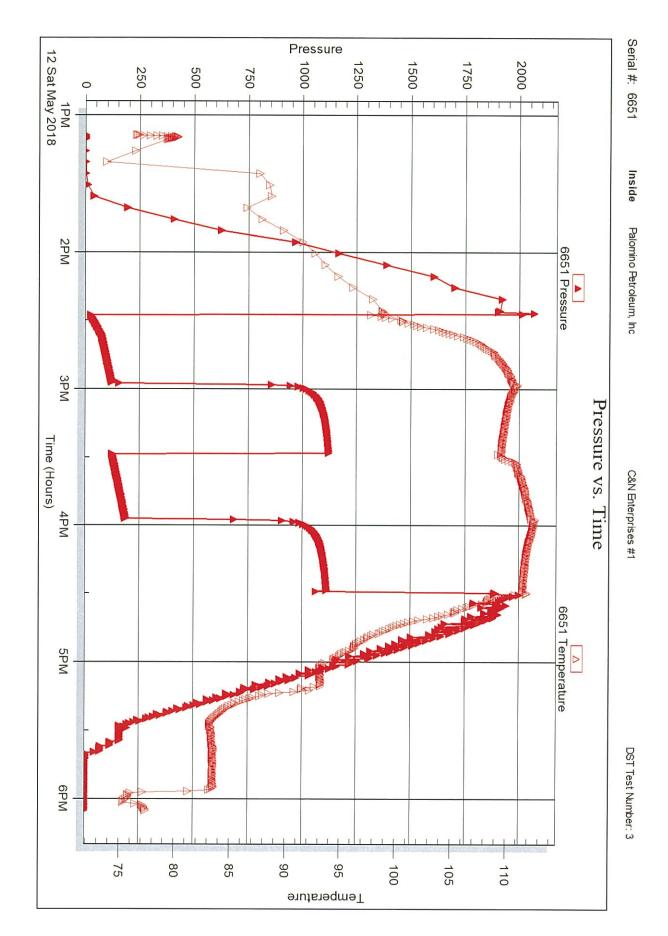


Printed: 2018.05.21 @ 13:48:38

Ref. No: 63637









DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

 Start Date:
 2018.05.13 @ 06:10:42

 End Date:
 2018.05.13 @ 10:55:42

 Job Ticket #:
 63638
 DST #:
 4

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

RILOBITE	DRILL STEM TE						
TESTING, INC	Palomino Petroleum, Inc		23	-16s-36w	v Wichita	a,KS	
	4924 SE 84th St New ton, KS 67114			NEnter	'prises #' 3638	1 DST	#: 4
	ATTN: Andrew Stenzel		Tes	st Start: 20	018.05.13	@ 06:10:4:	2
GENERAL INFORMATION:		-					
Formation: LKC C-F Deviated: No Whipstock: Time Tool Opened: 07:48:42 Time Test Ended: 10:55:42	ft (KB)		Tes	ster:	Conventior Brandon T 79		Hole (Reset)
Interval: 4087.00 ft (KB) To 41 Total Depth: 4152.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole			Ref	erence Ele	evations: to GR/CF:	3267.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8166 Outside Press@RunDepth: 408.99 psig 0 Start Date: 2018.05.13 06:10:47	 4088.00 ft (KB) End Date: End Time: 	2018.05.13 10:55:41	Capacity Last Cali Time On Time Off	ib.: Btm: :	2018.05.13 2018.05.13	2018.05. 3 @ 07:46:	42
Pressure vs. Tr INCOnsure 220 -	#100 Yertpanikas	Time	Pressure	Temp	RE SUMN		•••
(T) 8100 Pisture		Time (Min.) 0		Temp (deg F) 102.75	Annotat	tion Iro-static	
229	PKO Torpankau	(Min.) 0 2	Pressure (psig) 2129.09 142.80	Temp (deg F) 102.75 102.65	Annotat Initial Hyd Open To	lion Iro-static Flow (1)	<u> </u>
220 methods no second s	PTC0 Torppendare PTC0 Torppendare 	(Min.) 0 2 15 46	Pressure (psig) 2129.09 142.80 274.56 1143.88	Temp (deg F) 102.75 102.65 111.86 111.51	Annotat Initial Hyd Open To Shut-In(1 End Shut-	tion Iro-static Flow (1)) -In(1)	
229 100 Hours 170 Ho	Pro Torpanian Pro Torpanian Largenome 10 10 10 10 10 10 10 10 10 10	(Min.) 0 2 15 46 47	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69	Temp (deg F) 102.75 102.65 111.86 111.51 111.19	Annotat Initial Hyd Open To Shut-In(1 End Shut- Open To	tion Flow (1)) -In(1) Flow (2)	
	PRO Transportan PRO Transportan 	(Min.) 0 2 15 46	Pressure (psig) 2129.09 142.80 274.56 1143.88	Temp (deg F) 102.75 102.65 111.86 111.51 111.19	Annotat Initial Hyd Open To Shut-In(1 End Shut- Open To Shut-In(2 End Shut-	tion Flow (1)) -In(1) Flow (2)) -In(2)	
	100 Terrpreser 100 Terrpreser	(Min.) 0 2 15 46 47 61 93	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69 408.99 1139.05	Temp (deg F) 102.75 102.65 111.86 111.51 111.19 115.03 114.22	Annotat Initial Hyd Open To Shut-In(1 End Shut- Open To Shut-In(2 End Shut-	tion Flow (1)) -In(1) Flow (2)) -In(2)	
259 179 179 179 179 179 179 179 17	PTO TOTPOTAN PTO TOTPOTAN 110 110 100 100 100 100 100 10	(Min.) 0 2 15 46 47 61 93	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69 408.99 1139.05	Temp (deg F) 102.75 102.65 111.86 111.51 111.19 115.03 114.22 114.22	Annotat Initial Hyd Open To Shut-In(1 End Shut- Open To Shut-In(2 End Shut- Final Hyd	tion Flow (1)) -In(1) Flow (2)) -In(2)	
239 309 172 309 172 309 172 309 172 309 172 309 172 172 172 172 172 172 172 172	PTO TOTPOTAN PTO TOTPOTAN 110 110 100 100 100 100 100 10	(Min.) 0 2 15 46 47 61 93	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69 408.99 1139.05	Temp (deg F) 102.75 102.65 111.86 111.51 111.19 115.03 114.22 114.22	Annotat Initial Hyd Open To Shut-In(1 End Shut- Ghut-In(2 End Shut- Final Hyd	tion Flow (1)) -In(1) Flow (2)) -In(2)	Gas Rate (Mcf/d)
229 500 Product 700 Product	Pro Terpendan Pro Terpendan 	(Min.) 0 2 15 46 47 61 93	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69 408.99 1139.05	Temp (deg F) 102.75 102.65 111.86 111.51 111.19 115.03 114.22 114.22	Annotat Initial Hyd Open To Shut-In(1 End Shut- Ghut-In(2 End Shut- Final Hyd	tion Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mcf/d)
200 200 200 200 200 200 200 200	PRO Temperature 115	(Min.) 0 2 15 46 47 61 93	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69 408.99 1139.05	Temp (deg F) 102.75 102.65 111.86 111.51 111.19 115.03 114.22 114.22	Annotat Initial Hyd Open To Shut-In(1 End Shut- Ghut-In(2 End Shut- Final Hyd	tion Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mcf/d)
200 200 200 200 200 200 200 200	PRO Temperatur 115 PRO Tem	(Min.) 0 2 15 46 47 61 93	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69 408.99 1139.05	Temp (deg F) 102.75 102.65 111.86 111.51 111.19 115.03 114.22 114.22	Annotat Initial Hyd Open To Shut-In(1 End Shut- Ghut-In(2 End Shut- Final Hyd	tion Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mcf/d)
200 200 200 200 200 200 200 200	PRO Temperature 115	(Min.) 0 2 15 46 47 61 93	Pressure (psig) 2129.09 142.80 274.56 1143.88 273.69 408.99 1139.05	Temp (deg F) 102.75 102.65 111.86 111.51 111.19 115.03 114.22 114.22	Annotat Initial Hyd Open To Shut-In(1 End Shut- Ghut-In(2 End Shut- Final Hyd	tion Flow (1)) -In(1) Flow (2)) -In(2) ro-static	Gas Rate (Mct/d)

RILOBITE	Palomino Petroleum, Inc			40.00	147 1 17		
TESTING , INC			23-	165-360	v Wichita	a,KS	
	4924 SE 84th St New ton, KS 67114				rprises #		
				Ticket: 6		DST#:	1
	ATTN: Andrew Stenzel		les	t Start: 2	018.05.13	@ 06:10:42	
GENERAL INFORMATION:							
[≂] ormation: LKC C-F Deviated: No Whipstock: Time Tool Opened: 07:48:42 Time Test Ended: 10:55:42	ft (KB)		Tes	ter:	Conventior Brandon T 79	nal Bottom Ho `urley	le (Reset)
nterval: 4087.00 ft (KB) To 418 Total Depth: 4152.00 ft (KB) (TV	'D)		Ref	erence E	evations:	3272.00 3267.00	
Hole Diameter: 7.88 inches Hole	Condition: Good			KB	to GR/CF:	5.00	ft
Serial #: 6651 Inside							
Press@RunDepth: psig (- , ,		Capacity			8000.00	psig
Start Date: 2018.05.13 Start Time: 06:10:55	End Date: End Time:	2018.05.13 10:55:49	Last Cali Time On			2018.05.13	
			Time Off				
FS: No return.			Pf	RESSU		MARY	
FS: No return.							
Pressure vs. Tr	0051 Torprake	Time	Pressure	RESSUI Temp	RE SUMM		
Pressure vs. The ODD Hessare		(Min.)			Annotal		
Pressure vs. Tr		(Min.)	Pressure	Temp	Annotal		
Pressure vs. Tr 000 Pressure 200 700 700		(Min.)	Pressure	Temp	Annotal		
Pressure vs. Tr militesan 729 730		• (Min.) •	Pressure	Temp	Annotal		
Pressure vs. Tr		(Min.)	Pressure	Temp	Annotal		
272 Pressure vs. Te 172 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		• (Min.) •	Pressure	Temp	Annotal		
Pressure vs. Tr 0000 Pressure vs. Tr 0000 Pressure 2000 Pressur		(Min.)	Pressure	Temp	Annotal		
279		(Min.)	Pressure	Temp	Annotal		
Pressure vs. The TEPPresum TO TO TO TO TO TO TO TO TO TO		(Min.)	Pressure	Temp	Annotal		
Pressure vs. Tr		(Min.)	Pressure	Temp	Annotal		
Pressure vs. The pressure vs.		(Min.)	Pressure	Temp (deg F)	Annotal		
Pressure vs. Tr		(Min.)	Pressure	Temp (deg F)	Annotal s Rates	tion	s Rate (Mct/ct)
Pressure vs. The The maxe The maxee The ma		(Min.)	Pressure	Temp (deg F)	Annotal s Rates	tion	s Rate (Mcf/d)
Pressnare vs. Te	Image: Arrow of the second s	(Min.)	Pressure	Temp (deg F)	Annotal s Rates	tion	s Rate (Mct/c)
Pressnere vs. Te Transference	Volume (bbl) 2.42	(Min.)	Pressure	Temp (deg F)	Annotal s Rates	tion	s Rate (Mcf/d)
Pressnare vs. Te	Image: Arrow of the second s	(Min.)	Pressure	Temp (deg F)	Annotal s Rates	tion	s Rate (Mcf/d)
Pressnire vs. Te	Image: Arrow of the second s	(Min.)	Pressure	Temp (deg F)	Annotal s Rates	tion	s Rate (Mcl/d)

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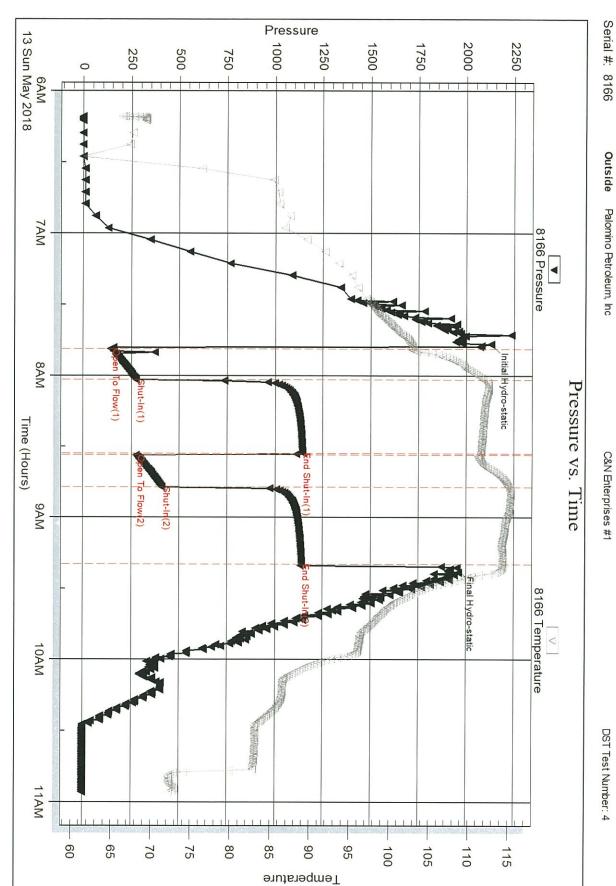
Riloi	TING , INC.	4924 SI	o Petroleum, E 84th St ı, KS 67114	Inc		23-16s-36w Wichi C&N Enterprises # Job Ticket: 63638	
		ATTN:	Andrew Ste	enzel		Test Start: 2018.05.13	3 @ 06:10:42
Tool Information		L					
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:	122.00 ft 28.00 ft 4087.00 ft ft	Diameter:	2.75 ir	iches Volume: iches Volume: iches Volume: Total Volume:	0.00 bb 0.60 bb	Weight set on Pack Weight to Pull Loose	e: 95000.00 lb 0.00 ft I 74000.00 lb
Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	65.00 ft 92.00 ft 2	Diameter:	6.75 ir	iches			
Tool Description	Lei	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb		1.00			4061.00		
Shut In Tool		5.00			4066.00		
Hydraulic tool		5.00			4071.00		
Jars		5.00			4076.00		
Safety Joint		2.00			4078.00		
Packer		5.00			4083.00	27.00	Bottom Of Top Packe
Packer		4.00			4087.00		
Stubb		1.00			4088.00		
Recorder		0.00	6651	Inside	4088.00		
ma a seda a		0.00	8166	Outside	4088.00		
		25.00			4113.00		
Perforations		1.00			4114.00		
Perforations Change Over Sub					4146.00		
Perforations Change Over Sub Drill Pipe		32.00			4147.00		
Perforations Change Over Sub Drill Pipe Change Over Sub		1.00			4450.00	<u>er ee</u> -	
Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Bulinose Total Too	longth				4152.00	65.00 E	Bottom Packers & Anchor

RILOI	DIL Palor				
		nino Petroleum, Inc	23-16s-36v	v Wichita,KS	
		SE 84th St ton, KS 67114	C&N Enter		
			Job Ticket: 6		DST#:4
		k Andrew Stenzel	Test Start: 2	018.05.13 @ 06:	10:42
Mud and Cushion In	formation			· · · · · · · · · · · · · · · · · · ·	
Mud Type: Gel Chem		Cushion Type:		Oil API:	0 deg API
-	lb/gai	Cushion Length:		Water Salinity:	30000 ppm
/iscosity: 50.00 Nater Loss: 7.19) sec/qt	Cushion Volume: Gas Cushion Type:	bbi		
	ohm.m	Gas Cushion Pressure:	psig		
Salinity: 4000.00			polg		
	inches				
Recovery Informatio	'n				
	(···	Recovery Table		1	
	Length ft	Description	Volume bbl		
	252.00	mcw 90%w 10%m	2,424		
	252.00	mw 50%w 50%m	3.535	1	
	325.00	w cm 10%w 90%m	4.559	ļ	
T	otal Length: 82	29.00 ft Total Volume: 10.518	3 bbl		
	lum Fluid Samples: 0	Num Gas Bombs: 0	Serial #:		
	aboratory Name: ecovery Comments: .	Laboratory Location:			
	eeerery continenter .				

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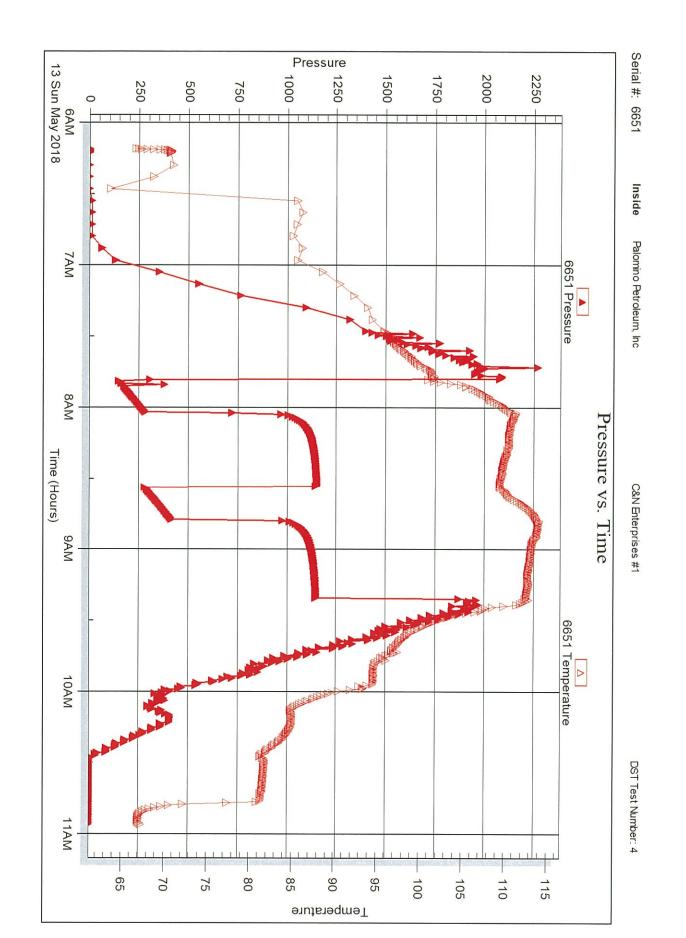
Ref. No: 63638





Outside

Ref. No: 63638





Prepared For:

Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

 Start Date:
 2018.05.13 @ 21:17:24

 End Date:
 2018.05.14 @ 02:32:24

 Job Ticket #:
 63639
 DST #:
 5

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

Printed: 2018.05.21 @ 13:47:53

RILOBITE	DRILL STEM TES			65-3614	Wichita,	ks
ESTING , INC	4924 SE 84th St New ton, KS 67114		C&N	l Enter	prises #1	
	ATTN: Andrew Stenzel			Ficket: 63 Start: 20	3639)18.05.13 @	DST#:5
Formation: LKC H Deviated: No Whipstock: Time Tool Opened: 22:52:54 Time Test Ended: 02:32:24	ft (KB)		Test Teste Unit N	er:	Conventiona Brandon Tur 79	l Bottom Hole (Reset) ley
Interval: 4187.00 ft (KB) To 42 Total Depth: 4224.00 ft (KB) (T\ Hole Diameter: 7.88 inchesHole			Refe		evations: o GR/CF:	3272.00 ft (KB) 3267.00 ft (CF) 5.00 ft
Serial #: 8166 Outside Press@RunDepth: 82.91 psig Start Date: 2018.05.13 Start Time: 21:17:29 TEST COMMENT: IF: 1/4" blow built	End Date: End Time:	2018.05.14 02:32:23	Capacity: Last Calib. Time On B Time Off E	tm:	2 2018.05.13 (2018.05.14 (-
IS: No return. FF: Surface blow FS: No return.						
Pressure vs. T	ime TT #100 Tanpankan				RE SUMMA	ARY
220 FOR Presson 300	HED Temperakan HED Temperakan	Time (Min.) 0 1 32 61 61 90 121 124	Pressure (psig) 2131.53 17.99 64.66 1120.43 68.52 82.91 1098.93 2060.54	110.74 111.15	Shut-In(1)	e-static pw (1) (1) pw (2) (2)
13 Cun May 2016 Time (Hours)				Ga	s Rates	
Recovery	· · · · · · · · · · · · · · · · · · ·			Choke (in	nches) Pressure	e (psig) Gas Rate (Mcf/d
San May 2015 Time (Hans) Recovery Length (ft) Description	Volume (bbl)					I
San My 2018 Time (Han) Recovery	Volume (bbl) 0.60 0.43					·
Length (ft) Description 122.00 w cm 20%w 80%m	0.60					I

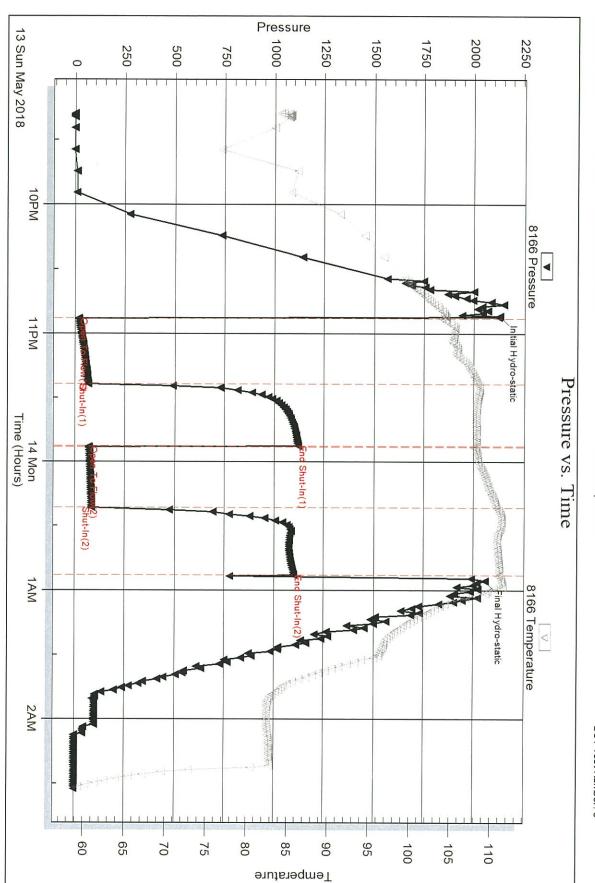
RILOBITE	Palomino Petroleum, Inc		22_1	6c-36w	Wichita	Ke	
ESTING , INC						-	
	4924 SE 84th St New ton, KS 67114		C&N	N Enter	prises#1	1	
			Job 1	Ticket: 63	3639	DST#:	5
	ATTN: Andrew Stenzel		Test	Start: 20)18.05.13 (@ 21:17:24	
GENERAL INFORMATION:							
Formation: LKC H	<i>t</i> + (17D)						
Deviated: No Whipstock: Time Tool Opened: 22:52:54	ft (KB)		Test		Convention Brandon Ti	hal Bottom Ho urlev	le (Reset)
Time Test Ended: 02:32:24			Unit N		79	uney	
Interval: 4187.00 ft (KB) To 42	24.00 ft (KB) (TVD)		Refe	rence Ele	evations:	3272.00	ft (KB)
Total Depth: 4224.00 ft (KB) (TV	-					3267.00	
Hole Diameter: 7.88 inches Hole	Condition: Good			KB t	o GR/CF:	5.00	ft
Serial #: 6651 Inside							
Press@RunDepth: psig (Start Date: 2018.05.13	@ 4188.00 ft (KB) End Date:	2018.05.14	Capacity: Last Calib.			8000.00	psig
Start Time: 21:17:53	End Time:	2018.05.14	Time On B			2018.05.14	
		~m;~ka;−t I	Time Off E				
FS: No return.			PR	ESSUR		IARY	
FS: No return.							
	DBC	Time	PR		E SUMM		
Pressure vs. Ti	022) Tompolev	Time (Min.)	Pressure	ESSUR Temp (deg F)			
Pressure vs. Th			Pressure	Temp			
Pressure vs. Ti	0001 Yongandaru 1000 Yongandaru 1000 Yongandaru 100 Yongandaru 100 Yongandaru		Pressure	Temp			
Pressure vs. Tr	000 Morpinalm	(Min.)	Pressure	Temp			
Pressure vs. Tr 0021 fromm 1000 1	000 Morpinalm		Pressure	Temp			
Pressure vs. Tr		(Min.)	Pressure	Temp			
Pressure vs. Ti 220 100 100 100 100 100 100 100		(Min.)	Pressure	Temp			
Pressure vs. Tr		(Min.)	Pressure	Temp			
Pressure vs. Ti 220 100 100 100 100 100 100 100		(Min.)	Pressure	Temp			
Pressure vs. Tr		(Min.)	Pressure	Temp			
Pressure vs. Tr		(Min.)	Pressure	Temp			
Pressure vs. The DEFINITION OF THE PRESSURE vs. THE DEFINITION O	DE California v 190 190 190 190 190 190 190 190	(Min.)	Pressure	Temp (deg F)			
Pressure vs. The D21 from an room	DE California v 190 190 190 190 190 190 190 190	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	ion	s Rate (Mcf/d)
Pressure vs. The DEFINITION OF THE STATE OF	De la construction de la constru	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	ion	s Rate (Mcf/d)
Pressure vs. The DEFINITION OF THE STATE	De la construir de la construi	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	ion	s Rate (Mct/d)
Pressure vs. The DEFINITION OF THE STATE OF	Image: August	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	ion	s Rate (Mct/d)
Pressure vs. The DEFINITION OF THE STATE OF	Image: August	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	ion	s Rate (Mcf/d)
Pressure vs. The DEFINITION OF THE STATE OF	Image: August	(Min.)	Pressure	Temp (deg F)	Annotati s Rates	ion	s Rate (Mcf/d)

	OBITE	Palomin	o Petroleum	, înc		23-16s-36w W	ichita I	KS
TE F	- STING , INC							
	••••••••	1 1024 00	E 84th St n, KS 67114			C&N Enterpris		
						Job Ticket: 63639)	DST#:5
		ATTN:	Andrew St	enzel		Test Start: 2018.	05.13 @	21:17:24
Tool Information	UNERDINE <u>- UNIX - U</u>	-			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Drill Pipe: Leng	th: 4061.00 ft	Diameter:	3.80 iı	nches Volume:	56.97 bbl	Tool Weight:		2500.00 lb
Heavy Wt. Pipe: Leng	th: 0.00 ft	Diameter:	2.75 i	nches Volume:	0.00 bbl	Weight set on	Packer:	30000.00 lb
Drill Collar: Leng	th: 122.00 ft	Diameter:	2.25 ii	nches Volume:	0.60 bbl	Weight to Pull	Loose:	90000.00 lb
Drill Pipe Above KB:	23.00 ft			Total Volume:	57.57 bbl	Tool Chased		0.00 ft
Depth to Top Packer:	4187.00 ft					String Weight:		70000.00 lb
Depth to Bottom Packer							Final	70000.00 lb
interval between Packe								
Tool Length:	64.00 ft							
Number of Packers:	2	Diameter:	6.75 i	nches				
Tool Comments:								
Tool Comments: Tool Description Stubb	Le	ngth (ft) 1.00	Serial No.		Depth (ft) Ac	ccum. Lengths		
Tool Description	Le	<u> </u>	Serial No.			ccum. Lengths		
Tool Description Stubb Shut In Tool	Le	1.00	Serial No.		4161.00	ccum. Lengths		
Tool Description Stubb Shut In Tool Hydraulic tool	Le	1.00 5.00	Serial No.		4161.00 4166.00	ccum. Lengths		
Tool Description Stubb Shut In Tool Hydraulic tool Jars	Le	1.00 5.00 5.00	Serial No.		4161.00 4166.00 4171.00	ccum. Lengths		
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint	Le	1.00 5.00 5.00 5.00	Serial No.		4161.00 4166.00 4171.00 4176.00	ccum. Lengths		Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer	Le	1.00 5.00 5.00 5.00 2.00	Serial No.		4161.00 4166.00 4171.00 4176.00 4178.00			Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	Le	1.00 5.00 5.00 5.00 2.00 5.00	Serial No.		4161.00 4166.00 4171.00 4176.00 4178.00 4183.00			Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	Le	1.00 5.00 5.00 5.00 2.00 5.00 4.00	Serial No. 6651		4161.00 4166.00 4171.00 4176.00 4178.00 4183.00 4183.00			Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder	Le	1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00		Position	4161.00 4166.00 4171.00 4176.00 4178.00 4183.00 4187.00 4188.00			Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder	Le	1.00 5.00 5.00 5.00 5.00 5.00 4.00 1.00 0.00	6651	Position	4161.00 4166.00 4171.00 4176.00 4178.00 4183.00 4187.00 4188.00 4188.00			Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations	Le	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00	6651	Position	4161.00 4166.00 4171.00 4176.00 4178.00 4183.00 4183.00 4188.00 4188.00 4188.00		Botte	Bottom Of Top Packe
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Bullnose	Le	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 31.00	6651	Position	4161.00 4166.00 4171.00 4176.00 4178.00 4183.00 4183.00 4188.00 4188.00 4188.00 4188.00 4188.00	27.00	Botte	
Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Recorder Perforations Bullnose		1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 31.00 5.00	6651	Position	4161.00 4166.00 4171.00 4176.00 4178.00 4183.00 4183.00 4188.00 4188.00 4188.00 4188.00 4188.00	27.00	Botte	

		ILL STEM TEST REPO	DRT	F	LUID SUMMAR
	raiui	nino Petroleum, Inc	23-16s-36	w Wichita,KS)
I ESTI		SE 84th St on, KS 67114		erprises #1	DOT# #
		: Andrew Stenzel	Job Ticket:		DST#: 5
· M · · · · · · · · · · · · · · · · · ·			Test Start:	2018.05.13 @ 21	:17:24
Aud and Cushion Info	ormation				
/lud Type: Gel Chem /lud Weight: 9.00 &		Cushion Type:	<i>c</i> ,	Oil API:	0 deg API
/lud Weight: 9.00 lk /iscosity: 56.00 s	-	Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	27000 ppm
Vater Loss: 8.79 ir		Gas Cushion Type:	551		
Resistivity: 0.00 o Salinity: 6000.00 p ilter Cake: 1.00 ir	pm	Gas Cushion Pressure:	psig		
Recovery Information					
		Recovery Table		_	
	Length ft	Description	Volume bbl		
	122.00	w cm 20%w 80%m	0.60		
	31.00 al Length: 15	mud oil spots 100%m	0.43	5	

Ref. No: 63639

Trilobite Testing, Inc



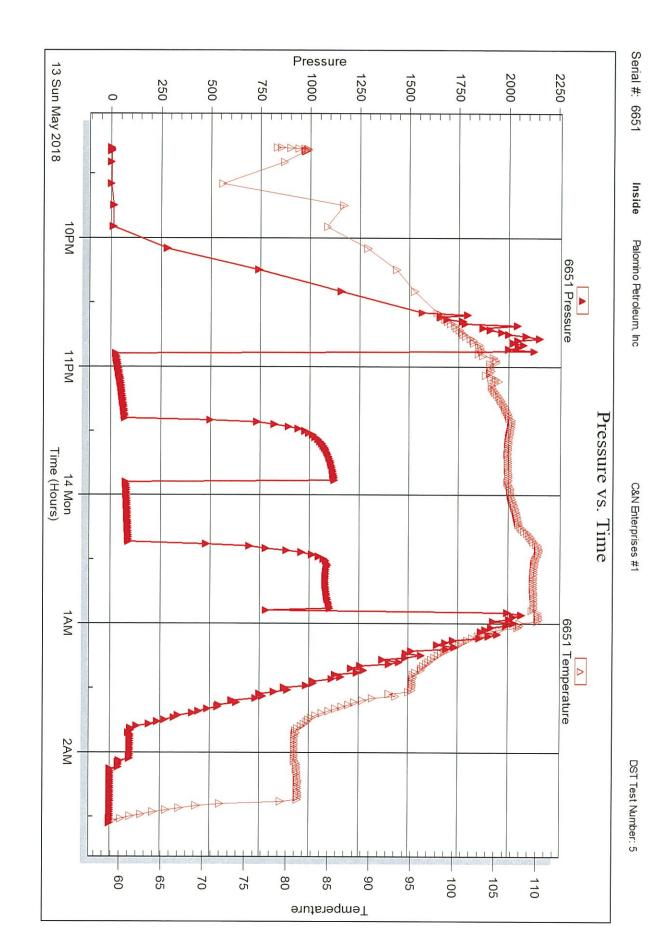
Serial #: 8166

Outside Palomino Petroleum, Inc

C&N Enterprises #1

DST Test Number: 5

Ref. No: 63639





Prepared For:

Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

 Start Date:
 2018.05.14 @ 14:21:47

 End Date:
 2018.05.14 @ 19:27:47

 Job Ticket #:
 63640
 DST #:
 6

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

Printed: 2018.05.21 @ 13:47:28

	RILOBITE	DRILL STEM TE	SI REP					
正式	ESTING , INC.	Palomino Petroleum, Inc		23	-16s-36w	v Wichita,	KS	
	ESTING, INC.	4924 SE 84th St New ton, KS 67114			N Enter	r prises #1 3640	DST#:6	
		ATTN: Andrew Stenzel				018.05.14 @		
		- 1101 1 11 10 10 10 10 10 10 10 10 10 10						
GENERAL INF								
Formation: Deviated: Fime Tool Opened Fime Test Ended:		ft (KB)		Tes	ster:	Conventional Brandon Turi 79		e (Reset)
nterval: 42 Fotal Depth: Hole Diameter:	280.00 ft (KB) To 43 4325.00 ft (KB) (TV 7.88 inches Hele			Ref	erence El		3272.00 3267.00	ft (CF)
					KB1	to GR/CF:	5.00	π
Serial #: 8166 Press@RunDepth Start Date: Start Time:		 4281.00 ft (KB) End Date: End Time: 	2018.05.14 19:27:46	Capacity Last Cali Time On Time Off	ib.: Btm:	2 2018.05.14 @ 2018.05.14 @	_	psig
IEST COMME	NT: IF: BOB in 10 min IS: No return. FF: BOB in 12 min FS: No return.							
	Pressure vs. Ti	DEC B100 Tempendure			RESSUF	RE SUMMA		
200		BT00 Tempendure - 130	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	Π	
2300		- 115	0	(p3ig) 2193.94		Initial Hydro	-static	
1739	-/		1	26.93	103.79	Open To Fk		
17/00		- #8	31	189.66		Shut-In(1)		
1278			62 1 62	1208.37 193.30	117.25	End Shut-In Open To Flo		
NOT 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			3	312.12		Shut-In(2)	JVV (2)	
			91 91	1192.91		End Shut-In	(2)	
			123	2143.69		Final Hydro		
700			1					
500 P +	and the second s							
200 F ⁺	Aru (Stal Tara (Han)							
500 P ⁺ 209 P ⁺ 4 P ⁺ 4 P ⁺ 4 P ⁺ 5 R ⁺ 5 R ⁺ 5 R ⁺ 5 R ⁺ 5 R ⁺	Recovery				1	s Rates		
500 200 200 200 200 200 200 200	Recovery Description				Ga Choke (i		e (psig) Gas	Rate (Mcf/d)
200 1 1 1 1 1 1 1 1 1 1	Recovery Description	мися / 73 отм 714 Volume (bbl) 2.44			1		e (psig) Gas	Rate (Mcf/d)
200 1 200	Recovery Description w 95%w 5%m mw 5%o 75%w 20%m	with 73 ofM 74 Volume (bbl) 2.44 1 2.65			1		e (psig) Gas	Rate (Mcf/d)
200 1 200	Recovery Description w 95%w 5%m mw 5%o 75%w 20%m mw 10%o 70%w 20%	Volume (bbl) 2.44 2.65 m 3.06			1		e (psig) Gas	Rate (Mcf/d)
20 P 20 P	Recovery Description w 95%w 5%m mw 5%o 75%w 20%m	with 73 ofM 74 Volume (bbl) 2.44 1 2.65			1		e (psig) Gas	Rate (Mcf/d)

Trilobite Testing, Inc

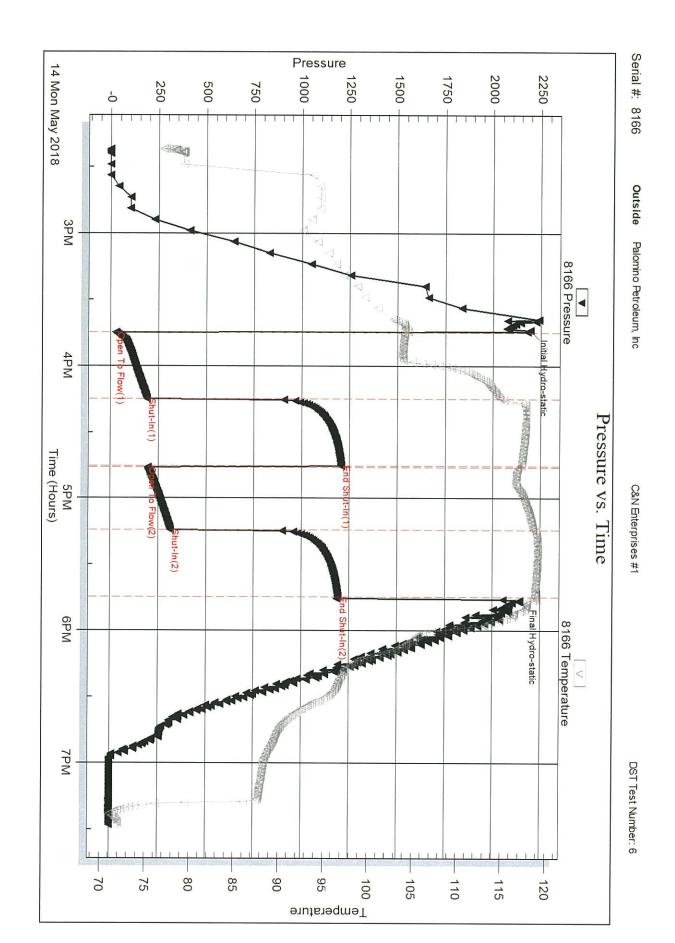
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RILOBITE	DRILL STEM TE				
TESTING, INC	Falonino Fetroleani, inc		23-165-36	w Wichita	1,65
	4924 SE 84th St New ton, KS 67114		C&N Ente	erprises #1	
			Job Ticket:	63640	DST#:6
	ATTN: Andrew Stenzel		Test Start:	2018.05.14 (£ 14:21:47
GENERAL INFORMATION:					
Formation: LKC K					
Deviated: No Whipstock: Time Tool Opened: 15:44:47 Time Test Ended: 19:27:47	ft (KB)		Test Type: Tester: Unit No:	Convention Brandon Tu 79	al Bottom Hole (Reset) urley
nterval: 4280.00 ft (KB) To 43	25.00 ft (KB) (TVD)		Reference I	Elevations:	3272.00 ft (KB)
Total Depth: 4325.00 ft (KB) (TV					3267.00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Good		KE	3 to GR/CF:	5.00 ft
Serial #: 6651 Inside			_		
Press@RunDepth: psig (Start Date: 2018.05.14	@ 4281.00 ft (KB) End Date:	2018.05.14	Capacity: Last Calib.:		8000.00 psig
Start Time: 2010.03,14 Start Time: 14:21:51	End Time:	19:27:45	Time On Btm:		2018.05.14
			Time Off Btm:		
CODE Freshare	COSI Tempendure				
Pressure vs. Th			PRESSL	IRE SUMM	1ARY
	COSI Temperature	T		A	ion
		Time (Min.)	Pressure Temp (psia) (dea F		
		(Min.)	Pressure Temp (psig) (deg F		
	- 110	(Min.)			
	- 10	(Min.)			
	- 110	(Min.)			
	- 10	(Min.)			
		(Min.)			
200 773 200 200 200 200 200 200 200 20		(Min.)	(psig) (deg F)	
		(Min.)	(psig) (deg F) as Rates	ure (psig) Gas Rate (Mc//d)
200 179 500 500 500 500 500 500 500 50		(Min.)	(psig) (deg F) as Rates	
zeo r79 r79 r79 r79 r79 r79 r79 r79	Volume (bbl) 2.44	(Min.)	(psig) (deg F) as Rates	
zeo rra rra rra rra rra rra rra rr	Volume (bbl) 2.44 2.65	(Min.)	(psig) (deg F) as Rates	
200 179 179 179 179 179 179 179 179	Volume (bbl) 2.44 2.65	(Min.)	(psig) (deg F) as Rates	
200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 200 779 218.00 0 cmw 10%0 70%w 20%m	Volume (bbl) 2.44 2.65 m 3.06	(Min.)	(psig) (deg F) as Rates	

RILOB		Palomino	Petroleum		REPOR	23-16s-36w Wichi	TOOL DIAGRAM
EST.	ING , INC	4924 SE Newton	84th St , KS 67114			C&N Enterprises # Job Ticket: 63640	#1 DST#:6
		ATTN:	Andrew S	lenzel		Test Start: 2018.05.14	@ 14:21:47
Tool Information	· · · · · · · · · · · · · · · · · · ·						
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length:	4156.00 ft 0.00 ft 122.00 ft 25.00 ft 4280.00 ft ft 45.00 ft 72.00 ft	Diameter:	2.75	inches Volume: inches Volume: inches Volume: Total Volume:	58.30 bbl 0.00 bbl 0.60 bbl 58.90 bbl	Tool Weight: Weight set on Pack Weight to Pull Loose Tool Chased String Weight: Initia Fina	e: 85000.00 lb 0.00 ft I 70000.00 lb
Number of Packers: Tool Comments:	2	Diameter:	6.75 i	nches			
Stubb Shut in Tool Hydraulic tool Jars		1.00 5.00 5.00 5.00			4254.00 4259.00 4264.00 4269.00		
Safety Joint		2.00			4271.00		
Packer Packer		5.00 4.00			4276.00	27.00	Bottom Of Top Packer
Stubb Recorder Recorder		1.00 0.00	6651	Inside	4281.00 4281.00		
Perforations		0.00 5.00	8166	Outside	4281.00 4286.00		
Change Over Sub Drill Pipe Change Over Sub		1.00 32.00 1.00			4287.00 4319.00 4320.00		
Bullnose		5.00			4325.00	45.00 E	Bottom Packers & Anchor
Total Tool	Length:	72.00					

(/) - 1 ()))	RILOBITE		LL STEM TEST REPO					UID SUMMAF
	ESTING , INC.	Palomir	10 Petroleum, Inc	23-16	s-36w	Wichita	,KS	
	ESTING, INC.		E 84th St	C&N	Enter	orises #1		
		New to	n, KS 67114	Job Tic	ket: 63	640	Ľ	OST#:6
		ATTN:	Andrew Stenzel	Test St	tart: 20	18.05.14 @	⊉ 14:2	1:47
Aud and Cu	ushion Information							
	el Chem		Cushion Type:			Dil API:		0 deg API
/lud Weight:	9.00 lb/gal		Cushion Length:	ft	V	Water Salin	ity:	30000 ppm
/iscosity: Vater Loss:	56.00 sec/qt 8.79 in³		Cushion Volume:	bbl				
vater Loss: Resistivity:	0.00 ohm.m		Gas Cushion Type: Gas Cushion Pressure:	neia				
alinity:	6200.00 ppm		Gas Cushion Pressure:	psig				
ilter Cake:	1.00 inches							
Recovery Ir	nformation							
			Recovery Table					
	Lengt ft	n	Description	Volu bk				
		253.00	mcw 95%w 5%m	1	2.438			
	·····	189.00	ости 5%о 75%w 20%m		2.651			
		218.00	ocmw 10%o 70%w 20%m		3.058			
		1.00	free oil 100%o		0.014			
	Total Length:	661.	00 ft Total Volume: 8,16	51 bbl				
	Num Fluid Sampl	les: 0	Num Gas Bombs: 0	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
		ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	ərial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	ərial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
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	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			
	Laboratory Nam	ie:	Laboratory Location:	Se	erial #:			

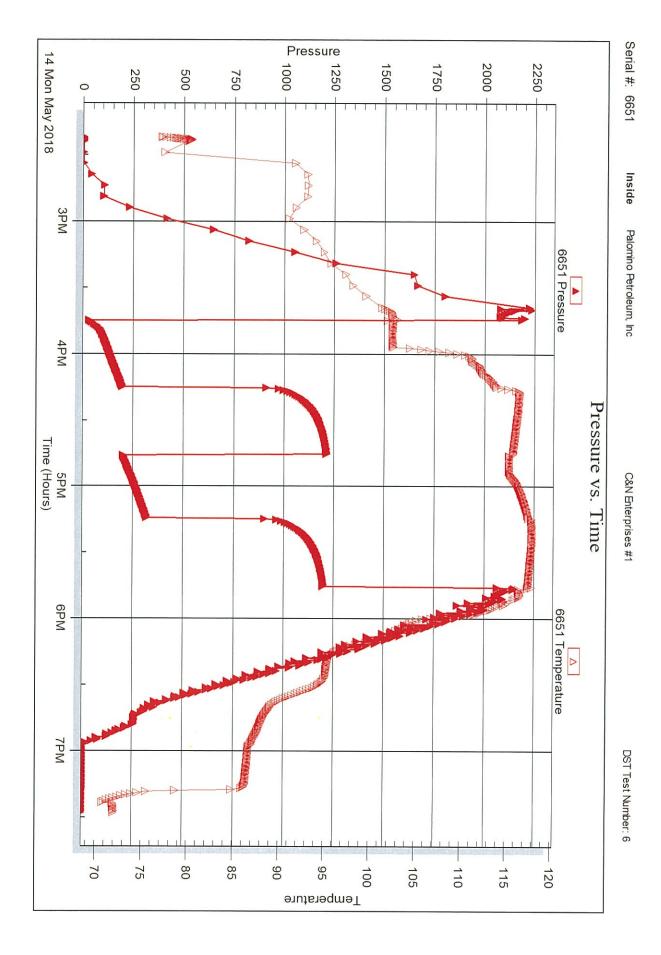
Ref. No: 63640



Ref. No: 63640









Prepared For:

r: Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

 Start Date:
 2018.05.15 @ 16:54:34

 End Date:
 2018.05.15 @ 22:43:34

 Job Ticket #:
 63641
 DST #:
 7

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

Printed: 2018.05.21 @ 13:46:37

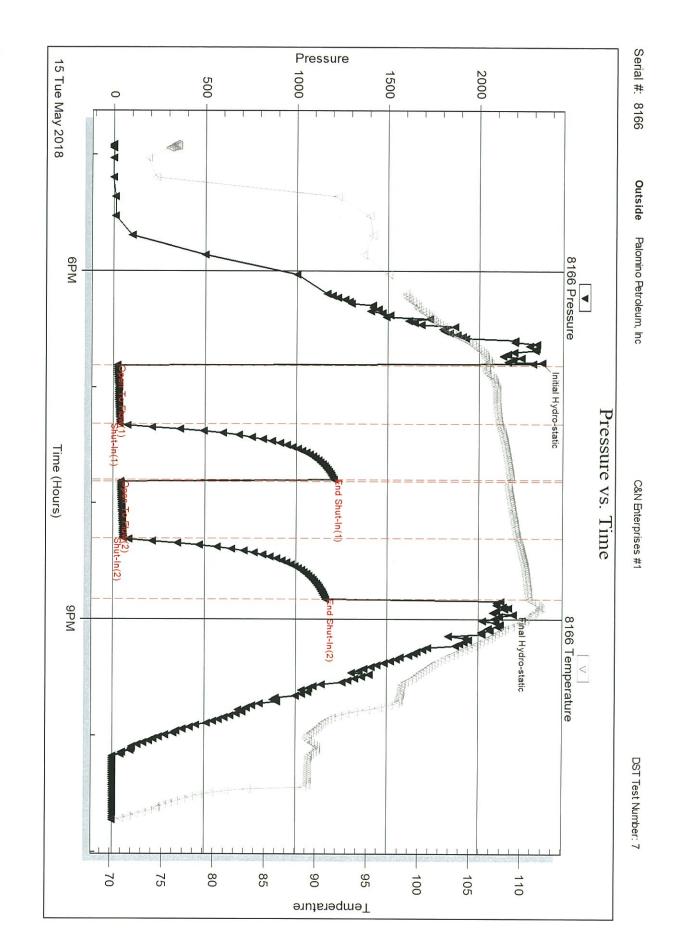
RILOBITE	Palomino Petroleum, Inc		23-1	6s-36w	Wichita,	KS
TESTING , INC.	4924 SE 84th St New ton, KS 67114		C&N		prises #1	DST#:7
	ATTN: Andrew Stenzel)18.05.15 @	
GENERAL INFORMATION:						
Formation: Marmaton Deviated: No Whipstock: Time Tool Opened: 18:48:34 Time Test Ended: 22:43:34	ft (KB)		Test ⁻ Teste Unit N	er:	Conventional Brandon Turi 79	l Bottom Hole (Reset ley
Interval: 4392.00 ft (KB) To 45' Total Depth: 4513.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole			Refer		evations:	3272.00 ft (KB) 3267.00 ft (CF) 5.00 ft
						0.00 ft
Serial #: 8166 Outside Press@RunDepth: 54.58 psig 6 Start Date: 2018.05.15 2018.05.15 Start Time: 16:54:39 16:54:39	 4393.00 ft (KB) End Date: End Time: 	2018.05.15 22:43:33	Capacity: Last Calib. Time On Bl Time Off B	: tm: 2	2 2018.05.15 @ 2018.05.15 @	
TEST COMMENT: IF: 1/4" blow built IS: No return. FF: Surface blow FS: No return.	built to 3/4"					
V MOResure	Allos Tempenária	Time	Pressure	Temp	RE SUMMA	
		(Min.) 0	(psig) 2341.29	(deg F) 106.93	Initial Hydro	-static
500 500 500 500 500 500 500 500	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	700000000 123 127	20.84 35.97 1207.28 40.68 54.58 1161.11 2165.08	107.88 109.03 108.78 109.65 110.81	Shut-In(1) End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro	ow (2) (2)
e Tar May 2015 Three (Harr) Recovery		32 61 62 91 123	35.97 1207.28 40.68 54.58 1161.11	107.88 109.03 108.78 109.65 110.81 111.99	End Shut-In Open To Fic Shut-In(2) End Shut-In	ow (2) (2)
5 The May 2015	volume (bbl)	32 61 62 91 123	35.97 1207.28 40.68 54.58 1161.11	107.88 109.03 108.78 109.65 110.81 111.99	End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro	ow (2) (2) -static
e Tar May 2015 Three (Harr) Recovery	55 56 57 57 57 57 57 57 57 57 57 57 57 57 57	32 61 62 91 123	35.97 1207.28 40.68 54.58 1161.11	107.88 109.03 108.78 109.65 110.81 111.99 Gas	End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro-	ow (2) (2) -static

RILOBITE	DRILL STEM TES	ST REP	ORT	· ,,,,
	Palomino Petroleum, Inc		23-16s-3	6w Wichita,KS
ESTING , INC	4924 SE 84th St New ton, KS 67114			terprises #1
			Job Ticket	
	ATTN: Andrew Stenzel		lest Start	: 2018.05.15 @ 16:54:34
GENERAL INFORMATION:				
Formation:MarmatonDeviated:NoWhipstock:Time Tool Opened:18:48:34Time Test Ended:22:43:34	ft (KB)		Test Type Tester: Unit No:	: Conventional Bottom Hole (Reset) Brandon Turley 79
Interval:4392.00 ft (KB) To45Total Depth:4513.00 ft (KB) (ThHole Diameter:7.88 inchesHole				Elevations: 3272.00 ft (KB) 3267.00 ft (CF) KB to GR/CF: 5.00 ft
Serial #: 6651InsidePress@RunDepth:psigStart Date:2018.05.15Start Time:16:54:24	 4393.00 ft (KB) End Date: End Time: 	2018.05.15 22:43:18	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2018.05.15
TEST COMMENT: IF: 1/4" blow built IS: No return. FF: Surface blow FS: No return.	built to 3/4"			
Pressure vs. T	DEC			URE SUMMARY
229 300 179 400 700 700 700 700 700 700 700	Torquetty Torquetty Torquetty Torquetty Torquetty Torquetty Torquetty Torquetty Torquetty Torquetty Torquetty Torquetty	Time (Min.)	Pressure Tem (psig) (deg	
Recovery			(Gas Rates
Length (ft) Description 80.00 mud 100%m	Volume (bbl) 0.39		Cho	ke (inches) Pressure (psig) Gas Rate (Mcf/d)
Recovery from multiple tests				
Trilobite Testing, Inc	Ref. No: 63641		Diat	ed: 2018.05.21 @ 13:46:37

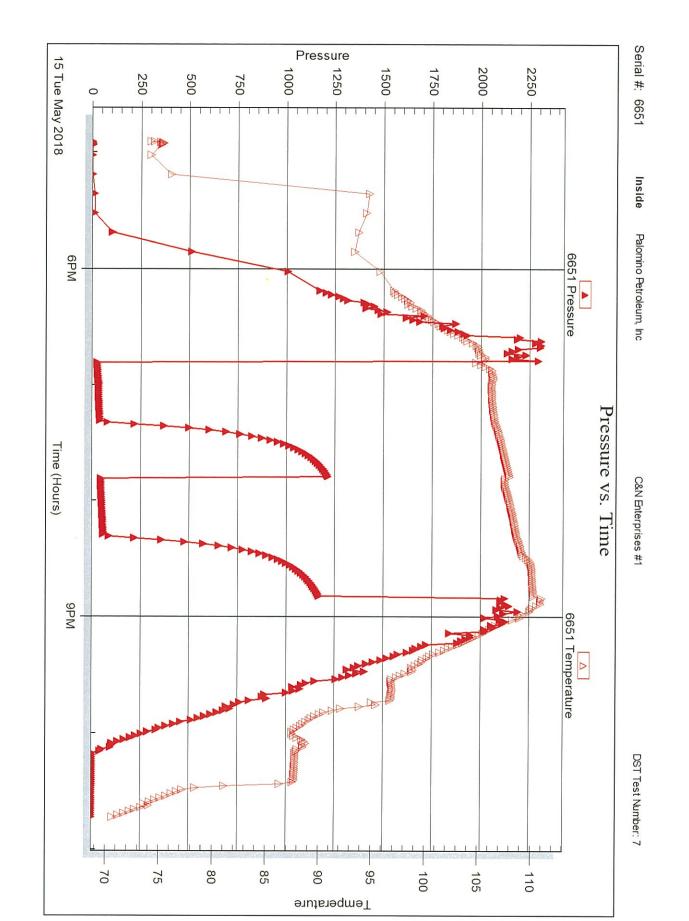
RILO	RITE			EMTEST			TOOL DIAGRA
		Palomin	io Petroleum	, inc		23-16s-36w Wichita	a,KS
EST	FING , INC	4924 S	E 84th St			C&N Enterprises #	1
		New tor	ı, KS 67114			Job Ticket: 63641	DST#:7
		ATTN:	Andrew St	enzel		Test Start: 2018.05.15	@ 16:54:34
Tool Information		[
Drill Pipe: Length:	4252.00 ft	Diameter:	3.80 i	nches Volume:	59.64 bb	I Tool Weight:	2500.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	2.75 i	nches Volume:	0.00 bb	I Weight set on Packe	r: 30000.00 lb
Drill Collar: Length:	122.00 ft	Diameter:	2.25 i	nches Volume:	0.60 bb	Weight to Pull Loose:	85000.00 lb
Drill Pipe Above KB:	9.00 ft			Total Volume:	60.24 bb		0.00 ft
Depth to Top Packer:	4392.00 ft					String Weight: Initial	
Depth to Bottom Packer:	4002.00 ft					Final	72000.00 lb
Interval between Packers:	121.00 ft						
Tool Length:	148.00 ft						
Number of Packers:	2	Diameter:	6.75 i	nches			
Tool Comments:							
Stubb		1.00			4366.00	Accum. Lengths	
Shut In Tool		5.00			4371.00		
Hydraulic tool		5.00			4376.00		
Jars		5.00			4381.00		
Safety Joint		2.00			4383.00		
Packer		5.00			4388.00	27.00	Bottom Of Top Packer
Packer		4.00			4392.00		
Stubb		1.00			4393.00		
Recorder		0.00	6651	Inside	4393.00		
Recorder		0.00	8166	Outside	4393.00		
Perforations		19.00			4412.00		
		1.00			4413.00		
Change Over Sub		94.00			4507.00		
Change Over Sub Drill Pipe					4508.00		
		1.00					ottom Packers & Anchor
Drill Pipe		1.00 5.00			4513.00	121.00 Bo	Duom Packers & Anchor
Drill Pipe Change Over Sub	Length:				4513.00	121.00 Bo	Stom Packers & Anchor
Drill Pipe Change Over Sub Bullnose	Length:	5.00			4513.00	121.00 Bo	Submirackers & Anchor
Drill Pipe Change Over Sub Bullnose	Length:	5.00			4513.00	121.00 Ba	Juon Packers & Anchor
Drill Pipe Change Over Sub Bullnose	Length:	5.00			4513.00	121.00 Bo	JUUM Packers & Anchor
Drill Pipe Change Over Sub Bullnose	Length:	5.00			4513.00	121.00 Ba	Juom Packers & Anchor
Drill Pipe Change Over Sub Bullnose	Length:	5.00			4513.00	121.00 Br	JUUTI Packers & Anchor

			STEM TEST R	EPORT	-		FLUID S	UMMAR
	BITE Paik	mino Petro	oleum, Inc		23-16s-36v	v Wichita,K	S	
		4 SE 84th			C&N Enter	prises #1		
	Nev	ton, KS 6	57114		Job Ticket: 6	3641	DST#:7	
	ATT	N: Andro	ew Stenzel		Test Start: 2	018.05.15 @ 1	6:54:34	
Aud and Cushion Inf	formation		an an anna anna anna anna					
Aud Type: Gel Chem			Cushion Type:			Oil API:		0 deg API
	lb/gal sec/qt		Cushion Length: Cushion Volume:		ft bbl	Water Salinity:		0 ppm
Vater Loss: 8.79			Gas Cushion Type:		55,			
•	ohm.m		Gas Cushion Pressure:		psig			
Salinity: 7000.00 Filter Cake: 1.00	ppm inches							
Recovery Information	n							
			Recovery Table			1		
	Length ft		Description		Volume bbl			
	80.00	mud 1	100%m		0.393			
То	otal Length:	80.00 ft	Total Volume:	0.393 bbl				
	um Fluid Samples: 0		Num Gas Bombs:	0	Serial #:			
	aboratory Name: ecovery Comments:		Laboratory Location	:				

Ref. No: 63641



Ref. No: 63641





Prepared For:

Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

 Start Date:
 2018.05.16 @ 11:25:07

 End Date:
 2018.05.16 @ 16:31:07

 Job Ticket #:
 63642
 DST #:
 8

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

Printed: 2018.05.21 @ 13:46:13

RILOBITE	DRILL STEM TES						
TESTING, INC	Palomino Petroleum, Inc		23-1	16s-36v	v Wichita,	KS	
	4924 SE 84th St New ton, KS 67114			NEnter Ticket: 6	prises #1 3642	DST#:8	
	ATTN: Andrew Stenzel		Test Start: 2018.05.16 @ 11:25:07				
GENERAL INFORMATION:							
Formation: Pawnee-Ft Scott Deviated: No Whipstock: Time Tool Opened: 12:43:37 Time Test Ended: 16:31:07	ft (KB)		Test Test Unit I	er:	Conventiona Brandon Tui 79	al Bottom Hole rley	e (Reset)
nterval: 4507.00 ft (KB) To 46 Fotal Depth: 4610.00 ft (KB) (TV 100 instead in the second in the se	D)		Refe		evations:	3272.00 3267.00	ft (CF)
Hole Diameter: 7.88 inchesHole	Condition: Good			KB	to GR/CF:	5.00	ft
Serial #: 8166 Outside Press@RunDepth: 34.30 psig Start Date: 2018.05.16 Start Time: 11:25:12	4508.00 ft (KB) End Date: End Time:	2018.05.16 16:31:06	Capacity: Last Calib Time On E Time Off E	o.: Btm:	2018.05.16 (2018.05.16 (-	psig
IS: No return. FF: No blow . Flus FS: No return.	hed tool 1/2" blow .	1	<u></u>				
TABABAC TO THE		Time	PR	Temp	RE SUMM		
300		(Min.) 0	(psig) 2352.40	(deg F) 106.92	Initial Hydro	o-static	
		2 31	20.74 27.24	107.47	1 1		
		61 62	857.00 27.78	108.37 108.09	End Shut-Ir Open To Fl		
			34.30		Shut-In(2)		
		121	683.14	109.61	End Shut-Ir Final Hydro		
		123	2292.57	110.41			
550 550 550 550 570 570 570 570			2292.57		s Potes		
			2292.57		s Rates	re (psig) Gas	Rate (Mcf/d)
secovery			2292.57	Ga		re (psig) Gas	Rate (M <i>cfid</i>)
see the second s	Volume (bol)		2292.57	Ga		re (psig) Gas	Rate (Mcf/d)

RILOBITE	Palomino Petroleum, Inc		23-16s-36w	Wichita,KS
TESTING , INC	4924 SE 84th St New ton, KS 67114		C&N Enter	orises #1
	ATTN: Andrew Stenzel			18.05.16 @ 11:25:07
GENERAL INFORMATION:				
Formation: Pawnee- Ft Scott Deviated: No Whipstock: Time Tool Opened: 12:43:37 Time Test Ended: 16:31:07	ft (KB)		Tester: 6	Conventional Bottom Hole (Reset) Brandon Turley 79
nterval: 4507.00 ft (KB) To 467 Total Depth: 4610.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole			Reference Ele KB t	vations: 3272.00 ft (KB) 3267.00 ft (CF) o GR/CF: 5.00 ft
	· · · · · · · · · · · · · · · · · · ·			
Serial #: 6651 Inside Press@RunDepth: psig @ Start Date: 2018.05.16 Start Time: 11:25:05	4508.00 ft (KB) End Date: End Time:	2018.05.16 16:30:59	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2018.05.16
FS: No return.				
Pressure vs. Tu			PRESSUR	E SUMMARY
	THE COLUMN	Time (Min.) (Min.)	PRESSUR Pressure Temp (psig) (deg F)	E SUMMARY Annotation
		1140 (Min.) 1005 1005 100 100 100 100 100 100 100 1	Pressure Temp (psig) (deg F)	
250 300 4 500 500 500 500 500 500 500		1140 (Min.) 1005 1005 100 100 100 100 100 100 100 1	Pressure Temp (psig) (deg F)	Annotation
zza zza zza zza zza zza zza zza	Tool Temperan Tool Temperan To	1140 (Min.) 1005 1005 100 100 100 100 100 100 100 1	Pressure Temp (psig) (deg F)	Annotation

ESTIN		o Petroleum	, Inc		23-16s-36w Wichita	,KS
	1 7067 0	E 84th St 1, KS 67114			C&N Enterprises #1 Job Ticket: 63642	DST#:8
	ATTN:	Andrew St	enzel		Test Start: 2018.05.16 @	
Tool Information	Į					·
Heavy Wt. Pipe: Length:	76.00 ft Diameter: 0.00 ft Diameter: 22.00 ft Diameter:	2.75 i	nches Volume: nches Volume: nches Volume:	61.38 bbl 0.00 bbl 0.60 bbl	Tool Weight: Weight set on Packer Weight to Pull Loose:	90000.00 lb
Depth to Top Packer: 450	18.00 ft 07.00 ft		Total Volume:	61.98 bbl	Tool Chased String Weight: Initial Final	0.00 ft 70000.00 lb 70000.00 lb
Tool Length: 13	ft 03.00 ft 30.00 ft					
Number of Packers: Tool Comments:	2 Diameter:	6.75 ir	nches			
Stubb Shut In Tool	1.00 5.00	, , , , , , , , , , , , , , , , , , ,		4481.00 4486.00	·····	
				4486.00		
Hydraulic tool Jars	5.00			4491.00		
Jais	5.00 2.00			4496.00 4498.00		
Cofoly loint	2.00					
-					27.00	Pottom Of Top Proko
Packer	5.00			4503.00	27.00	Bottom Of Top Packer
Packer Packer	5.00 4.00			4503.00 4507.00	27.00	Bottom Of Top Packer
Packer Packer Stubb	5.00	6651	Inside	4503.00 4507.00 4508.00	27.00	Bottom Of Top Packer
Packer Packer Stubb Recorder	5.00 4.00 1.00	6651 8166	Inside Outside	4503.00 4507.00 4508.00 4508.00	27.00	Bottom Of Top Packer
Packer Packer Stubb Recorder Recorder	5.00 4.00 1.00 0.00	6651 8166		4503.00 4507.00 4508.00	27.00	Bottom Of Top Packer
Packer Packer Stubb Recorder Recorder Perforations	5.00 4.00 1.00 0.00 0.00			4503.00 4507.00 4508.00 4508.00 4508.00	27.00	Bottom Of Top Packer
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub	5.00 4.00 1.00 0.00 0.00 1.00			4503.00 4507.00 4508.00 4508.00 4508.00 4509.00	27.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub	5.00 4.00 1.00 0.00 0.00 1.00 1.00			4503.00 4507.00 4508.00 4508.00 4508.00 4509.00 4510.00	27.00	Bottom Of Top Packer

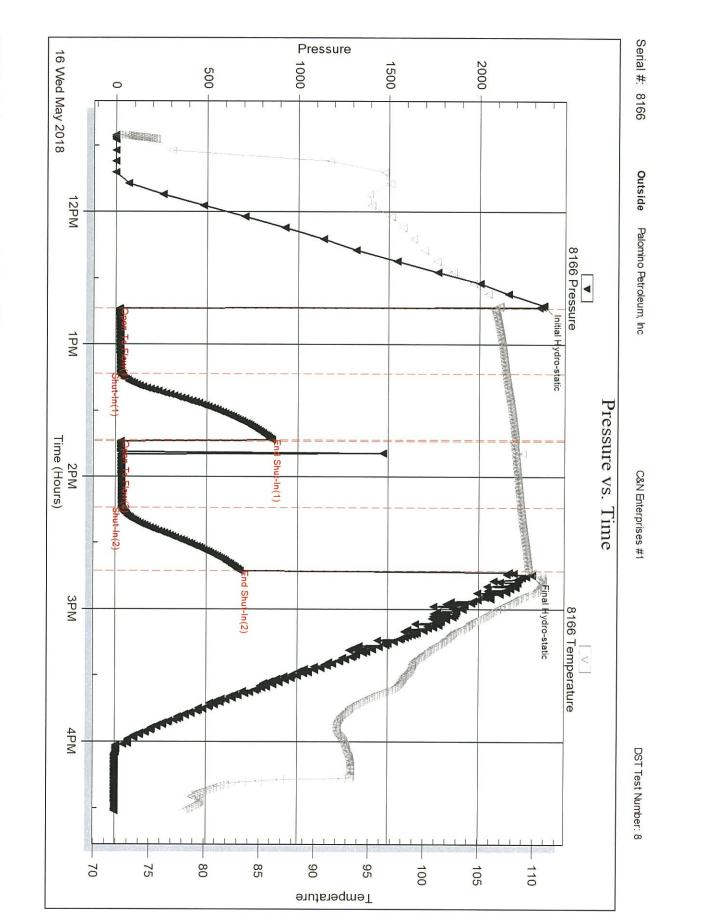
1111	IRIIORHE L		STEM TEST REPO	KI		FLUID SUMMAR	
North Contraction	RILOBITE	Palomino Petro	oleum, Inc	23-16s-3	6w Wichita,K	S	
	ESTING , INC.	4924 SE 84th		C&N Ent	C&N Enterprises #1		
		New ton, KS 6	7114	Job Ticket:	63642	DST#:8	
		ATTN: Andre	ew Stenzel	Test Start:	Test Start: 2018.05.16 @ 11:25:07		
Mud and C	ushion Information						
• •	Sel Chem		Cushion Type:		Oil API:	0 deg API	
/lud Weight: /iscosity:	9.00 lb/gal 54.00 sec/qt		Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	0 ppm	
Vater Loss:	9.59 in ^a		Gas Cushion Type:	001			
Resistivity:	0.00 ohm.m		Gas Cushion Pressure:	psig			
Salinity: Filter Cake:	7800.00 ppm 2.00 inches						
Recovery li	nformation						
	ſ	. <u> </u>	Recovery Table	· · · · · · · · · · · · · · · · · · ·			
	Lengt ft	h	Description	Volume bbl			
		20.00 mud 1	00%m	0.0	98		
	Total Length:	20.00 ft	Total Volume: 0.098	bbl			
	Num Fluid Sampl	les: 0	Num Gas Bombs: 0	Serial	#:		
	Laboratory Nam	e:	Laboratory Location:				



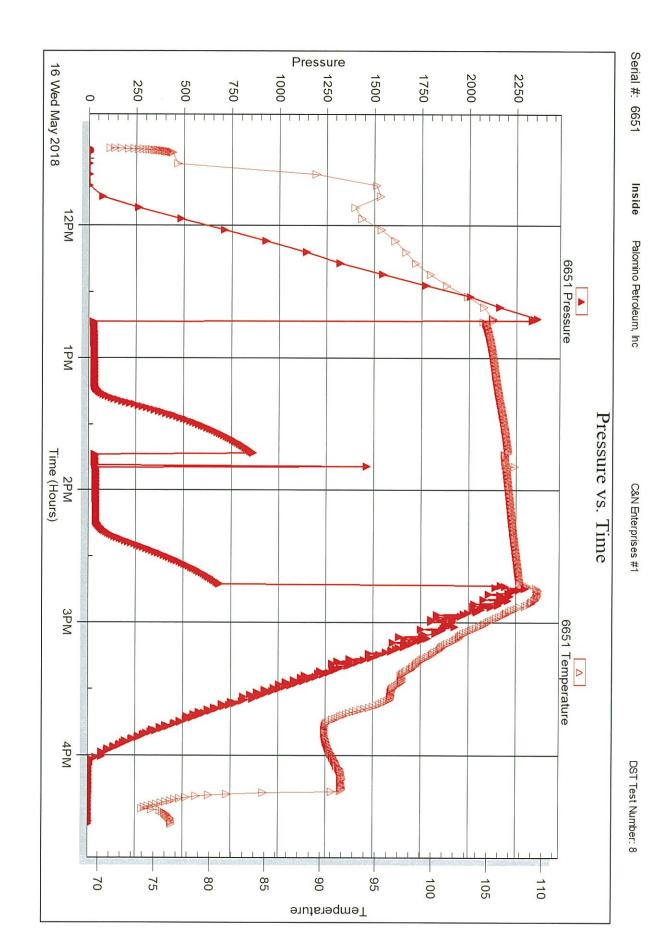
Ref. No: 63642







Ref. No: 63642





Prepared For: Palomino Petroleum, Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

C&N Enterprises #1

23-16s-36w Wichita,KS

Start Date: 2018.05.18 @ 10:18:15 End Date: 2018.05.18 @ 16:08:45 Job Ticket #: 63643 DST #: 9

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

Printed: 2018.05.21 @ 13:45:44

RILOBITE	DRILL STEM TES					
TESTING, INC	Palomino Petroleum, Inc				/ Wichita,KS	
	4924 SE 84th St New ton, KS 67114			N Enter Ticket: 6:	prises #1 3643 DST#:9	
	ATTN: Andrew Stenzel		Test Start: 2018.05.18 @ 10:18:15			
GENERAL INFORMATION:						
Formation: LKC I Deviated: No Whipstock: Time Tool Opened: 12:00:15 Time Test Ended: 16:08:45	ft (KB)		Tes	ter:	Conventional Bottom Hok Brandon Turley 79	e (Reset)
Interval: 4222.00 ft (KB) To 42 Total Depth: 4979.00 ft (KB) (T∨ Hole Diameter: 7.88 inchesHole			Ref	erence Ele KB 1	evations: 3272.00 3267.00 to GR/CF: 5.00	ft (CF)
Serial #: 8166 Outside						
Press@RunDepth: 39.88 psig (Start Date: 2018.05.18 Start Time: 10:18:20	4223.00 ft (KB) End Date: End Time:	2018.05.18 16:08:44	Capacity Last Calil Time On Time Off	o.: Btm: :	8000.00 2018.05.18 2018.05.18 @ 11:57:45 2018.05.18 @ 14:02:15	psig
TEST COMMENT: IF: 1/2" blow built IS: No return. FF: Surface blow FS: No return.	built to 1/2"					
Pressure vs. Tr	TRC 1100 Torporalism	Time				
		(Min.) 0 3 32 62	Pressure (psig) 2357.87 18.54 30.58 1082.98	110.44 111.44 111.78	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1)	
		63 92 123 125	33.15 39.88 1026.22 2181.14	111.99	Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
Den Talante (Construction)	-75 -75					
Recovery				Ga	s Rates	
	Volume (bbl)			Choke (ir	nches) Pressure (psig) Gas	Rate (Mcf/d)
Length (ft) Description		1				
Length (ft) Description 30.00 mud 100%m	0.15					
	0.15					

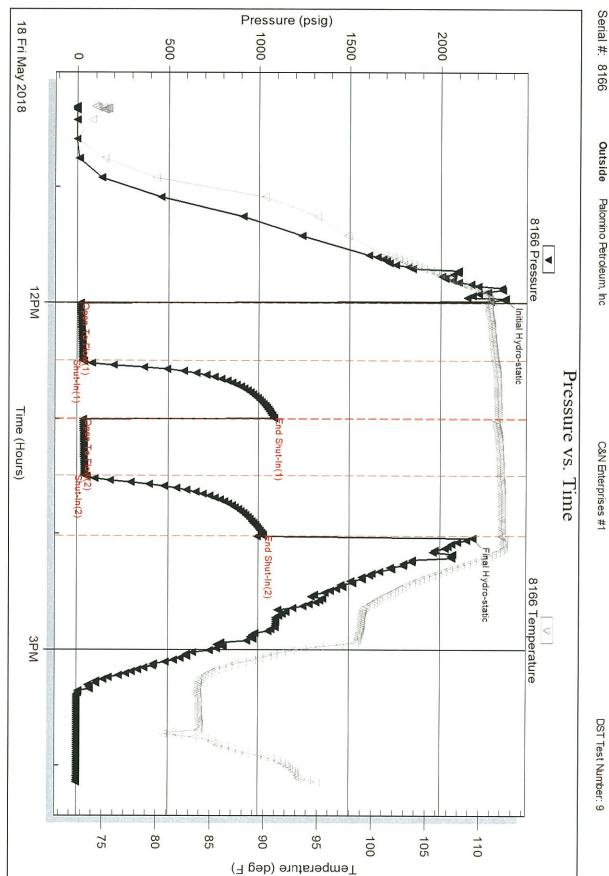
RILOBITE	DRILL STEM TES	TREP	ORT	
	Palomino Petroleum, Inc		23-16s-3	6w Wichita,KS
ESTING , INC	4924 SE 84th St New ton, KS 67114		C&N En Job Ticket	terprises #1 : 63643 DST#:9
	ATTN: Andrew Stenzel			: 2018.05.18 @ 10:18:15
GENERAL INFORMATION:				
Formation:LKC IDeviated:NoWhipstock:Time Tool Opened:12:00:15Time Test Ended:16:08:45	ft (KB)		Test Type Tester: Unit No:	: Conventional Bottom Hole (Reset) Brandon Turley 79
Interval:4222.00 ft (KB) To426Total Depth:4979.00 ft (KB) (TV)Hole Diameter:7.88 inchesHole	D)			Elevations: 3272.00 ft (KB) 3267.00 ft (CF) (B to GR/CF: 5.00 ft
Serial #: 6651InsidePress@RunDepth:psig @Start Date:2018.05.18Start Time:10:18:57	- • •	2018.05.18 16:09:21	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2018.05.18
TEST COMMENT: IF: 1/2" blow built IS: No return. FF: Surface blow FS: No return.				
Pressure vs. Tin [4] (2) Press	BC 0001 Temperature			URE SUMMARY
	Timperbula STM	Time (Min.)	Pressure Tem (psig) (deg	
Recovery			(Gas Rates
Length (ft) Description 30.00 mud 100%m	Volume (bbl) 0.15		Cho	ke (inches) Pressure (psig) Gas Rate (Mcf/d)
Recovery from multiple tests				
Trilobite Testing, Inc	Ref. No: 63643		Printe	ed: 2018.05.21 @ 13:45:45

RILOBITE	Palomino Petroleum, Inc		23-16s-36	w Wichita,KS
ESTING , INC	4924 SE 84th St New ton, KS 67114		C&N Ente	rprises #1
	ATTN: Andrew Stenzel		Job Ticket: (Test Start: :	63643 DST#:9 2018.05.18 @ 10:18:15
	· · · · · · · · · · · · · · · · · · ·			
Formation: LKC I Deviated: No Whipstock: Time Tool Opened: 12:00:15 Time Test Ended: 16:08:45	ft (KB)		Test Type: Tester: Unit No:	Conventional Bottom Hole (Reset Brandon Turley 79
nterval: 4222.00 ft (KB) To 42	60.00 ft (KB) (TVD)		Reference E	Bevations: 3272.00 ft (KB)
Total Depth: 4979.00 ft (KB) (TV			3267.00 ft (CF)	
Hole Diameter: 7.88 inches Hole	Condition: Good			3 to GR/CF: 5.00 ft
Serial #:8650Below (StradePress@RunDepth:psig (Start Date:2018.05.18Start Time:10:18:54		2018.05.18 16:09:18	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2018.05.18
iS: No return. FF: Surface blow FS: No return.	built to 1/2"			
FF: Surface blow	IBC ED ACD Importen	Time		IRE SUMMARY
FF: Surface blow FS: No return.	IBC	(Min.)		Annotation
FF: Surface blow FS: No return.	IDC ACD Umpording	(Min.)	Pressure Temp	Annotation
FF: Surface blow FS: No return.	TIDC ACCO TOMPORAN SCIENCE AND SCIENCE AN	(Min.)	Pressure Temp	Annotation
FF: Surface blow FS: No return.	TBC ACCO Traperson ACCO Trap	(Min.)	Pressure Temp (psig) (deg F	Annotation
FF: Surface blow FS: No return.	TRC ACC INFORMATION ACC INFORMATION A	(Min.)	Pressure Temp (psig) (deg F	Annotation
FF: Surface blow FS: No return.	TBC ACCO Traperson ACCO Trap	(Min.)	Pressure Temp (psig) (deg F	Annotation
FF: Surface blow FS: No return.	TRC ACC INFORMATION ACC INFORMATION A	(Min.)	Pressure Temp (psig) (deg F	Annotation
FF: Surface blow FS: No return.	TRC ACC INFORMATION ACC INFORMATION A	(Min.)	Pressure Temp (psig) (deg F	Annotation
FF: Surface blow FS: No return.	TRC ACC INFORMATION ACC INFORMATION A	(Min.)	Pressure Temp (psig) (deg F	Annotation

	BITE –	Palomino I				23-16s-36w Wid	TOOL DIAGRA
EST FCT	TING , INC	1 alonato 1	en olean,	in c		23-105-30W WIG	cnita,NS
		4924 SE 8				C&N Enterprise	es #1
		New ton, k	(S 67114			Job Ticket: 63643	DST#: 9
		ATTN: A	ndrew Ste	nzel		Test Start: 2018.0	5.18 @ 10:18:15
Tool Information							
Drill Pipe: Length:	4097.00 ft D	iameter:	3.80 in	ches Volume:	57.47 bbl	Tool Weight:	15000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft D		2.75 in	ches Volume:	0.00 bbl	Weight set on P	acker: 30000.00 lb
Drill Collar: Length:	122.00 ft D	iameter:		ches Volume:	0.60 bbl		oose: 90000.00 lb
Drill Pipe Above KB:	19.00 ft			Total Volume:	58.07 bbl		0.00 ft
Depth to Top Packer:	4222.00 ft					String Weight: I	nitial 80000.00 lb Final 80000.00 lb
Depth to Bottom Packer:	ft					r	
Interval between Packers:	757.00 ft						
Tool Length:	779.00 ft						
Number of Packers:	2 D	iameter:	6.75 in	ches			
Tool Comments:							
Tool Description		th (ft) Se	erial No.	Position		Accum. Lengths	
Stubb		1.00			4201.00		
Shut In Tool		5.00			4206.00		
Hydraulic tool	Ę	5.00			4211.00		
.		~ ~ ~					
		2.00			4213.00		
Packer	Ę	5.00			4218.00	22.00	Bottom Of Top Packe
Safety Joint Packer Packer	5	5.00 4.00			4218.00 4222.00	22.00	Bottom Of Top Packe
Packer Packer Stubb	Ę 2	5.00 4.00 1.00			4218.00 4222.00 4223.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder	E 2 2 0	5.00 4.00 1.00 0.00	6651	Inside	4218.00 4222.00 4223.00 4223.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5.00 4.00 1.00 0.00 0.00	6651 8166	Inside Outside	4218.00 4222.00 4223.00 4223.00 4223.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5.00 4.00 1.00 0.00 0.00 2.00			4218.00 4222.00 4223.00 4223.00 4223.00 4225.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5.00 4.00 1.00 0.00 0.00 2.00 1.00			4218.00 4222.00 4223.00 4223.00 4223.00 4225.00 4255.00 4256.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale	2 () () () () () () () () () () () () ()	5.00 4.00 1.00 0.00 2.00 1.00 5.00			4218.00 4222.00 4223.00 4223.00 4223.00 4225.00 4255.00 4256.00 4261.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale	2 	5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00			4218.00 4222.00 4223.00 4223.00 4223.00 4255.00 4256.00 4261.00 4265.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb	2 (((32 1 5 2 1	5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00			4218.00 4222.00 4223.00 4223.00 4223.00 4255.00 4255.00 4256.00 4265.00 4265.00 4266.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations	2 (((32 1 5 2 1 8	5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00 1.00 3.00			4218.00 4222.00 4223.00 4223.00 4223.00 4255.00 4256.00 4261.00 4265.00 4266.00 4266.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub	2 2 2 2 2 2 2 2 2 2 1 2 2 2 1 8 2 2 1 8 1 8	5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00 1.00 3.00			4218.00 4222.00 4223.00 4223.00 4225.00 4255.00 4256.00 4261.00 4265.00 4266.00 4274.00 4275.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe	2 2 2 2 2 2 2 2 2 1 5 2 2 1 5 2 2 1 1 5 2 1 1 5 5 2 1 1 5 5 1 1 5 1 5	5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00 1.00 3.00 1.00 3.00	8166	Outside	4218.00 4222.00 4223.00 4223.00 4225.00 4255.00 4261.00 4265.00 4266.00 4266.00 4274.00 4275.00 4973.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe Recorder	2 (((32 1 5 2 1 5 698 ((5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00 1.00 3.00 1.00 3.00			4218.00 4222.00 4223.00 4223.00 4225.00 4256.00 4266.00 4266.00 4266.00 4274.00 4275.00 4973.00	22.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe Recorder Change Over Sub	2 2 2 2 2 2 2 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 1 8 698 6 98 0 1 1	5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00 1.00 3.00 1.00 3.00 0.00	8166	Outside	4218.00 4222.00 4223.00 4223.00 4255.00 4256.00 4261.00 4265.00 4266.00 4274.00 4275.00 4973.00 4973.00		Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub	2 2 2 2 2 2 2 2 2 2 1 2 2 2 1 2 2 2 1 2 2 2 1 1 8 698 6 98 0 1 1	5.00 4.00 1.00 0.00 2.00 1.00 5.00 4.00 1.00 3.00 1.00 3.00	8166	Outside	4218.00 4222.00 4223.00 4223.00 4225.00 4256.00 4266.00 4266.00 4266.00 4274.00 4275.00 4973.00	22.00	Bottom Of Top Packe

RILOB				REPOR	. 1	FLI	JID SUMMAR
		Palomin	o Petroleum, Inc		23-16s-36	w Wichita,KS	
TEST I EST	TING , INC	4924 SE	E84th St		C&N Ente	rprises #1	
			, KS 67114		Job Ticket:	•	ST#: 9
		ATTN:	Andrew Stenzel		Test Start: 2018.05.18 @ 10:18:15		
lud and Cushion Inf	ormation					······	
/ud Type: Gel Chem			Cushion Type:			Oil A PI:	0 deg API
/lud Weight: 9.00	lb/gal		Cushion Length:		ft	Water Salinity:	0 deg Al 1 0 ppm
iscosity: 56.00			Cushion Volume:		bbl		
Vater Loss: 7.18 i	in³		Gas Cushion Type:				
	ohm.m		Gas Cushion Press	lite:	psig		
alinity: 3000.00 j ilter Cake: 1.00 i	ppm inches						
Recovery Information	1						
·			Recovery Table				
	Length ft	י ר	Description		Volume bbl		
		30.00	mud 100%m		0.14	8	
То	tal Length:	30.0	00 ft Total Volume:	0.148 bbl			
Nu	ım Fluid Sampli	es: 0	Num Gas Bombs	: 0	Serial #	ŧ	
	boratory Name		Laboratory Loca				
Re	covery Comm	ents:					

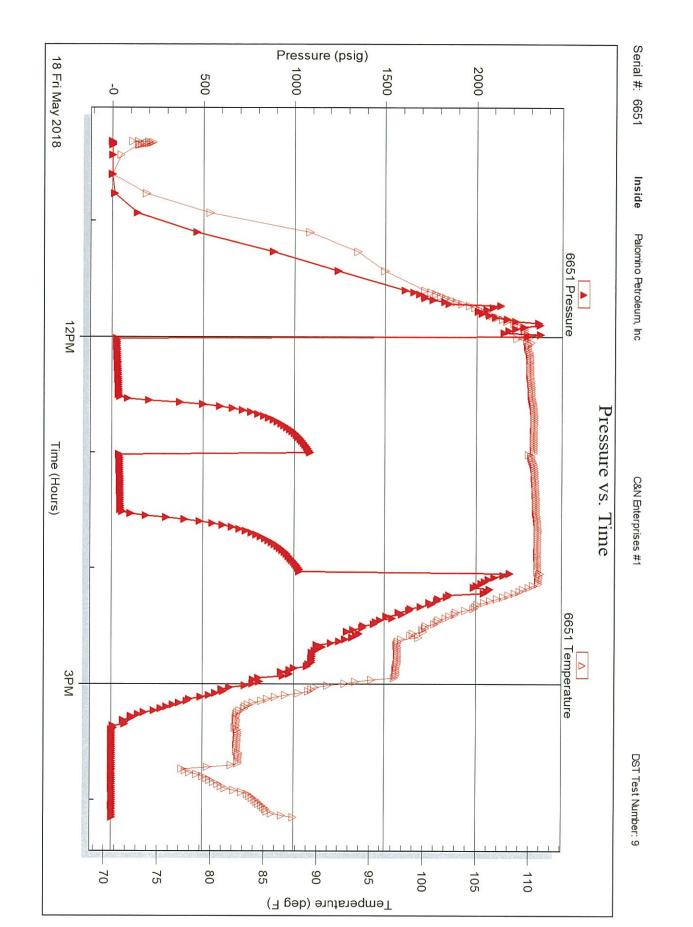
Ref. No: 63643



Printed: 2018.05.21 @ 13:45:46

Ref. No: 63643

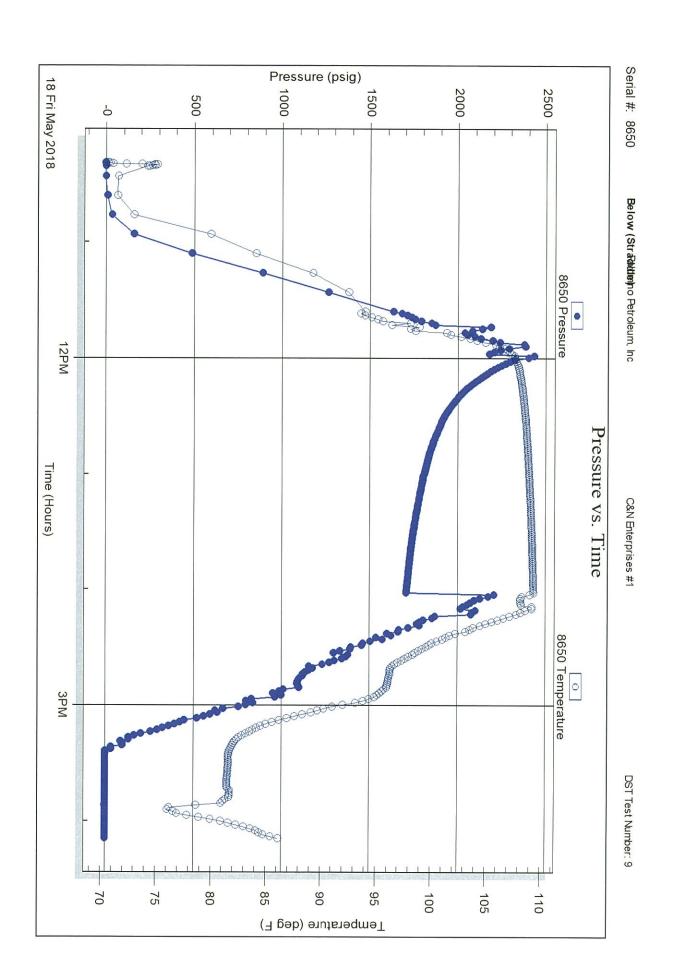






Ref. No: 63643

Trilobite Testing, Inc





RILOBITE STING INC.

1515 Commerce Parkway · Hays, Kansas 67601

Test Ticket

NO.	6	3	6	7	0

- 410 - 41

5

4. 4. W					
Well Name & No. CEN Enterpt 15	Ses #1	Test No	1		2018
company Palonino Petroleur	M, Inc	Elevation	3886	кв 392	
Address 4924 SE 84th St	Newton, K	5 67	114		
Co. Rep/Geo. Andrew Stenzel	<i>t</i>	Rig U	NW #10)	
-	_Rge <u>36w</u>			State	K3
Interval Tested 3886-3928	Zone Tested	Topeka			
Anchor Length 42	Drill Pipe Run			Mud WI. 8.9.	
Top Packer Depth388	Drill Collars Run	i22		Vis56	
Bottom Packer Depth3886		Ø		WL -7.2	
Total Depth 3 92.8				LCM 27	
Blow Description <u>IF</u> : 2"blog			·····,····		
ISI : No return.	· · · · · · · · · · · · · · · · · · ·				
FF! 14" blod					A.L
FSI i No retorn.					
Rec (D) Feet of MUC		%gas	%oil	%water	100 %mud
Rec Feet ol	Oil spots	%gas	%oil	%water	%mud
Rec Feet of	t.	%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%waler	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total / 00 BHT 103	Gravity Al	PI RW	@ <u></u>	Chlorides	-
(A) Initial Hydrostatic 1876	A Test 1050			ocation _ 10 0	
(B) First Initial Flow 1 9	1 Jars_250		T-Start	ed102	7
(C) First Final Flow35	Safety Joint75		T-Oper	1136	>
(D) Initial Shut-In (0.31	Circ Sub			d <u> 13 40</u>)
(E) Second Initial Flow30	Hourly Standby		T-Out	1458	
(F) Second Final Flow	Mileage 69 RT		Comm	ents	·
(G) Final Shut-In 735	Sampler				
(H) Final Hydrostatic1\$61	G Straddle		· · · · · · · · · · · · · · · · · · ·		
	G Shale Packer			ined Shale Packer	
Initial Open	Extra Packer			ined Packer	
Initial Shut-In3()	 Extra Recorder 			ra Copies tal 0	
Final Flow	Day Standby				·
Final Shut-In	Accessibility			ST Discit	· · · · · · · · · · · · · · · · · · ·
	Sub Total 1444				· · · · · · · · · · · · · · · · · · ·
			· / /		

4/10	RILOBITE ESTING INC 1515 Commerce Parkwa		iys, Kansas 6760	1	Test	636		
Well Name & No Company <i>P</i> _2/07 Address	1 0 1		LIAC	Test No Elevation	Z 32.72	Date	5-11-18 3267	GL
Co. Rep / Geo	17 115		7/11/	Rig (WW7	510	1-1	
	<u>-3</u> Twp <u>-6</u>	Rge		Co Wi	CBITT	S	tate 52	
Interval Tested 397	4 4023 U9		Zone Tested	70501	170		8.9	
Anchor Length	7/	-	Drill Pipe Run	3837		Mud Wt		
Top Packer Depth	3969		Drill Collars Run	122		Vis	a second s	
Bottom Packer Depth	3717	,	Wt. Pipe Run	10		WL	7.2	
Total Depth	4023			00 P	pm System	LCM	2	
Blow Description	IF; Bob in		min. 5	6.7				
	1. 2 12	rn	1 1.1	//				
F5	· DOB IN Y		in. 46'	-				
Rec 355 F	and the providence of the second s	-	ots on top	2 %gas	%oil	40 0	60	
	eet of MCW	070		%gas	%oil	00	water 60	%mud %mud
RecF	eet of			%gas	%oil	%	water	%mud
	eet of			%gas	%oil		water	%mud
Rec F	eet of			%gas	%oil	%	water	%mud
Rec Total985		Grav	rity A	PI RW . 16	062.	Chlorides	55,000	, ppm
(A) Initial Hydrostatic	1960	ত	Test1150		T-On L		23:45	
(B) First Initial Flow	79	M	Jars250		T-Start		00:3Z	
(C) First Final Flow	297	Ø	Safety Joint75	5			2.22	
(D) Initial Shut-In	1056	*	Circ Sub			d4		
(E) Second Initial Flow _	297	a	Hourly Standby		T-Out	6.	121	
(F) Second Final Flow _	463		Mileage 69-		Comm	ents		
(G) Final Shut-In	1039		Sampler					
(H) Final Hydrostatic	1912		Straddle					
			Shale Packer		- 110		Packer	
Initial Open 30			Extra Packer					
	30		Extra Recorder					
Final Flow	70		Day Standby			1544		
Final Shut-In	30		Accessibility			ST Disc't		
98 - 1990 - 1776 - 1776 - 1776 - 1989 - 1997			b Total		WIF/US	ST DISCT	7	
				and the second se		2>	ting	

4/10 RILOBITE ESTING INC	C. ay ∙ Hays, Kansas 67601	Tesi NO.	t Ticket 63637	
Location: Sec. 23 Twp 165 Interval Tested 4026 400 Anchor Length 31 Top Packer Depth 4021 Bottom Packer Depth 4051 Total Depth 4051	CUM Eleva Conzel Rig Rge. 36 Co. Co. 57 Zone Tested Drill Pipe Run 38 Drill Collars Run 12 Wt. Pipe Run 12	tion 3272 <i>WW</i> <i>Wichitt</i> <i>sing A</i> - <i>97</i> 2	KB_3267 KB_3267 StateKS StateKS S Mud WtO VisSO WLZ LCM	8GL
IS! No return	23 min, 1.	3 ''	50 %water 50	⊃ _{%mud}
Rec 189 Feet of MCW	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		90 %water 10	%mud
Rec Feet of	%9	as %oil	%water	%mud
Rec Feet of	%g	as %oil	%water	%mud
Rec Feet of	%g	as %oil	%water	%mud
Rec Total 365 BHT 113	Gravity API RW	15 @ 80 °F	- Chlorides 43,000	ppm
(A) Initial Hydrostatic 2053	Test1150		ocation 12:45	
(B) First Initial Flow 2/	Jars250	T-Start	.7100	
(C) First Final Flow/15	Safety Joint 75	T-Oper	14:26	
(D) Initial Shut-In /// 3	Circ Sub MIL	T-Pulle	d_16:26	
(E) Second Initial Flow//8	Hourly Standby	T-Out	18:05	
(F) Second Final Flow //27	Mileage 69_ 69	Comm	ents	
(G) Final Shut-In	Willeage 87 C			
1907	G Sampler			
(H) Final Hydrostatic	Straddle		ined Shale Packer	
30	Shale Packer		ined Packer	
Initial Open	C Extra Packer	tand has A	tra Copies	
-70	Extra Recorder	Sub To	otal 0	
Final Flow	Day Standby	Total	1544	
Final Shut-In30		MP/DS	ST Disc't	
	Sub Total 1544			
Approved Bu	Our Denress	tables a		

Approved By ______ Our Representative ______ Tritobite 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.

ATIO ATION AND ATION ATI				icket 63638	
Well Name & No. CON Enter Company Polomino Petron Address	prises #/	Test No4 Elevation32.7	Da	ate <u>5-13-</u> KB <u>326</u> 7	18
Co. Rep/Geo. Andrew Sten	201	Rig Grl	1#1	0	
Location: Sec. 23 Twp 165	- / / /	Wichin	- ATT	StateK	5
Interval Tested 4087 415	Z Zone Tested L M	sing. C.	-F		
Anchor Length65	Drill Pipe Run	3966		WI. 9.0	
Top Packer Depth 4082	Drill Collars Run				
Bottom Packer Depth 4081	7 Wt. Pipe Run		WL	7,2	
Total Depth 41/52	Chlorides 400	ppm Syste	in LCM	1 2	
Blow Description IF: Bob in 3 IS: NO return	min. 40"				
	3 min, 42/2'	//			
FS: No return					
Rec_ 325 Feet of WCM		%gas	%oil	6 %water	0 %mud
Rec 252 Feet of MW			%oil 5	-	50 %mud
Rec. 252 Feet of MCW		%gas	_{%oil} 9	O %water /	10 %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 829 BHT 114		w-28@5	7°F Ch	orides 30,00) ല _ppm
(A) Initial Hydrostatic 2/29	Test 1150		-On Locatio	on <u>5:4</u>	5
(B) First Initial Flow	Jars250		-Started _	6:10	
(C) First Final Flow 274	Safety Joint75		ŀOpen	7:47	
(D) Initial Shut-In	Circ Sub NIL	-	-Pulled	<u> </u>	
(E) Second Initial Flow 223	Hourly Standby		F-Out	10:57	
(F) Second Final Flow 408	Mileage 69-	69	Comments		
(G) Final Shut-In	G Sampler				
(H) Final Hydrostatic 1952	Straddle		7 Buland	Chalo Daekar	
	G Shale Packer			Shale Packer Packer	
Initial Open	Extra Packer			packer	
Initial Shut-In3D	C Extra Recorder		Sub Total	0	
Final Flow 15	Day Standby			544	
Final Shut-In 30	Accessibility			isc't	
	Sub Total 1544		~		
Anormod Ru	Our Dear		2		

Approved By ______ Our Representative ______ Trilobite 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.

4/10	RILOBITE ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 67601		Test NO.	Ticket 63639	
Company <u>R-lom</u> Address	7 4224 37 4182	M Rge. 36 W Zone Tested Drill Pipe Run Drill Collars Run Wt. Pipe Run	Elevation <u>32</u> Rig <u>k</u> Co. <u>Wick</u> 4061 122 200 ppm System	72 W#, H H V V	_кв_ <u>3267</u>	GL
15 F F F5:	No return	n. 10W built 2.		%oil %oil	%waler /00 20 %waler 80	%mud %mud
Rec Fe	et of		%gas	%oil	%water	%mud
Rec Fe	net of Met of З ВНТ/// /З/				%water %water Chlorides <u>27,000</u> ation <u>20,145</u>	
 (B) First Initial Flow	1120	Jars 250 ☑ Jars 75 ☑ Safety Joint 75 ☑ Circ Sub 100 ☑ Hourly Standby 100 ☑ Mileage 290 ☑ Sampler 100 ☑ Straddle 100	<i>11</i> 69	T-Started T-Open T-Pulled T-Out Commen	71.1N	
Initial Open Initial Shut-In Final Flow Final Shut-In	30	Shale Packer Extra Packer Extra Recorder Day Standby Accessibility Sub Total1544		Extra Sub Total Total	ed Packer Copies 0 1544 Disc't	

Approved By ______Our Representative _______ Tritobite 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.

4/10	RILOBITE ESTING INC 1515 Commerce Parkwa		01	NO.	63640	
Well Name & No Company Address	CON Enter Iomino Peti Andrew Ste	roleum	Elevation	6 3272 WW=	_Date <u>5-/7</u> KB_ <u>326</u> #/0	4-18 7
	23 Twp 165			i'chitt		KS
Interval Tested 429	80 432		Lonsing	K		
Anchor Length		Drill Pipe Run	4156	>	Mud Wt. 9.0	
Top Packer Depth		Control Container I and	122		Vis <u>56</u>	
Bottom Packer Depth		with the truth			WL 8.8	>
Total Depth	432:	Chiondes 6			LCM	
Blow Description	IFI BOB i	n 10 min	, 26	1/2 11		
And the second	3: No retur					
F	F: B0B in 1:	2 min. 2	411			
F	5% No retur	n.				
Rec	Feet of Free O,	7	%gas	100 %oil	%water	%mud
Rec 2/8	Feet of OCMW		%gas	10 %oil	70 %water	20%mud
Rec89	Feet of ocma		%gas	5 %oil	25 %water	20 %mud
Rec 253	Feet of MCL		%gas	%oil	95 %water	5 %mud
Rec	Feet of		%gas	%oil	%water	%mud
Rec Total 66		Gravity	API RW 123	3@ 70 °F	Chlorides 30.	,000 ppm
(A) Initial Hydrostatic_	2193	Test1150		T-On Lo	ocation 13.	45
(B) First Initial Flow	26	Jars250		T-Starte	ed	2/
(C) First Final Flow	189	Safety Joint 7	5	T-Open	15:4	14
(D) Initial Shut-In	1208	Circ Sub	11	T-Pulle	d	4
(E) Second Initial Flow	, <u>193</u>	Hourly Standby		T-Out	17:27	
(F) Second Final Flow	312	Mileage 69	_ 69	Comm	ents	
(G) Final Shut-In	1192	Sampler				
(H) Final Hydrostatic_	2143	G Straddle			and Chalo Daeker	
		Shale Packer			ned Shale Packer	
Initial Open	•	C Extra Packer			ned Packer	
Initial Shut-In	30	C Extra Recorder _		1.00 La / 1	ra Copies tal0	
Final Flow	30	Day Standby			1544	
Final Shut-In	30	Accessibility			ST Disc't	
		Sub Total 1544				21
Assessed Dec		0				

AVIO			Test Tic NO. 63	cket 3641	
Well Name & No. CAN Enterp Company Palomino Petrol Address	eum				
Co. Rep/Geo. Andrew Stc.	nzel	_ Rig_ 414	UH10		
Location: Sec. 23 Twp 165		o. Wich.	:+&	_State _ KS	
Interval Tested 4392 451					
Anchor Length 12/	Drill Pipe Run			1. 9.2	
Top Packer Depth 4387	Drill Collars Run			- 4	
Bottom Packer Depth 4392				8.8	
Total Depth 4513	Chlorides 700	ppm Sys	stem LCM_	2	
Blow Description IF: 14 blow b	wilt to Z.				
Is: NO return	L.				
FF: Surface blow	N built to	3/4,			
FSI No return					
Rec 80 Feet of Mud		%gas	%oil	%water 100	%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 Total 80 BHT 110	Gravity API	RW@	F Chlori	des	ppm
(A) Initial Hydrostatic 2341	Test 1150			14:05	
(B) First Initial Flow20	Jars 250		T-Started	16:54	
(C) First Final Flow35	Safety Joint 75		T-Open	18:47	
(D) Initial Shut-In	Circ Sub	12	anda	20:47	
(E) Second Initial Flow	Hourly Standby 2		T-Out	2:45	
(F) Second Final Flow54	Mileage 80 -		Comments		
(G) Final Shut-In	Sampler				
(H) Final Hydrostatic2/65	G Straddle				
	G Shale Packer			ale Packer	
Initial Open	C Extra Packer			cker	
Initial Shut-In30	Extra Recorder		Sub Total	95	
Final Flow 30	Day Standby		Total 154		
Final Shut-In	Accessibility		MP/DST Disc	:'1	
	Sub Total 1544			1	
Approved By	00		5<	6	

4/10 RILOBITE ESTING INC. 1515 Commerce Parkway			Test Ti	cket 3642	
Company PaloMino Petroles Address	Rge. <u>36</u> <u>C</u> Zone Tested <u>P</u> Drill Pipe Run <u>C</u> Drill Collars Run <u>C</u> Wt. Pipe Run <u>Chlorides 78</u>	со. <u>Wichi</u> whee - 122 60 ppm Sys бо рил	2KB 2 # / C 4 & F + 5 co F + 5 co Mud W Vis WL stem LCM 14 + 0	3267 	GL
FS. No retur Rec. 20 Feet of Mud	<u>n</u> u	%gas	%oil	%water /0	Ø%mud
Rec Feet of Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of Rec Feet of		%gas%gas	<u>%oil</u> %oil	%water	%mud %mud
Rec Feet of		%gas	%oil	%water	%mud
(A) Initial Hydrostatic 2352 (B) First Initial Flow 20 (C) First Final Flow 217 (D) Initial Shut-In 857 (E) Second Initial Flow 217 (F) Second Final Flow 34 (G) Final Shut-In 683 (H) Final Hydrostatic 2292 Initial Open 30 Final Flow 30 Final Flow 30 Final Shut-In 30 Final Shut-In 30	 Test 1150 Jars 250 Safety Joint 75 Circ Sub 100 Hourly Standby 100 Hourly Standby 100 Mileage 80 Sampler 100 Straddle 100 Shale Packer 100 Extra Packer 100 Extra Recorder 100 Day Standby 100 Accessibility 100 	69	T-Started T-Open T-Pulled T-Out Comments Comments Ruined Sh Ruined Pa Extra Copi Sub Total0 Total154	11:20 11:25 12:44 14:44 14:44 13:3 ale Packer cker es	
Account Du	Sub Total		2	\swarrow	

4/10	RILOBITE ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 6760	1	NO. 6		
Company 4 Address	<u>Andrew</u> 57 <u>3</u> Twp <u>16</u> 22 <u>426</u> <u>38</u> 4227 4260 4979	roleum fenzel Rge. 36 ^w O Zone Tested Drill Pipe Run Drill Collars Run Wt. Pipe Run Chlorides 80 Suilt to	<u>co.</u> <u><i>W</i>; <i>c</i>/</u> <u><i>L</i> <u>m</u> <u>sing</u> <u>4097</u> <u>122</u> <u>00</u> ppm S</u>	-72KB <i>WW</i> # ,'79 -F Mud W Vis WL	$\frac{3267}{51}$	GL
FF.	Vo return,	The second se	to 1/2 .			
	eet of Mud		%gas	%oil	%water 10	∽%mud
Rec F	eet of		%gas	%oil	%water	%mud
Rec F	eet of		%gas	%oil	%water	%mud
Rec F	eet of		%gas	%oil	%water	%mud
Rec F	eet of		%gas	%oil	%water	%mud
 (A) Initial Hydrostatic (B) First Initial Flow (C) First Final Flow (D) Initial Shut-In (E) Second Initial Flow (F) Second Final Flow (G) Final Shut-In (H) Final Hydrostatic Initial Open Final Flow Final Flow Final Shut-In 	30	Extra Recorder Day Standby Accessibility	2 69+69 500 200	T-Out Comments 25.ng +o Q5.ng +o Q5.ng +o Ruined Sh Ruined Sh Ruined Pa Extra Copi	10:18 12:00 14:00 1:10 1:10 9:10 9:10 9:10 4:00 1:10 9:18 4:00 4:10 1:10 1:10 1:10 1:10 1:10 1:10	
		Sub Total				

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4924 SE 84th St. • Newton, Kansas 67114-8827 (316) 799-1000 • FAX (316) 799-2728

Lease Activity Report for Frye for the period of 10/1/2017 to 5/31/2018

Account		Debits	Credits
Frye			
10/1/2017	The Western Cooperative Electric Association, Inc power	\$180.43	
10/1/2017	Bradee's Pumping Service, L.L.C contract pumping	\$225.00	
10/1/2017	Palomino Petroleum, Inc overhead	\$325.00	
10/10/2017	Nalco Company - 55 gal. emulsion breaker	\$1,087.37	
10/31/2017	October 2017 LOE		\$5,109.00
10/31/2017	Trego County Treasurer - 2017 Ad Valorem Taxes (half)	\$3,291.20	
11/1/2017	The Western Cooperative Electric Association, Inc power	\$170.82	
11/1/2017	Bradee's Pumping Service, L.L.C contract pumping	\$225.00	
11/1/2017	Palomino Petroleum, Inc overhead	\$325.00	
11/23/2017	Home Oil Co share of grease	\$3.19	
11/30/2017	November 2017 LOE		\$1,004.48
11/30/2017	KIOGA - share of annual membership dues	\$16.40	
11/30/2017	Nalco Company - truck treat	\$264.07	
12/1/2017	Western Coop. Electric Assn power	\$190.07	
12/1/2017	Bradee's Pumping Service, L.L.C contract pumping	\$225.00	
12/1/2017	Palomino Petroleum, Inc overhead	\$325.00	
12/22/2017	Bradee's Pumping Service, L.L.C Christmas bonus	\$100.00	
12/23/2017	Nalco Company - 21 gal. emulsion breaker	\$585.55	
12/27/2017	Walker Tank Service, Inc pulled 80 bbls. producd water from gunbarrel	\$356.00	
12/31/2017	December 2017 LOE		\$1,781.62
1/1/2018	The Western Cooperative Electric Association, Inc power	\$155.87	
1/1/2018	Bradee's Pumping Service, L.L.C contract pumping	\$225.00	
1/1/2018	Palomino Petroleum, Inc overhead	\$325.00	

Home (785) 798-3400	Andrew Stenzel Geologist Ness City, Kansas
	Scale 1:240 (5''=100') Imperial Measured Depth Log
Well Id: Location: License Number: Spud Date:	
Bottom Hole Coordinates: Ground Elevation (ft): Logged Interval (ft): Formation: Type of Drilling Fluid:	MISSISSIPPI

OPERATOR

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

GEOLOGIST

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

Drilling Report

DAILY DRILLING REPORT: 5/7/18 MIRU, ran surface casing 5/8/18 Drilling @ 693' 5/9/18 Drilling @ 2724' 5/10/18 Drilling @ 3476' 5/11/18 DST #1 5/12/18 DST #2, DST #3 5/13/18 DST #4 5/14/18 DST #5, DST #6 5/15/18 Circulating for samples @ 4462', DST #7 5/16/18 Drilling @ 4590', DST #8 5/17/18 Drilling @ 4762' 5/18/18 Ran electric logs, DST #9, Plugged & Abandoned RIG: WW Drilling, Rig #10

MUD: MUDCO LOGS: Gemini Wireline

Casing Record

SURFACE Casing: Ran 6 jts new 8 5/8", 23# casing @ 261'.

PRODUCTION Casing: None

Sample T	ops	Log To	ps
Anhy.	2510 (+762)	Anhy.	2454 (+818)
Base Anhy.	2527 (+745)	Base Anhy.	2524 (+748)
Tarkio	3610 (-338)	Tarkio	3610 (-338)
Topeka	3737 (-465)	Topeka	3739 (-467)
Heebner	3976 (-704)	Heebner	3977 (-705)
Toronto	3994 (-722)	Toronto	3995 (-723)
Lansing	4022 (-750)	Lansing	4025 (-753)
Muncie Cr	4193 (-921)	Muncie Cr	4200 (-928)
Stark Sh	4287 (-1015)	Stark Sh	4287 (-1015)
BKC	4369 (-1097)	BKC	4371 (-1099)
Marmaton	4431 (-1159)	Marmaton	4429 (-1157)
Pawnee	4512 (-1240)	Pawnee	4515 (-1243)
Myrick St	4552 (-1280)	Myrick St	4551 (-1279)
Ft. Scott	4568 (-1296)	Ft. Scott	4572 (-1300)
Cher. Sh.	4597 (-1325)	Cher. Sh.	4598 (-1326)
Morrow Sh	4739 (-1467)	Morrow Sh	4738 (-1466)
Miss.	4804 (-1532)	Miss.	4807 (-1535)
rtd	4978 (-1706)	LTD	4979 (-1707)

RILOBITE	DRILL STEM TE	SIREP	ORT			
	Palomino Petroleum, Inc		23	-16s-36v	v Wichita,	,KS
ESTING , INC	4924 SE 84th St New Ion, KS 67114			SN Enter	rprises #1 3670	DST#:1
	ATTN: Andrew Stenzel				018.05,11 @	
GENERAL INFORMATION:						
Formation: Tope ka Deviated: No Whipstock: Time Tool Opened: 11:36:00 Time Test Ended: 14:58:00	ft (KB)		Tes	ster:	Conventiona Bradley Wal 79	al Bottom Hole (Initial) ter
Total Depth: 3928.00 ft (KB) (TV	28.00 ft (KB) (TVD) D) Condition: Good		Rei	ference B	evations: 10 GR/CF:	3272.00 ft (KB) 3267.00 ft (CF) 5.00 ft
Serial #: 8522 Inside Press@RunDepth: 52.96 psig 52.96 psig Start Date: 2018.05.11 Start Time: 10:12:05	 3887.00 ft (KB) End Date: End Time: 	2018.05.11 14:57:59	Capacity Last Cali Time On Time Off	ib.: Bim :	2018.05.11 (2018.05.11 (
TEST COMMENT: IF; 2" blow . ISI: No return. FF: 1 1/4" blow . FSI: No return						
Premise yn Th					RE SUMMA	
		Time (Min.) 0 1	Pressure (psig) 1875.52	Temp (deg F) 98.92	Annotatio	-static
		30 64	18.91 35.36 1030.54 30.33 52.96 984.96 1860.67	99.35 100.74 100.08 101.37 102.50	Open To Fic Shut-In(1) End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro-	(1) ow (2) (2)
Recovery		30 64 95 125	35.36 1030.54 30.33 52.96 984.96	99.35 100.74 100.08 101.37 102.50 102.52	Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In	(1) ow (2) (2)
cee ree ree ree ree ree ree ree	Volumn (bb/)	30 64 95 125	35.36 1030.54 30.33 52.96 984.96	99.35 100.74 100.08 101.37 102.50 102.52	Shut-In(1) End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro-	(1) bw (2) (2) -static
read of the second seco		30 64 95 125	35.36 1030.54 30.33 52.96 984.96	99.35 100.74 100.08 101.37 102.50 102.52 Gas	Shut-In(1) End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro-	(1) bw (2) (2) -static
cee ree ree ree ree ree ree ree	Volumn (bb/)	30 64 95 125	35.36 1030.54 30.33 52.96 984.96	99.35 100.74 100.08 101.37 102.50 102.52 Gas	Shut-In(1) End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro-	(1) bw (2) (2) -static
cee ree ree ree ree ree ree ree	Volumn (bb/)	30 64 95 125	35.36 1030.54 30.33 52.96 984.96	99.35 100.74 100.08 101.37 102.50 102.52 Gas	Shut-In(1) End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro-	(1) bw (2) (2) -static
cee ree ree ree ree ree ree ree	Volumn (bb/)	30 64 95 125	35.36 1030.54 30.33 52.96 984.96	99.35 100.74 100.08 101.37 102.50 102.52 Gas	Shut-In(1) End Shut-In Open To Fic Shut-In(2) End Shut-In Final Hydro-	(1) bw (2) (2) -static

RILOBITE	DRILL STEM T	CO I					
	Palomino Petroleum, Inc			23	-16s-36y	v Wichita,	KS
ESTING , INC				C8	N Enter	rprises #1	
	New Ion, KS 67114			Job	Ticket 6	3636	DST#:2
	ATTN: Andrew Stenzel			Tes	at Start: 2	018.05.12 @	00:32:41
GENERAL INFORMATION:							
Formation: Toronto							
Deviated: No Whipstock: Time Tool Opened: 02:23:11 Time Test Ended: 06:20:41	ft (KB)			Tes	st Type: ster: t No:	Conventiona Brandon Tur 79	il Bottom Hole (Reset) rley
nterval: 3974.00 ft (KB) To 40	23.00 ft (KB) (TVD)			Ref	erence B	evations:	3272.00 ft (KB)
fotal Depth: 4023.00 ft (KB) (TV	(D)						3267.00 ft (CF)
Ible Diameter: 7.88 inchesHole	Condition: Good				KB	to GR/CF:	5.00 ft
Serial #: 8166 Outside							
tess@RunDepth: 463.82 psig itart Date: 2018.05.12	@ 3975.00 ft (KB) End Date:	20	018.05.12	Capacity Last Cali			8000.00 psig 2018.05.12
Start Time: 00:32:46	End Time:		06:20:40	Tima On		2018.05.12 (
				Time Off	Bim	2018.05.12 (@ 04:25:41
		m	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	n
Prensuse vn T	ATE Serveral			PI	RESSU	RE SUMM	ARY
		m			Temp (deg F)	1	n
		**	0	1960.66		Initial Hydro Open To Fi	
w _ + €		**	2	79.92		I Uben Io H	
	4		31	297.39	114.29		0.7(1)
			63	297.39 1056.76	114.29 113.19	Shut-In(1) End Shut-Ir	n(1)
	1 January 1	9 % 9	63 64	297.39 1056.76 297.12	114.29 113.19 112.93	Shut-In(1) End Shut-In Open To Fi	n(1)
	1 January 1	a li sa g	63	297.39 1056.76	114.29 113.19 112.93 114.88 114.36	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	n(1) aw (2) n(2)
	1 January 1	1	63 64 92	297.39 1056.76 297.12 463.82	114.29 113.19 112.93 114.88 114.36	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2)	n(1) aw (2) n(2)
	1 January 1	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	n(1) aw (2) n(2)
	1 January 1	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	n(1) aw (2) n(2)
	1 January 1	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	n(1) aw (2) n(2)
	1 January 1	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	n(1) aw (2) n(2)
	1 January 1	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36 114.02	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	n(1) aw (2) n(2)
ne like 299	Volume (bbs)	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36 114.02 Ga	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	n(1) ow (2) n(2) H-static
And the 2011 The descent plane And the desce	Volume (bbi) 7.73	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36 114.02 Ga	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	n(1) ow (2) n(2) H-static
Recovery Length (ft) Description 630.00 mcw 90%w 10%m	Volume (bbi) 7.73	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36 114.02 Ga	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	n(1) ow (2) n(2) H-static
And the 2011 The descent plane And the desce	Volume (bbi) 7.73	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36 114.02 Ga	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	n(1) ow (2) n(2) H-static
Ar the 2011 The provide state of the state	Volume (bbi) 7.73	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36 114.02 Ga	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	n(1) ow (2) n(2) H-static
and favore 2014 The fa	Volume (bbi) 7.73	1	63 64 92 122	297.39 1056.76 297.12 463.82 1039.13	114.29 113.19 112.93 114.88 114.36 114.02 Ga	Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir Final Hydro	n(1) ow (2) n(2) H-static

RILOBITE	DRILL STEM TI	EST REP	PORT
	Palomno Petroleum, Inc		23-16s-36w Wichita,KS
ESTING , INC	4924 SE 84th St Newton, KS 67114		C&N Enterprises #1 Job Ticket: 63637 DST#:3
	ATTN: Andrew Stenzel		Test Start: 2018.05.12 @ 13:08:16
GENERAL INFORMATION:			
Formation: LKC A-B Deviated: No Whipstock: Time Tool Opened: 14:27:16 Time Test Ended: 18:04:46	ft (KB)		Test Type: Conventional Bottom Hole (Reset) Tester: Brandon Turley Unit No: 79
Interval: 4026.00 ft (KB) To 40 Total Depth: 4057.00 ft (KB) (Tv Hole Diameter: 7.88 inchesHole			Reference Bevations: 3272.00 ft (KB) 3267.00 ft (CF) KB to GR/CF: 5.00 ft
Serial #: 8166 Outside			
Press@RunDepth: 177.92 psig (Start Date: 2018.05.12 Start Time: 13:08:21	 4027.00 ft (KB) End Date: End Time: 	2018.05.12 18:04:45	
TEST COMMENT: IF: BOB in 20 min. IS: No return. FF: BOB in 23 mir FS: No return.			
Ртеление та 15 СТ.) БРОбания	TRACE		PRESSURE SUMMARY
		Time (Min.) (Min	21.92 99.34 Open To Flow (1) 115.61 111.94 Shut-In(1) 1113.17 111.42 End Shut-In(1) 118.56 111.11 Open To Flow (2) 177.92 113.57 Shut-In(2) 1105.03 112.97 End Shut-In(2)
Recovery	······		Gas Rates
Length (it) Description 189.00 mcw 90%w 10%m	Volume (bbi) 1,54		Chokn (Inches) Pressure (paig) Ges Rate (Mc6d)
176.00 mw 50%w 50%m	2.47		

RILOBITE	DRILL STEM TE	SIKEP			
	Palomino Petroleum, Inc		23	-16s-36y	v Wichita,KS
ESTING , INC	4924 SE 84th St New Ion, KS 67114				rprises #1
	ATTN: Andrew Stenzel			Ticket: 6	
	ATTIN. Anurew Sienzei			si Start: 2	018.05.13 @ 06:10:42
GENERAL INFORMATION:					
Formation: LKC C-F Deviated: No Whipstock: Time Tool Opened: 07:48:42 Time Test Ended: 10:55:42	ft (KB)		Tes	ster:	Conventional Bottom Hole (Reset) Brandon Turley 79
interval: 4087.00 ft (KB) To 41			Rel	erence B	evations: 3272.00 ft (KB)
Total Depth: 4152.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	D) Condition: Good			KB	3267.00 ft (CF) to GR/CF: 5.00 ft
Serial #: 8166 Outside Press@RunDepth: 408.99 psig 0 Start Date: 2018.05.13 06:10:47	 2 4088.00 ft (KB) End Date: End Time: 	2018.05.13 10:55:41	Capacity Last Cal Time On Time Off	b.: Bim	8000.00 psig 2018.05.13 2018.05.13 @ 07:46:42 2018.05.13 @ 09:21:12
TEST COMMENT: IF: BOB in 3 min. 4 IS: No return. FF: BOB in 3 min. FS: No return.	42 1/2"				
Pressure vie "In ED Pressure	ENC. AVE Reporters				RE SUMMARY
		Time (Mn.) 0 2 15 46	Pressure (psig) 2129.09 142.80 274.56 1143.88	102.65 111.86	Annotation Initial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1)
		4 7	273.69	111.19	Open To Flow (2)
		81 93	408.99 1139.05		Shut-In(2) End Shut-In(2)
		95	1952.03		Final Hydro-static
Recovery			I	Ga	s Rates
Length (it) Description	Volume (bb/)			Choiz (i	
252.00 mcw 90%w 10%m	2.42				
252.00 mw 50%w 50%m 325.00 w cm 10%w 90%m	3.53				
325.00 w cm 10% 90%m	4.56				
Recoveryfrom multiple lests		1			

<u> </u>	TRILOBITE	DRILL STEM TE	SI REP	ORT			
範		Palomino Petroleum, Inc		23-1	165-36v	v Wichita,KS	
	ESTING , INC	4924 SE 84th St New ton, KS 67114			NEnter Ficket: 6	prises #1 3639 DST#:5	i
		ATTN: Andrew Stenzel		Test	Start: 2	018.05.13 @ 21:17:24	
GENERAL I	NFORMATION:						
ormation: leviated: ime Tool Oper ime Test Ende		ft (KB)		Test Test Unit I	er:	Conventional Bottom Hold Brandon Turley 79	e (Reset)
nterval: otal Depth: ble Diameter:	4187.00 ft (KB) To 42 4224.00 fl (KB) (TV 7.88 inches Hole			Refe		evations: 3272.00 3267.00	fl (CF)
		Condition: Good			KB	to GR/CF: 5.00	ft
erial #: 81 ress@RunDej tart Date: tart Time:		 4188.00 ft (KB) End Date: End Time: 	2018.05.14 02:32:23	Capacity: Last Calib Time On B Time Off B	.: 1m :	8000.00 2018.05.14 2018.05.13 @ 22:51:54 2018.05.14 @ 00:55:24	psig
EST COMM	MENT: IF: 1/4" blow built IS: No return. FF: Surface blow FS: No return.	built to 3*					
	Prevenue va "15 ED HDDrame	TANT. Att Distance and Distance				RE SUMMARY	
			Time (Mn.) 0 1 32 61 61 90 121 124	Pressure (psig) 2131.53 17.99 64.66 1120.43 68.52 82.91 1098.93 2060.54	108.36 108.30 107.85 110.74 111.15	Annotation Inifial Hydro-static Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2) Final Hydro-static	
	Recovery			-	Gas	s Rates	
Length (it)	Description	Volume (bbi)			Choin (Ir	nches) Pressure (prig) Gas	Rato (Melid)
	w cm 20%w 80%m mud oil spots 100%m	0.60 0.43					
Recovery from multip		-	1				

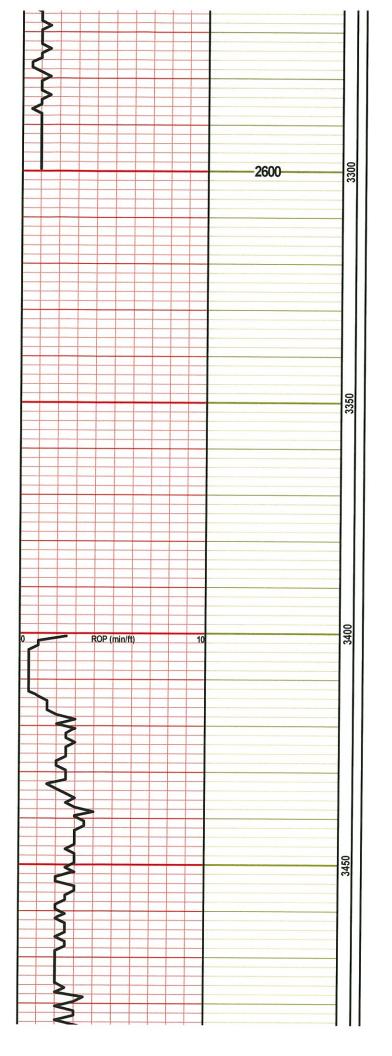
RILOBITE		TIES	ST REP	ORT				
				23	-16s-36v	v Wichita	,KS	
ESTING	4924 SE 84th SI Newton, KS 67114				SN Enter Dicket: 6	r prises #1 3640	DST#: 6	3
	ATTN: Andrew Stenz	el				018.05.14 @		
GENERAL INFORMATION:						****		
Formation: LKC K Deviated: No Whip: Time Tool Opened: 15:44:47 Time Test Ended: 19:27:47	stock: ft (KB)			Te	ster:	Convention: Brandon Tu 79	al Bottom Holi rley	e (Rasat)
fotal Depth: 4325.00 ft (To 4325.00 ft (KB) (TVD) (KB) (TVD) hesHole Condition: Good			Ra	ference B KB	evations: to GR/CF:	3272.00 3267.00 5.00	fl (CF)
	N							••
Start Date: 2018	1e 2 psig @ 4281.00 ft (KB) .05.14 End Date: :21:52 End Time:		2018.05.14 19:27:46	Capacity Last Ca Time On Time Of	ib.: Btm	2018.05.14	8000.00 2018.05.14 @ 15:43:47 @ 17:46:17	psig
EST COMMENT: IF: BOB in IS: No ret FF: BOB FS: No re	urn. in 12 min. 24"							
Prov EX MULTINATI	AND AN AFTER.			P	RESSUF	RE SUMM	ARY	
			Time (Min.)	Pressure	Temp (deg F)	Annotatik	n	
			0 1 31 62 62 91 121 123	(psig) 2193.94 26.93 189.66 1208.37 193.30 312.12 1192.91 2143.69	104.41 103.79 114.85 117.25 116.89 118.62 118.82		law (1) n(1) low (2) n(2)	
	Shi che Nie Rmittanj		0 1 31 62 62 91 121	2193.94 26.93 189.66 1208.37 193.30 312.12 1192.91	104.41 103.79 114.85 117.25 116.89 118.62 118.82 118.65	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-I	law (1) n(1) low (2) n(2)	
ensitive 200 200 200 200 200 200 200 200 200 20	Shi che Xhe Remitten) OVBIV stion Volume (bb)		0 1 31 62 62 91 121	2193.94 26.93 189.66 1208.37 193.30 312.12 1192.91	104.41 103.79 114.85 117.25 116.89 118.62 118.82 118.65	Initial Hydri Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	low (1) Iow (2) Iow (2) D-static	Rate (McKd)
Englin (ii) Descrip 253.00 mcw 95%w 5%m	State Note Rem_Frant) OVERY State Volume (bb) 1 2.44		0 1 31 62 62 91 121	2193.94 26.93 189.66 1208.37 193.30 312.12 1192.91	104.41 103.79 114.85 117.25 116.89 118.62 118.82 118.65	Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	low (1) Iow (2) Iow (2) D-static	Rate (McKd)
Englin (II) Descray 253.00 mcw 95%w 5%or 189.00 ocmv 5%o 75%w	Std Std Xtd Brm Jran; Std Xtd OVERY 2 2 1 2.44 2 V 20%m) 2.65 2		0 1 31 62 62 91 121	2193.94 26.93 189.66 1208.37 193.30 312.12 1192.91	104.41 103.79 114.85 117.25 116.89 118.62 118.82 118.65	Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	low (1) Iow (2) Iow (2) D-static	Rato (McKd)
Englin (ii) Descrip 253.00 mcw 95%w 5%m	Std Std Xtd Rm Jmn) Std Xtd OVERY Stion Volume (bb) 1 2.44 V V 20%m 2.65 Volume (bb)		0 1 31 62 62 91 121	2193.94 26.93 189.66 1208.37 193.30 312.12 1192.91	104.41 103.79 114.85 117.25 116.89 118.62 118.82 118.65	Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	low (1) Iow (2) Iow (2) D-static	Rain (Malid)

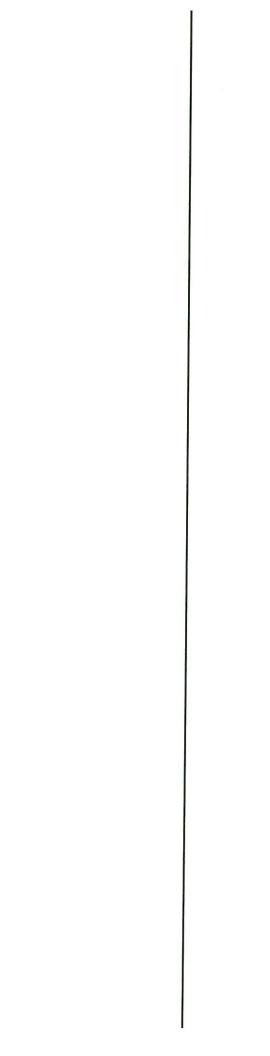
	DRILL STEM TE	ST REP	ORT			
RILOBITE	Palomino Petroleum, Inc		23	-16s-36v	v Wichita,	KS
TESTING, INC	4924 SE 84th St New ton, KS 67114			NEnter	r prises #1 3641	DST#:7
ME OF	ATTN: Andrew Stenzel				018.05.15 @	
GENERAL INFORMATION:						
Formation: Marmaton Deviated: No Whipstock: Fime Tool Opened: 18:48:34 Fime Test Ended: 22:43:34	ft (KB)		Tes	ter:	Conventional Brandon Turi 79	Bottom Hole (Reset) ey
nterval: 4392.00 ft (KB) To 451 fotal Depth: 4513.00 ft (KB) (TV fole Diameter: 7.88 inchesHole	D)		Ref	erence B KB	evations: to GR/CF:	3272.00 ft (KB) 3267.00 ft (CF) 5.00 ft
Serial #: 8166 Outside			- · · · · · · · · · · · · · · · · · · ·			
Press@RunDepth: 54,58 psig @ Start Date: 2018.05,15 Start Time: 16:54:39	4393.00 ft (KB) End Date: End Time:	2018.05.15 22:43:33	Capacity Last Cali Time On Time Off	b.: Bim	2 2018.05.15 (2018.05.15 (
		Time (Min.)	Pressure (psig)	Temp (deg F)		
FS: No return. Provese vs Tim			PI	RESSUR		.RY
		(Min.)	(psig)	(deg F)		
		0	2341.29 20.84	106.93 106.24	-	
	-	32 61	35.97 1207.28	107.88	Shut-In(1)	
	*		40.68	109.03 108.78	1	· /
	/ \\~	91 123	54.58 1161.11	109.65 110.81	Shut-In(2)	
┉		123	1101.11	110.81		
		127	2165.08	111.99	гаа пусто-	
		127	2165.08	111.99	гаантусли-	
Norther 200 Recovery		127	2165.08		s Rates	
Recovery Longth (ii) Description	Volume (bbX)	127	2165.08		s Rates	(prig) Gar Rate (Mr.64)
Recovery		127	2165.08	Ga:	s Rates	(prig) Gas Rate (Mr.64)
Recovery Longth (ii) Description	Volume (bbi)	127	2165.08	Ga:	s Rates	(prig) Gan Rate (Mr.(nl)
Recovery Longth (ii) Description	Volume (bbi)	127	2165.08	Ga:	s Rates	(prig) Gar Rate (Mr.64)
Recovery Longth (ii) Description	Volume (bbi)	127	2165.08	Ga:	s Rates	(pring) Ger Rain (Mr.64)

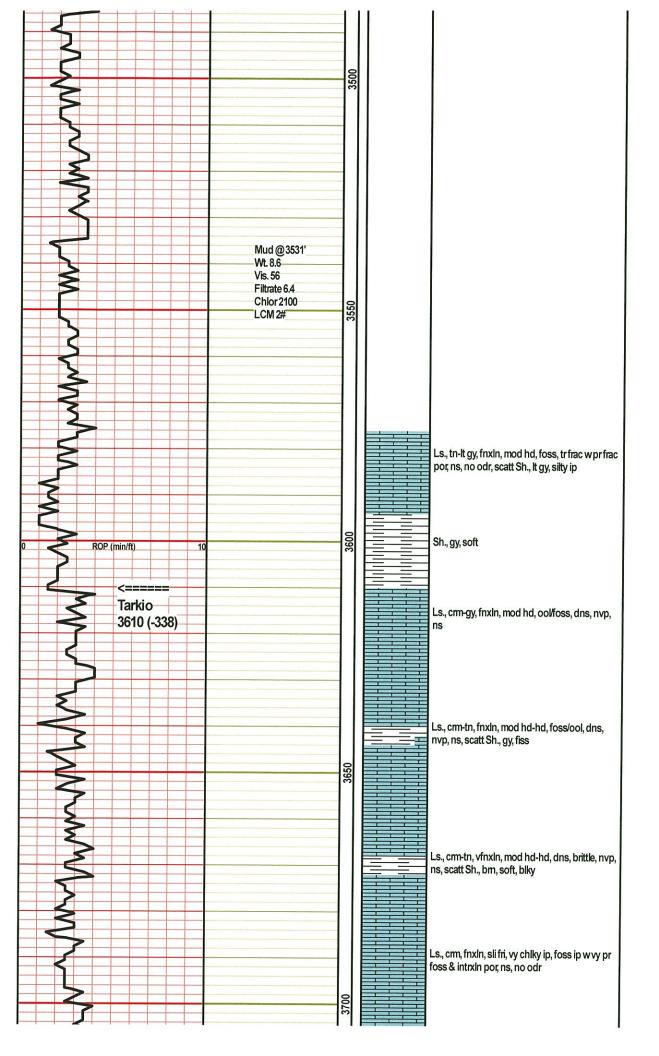
RILOBITE	DRILL STEM TE				
TESTING, INC	Palomno Petroleum, Inc		23	-16s-36v	v Wichita,KS
ESTING, ING	4924 SE 84th St New ton, KS 67114			AN Enter Ticket: 6	rprises #1 3642 DST#: 8
	ATTN: Andrew Stenzel		Te	st Start: 2	018.05.16 @ 11:25:07
GENERAL INFORMATION:					
Formation: Pawnee-Ft Scott Deviated: No Whipstock: Time Tool Opened: 12:43:37 Time Test Ended: 16:31:07	ft (KB)		Te	ster:	Conventional Bottom Hole (Reset) Brandon Turley 79
Interval: 4507.00 ft (KB) To 46			Rei	erence B	evations: 3272.00 ft (KB)
Total Depth: 4610.00 fl (KB) (TV Hole Diameter: 7.88 inchesHole	D) Candilion: Good			KB	3267.00 ft (CF) to GR/CF: 5.00 ft
Serial #: 8166 Outside					
Press@RunDepth: 34.30 psig (- ' '		Capacity		8000.00 psig
Start Date: 2018.05.16 Start Time: 11:25:12	End Date: End Time:	2018.05.16	Last Cal		2018.05.16
avenus (182, 1120) 12		16:31:06	Time On Time Off		2018.05.16 @ 12:42:07 2018.05.16 @ 14:44:37
	ATE Largeria.es	Time	Pressure	Temp	RE SUMMARY Annotation
Pressure ve Tr					
	ATTR Expension				Annotation
		(Min.) 0	(psig) 2352.40	(deg F)	Initial Hydro-static
		2	20.74		Open To Flow (1)
		31	27.24	107.47	Shut-In(1)
		61	857.00		End Shut-h(1)
		62 92	27.78 34.30		Open To Flow (2) Shut-In(2)
		121	683.14	109.61	End Shut-h(2)
		123	2292.57	110.41	Final Hydro-static
CPM The SPM Person Spm	3W 4H				
Length (ft) Description	1 Male				s Rates
Description	Volume (bbl) 0.10	L		Choka (ir	vchas) Pressure (psig) Gas Rate (McFd)
20.00 mud 100%m	0.10				
20.00 mud 100%m	1				
20.00 mud 100%m					
20.00 mud 100%m					
20.00 mud 100%m					
20.00 mud 100%m					

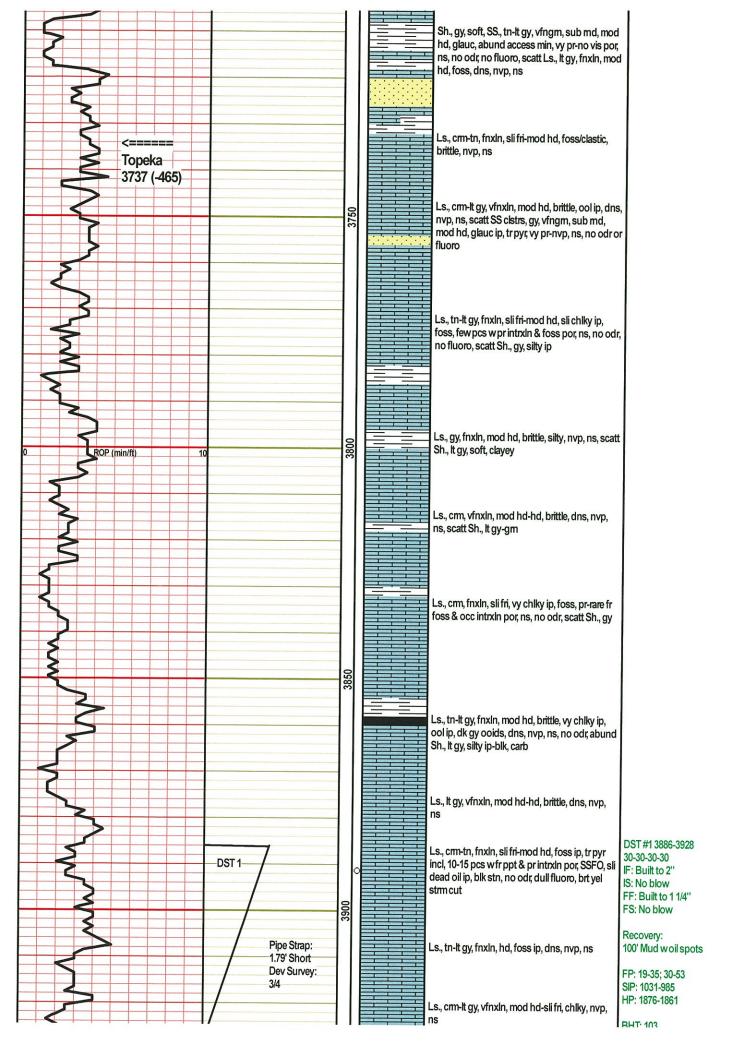
RILOBITE	DRILL STEM TE	ST REP	ORT		
	Palomino Petroleum, Inc		23-1	6s-36w Wichita	,KS
ESTING , INC	4924 SE 84th St Newton, KS 67114			Enterprises #1	DST#:9
	ATTN: Andrew Stenzel			Start: 2018.05.18 @	
GENERAL INFORMATION:					
Formation: LKC I Deviated: No Whipstock: Time Tool Opened: 12:00:15 Time Test Ended: 16:08:45	ft (KB)		Test T Teste Unit N	r: Brandon Tu	al Bottom Hole (Reset) rley
nterval: 4222.00 ft (KB) To 426 fotal Depth: 4979.00 ft (KB) (TV) fole Diameter: 7.88 inchesHole	C)		Rafer	ence Bevations: KB to GR/CF:	3272.00 ft (KB) 3267.00 ft (CF) 5.00 ft
Serial #: 8166 Outside Press@RunDepth: 39.88 psig @ Start Date: 2018.05.18 Start Time: 10:18:20	End Date: End Time:	2018.05.18 16:08:44	Capacity: Last Calib.: Time On Bl Time Off Bl	m 2018.05.18	
EST COMMENT: IF: 1/2" blow built i IS: No return, FF: Surface blow FS: No return,	built to 1/2"				
Provense va Tin (.T.) Militaria	AVE Langershare	T		SSURE SUMM	
		Time (Mn.) 0 3 32 62 63 92 123 125	(psig) (2357.87 18.54 30.58 1082.98 33.15 39.88 1026.22	Temp Annotatic deg Fy Initial Hydro 110.90 Initial Hydro 110.44 Open To Fi 111.44 Shut-In(1) 111.78 End Shut-Ir 111.43 Open To Fi 111.99 Shut-In(2) 112.14 End Shut-Ir 112.37 Final Hydro	0-static ow (1) n(1) ow (2) n(2)
Recovery	······	,		Gas Rates	
Length (ft) Desception 30.00 mud 100%m	Volumn (202) 0.15			Choka (inchas) Pressur	n (polg) Gas Rate (McVil)
Recovery from multiple tests					

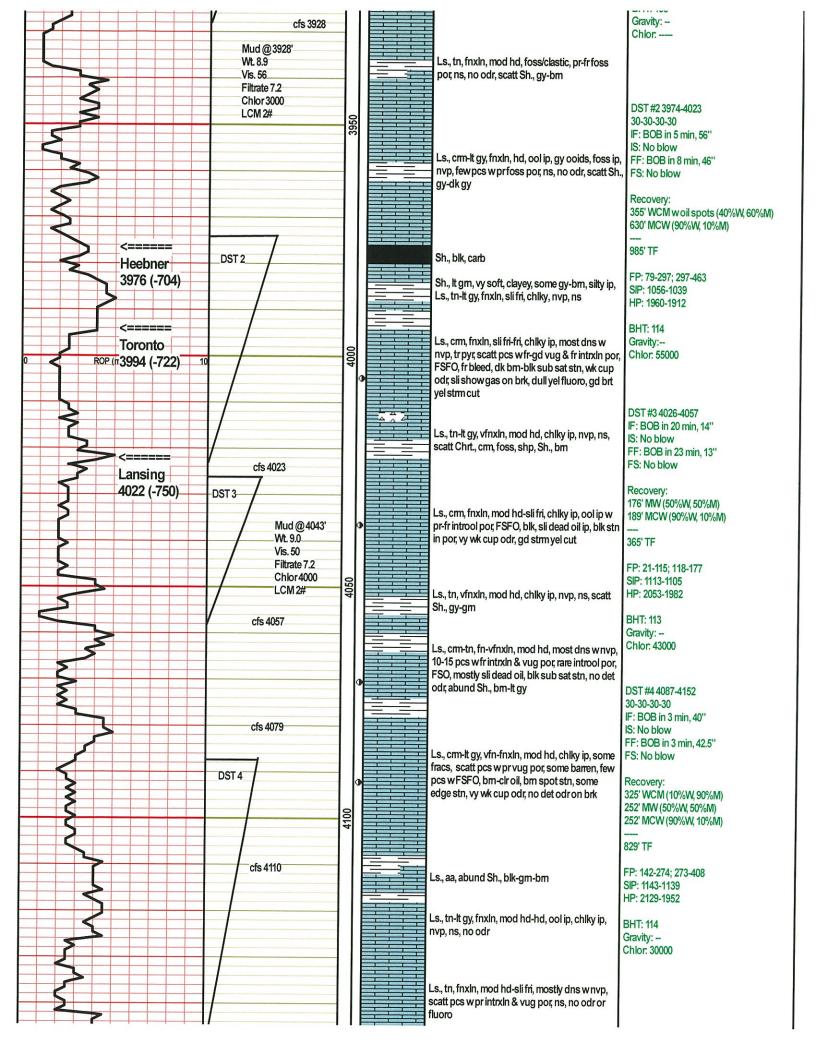
Bent		ROCK TYPES Gyp Im T II Igne Salt Lmst Shale Meta Shcol
ROP ROP (min/ft)	Misc	Hand We Lithology Geological Descriptions DST
0 ROP (min/ft) 10 0		

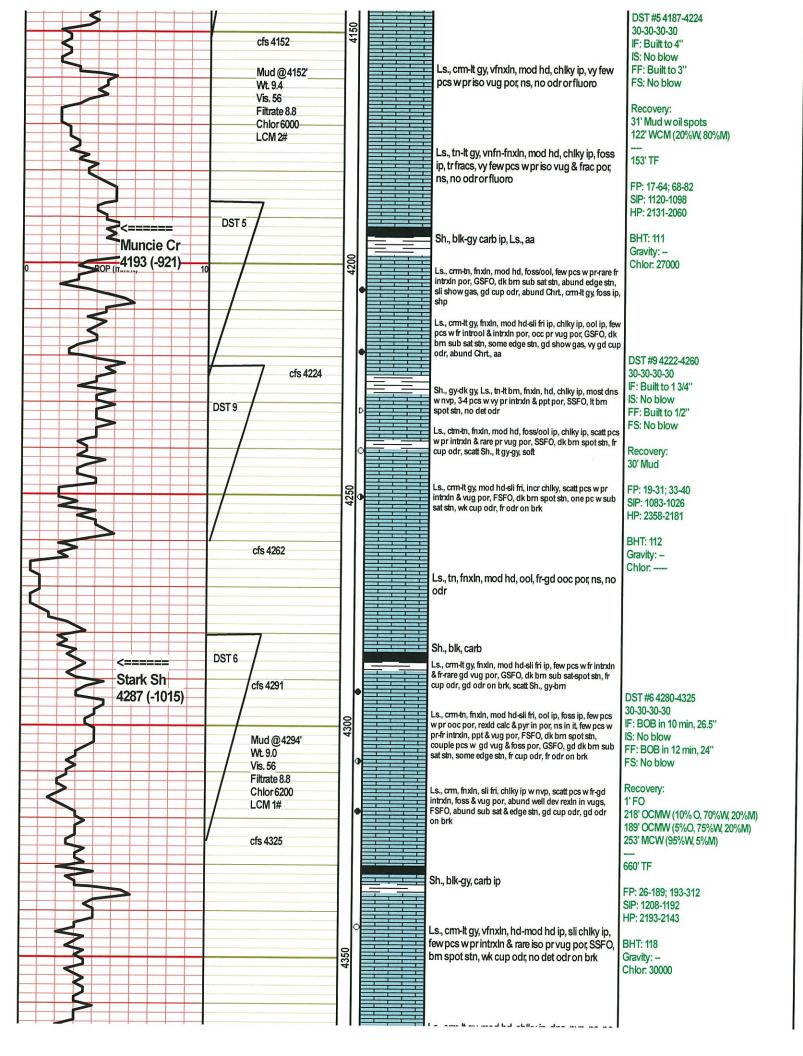


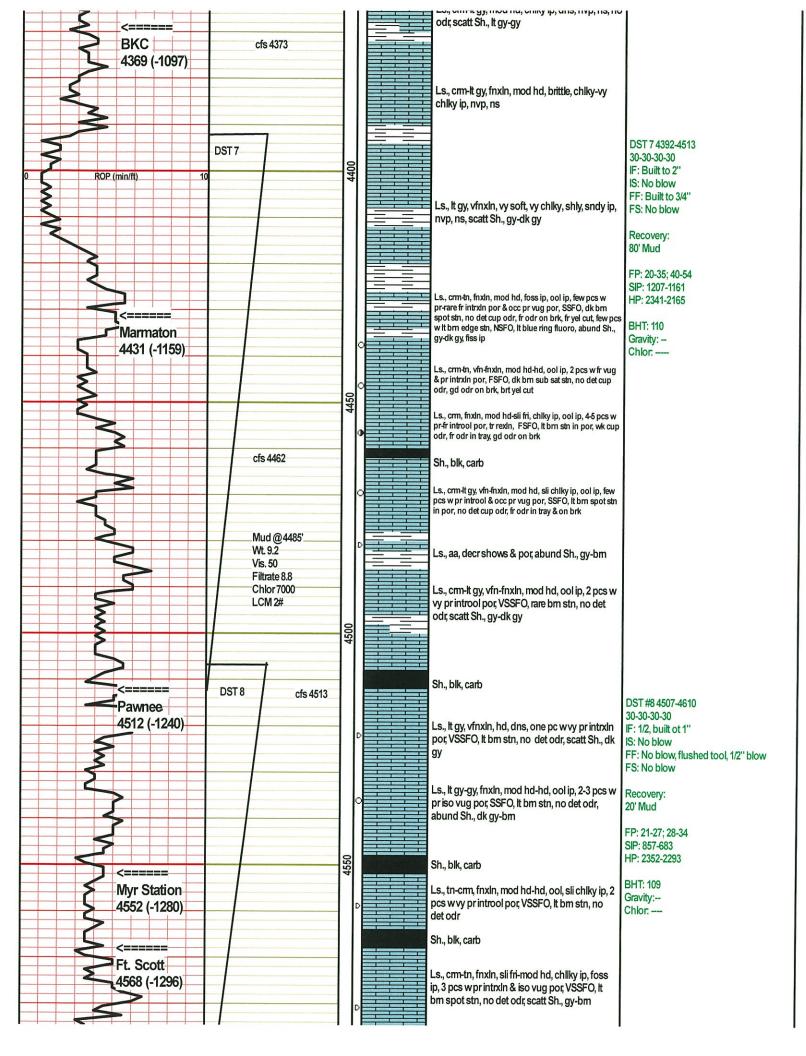


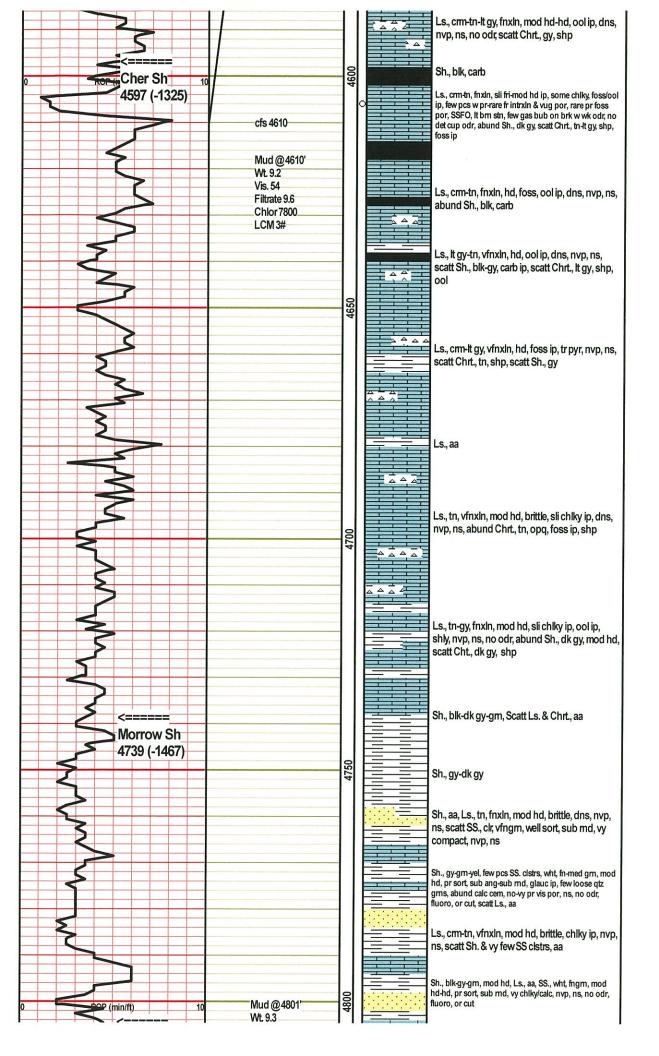


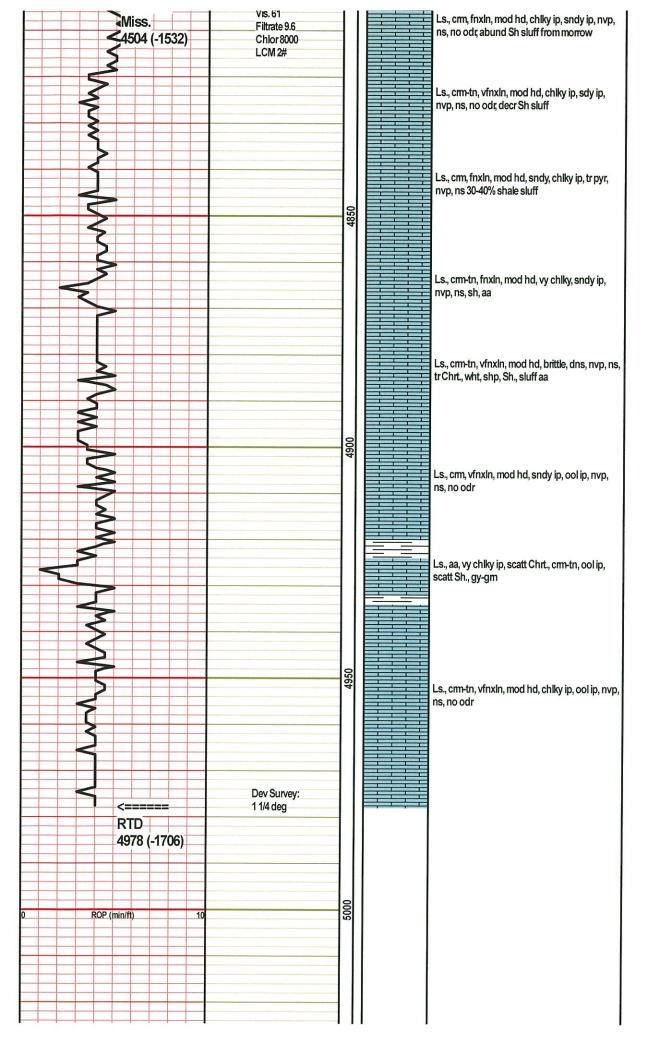












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