### KOLAR Document ID: 1426855

Confident	tiality Re	equested:
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	- DESCRIP	WEII &	IFASE
	INSIONI			LLASL

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. XX.XXXX) (e.gXXX.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 #:	Dewatering method used:
Dual Completion         Permit #:           SWD         Permit #:	
EOR Permit #:	Location of fluid disposal if hauled 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: 1426855

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 Sh	acate)	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       Perforate     Top Bottom       Protect Casing     Plug Back TD       Plug Off Zone     Plug Off Zone		Туре	Type of Cement # Sa		acks Used		Type and		
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	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	METHOD OF COMPLETION:			PRODUCTION INTERVAL: Top Bottom		
Vented Sold (If vented, Subn	Vented Sold Used on Lease Open Hole Perf. (If vented, Submit ACO-18.)			-	·	nit ACO-4)	юр	Bollom	
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	CASS 1
Doc ID	1426855

Tops

Name	Тор	Datum
Anhy.	2248	(+568)
Base Anhy.	2305	(+511)
Heebner	3868	(-1052)
Toronto	3890	(-1074)
Lansing	3908	(-1092)
Muncie Creek	4055	(-1239)
Stark	4149	(-1333)
ВКС	4222	(-1406)
Marmaton	4351	(-1437)
Pawnee	4351	(-1535)
Ft. Scott	4409	(-1593)
Cherokee Sh.	4436	(-1620)
Miss.	4560	(-1744)
LTD	4745	(-1929)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	CASS 1
Doc ID	1426855

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	28	218	Common	2% gel, 3% c.c.

		MAIN OFFICE
PRESSURE PUMPING LLC	QES Pressure Pumping LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346	P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012
Invoice		Invoice# 813979
Invoice Date: 08/29/18	Terms: Net 30	Page 1
PALOMINO PETROLEUM, INC.	RECEIVED	
4924 SE 84TH STREET NEWTON KS 67114-8827	SEP 0 1 2018 CASS #1	` >

USA

			=======================================		================
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	30.000	7.1500	30.000	150.15
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	30.000	462.00
CC5829	Lite-Weight Blend V (60:40:4)	240.000	16.0000	30.000	2,688.00
CC6075	Celloflake	60.000	3.0000	30.000	126.00
CP8228	8 5/8" Wooden Plua	1.000	165.0000	30.000	115.50
				Subtotal	6,959.50
			Discounted	l Amount	2,087.85
			SubTotal After	Discount	4,871.65

Amount Due 7,315.23 If paid after 09/28/18

Tax:	249.01
Total:	5,120.66

					N ACLC D	
Aug. 24.	2018 9:19AM	$(), 11448_{-}$			No. 0646 P	222
			•	N-KET NUN	ABER 552	283
EK.		11336		LOCATION_	CaRle	y KS
PRESSURI	E PUMPING LLC	FIELD TICKET & T		FOREMAN_	- erri	<u> </u>
620-431-921	Chanute, KS 66720 0 or 800-467-8676		MENT	INV	01/4#813	979
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-17-18	6285	Cass #1	6	1415	300	Gove
CUSTOMER	Palant	Onie	17			
MAILING ADDRES	SS IDMIA		TRUCK#	DRIVER	TRUCK#	DRIVER
4924 SE	84-TH STREET		1570 7120	Ne W	-	
CITY	STA		335	Stevel	×	
THEWTON	<b>k</b>	5 67114-882	7 679	lerry y		<del> </del>
JOB TYPE	lug HOI	ESIZE 778 HOLE	DEPTH 4744	CASING SIZE &	MEIGHT	
CASING DEPTH_		LL PIPE 4/2 TUBING			OTHER	
SLURRY WEIGHT			R gal/sk	CEMENT LEFT I		
DISPLACEMENT_	DIS	PLACEMENT PSI MIX PS	L	RATE	ب ب	
REMARKS:	thy most	ing & rig ypon lut	W 10 plug a	5 ordere	d with	24054
60/40	40 gul 14	the set /1	,			
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	2 SKS C	40 w/8 18 wiper p to le	lug	7	hen K 100	1
3(	2 SKS C	40 w/8 18 wiper p hale	lua	7.	haik you	u l
30	2 SKS C	40 w/8 18 wiper p		7	haik you	les and the second seco
ACCOUNT	2 SKS C	-ho le	ON of SERVICES or PR		UNIT PRICE	
	osks C Osks Rat		ON of SERVICES or PRO	7. 	UNIT PRICE	TOTAL
ACCOUNT CODE CEO451	QUANITY or U	NITS DESCRIPTION		ODUCT	190000	1900-00
ACCOUNT CODE CEO451	QUANITY or U	NITS DESCRIPTION			190000	1900.00
ACCOUNT CODE CEO451	QUANITY or U	NITS DESCRIPTION		oduct (min)	190000	1900.00
ACCOUNT CODE CEO451	QUANITY or U	NITS DESCRIPTION			190000 7.15 66000	1900-00 214.50 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION			190000 7.15 66000	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 66000 16.00 3.00	1900-00 214.50 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See			190000 7.15 66000	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 66000 16.00 3.00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 66000 16.00 3.00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (0000) 16.00 3.00 16.5,00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 66000 16.00 3.00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (0000) 16.00 3.00 16.5,00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (0000) 16.00 3.00 16.5,00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (0000) 16.00 3.00 16.5,00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (0000) 16.00 3.00 16.5,00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (0000) 16.00 3.00 16.5,00	1900.00 214.52 660.00
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (0000) 16.00 3.00 16.5,00	1900-00 214.52 660.00 3850.00 165.00 165.00 (P159.5 2087.8 4871.6
ACCOUNT CODE CEOUSIA CEOUZA CEOUZA	QUANITY or U	NITS DESCRIPTION PUMP CHARGE MILEAGE - ton mileage Les Liteblead - HO See	delivery T		190000 7.15 (66000) 16.00 16.00 16.5,00 16.5,00 16.5,00 54.5,00 54.5,00	1900.00 214.52 660.00
ACCOUNT CODE CEOV51 CEOV2 CEO711 CC5829 CC6075 CP 8228	2.8K5 C 2.8K5 C 2.8K5 C 2.8K5 C 2.3C 10.32 	NITS DESCRIPTION PUMP CHARGE MILEAGE 	delivery T		190000 7.15 (66000) 16.00 16.00 16.5700 16.5700 16.5700 16.5700 54.5705 54.570	1900-00 214.52 660.00 3850.00 165.00 165.00 (P159.5 2087.8 4871.6

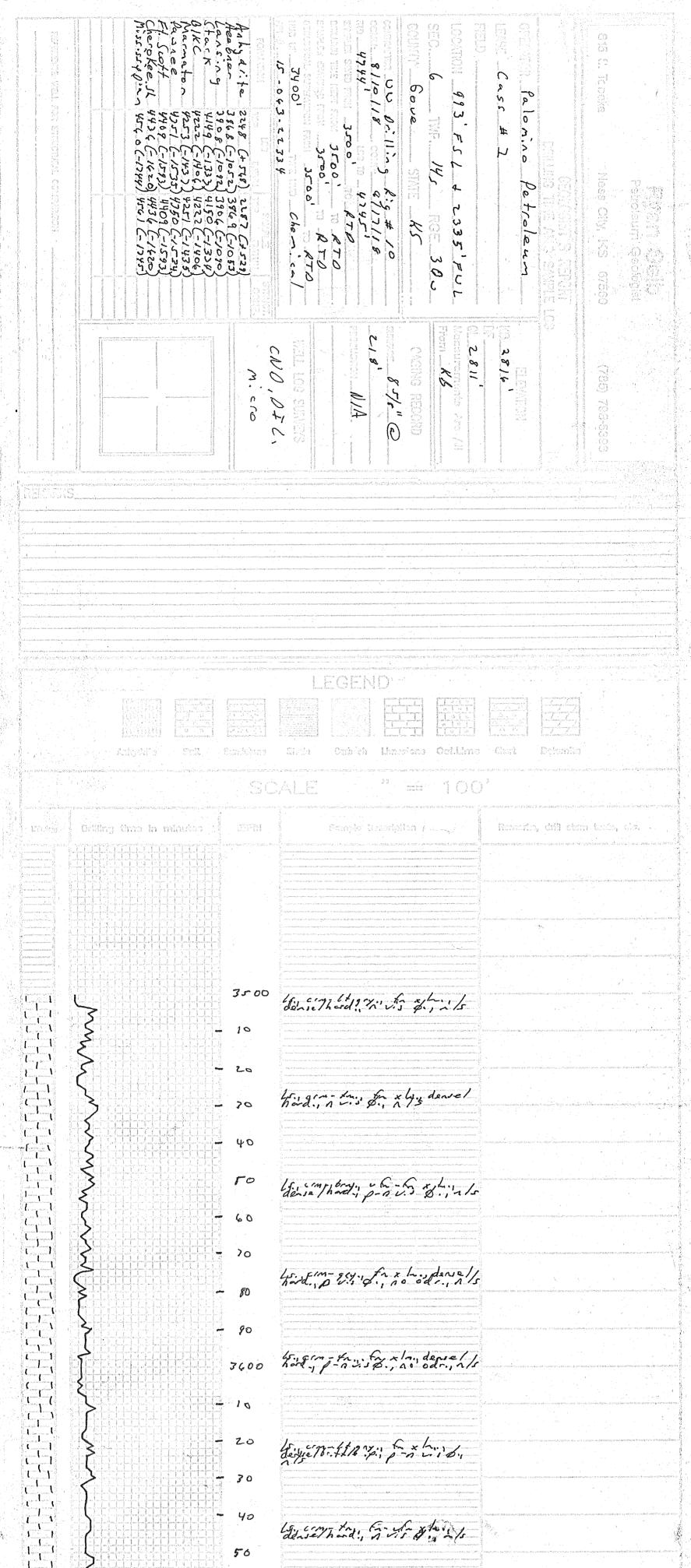
acReceived Time: Aug. 24, 2018, 9:20AM No. 2873 on the back of this form are in effect for services identified on this form

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		F	EMIT TO	Production				MAIN OFFICE
PRESSURE PL		P.C	sure Pumpi Dept:970 D.Box 4346 ,TX 77210-		RE AUG	2 4 2018	620/431-921	P.O.Box884 Chanute,KS 66720 0,1-800/467-8676 Fax 620/431-0012
Invoice						Invoice#	813	918
	8/22/18		Terms:	Net 30			Page	1
PALOMINO PETRO 4924 SE 84TH ST NEWTON KS 671 USA	TREET			CA	SS #1			
						========		
Part No	Description		G	luantity		Unit Price	Discount(%)	Total
CE0471	Cement Pump Cha (Coalbed/Methane	e)		1.000		1,150.0000	30.000	805.00
CE0002	Equipment Mileage Equipment	e Charge - Heavy		30.000		7.1500	30.000	150.15
CE0711	Minimum Cement	Delivery Charge		1.000		660.0000	30.000	462.00
CC5871	Surface Blend II, 2	.% Gel/3% CaCl		165.000		24.0000	30.000	2,772.00
							Subtotal	5,984.50
						Discounte	ed Amount	1,795.35
					S	ubTotal Afte	r Discount	4,189.15
						Amount [	Due 6,321.10 lf p	oaid after 09/21/18
							Tax:	235.62
							Total:	4,424.77
								4,424.//

			JW-115					
			90-175			TICKET NUM	BER 552	47
			57-112	74		LOCATION_	Dalley	
						FOREMAN_	Walt 7	Diskel
PO Box 884,	E PUMPING LLC Chanute, KS 6672 0 or 800-467-8676	0	ELD TICKET	CEMEN		PORT WO	iu #813	118
DATE	CUSTOMER #	WE	LL NAME & NUME		SECTION	TOWNSHIP	RANGE	COUNTY
1-10-18	6285	Cass	#1		6	143	300	6000
USTOMER		1		Orion	1		+ 2. L -	41-2 · · · · · ·
AILING ADDRE	ss ret	coleum.	Inc	7-South	TRUCK#	DRIVER	TRUCK#	DRIVER
424 SE	84th Stra	3		146	13.5	Cory W	Ison	
TY		STATE	ZIP CODE	1	320-112 In 199	1 Indes	han	
<i>kwton</i>		<b>HS</b>	67119-8	817	1.1 0.103	- wair y	in lesel	
	UrFace	HOLE SIZE	1214	HOLE DEPT	H 218'	CASING SIZE &	WEIGHT 85	12-24#
SING DEPTH	0.0/1	DRILL PIPE		TUBING			OTHER	• .
URRY WEIGH	1.00	SLURRY VOL		WATER gal	sk	CEMENT LEFT I		-20'
SPLACEMENT	12.6	DISPLACEME	NT PSI	MIX PSI			BPin	
MARKS: 5	a Fet Me	atine, ,	ria up E	automer	t civa	Casing 0	, bottom	
mix 11	5 SKS CA	sm 3%	c- 2%/2	1 Diss	loco 12.	6 BBL H-	O Skutin	
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	QUANITY o	or UNITS	DE	SCRIPTION o	AK YOU AH & CAA F SERVICES OF P	,) RODUCT	UNIT PRICE	
CODE		or UNITS			AK YOU TH <del>FCMA</del> f SERVICES or P	RODUCT		TOTAL
CODE Pen 471		or UNITS	PUMP CHARG		a <u>k</u> You 177 <i>4 Cara</i> f services or p	,) RODUCT		TOTAL
20002	30	or UNITS	PUMP CHARG	E		RODUCT	UNIT PRICE	1,150 9 214 50
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CODE 2004712 20002 20002	30 7.76		PUMP CHARG	E Lesso 7	Delivesy	RODUCT	UNIT PRICE	1,150 9 21450 660 9
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CODE 300471/ 20002 200711 205871	30 7.76		PUMP CHARG	E Lesso 7	Delivesy		UNIT PRICE	5,984-
CODE 300471/ 20002 200711 205871	30 7.76		PUMP CHARG	E Lesso 7	Delivesy	RODUCT	UNIT PRICE	5.984 1,795
CODE 200471/ 20002 200711 205871	30 7.76		PUMP CHARG	E Lesso 7	Delivesy		UNIT PRICE	5.984 1,795
CODE 200471/ 20002 200711 205871	30 7.76		PUMP CHARG	E Lesso 7	Delivesy	Less 30,	UNIT PRICE	5.984 4,182 5,14 5,14 5,14 660 3960 3960 1,795 1,795 1,795
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CODE Ceo 471 Ceo 711 Ceo 711	30 7.76		PUMP CHARG	E Lesso 7	Delivesy	Less 30,	UNIT PRICE	5.984 4,182 3960 5,984 1,795 4,182

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.



60 biell, Alis p., Als, densel 20 90 dense That " in the the is the 90 3700 10 hard, n 2.3 p., nort; dontal 20 30 hidd. p Jir p. st. chiky ... Als 40 50 60 br. Ad., slichaty 70 Le, fra., fristige hinderige/ 80 90 3800 Bensethed, is is p., Ats. 10 20 hojd. py.s. D., v. cher 1+y., no 30 40 hard puist, st. chilly, als 50 60 Shi, Blic Carb Heebrer 3869 70 (-1053) have , NV. B. , Alse h., densel 80 Shi, gry-blk hard of nois for sine of desiel 90 3900 desser Jadi, a tis p. 1. 15. Lansing 3906 (-1090) Light for a for the sel 10 20 deright had son in the strange 30 hitt. nuis p. slichtty. 40 Shargey red had spin-the to she densel 50 densthad: Anthe hast 60 20 Lene / huge: not starth x his 80 Jaise Thank pin is B., is 10 4000 bigger the faither dense 10 hard in - to inter shi densel 20 densethard in the the 30 40 degiethad; a fas f. x his A., 50 Sh., gry 60 Sh., BLK Carb 4060 (-1244) 20 OST # I 4050 - 4152 30-30-30-30 Brittle P. B. To D. V. vent ode. Rec. 133' TF 80 FF-31/4" N. Return FF- 21/4" 90 hord, his d., no odt, not 1 co (100 900) 132' ocn (5%0, 95% m) 1 4100 HP-2038#-1982# First, ny: 54. no ode, als FFP-22#-52# FFP-60#-77# ISIP-1090 # FSIA 1025 H 10 dersenthed.; puis di, prodr. 20 SL., gry hid. Kh- The shir dense / 30 40 high, firs & tright, no Lack 4150 50 Sh., BLK Carb (-1334) hard of odr. , no to Ky, me 60 (F., cqueta., It gry : p., dense Ihad. faxt-in provide, chikg., no. Mud V @ 4172' 70 Wt. - 9.1 shi, gry Vis-57 Seyse That: nois B., cherty. 80 UL-6.4 CL(-1,700 ccm - zth 90 Shi, BLIE Carb hoth, alight of p. h. L. 4200 & straddlet -10 10 L.S., AA OST #2 4144 - 4260 30-30-30-30 Finethadi; hund alis Rec. 244' men (40900, 40%) 4222 20 RIKC IF -9 1/2" N. Return (-1406) FF-7 1/2" HP-2148 #-2051# 30 Sh., 914-61K FFP-141#-185# IFP-41#138# IS IP-1096# FSIP-1038# Telsether "his portation 40 sh., AA 50 meto 425-1 (-1435) Entre P.J. S. S. B. S. 60 543 5 17 20 dehan Thank " " Sha - So x / ... 80 LS., 4A 90 densglhard., friden the densglhard., friden the go. d.s., 2 pes 1. 20. 1., 10 4300 10 shandense / 22 Pri the fr. 20 30 Lr., AA 40 Shigold Lard 4350 50 (-1534) hodin, not whicherie! 60 det se there is his for the short 70 Sh., BLK Carb 80 detsethard in isto 90 friding to gry ... for he his densel 4400 SL., BLK Carb 10 4409 (-15-93) densething for the planio 20 teisethad. .... it - to eh ... 30 Cherokee SL Sh., BLE Carl Straddle K 4436 (-1620) 40 DST # 3 4425 - 4410' Si 2 Spenie 196 years of and 70-30-30-30 Rec. 388'TF 50 IF- B. O. B-20" N. Return Sh .. , g . y - 6/12 FF-73/4" 60 136 mud (10090m) LS., AA 126'wan (2090 ... 8090 m) 126 mcs (808 w, 2010 m) 70 HP-2364#2258# Laesse 11921! vhoto the third IFP-44#-15-9# FFT-16 7-203# FSIP-930# FSFP-804# 80 Sh., gry ared 90 hord is pra un Bi, 10 60 (...) 4500 Sh., var: color Mud V@ 4505 ! Ut - 9.4 hat printing the plansel Vis-10 WL- 6.4 3 641-1,900 LCM-1# 20 Wild ", x - 5 p. a 12 donnel 30 40 for fronting for x tripped of the 50 frit p-a vis B. the odr. 1.15.15.pp.an 45-61-6-1745 60 Conse That at, 12 . for p. 1 .... 70 dense Thad, not spin Vs 80 90 Densethand ? pen 2: 5 8: 15 4600 10 Lang Brittle Rand x 17 ... 20 Lr., AA w/ tr. where dol. 30 Poly to - bran yh x they densel 40 50 hor in fis pin x handensel 60 20 80 Lr. AA 90 4700 torr, moth, no off; no 10 20 15., AA 30 40 (-192F) 50



# DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Cass #1

### 6-14s-36w Gove,KS

 Start Date:
 2018.08.15 @ 00:25:04

 End Date:
 2018.08.15 @ 05:40:04

 Job Ticket #:
 63908
 DST #: 1

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

Printed: 2018.08.21 @ 11:37:58

	DRILL STEM TES	TREP	ORT				
RILOBITE	Palomino Petroleum Inc		6-1	4s-36w	Gove	,KS	
ESTING , INC.	4924 SE 84th St. New ton, KS 67114			<b>ss #1</b> Ticket: 63	3908	DS.	Γ#: 1
	ATTN: Ryan Seib		Tes	t Start: 20	018.08.	15 @ 00:25:0	)4
GENERAL INFORMATION:							
Formation:LKCH-IDeviated:NoWhipstock:Time Tool Opened:02:11:34Time Test Ended:05:40:04	ft (KB)		Tes	ter;		ntional Bottom n Turley	ı Hole (Initial)
Interval:4050.00 ft (KB) To41Total Depth:4152.00 ft (KB) (The depth of the			Ref	erence El	evation: to GR/C	2811	0.00 ft (KB) 0.00 ft (CF) 0.00 ft
Serial #: 8166         Outside           Press@RunDepth:         77.04 psig           Start Date:         2018.08.15           Start Time:         00:25:09	@ 4051.00 ft (KB) End Date: End Time:	2018.08.15 05:40:03	Capacity Last Cali Time On Time Off	b.; Btm:		8000 2018.08 8.15 @ 02:10 8.15 @ 04:13	:04
TEST COMMENT: IF: 3/4" blow buil IS: No return. FF: Surface blow FS: No return.							
Pressure vs. 1	11RC 800 TerpanAra					IMMARY	
swedAg 298	AND TOTOTOTAND	Time (Min.) 0 2 32 60 61 91 122 124	Pressure (psig) 2038.12 22.68 52.69 1090.44 60.02 77.04 1075.39 1982.16	115.36 116.37 116.12 116.88	Initial Open Shut-I End S Open Shut-I End S	hut-ln(1) To Flow (2)	
Recovery	······································			Ga	s Rate	es	
Length (ft)         Description           132.00         ocm 5%o 95%m           1.00         free oil 100%o	Volume (bbi) 0.74 0.01			Choke (i	nches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc

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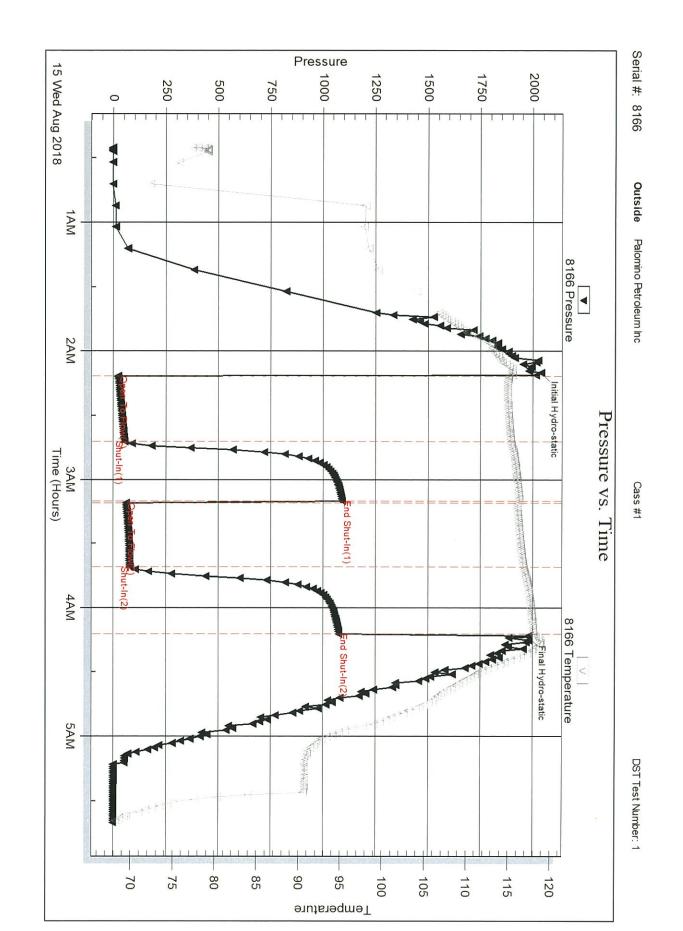
RILOBITE	Palomino Petroleum Inc			0		
TESTING, INC				/ Gove,KS	)	
	4924 SE 84th St. New ton, KS 67114		Cass #1	~~~~		
	ATTN: Ryan Seib		Job Ticket: Test Start:	63908 2018.08.15 (	DST#:1 ର ୦୦:25:04	
GENERAL INFORMATION:						
Deviated: No Whipstock: Time Tool Opened: 02:11:34 Time Test Ended: 05:40:04	ft (KB)		Test Type: Tester: Unit No:	Convention Brandon Tu 79	al Bottom Hol urley	e (Initial)
Interval: 4050.00 ft (KB) To 41			Reference I	∃evations:	2816.00	
Total Depth: 4152.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	'D) Condition: Good		K	3 to GR/CF:	2811.00 5.00	
					5.00	IL.
<b>Serial #: 6651</b> Inside Press@RunDepth: psig (	@ 4051.00 ft (KB)		Capacity:		8000.00	neia
Start Date: 2018.08.15	End Date:	2018.08.15	Last Calib.:		2018.08.15	haið
Start Time: 00:26:01	End Time:	05:40:55	Time On Btm: Time Off Btm:			
IS: No return. FF: Surface blow FS: No return. Pressure vs. Th	mc		PRESSU	JRE SUMN	1ARY	
	built to 2 1/4"					
FF: Surface blow FS: No return.	mc	<b>T</b>	·····			
FF: Surface blow FS: No return. Pressure vs. Th	mc	(Min.)	PRESSL Pressure Temp (psig) (deg F	Annotat		
FF: Surface blow FS: No return. Pressure vs. Th		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.	mc crit Temperature 115	(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.	IDC CET Programmer 110 110 110 110 110 110 110 11	(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		·· · ·
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		· · · · · · · · · · · · · · · · · · ·
FF: Surface blow FS: No return.		(Min.)	Pressure Temp (psig) (deg F	Annotat		· · · · ·
FF: Surface blow FS: No return.		(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	THC CERT Property CERT PROPERTY C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	IDC CEC Perspensive CEC PERSPENSIVE C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	THC CERT Property CERT PROPERTY C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	THC CERT Property CERT PROPERTY C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)

RILOB	RITE		o Petroleur		ST	REPO		TOOL DIAGRA
TEST	TING , INC	4924 SI	E 84th St. a, KS 67114				6-14s-36w Gove Cass #1 Job Ticket: 63908	,no DST#:1
		ATTN:	Ryan Seib	1			Test Start: 2018.08.	
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: Number of Packers: Tool Comments:	0.00 ft 122.00 ft 4.00 ft 4050.00 ft ft 102.00 ft 129.00 ft	Diameter:	0.00 2.25	inches Vo inches Vo Inches Vo Total Vo	ilume: ilume:	54.78 bb 0.00 bb 0.60 bb 55.38 bb	I Weight set on Par I Weight to Pull Loc I Tool Chased String Weight: Ini	2000.00 lb cker: 30000.00 lb ose: 95000.00 lb 0.00 ft tial 60000.00 lb nal 60000.00 lb
Tool Description	Ler		Serial No	. Positi	on		Accum. Lengths	
Stubb		1.00				4024.00		
Shut In Tool		5.00				4029.00		
-tydraulic tool		5.00 5.00				4034.00		
Jars Sefety Joint		2.00				4039.00 4041.00		
Safety Joint Packer		2.00 5.00				4041.00	27.00	Bottom Of Top Packer
Packer		4.00				4050.00	27.00	
Stubb		1.00				4051.00		
Recorder		0.00	6651	Ins	side	4051.00		
Recorder		0.00	8166	Outs	side	4051.00		
Perforations		1.00				4052.00		
Change Over Sub		1.00				4053.00		
Drill Pipe		93.00				4146.00		
Change Over Sub		1.00				4147.00		
Bullnose		5.00				4152.00	102.00	Bottom Packers & Anchor
Total Tool	Length:	129.00						

		RILL STEM TEST R	EPORT			FLUID S	UMMARY
	ITE Pator	nino Petroleum Inc	6-1	4s-36w (	Gove,KS		
EST/	ING , INC 4924	SE 84th St.	Ca	ss #1			
		ton, KS 67114		Ticket: 63	908	DST#:1	
	ATT	l: Ryan Seib	Tes	st Start: 20	18.08.15 @ 0	0:25:04	
Mud and Cushion Info	ormation						
Mud Type: Gel Chem		Cushion Type:			Dil API:		0 deg API
Mud Weight: 9.00 lb		Cushion Length:	ft		Water Salinity:		0 ppm
Viscosity: 61.00 s WaterLoss: 7.19 in		Cushion Volume: Gas Cushion Type:	bbl				
Resistivity: 0.00 o		Gas Cushion Pressure:	psig	1			
Salinity: 2300.00 p Filter Cake: 2.00 ir				-			
Recovery Information						1.10.1.1.1	
		Recovery Table					
	Length ft	Description	\\	/olume bbl			
	132.00	ocm 5%o 95%m		0.740			
	1.00	free oil 100%o		0.014			
Tota	al Length: 13	3.00 ft Total Volume:	0.754 bbl				
Kec	Juvery commencines.						
Kec	covery Comments:						

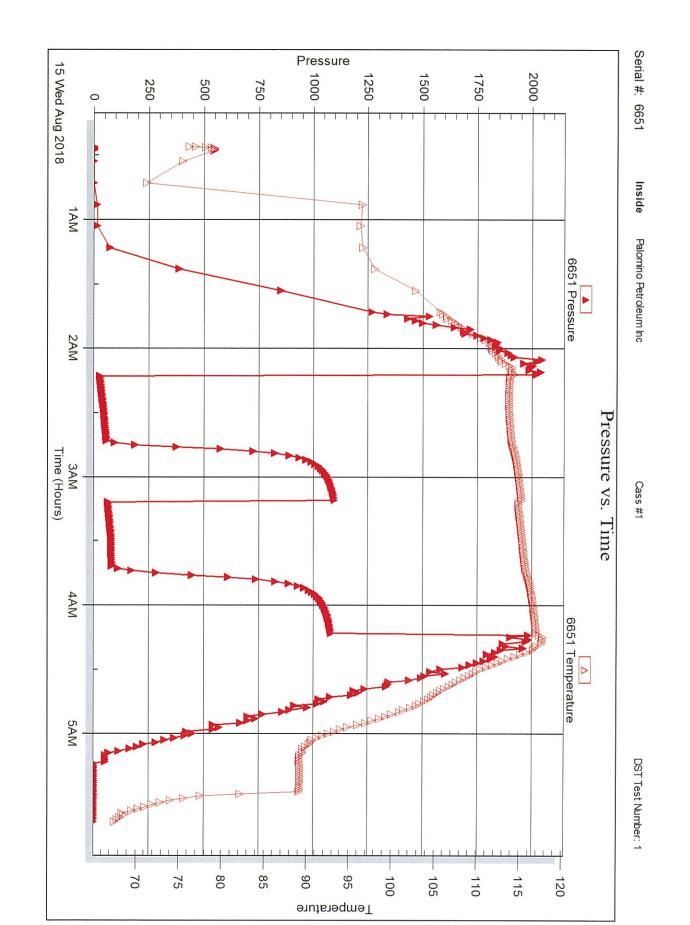
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Ref. No: 63908



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Ref. No: 63908





# DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum Inc

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Cass #1

#### 6-14s-36w Gove,KS

Start Date: 2018.08.17 @ 09:32:25 End Date: 2018.08.17 @ 15:19:55 Job Ticket #: 63909 DST #: 2

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

Printed: 2018.08.21 @ 11:37:28

RILOBITE	DRILL STEM TES	ST REP			
	Palomino Petroleum Inc		6-14s-3	36w Gove,KS	
ESTING , IN	4924 SE 84th St. New ton, KS 67114		Cass # Job Tick	<b>:1</b> et: 63909	DST#:2
	ATTN: Ryan Seib		Test Sta	rt: 2018.08.17 @	09:32:25
GENERAL INFORMATION:	····				
Formation: LKC K Deviated: No Whipstock Time Tool Opened: 11:12:25 Time Test Ended: 15:19:55	ft (KB)		Test Tyr Tester: Unit No:	be: Conventiona Brandon Tu 79	al Bottom Hole (Reset) rley
Total Depth: 4745.00 ft (KB)	<b>4260.00 ft (KB) (TVD)</b> TVD) ble Condition: Good		Referen	ce Elevations: KB to GR/CF:	2816.00 ft (KB) 2811.00 ft (CF) 5.00 ft
Serial #: 8166 Outside Press@RunDepth: 185.38 psig Start Date: 2018.08.1' Start Time: 09:32:30 TEST COMMENT: IF: 1/2" blow b IS: No return. FE: Surface bl	End Date: End Time:	2018.08.17 15:19:54	Capacity: Last Calib.: Time On Btm: Time Off Btm	2018.08.17	-
FS: No return.					
Pressure v.	Time	Time	i	SURE SUMM	
100 170 170 170 170 170 170 170		(Min.) 0 2 31 61 62	(psig)         (de           2146.42         12           41.25         12           138.62         12           1056.37         12           141.63         12           185.38         12           1038.19         12	23.74 Initial Hydr 23.74 Initial Hydr 23.05 Open To F 24.35 Shut-In(1) 24.80 End Shut-I 24.55 Open To F 25.12 Shut-In(2) 25.53 End Shut-I 25.77 Final Hydro	o-static ilow (1) n(1) ilow (2) n(2)
Recover	,			Gas Rates	
Length (ft) Description	Volume (bbl)		(	Choke (inches) Pressu	re (psig) Gas Rate (Mcf/d)
189.00 mcw 60%w 40%m 166.00 mud 100%m	1.54 2.33				
100.00 111007011		1			

RILOBITE	DRILL STEM TE	SI KEP			
TESTING, INC	Palomino Petroleum Inc		6-14s-36v	v Gove,KS	<b>i</b>
	4924 SE 84th St. New ton, KS 67114		Cass #1 Job Ticket:	63909	DST#: 2
	ATTN: Ryan Seib			2018.08.17 (	
GENERAL INFORMATION:					
Formation: LKC K Deviated: No Whipstock: Fime Tool Opened: 11:12:25 Fime Test Ended: 15:19:55	ft (KB)		Test Type: Tester: Unit No:	Conventior Brandon Ti 79	al Bottom Hole (Reset) Irley
nterval: 4144.00 ft (KB) To 42 Fotal Depth: 4745.00 ft (KB) (Tv Hole Diameter: 7.88 inches Hole			Reference K	Elevations: B to GR/CF:	2816.00 ft (KB) 2811.00 ft (CF) 5.00 ft
Serial #: 6651 Inside Press@RunDepth: psig 6 Start Date: 2018.08.17 Start Time: 09:32:42	@ 4145.00 ft (KB) End Date: End Time:	2018.08.17 15:20:06	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
EST COMMENT: IF: 1/2" blow built IS: No return. FF: Surface blow FS: No return.					
Pressure vs. Th				JRE SUMA	
Pressure vs. The second	ime met important met importanti met importan	(Min.)	PRESSI Pressure Temp (psig) (deg F	Annotat	
Pressure vs. The second		(Min.)	Pressure Temp (psig) (deg F	Annotat	
Pressure vs. The second		(Min.)	Pressure Temp (psig) (deg F	Annotat	
Pressure vs. The Transmission		(Min.)	Pressure Temp (psig) (deg F	Annotat	ion

RILC	)BITE  -	DRILL STEM T			K	
TEC	TING , INC	Palonino Petroleum inc			/ Gove,KS	i de la constante de
	////u , ///u	4924 SE 84th St. New ton, KS 67114		Cass #1 Job Ticket: (	63909	DST#:2
		ATTN: Ryan Seib		Test Start: 2	2018.08.17 @	D 09:32:25
GENERAL INFORM	ATION:					
Formation: LKC Deviated: No Time Tool Opened: 11:12 Time Test Ended: 15:19	Whipstock: :25	ft (KB)		Test Type: Tester: Unit No:	Convention Brandon Tu 79	al Bottom Hole (Reset) Irley
		50.00 ft (KB) (TVD)		Reference E	Elevations:	2816.00 ft (KB)
•	5.00 ft(KB)(TV 7.88 inchesHole	D) Condition: Good		KE	3 to GR/CF:	2811.00 ft (CF) 5.00 ft
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		J.00 II
Serial #: 8650 Press@RunDepth: Start Date: Start Time:	Below (Strado psig @ 2018.08.17 09:32:35		2018.08.17 15:21:29	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
الا F	F: 1/2" blow built S: No return. F: Surface blow S: No return.					
F	S: No return. F: Surface blow	built to 7 1/2" me				
200 773 703 703 703 703 703 703 703 703 7	5: No return. F: Surface blow S: No return.	built to 7 1/2"	- 120 - 120	PRESSU Pressure Temp (psig) (deg F	Annotati	
2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 779	S: No return. F: Surface blow S: No return. Pressure vs. The	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	
200 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 200 775 775 775 775 775 775 775 7	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	
200 200 200 200 200 200 200 200	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	ол 
200 700 700 700 700 700 700 700	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	ол 
239 239 775 775 775 775 775 775 775 77	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 115 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	ол 

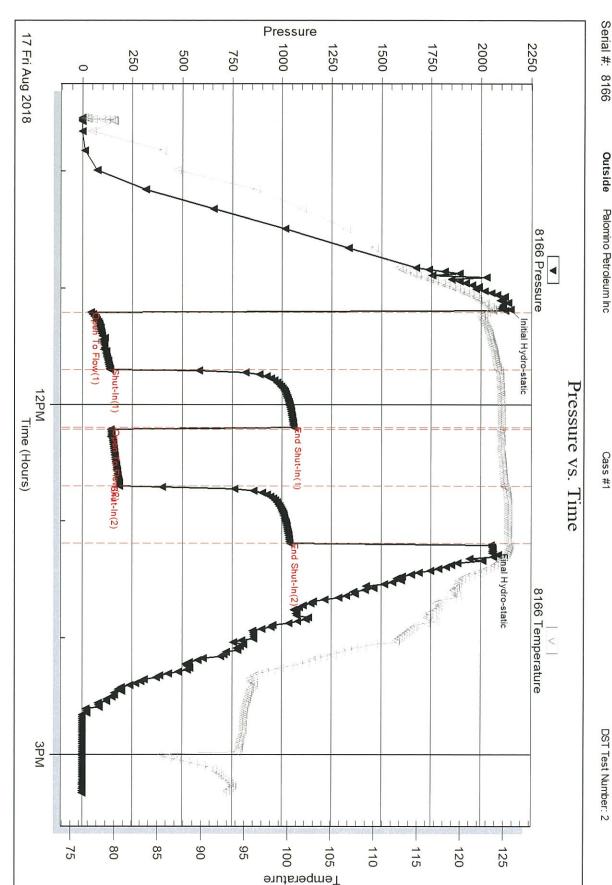
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RILOE		DRI		EM TEST	REPOF		TOOL DIAGRA
		Palomin	o Petroleum	Inc		6-14s-36w Gove,KS	
ES7	TING , INC	4924 SI	E84th St.			Cass #1	
		New ton	, KS 67114			Job Ticket: 63909	DST#: 2
		ATTN:	Ryan Seib			Test Start: 2018.08.17 @	
Tool Information							
	1010 00 6	Discontant	2.00			Teel\Atsisht	2000.00 //-
Drill Pipe: Length: Heavy Wt. Pipe: Length:	4010.00 ft	Diameter:		nches Volume: nches Volume:	56,25 bbl 0.00 bbl	Tool Weight: Weight set on Packer:	2000.00 lb
Drill Collar: Length:	122.00 ft			nches Volume:	0.60 bbl	Weight to Pull Loose:	
0		2121112121	2.20	Total Volume:		Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft					String Weight: Initial	70000.00 lb
Depth to Top Packer:	4144.00 ft					Final	72000.00 lb
Depth to Bottom Packer: Interval between Packers:	ft 600.00 ft						
Interval between Packers: Tool Length:	600.00 ft 622.00 ft						
Number of Packers:		Diameter:	6.75 ir	nches			
Tool Comments:	-		5.10 N				
Fool Description	Len	igth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb		1.00			4123.00		
Shut In Tool		5.00			4128.00		
Hydraulic tool		5.00			4133.00		
Safety Joint		2.00			4135.00		
Packer		5.00			4140.00	22.00	Bottom Of Top Packer
Packer		4.00			4144.00		
Stubb		1.00					
01000					4145.00		
		0.00	6651	Inside	4145.00 4145.00		
Recorder			6651 8166	Inside Outside			
Recorder Recorder		0.00			4145.00		
Recorder Recorder Perforations Change Over Sub		0.00 0.00 2.00 1.00			4145.00 4145.00 4147.00 4148.00		
Recorder Recorder Perforations Change Over Sub		0.00 0.00 2.00			4145.00 4145.00 4147.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe		0.00 0.00 2.00 1.00			4145.00 4145.00 4147.00 4148.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub		0.00 0.00 2.00 1.00 95.00			4145.00 4145.00 4147.00 4148.00 4243.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub		0.00 0.00 2.00 1.00 95.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale		0.00 0.00 2.00 1.00 95.00 1.00 5.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub		0.00 0.00 2.00 1.00 95.00 1.00 5.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale		0.00 0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb		0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00 4.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00 4255.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations		0.00 0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00 4.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00 4259.00 4260.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale		0.00 0.00 2.00 1.00 95.00 1.00 5.00 4.00 1.00 1.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4250.00 4255.00 4259.00 4260.00 4261.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub		0.00 0.00 2.00 1.00 95.00 1.00 5.00 4.00 1.00 1.00 1.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00 4255.00 4259.00 4260.00 4261.00 4262.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe Recorder		0.00 0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00 1.00 1.00 1.00 1.00 76.00	8166	Outside	4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4255.00 4255.00 4255.00 4259.00 4260.00 4261.00 4262.00 4738.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe		0.00 0.00 2.00 1.00 95.00 1.00 5.00 4.00 1.00 1.00 1.00 76.00 0.00	8166	Outside	4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4250.00 4259.00 4260.00 4260.00 4261.00 4262.00 4738.00	600.00 Bo	ttom Packers & Anchor

		RILL STEM TES	T REPORT	-	1		
RILOB	Pa	Ilomino Petroleum Inc		6-14s-36w	Gove,KS		
ESTING , INC.		024 SE 84th St.		Cass #1			
	Ne	ew ton, KS 67114		Job Ticket: 6	3909	DST#: 2	
		ITN: Ryan Seib		Test Start: 2	2018.08.17 @ 09	19:32:25	
Mud and Cushion Inf	ormation						
Mud Type: Gel Chem		Cushion Type:			Oil API:	0 deg API	
Mud Weight: 9.00 I	-	Cushion Length:		ft	Water Salinity:	19500 ppm	
Viscosity: 57.00 : Water Loss: 6.39 i		Cushion Volume:		bbl			
	ohm.m	Gas Cushion Type Gas Cushion Pres		psig			
Salinity: 1900.00 j				6.64			
Recovery Information							
according mormation		Recovery Table	9				
	Length ft	Description		Volume bbl	<b> </b>		
	189.	00 mcw 60%w 40%m		1.540	-		
	166.	00 mud 100%m		2.329			
То	otal Length:	355.00 ft Total Volume:	3.869 bbl				
Nu	um Fluid Samples:	0 Num Gas Bomb	os: 0	Serial #	:		
1 · ·	In a state of the second	1 - 4 4 1					
	boratory Name:	Laboratory Loc	cation:				
		Laboratory Loc : .26@91=19500	cation:				
			cation:				
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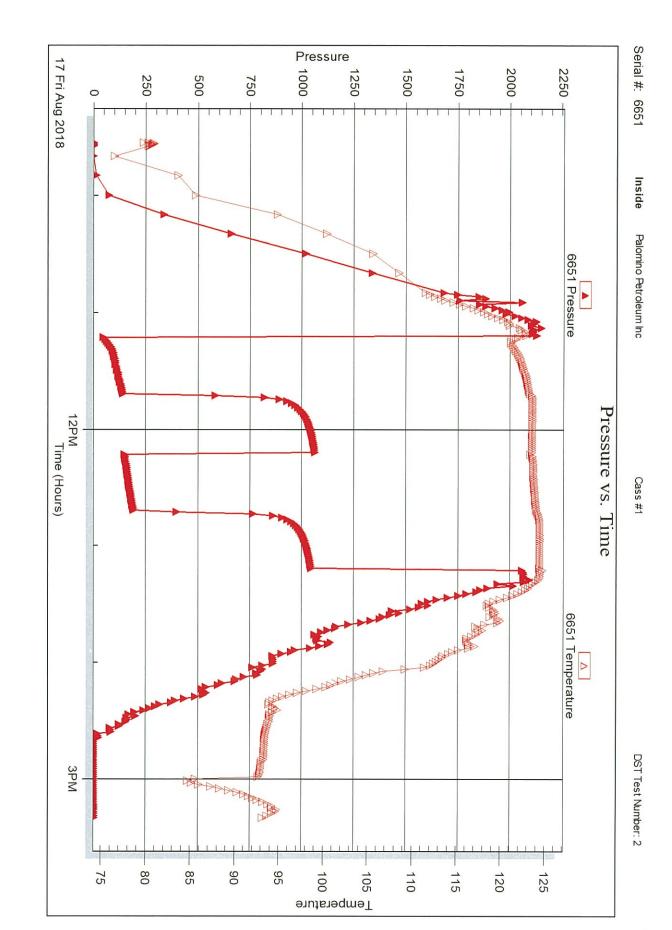
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Ref. No: 63909



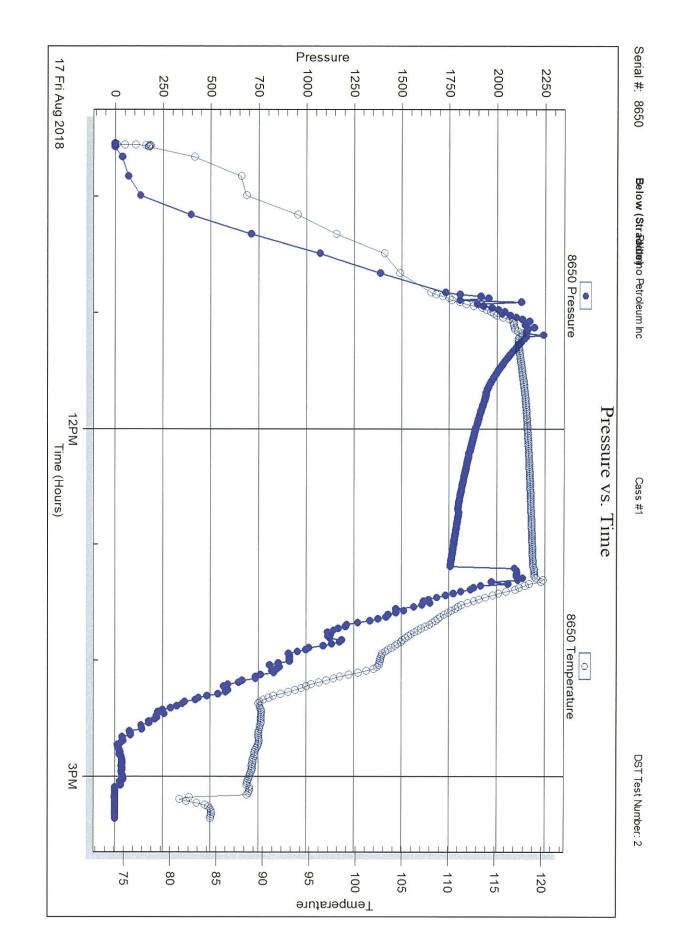
Printed: 2018.08.21 @ 11:37:30

Ref. No: 63909





Ref. No: 63909





### DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Cass #1

### 6-14s-36w Gove,KS

 Start Date:
 2018.08.17 @ 15:55:30

 End Date:
 2018.08.17 @ 21:56:00

 Job Ticket #:
 63910
 DST #:
 3

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

Printed: 2018.08.21 @ 11:36:38

RILOBITE	Palomino Petroleum II		ST REP	······································		
TESTING	Palomino Petroleum II	10		6-14s-	36w Gove,KS	
	4924 SE 84th St. New ton, KS 67114			Cass a Job Ticl	<b>#1</b> ket: 63910	DST#: 3
	ATTN: Ryan Seib			Test Sta	art: 2018.08.17 @	9 15:55:30
GENERAL INFORMATION						
Formation: Morrow Sau Deviated: No Whip Time Tool Opened: 17:46:00 Time Test Ended: 21:56:00	nd stock: ft (KB)			Test Ty Tester: Unit No:	Brandon Tu	al Bottom Hole (Reset) rley
Total Depth: 4745.00 ft	To 4610.00 ft (KB) (TVD) (KB) (TVD) :hesHole Condition: Good			Referer	nce Elevations: KB to GR/CF:	2816.00 ft (KB) 2811.00 ft (CF) 5.00 ft
Serial #: 8166 Outsi	de					· · · · · · · · · · · · · · · · · · ·
Start Date: 2018	1 psig         @         4226.00 ft (KB)           0.08.17         End Date:           555:35         End Time:		2018.08.17 21:55:59	Capacity: Last Calib.: Time On Btm Time Off Btm	2018.08.17	=
	zsure vs. Time			PRES	SSURE SUMM	ARY
	7100 Temperakan		Time	Pressure T	emp Annotatio	-
		- 139	(Min.) 0		eg F) 25.63   Initial Hydr	o-static
200		- 120	2	44.65 1	25.67 Open To F	
100		- - → 110	31 61		27.57 Shut-In(1) 30.26 End Shut-I	n(1)
	بالنظرية ( المالية المالية المالية المالية المالية المالية المالية المالية المالية ( المالية المالية المالية ال المالية المالية المالية ( المالية المالي	,	62	162.14 1	30.03 Open To F	low (2)
1000		+ 130 avra (deg F)	91 123		30.29 Shut-In(2)	
		59 3 59 3 77	123	1	30.85 End Shut-1 30.97 Final Hydro	
ମାନ୍ୟ ପ୍ରଥମ୍ୟର 	974 Tire(Hazy)					
Dar	overy	T			Gas Rates	
	iption Volume (	(100			Choke (inches) Pressu	re (psig) Gas Rate (Mcf/d)
Length (fi) Desc	m					
Length (ft)         Desc           126.00         mcw 80%w 20%						
Length (ft) Desc						
Length (fi)         Desc           126.00         mcw 80%w 20%           126.00         w cm 20%w 80%	6m 1.77					
Length (ft)         Desc           126.00         mcw 80%w 20%           126.00         w cm 20%w 80%	6m 1.77					

RILOBITE	DRILL STEM TE			/ Gove,KS	
ESTING , INC	4924 SE 84th St.		Cass #1		-
	New ton, KS 67114		Job Ticket:	63910	DST#: 3
	ATTN: Ryan Seib		Test Start:	2018.08.17 (	@ 15:55:30
GENERAL INFORMATION:	· · · · · · · · · · · · · · · · · · ·				
Formation: <b>Morrow Sand</b> Deviated: No Whipstock: Time Tool Opened: 17:46:00 Time Test Ended: 21:56:00	ft (KB)		Test Type: Tester: Unit No:	Conventior Brandon Ti 79	nal Bottom Hole (Reset) urley
Interval:         4225.00 ft (KB) To         46 <sup>o</sup> Total Depth:         4745.00 ft (KB) (TV           Isla Disputation         7.00 inchest [k]	D)		Reference I		2816.00 ft (KB) 2811.00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Good		K	B to GR/CF:	5.00 ft
Serial #: 6651InsidePress@RunDepth:psigStart Date:2018.08.17Start Time:15:55:40		2018.08.17 21:56:04	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
EST COMMENT: IF: 3/4" blow BOE IS: No return. FF: Surface blow FS: No return.	built to 7 3/4"				
Pressure vs. Tr	TBC () CEST Temperature	Time	PRESSL Pressure Temp	IRE SUM	
		(17110.)	(psig) (deg F		
		3			
			G	as Rates	
FiAg205	Volume (bbl)	3			ure (psig) Gas Rate (Mcf/d)
reading and the second	Volume (bbl) 0.66	3			ure (psig) Gas Rate (Mc//d)
FiAg205	Volume (bbl)	3			ture (psig) Gas Rate (Mct/d)

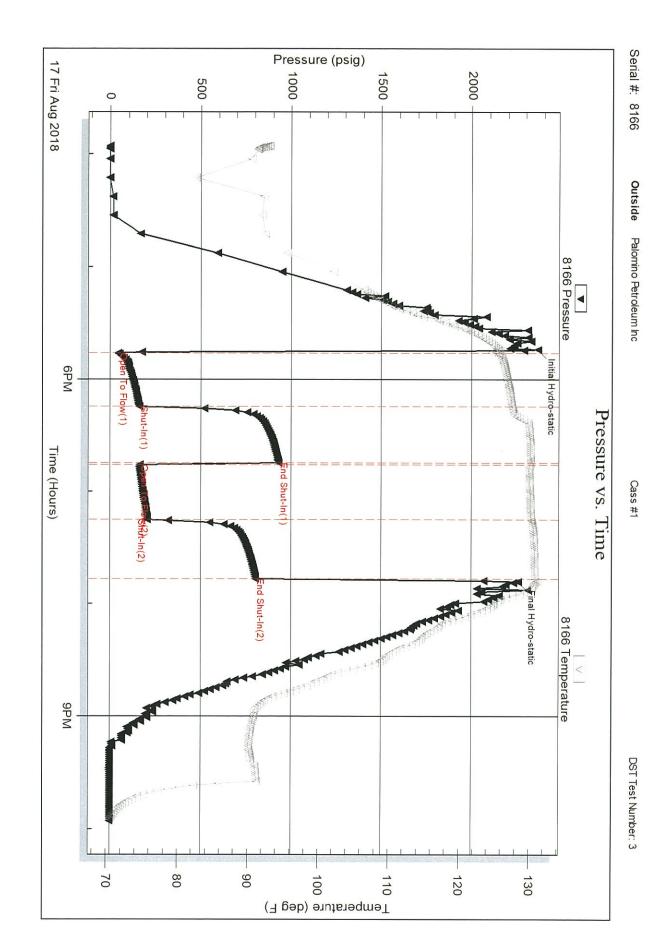
RILOBITE	DRILL STEM TE	ST REP	ORT		
	Palomino Petroleum Inc		6-14s-3	6w Gove,KS	)
ESTING , IN	6 4924 SE 84th St. New ton, KS 67114		Cass # Job Tick	<b>1</b> et: 63910	DST#: 3
	ATTN: Ryan Seib		Test Sta	rt: 2018.08.17 (	@ 15:55:30
GENERAL INFORMATION:	<u>_</u>				
Formation: <b>Morrow Sand</b> Deviated: No Whipstock Time Tool Opened: 17:46:00 Time Test Ended: 21:56:00	ft (KB)		Test Typ Tester: Unit No:	e: Convention Brandon Tu 79	al Bottom Hole (Reset) urley
fotal Depth: 4745.00 ft (KB)	<b>4610.00 ft (KB) (TVD)</b> (TVD) ole Condition: Good		Referen	ce Elevations: KB to GR/CF:	2816.00 ft (KB) 2811.00 ft (CF) 5.00 ft
Serial #: 8650 Below (Str Press@RunDepth: psi Start Date: 2018.08.1 Start Time: 15:55:2	a @ 4540.00 ft (KB) 7 End Date: 4 End Time:	2018.08.17 21:56:18	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
IS: No return. FF: Surface b	ow built to 7 3/4"				
FS: No return.	s, Time		PRES		14RY
FS: No return. Pressure v	6059 Torsponkry	Time (Min.)	Pressure Te	SURE SUMN	
FS: No return.		Time (Min.)	Pressure Te		
FS: No return.		(Min.)	Pressure Te	mp Annotat	
FS: No return.		(Min.)	Pressure Te (psig) (de	Gas Rates	
FS: No return.	Image: Second	(Min.)	Pressure Te (psig) (de	Gas Rates	ion
FS: No return.	ng volume (bb) Volume (bb) 0.66 1.77	(Min.)	Pressure Te (psig) (de	Gas Rates	ion
FS: No return.	Image: Second	(Min.)	Pressure Te (psig) (de	Gas Rates	ion
Fileson FS: No return.	ng volume (bb) Volume (bb) 0.66 1.77	(Min.)	Pressure Te (psig) (de	Gas Rates	ion

RILOBIT	Pa	Iomino Petroleum	Inc		6-14s-36w Gove,KS	
ESTIN		24 SE 84th St. w ton, KS 67114			Cass #1 Job Ticket: 63910	DST#: 3
SES.						
		TN: Ryan Seib			Test Start: 2018.08.17 @	y 15:55:30
Tool Information						
• •	090.00 ft Diam	neter: 3.80 in	nches Volume:	57.37 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Diam		iches Volume:	0.00 bbl	Weight set on Packer	
Drill Collar: Length: 1	122.00 ft Diam	neter: 2.25 in	iches Volume:		Weight to Pull Loose:	
Drill Pipe Above KB:	9.00 ft		Total Volume:	57.97 bbl	Tool Chased String Weight: Initial	0.00 ft 70000.00 lb
Depth to Top Packer: 42	225.00 ft				Final	75000.00 lb
Depth to Bottom Packer:	ft				1 11 21	70000.00 10
	321.00 ft					
•	343.00 ft	0.75				
Number of Packers:	2 Diam	eter: 6.75 in	iches			
Tool Comments:						
Tool Description	Length		Position		ccum. Lengths	
Stubb	1.00			4204.00		
Shut In Tool	5.00	U		4209.00		
Luduaulla Aalal	5.00	<u>^</u>		1011.00		
Hydraulic tool	5.00			4214.00		
Safety Joint	2.00	0		4216.00		
Safety Joint Packer	2.00 5.00	D D		4216.00 4221.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer	2.00 5.00 4.00	D D D		4216.00 4221.00 4225.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb	2.00 5.00 4.00 1.00	0 D D D		4216.00 4221.00 4225.00 4226.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder	2.00 5.00 4.00 1.00 0.00	D D D D D D 6651	Inside	4216.00 4221.00 4225.00 4226.00 4226.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder	2.00 5.00 4.00 1.00 0.00	D D D D D G G G G G G G G G G G G G G G	Inside Outside	4216.00 4221.00 4225.00 4226.00 4226.00 4226.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations	2.00 5.00 4.00 1.00 0.00 0.00 5.00	D D D D D C 6651 D 8166 D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub	2.00 5.00 1.00 0.00 5.00 1.00	D D D D D D 6651 D 8166 D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4226.00 4231.00 4232.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe	2.00 5.00 4.00 1.00 0.00 5.00 1.00 158.00	D D D D D D C C C D C C D C C C C C C C		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub	2.00 5.00 4.00 1.00 0.00 5.00 1.00 158.00 1.00	D D D D D D C C C D C D D C D C D D C D C C C C C C C C C C C C C C C C C C C C		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations	2.00 5.00 4.00 0.00 5.00 1.00 158.00 1.00 1.00	D D D D D D D B B D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub	2.00 5.00 4.00 1.00 0.00 5.00 1.00 158.00 1.00 10.00 1.00	D D D D D D D B B D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale	2.00 5.00 4.00 1.00 0.00 5.00 1.00 158.00 1.00 10.00 1.00 5.00	D D D D D D D B D D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale	2.00 5.00 4.00 1.00 0.00 5.00 1.00 158.00 1.00 10.00 5.00 4.00	D D D D D D D D D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4407.00 4411.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb	2.00 5.00 4.00 1.00 0.00 5.00 1.00 158.00 1.00 10.00 4.00 1.00	D D D D D D D D D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Orill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations	2.00 5.00 4.00 1.00 0.00 5.00 1.00 158.00 1.00 10.00 5.00 1.00 5.00 1.00 5.00 1.00	D D D D D D D D D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00 4413.00	22.00	Bottom Of Top Packer
Safety Joint Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub	2.00 5.00 4.00 1.00 0.00 5.00 158.00 1.00 10.00 4.00 1.00 1.00 1.00 1.00	D D D D D D D D D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00 4413.00 4414.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe	2.00 5.00 4.00 0.00 5.00 1.00 158.00 1.00 1.00 4.00 1.00 1.00 1.00 1.00 1	D D D D D D D D D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00 4413.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Orill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Orill Pipe	2.00 5.00 4.00 1.00 0.00 5.00 158.00 1.00 10.00 4.00 1.00 1.00 1.00 1.00	D D D D D D D D D D D D D D D D D D D		4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00 4413.00 4414.00	22.00	Bottom Of Top Packer
Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Orill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub	2.00 5.00 4.00 0.00 5.00 1.00 158.00 1.00 1.00 4.00 1.00 1.00 1.00 1.00 1	D D D D D D D D D D D D D D	Outside	4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00 4412.00 4413.00 4414.00	22.00	Bottom Of Top Packer

		DRIL	L STEM TEST	REPORT	<b>–</b>	F	
		Palomino I	Petroleum Inc		6-14s-36w	Gove,KS	
ESTI	VG , INC	4924 SE 8	84th St.		Cass #1		
		New ton, H			Job Ticket: 6	53910	DST#: 3
		ATTN: R	yan Seib		Test Start: 2	2018.08.17 @ 15:	55:30
Mud and Cushion Info	rmation						
Mud Type: Gel Chem			Cushion Type:			Oil A PI:	0 deg API
Mud Weight: 9.00 lb/	'gal		Cushion Length:		ft	Water Salinity:	15000 ppm
Viscosity: 57.00 se			Cushion Volume:		bbl		
Water Loss: 6.39 in <sup>a</sup>			Gas Cushion Type:				
Resistivity: 0.00 oh Salinity: 1900.00 pp			Gas Cushion Pressu	ile:	psig		
Filter Cake: 2.00 inc							
Recovery Information							
-			Recovery Table			-	
	Length ft		Description		Volume bbl		
			cw 80%w 20%m		0.656		
-			cm20%w 80%m		1.767		
L			ud 100%m		1.908	3	
Tota	I Length:	388.00	ft Total Volume:	4.331 bbl			
Labo	Fluid Samples pratory Name: overy Commen		Laboratory Loca 77=15000	tion:			
Trilobite Testing, Inc			No: 63910			: 2018.08.21 @ 1	

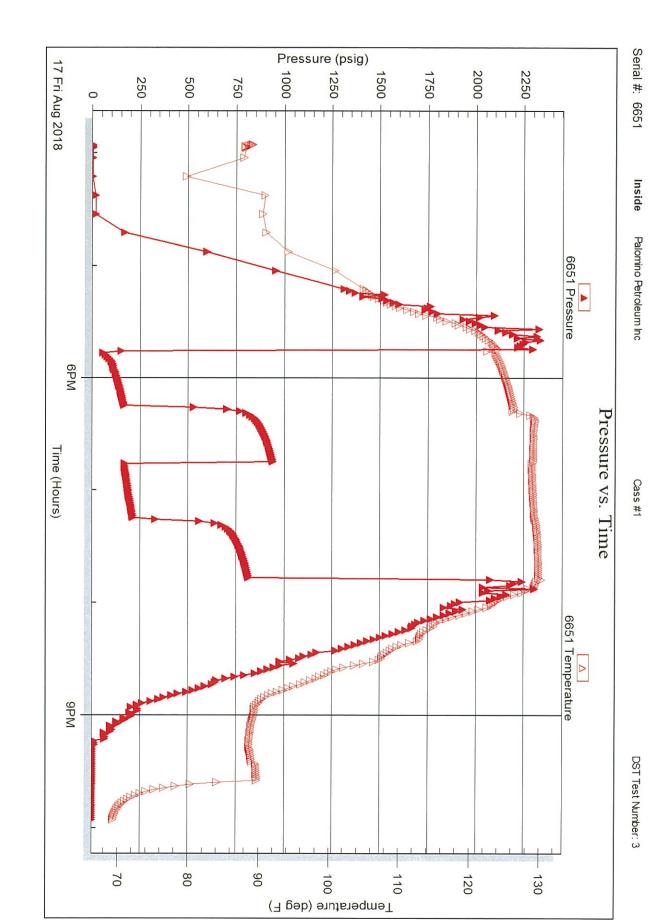
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Ref. No: 63910



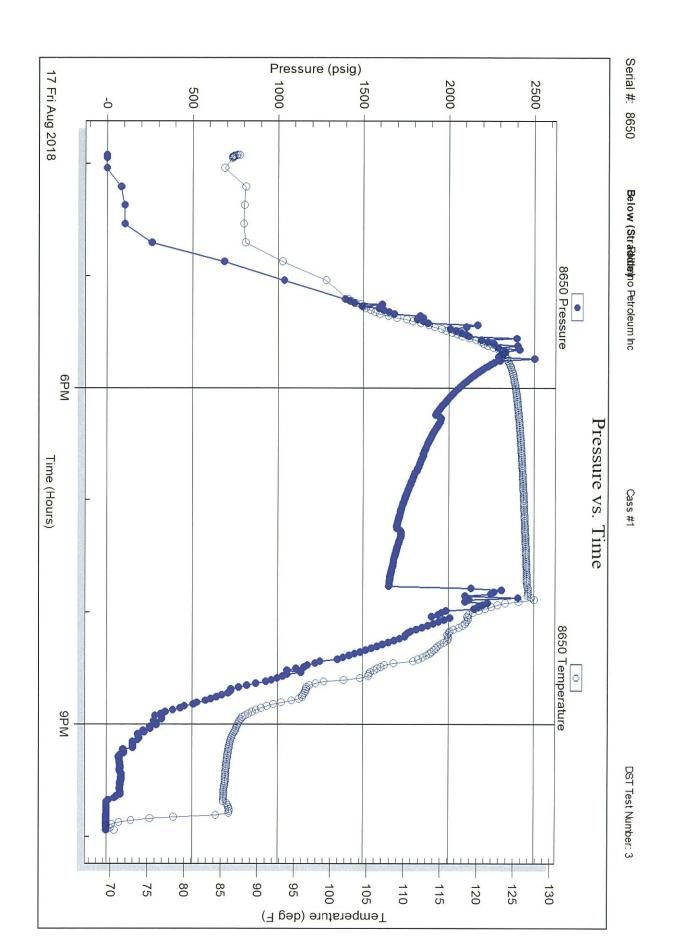
Printed: 2018.08.21 @ 11:36:39

Ref. No: 63910





Ref. No: 63910



RILOBITE			Test Ti	cket	
4/10 ESTING INC.			NO.	63908	
Well Name & No. <u>C955 #1</u> Company Parlomino Petrol	eym Inc	Test No.		е <u>8-14-1</u> в <u>281/</u>	
Address 4924 SE 84th	C1 11	ston	K5 6/	14	GL
Co. Rep / Geo. <u>Rym</u> <u>Seib</u> Location: Sec. <u>6</u> Twp. <u>145</u>	36 W	_ Rig_ W		1	-5
		Co. GOW		StateK	J
Interval Tested 40.50 41.52 Anchor Length 101		1905		07	
	Drill Pipe Run	3905		NI. 9.Z	
Top Packer Depth     4045       Bottom Packer Depth     4050			Vis		
4157	Wt. Pipe Run	10	WL	1	
	_ Chlorides Z30		ystem LCM		
Blow Description IF: 314 blow	-	314.			
	urn,	10 24			
FF! Surface b		to 21/4			
Rec / Feet of Free oil	<b>1</b> ,	%gas /0	10%oil	0/	
Rec_132_ Feet of OCM		%gas 5	%oil	%water %water	%mud
Rec Feet of		%gas	%oil	%water	> %mud %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 133 BHT 118	Gravity AF	PIRW @	°F Chlor		ppm
(A) Initial Hydrostatic2038	9 Test 1150		T-On Location	23:15	5
(B) First Initial Flow 22_	Jars 250		T-Started		7
(C) First Final Flow 52	Safety Joint 75		T-Open	2:11	
(D) Initial Shut-In	Circ Sub NI	L	T-Pulled	4:11	
(E) Second Initial Flow 60	Hourly Standby		T-Out	5:40	
(F) Second Final Flow フワ	Mileage 84-	84	Comments		
(G) Final Shut-In 1075	Sampler				
(H) Final Hydrostatic 1982	Straddle				
	Shale Packer		Ruined Sh		
Initial Open _ 30	Extra Packer			acker	
Initial Shut-In30			Extra Cop	ies 0	
Final Flow 30	Extra Recorder		Sub Total Total155	9	
Final Shut-In 30	Day Standby		lotal		
	Accessibility	~	MP/DST Dis	c't	~
	500 iviai		5	24	

A/10 <b>RILOBITE</b> <b>ESTING</b> INC. 1515 Commerce Parkway • H	ays, Kansas 67601		<b>Test Ti</b> NO.	i <b>cket</b> 63909	
Well Name & No. <u>C955</u> #/ Company <u>Pg/omino</u> Retro/cun Address		Test No. 2 Elevation 28		е 8-17-19 в 2811	GL
Co. Rep/Geo. Rym Spit	36W co	Rig	vw#/1	D State KS	
Interval Tested $4/44$ $4260$ Anchor Length $1/6$ Top Packer Depth $4/44$ Bottom Packer Depth $4/260$ Total Depth $4/745$ Blow Description $IF: 1/2$ $blow$ $bwi$	Zone Tested Drill Pipe Run Drill Collars Run Wt. Pipe Run Chlorides	sing - 15 4010 122 0 ppm s	Mud V Vis WL	Nr. 9.4 57 6.4	
IS! NO return. FF: Surface blow b FS: No return. Rec_166 Feet of mud			%oil	%water /00	
Rec         189         Feet of         MCW           Rec         Feet of		%gas %gas	1		∽ %mud ∽ %mud %mud
Rec         Feet of           Rec         Feet of		%gas %gas	%oil %oil	%water %water	%mud %mud
<ul> <li>(A) Initial Hydrostatic 2146</li> <li>(B) First Initial Flow 41</li> <li>(C) First Final Flow 138</li> <li>(D) Initial Shut-In 1056</li> <li>(E) Second Initial Flow 141</li> <li>(F) Second Final Flow 185</li> <li>(G) Final Shut-In 1038</li> <li>(H) Final Hydrostatic 2051</li> </ul>	1150         Test       250         Jars       75         Safety Joint       75         Circ Sub       11/10         Hourly Standby       6         Mileage       84-7         Sampler       600         Shale Packer X       Z	34 500	T-On Location T-Started T-Open T-Pulled T-Out Comments	9:32	
Initial Shut-In	Extra Packer200 Extra Recorder Day Standby Accessibility Data2859		Extra Copi Sub Total Total MP/DST Disc		

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.

ATTE ATTE ATTE ATTE ATTE ATTE ATTE ATTE	• Hays, Kansas 67601	<b>Test Ticket</b> NO. 63910
Well Name & No. <u>C955</u> Company <u>Pg/omino</u> <u>Retro/en</u> Address Co. Rep / Geo. <u>Rygn</u> <u>Seib</u> Location: Sec. <u>6</u> Twp. <u>145</u>	Test No mElevation Rig Rge36 WCo6 d	<u>816 кв 281/ </u> GL
Interval Tested 4225 Anchor Length 185 Top Packer Depth 4225 Bottom Packer Depth 4610 Total Depth 4745 Blow Description IF: 3/4 6/04 <i>IS</i> : NO Neth M <i>FF</i> : 5476900, 610	Zone Tested <u>Morrou</u> Drill Pipe Run <u>4090</u> Drill Collars Run <u>122</u> Wt. Pipe Run <u>Chlorides</u> <u>1906</u> ppr	$\begin{array}{c} 5 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ $
F3!NONethRec136Feet ofMudRec126Feet ofWLMRec126Feet ofMLWRecFeet ofMLWRecFeet ofRecRecFeet ofRecRec Total388BHT1300(A) Initial Hydrostatic2364(B) First Initial Flow44(C) First Final Flow159(D) Initial Shut-In930(E) Second Initial Flow162(F) Second Final Flow203	%gas         %gas <t< td=""><td>%oil       %water       /00 %mud         %oil       Z ° %water       80 %mud         %oil       80 %water       20 %mud         %oil       %water       %mud         %oil       %water       %mud         %oil       %water       %mud</td></t<>	%oil       %water       /00 %mud         %oil       Z ° %water       80 %mud         %oil       80 %water       20 %mud         %oil       %water       %mud         %oil       %water       %mud         %oil       %water       %mud
(H) Final Hydrostatic     2256       Initial Open     JO       Initial Shut-In     30       Final Flow     30       Final Shut-In     30	<ul> <li>Sampler</li></ul>	Sub Total Total2775 MP/DST Disc't

, urrough the use 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.



## DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Cass #1

### 6-14s-36w Gove,KS

 Start Date:
 2018.08.15 @ 00:25:04

 End Date:
 2018.08.15 @ 05:40:04

 Job Ticket #:
 63908
 DST #: 1

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

	DRILL STEM TES	TREP	ORT				
RILOBITE	Palomino Petroleum Inc		6-1	4s-36w	Gove	,KS	
ESTING , INC.	4924 SE 84th St. New ton, KS 67114			<b>ss #1</b> Ticket: 63	3908	DS.	Γ#: 1
	ATTN: Ryan Seib		Tes	t Start: 20	018.08.	15 @ 00:25:0	)4
GENERAL INFORMATION:							
Formation:LKCH-IDeviated:NoWhipstock:Time Tool Opened:02:11:34Time Test Ended:05:40:04	ft (KB)		Tes	ter;		ntional Bottom n Turley	ı Hole (Initial)
Interval:4050.00 ft (KB) To41Total Depth:4152.00 ft (KB) (The depth of the			Ref	erence El	evation: to GR/C	2811	0.00 ft (KB) 0.00 ft (CF) 0.00 ft
Serial #: 8166         Outside           Press@RunDepth:         77.04 psig           Start Date:         2018.08.15           Start Time:         00:25:09	@ 4051.00 ft (KB) End Date: End Time:	2018.08.15 05:40:03	Capacity Last Cali Time On Time Off	b.; Btm:		8000 2018.08 8.15 @ 02:10 8.15 @ 04:13	:04
TEST COMMENT: IF: 3/4" blow buil IS: No return. FF: Surface blow FS: No return.							
Pressure vs. 1	11RC 800 Гетральго					IMMARY	
swedAg 298	AND TOTOTOTAND	Time (Min.) 0 2 32 60 61 91 122 124	Pressure (psig) 2038.12 22.68 52.69 1090.44 60.02 77.04 1075.39 1982.16	115.36 116.37 116.12 116.88	Initial Open Shut-I End S Open Shut-I End S	hut-ln(1) To Flow (2)	
Recovery	······································			Ga	s Rate	es	
Length (ft)         Description           132.00         ocm 5%o 95%m           1.00         free oil 100%o	Volume (bbi) 0.74 0.01			Choke (i	nches)	Pressure (psig)	Gas Rate (Mcf/d)

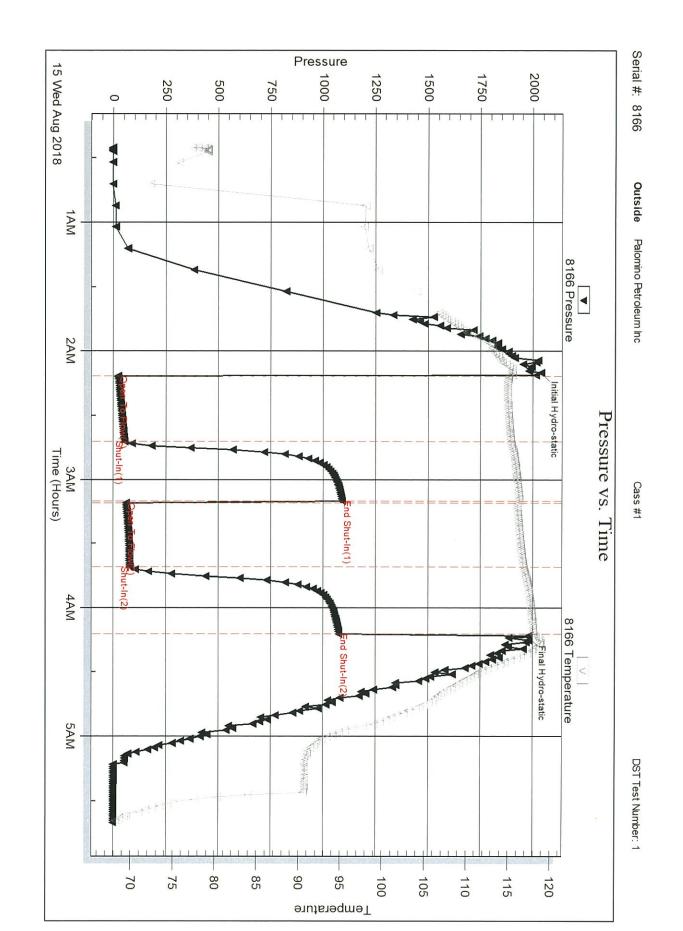
Trilobite Testing, Inc

RILOBITE	Palomino Petroleum Inc			0		
TESTING, INC				/ Gove,KS	)	
	4924 SE 84th St. New ton, KS 67114		Cass #1	~~~~		
	ATTN: Ryan Seib		Job Ticket: Test Start:	63908 2018.08.15 (	DST#:1 ର ୦୦:25:04	
GENERAL INFORMATION:						
Deviated: No Whipstock: Time Tool Opened: 02:11:34 Time Test Ended: 05:40:04	ft (KB)		Test Type: Tester: Unit No:	Convention Brandon Tu 79	al Bottom Hol urley	e (Initial)
Interval: 4050.00 ft (KB) To 41			Reference I	∃evations:	2816.00	
Total Depth: 4152.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	'D) Condition: Good		K	3 to GR/CF:	2811.00 5.00	
					5.00	IL.
<b>Serial #: 6651</b> Inside Press@RunDepth: psig (	@ 4051.00 ft (KB)		Capacity:		8000.00	neia
Start Date: 2018.08.15	End Date:	2018.08.15	Last Calib.:		2018.08.15	haið
Start Time: 00:26:01	End Time:	05:40:55	Time On Btm: Time Off Btm:			
IS: No return. FF: Surface blow FS: No return. Pressure vs. Th	mc		PRESSU	JRE SUMN	1ARY	
	built to 2 1/4"					
FF: Surface blow FS: No return.	mc	<b>T</b>	·····			
FF: Surface blow FS: No return. Pressure vs. Th	mc	(Min.)	PRESSL Pressure Temp (psig) (deg F	Annotat		
FF: Surface blow FS: No return. Pressure vs. Th		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.	mc crit Temperature 115	(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		·· · ·
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		
FF: Surface blow FS: No return.		(Min.)	Pressure Temp	Annotat		· · · · · · · · · · · · · · · · · · ·
FF: Surface blow FS: No return.		(Min.)	Pressure Temp (psig) (deg F	Annotat		· · · · ·
FF: Surface blow FS: No return.		(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	THC CERT Property CERT PROPERTY C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	IDC CEC Perspensive CEC PERSPENSIVE C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	THC CERT Property CERT PROPERTY C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)
FF: Surface blow FS: No return.	THC CERT Property CERT PROPERTY C	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion	Rate (Mcf/d)

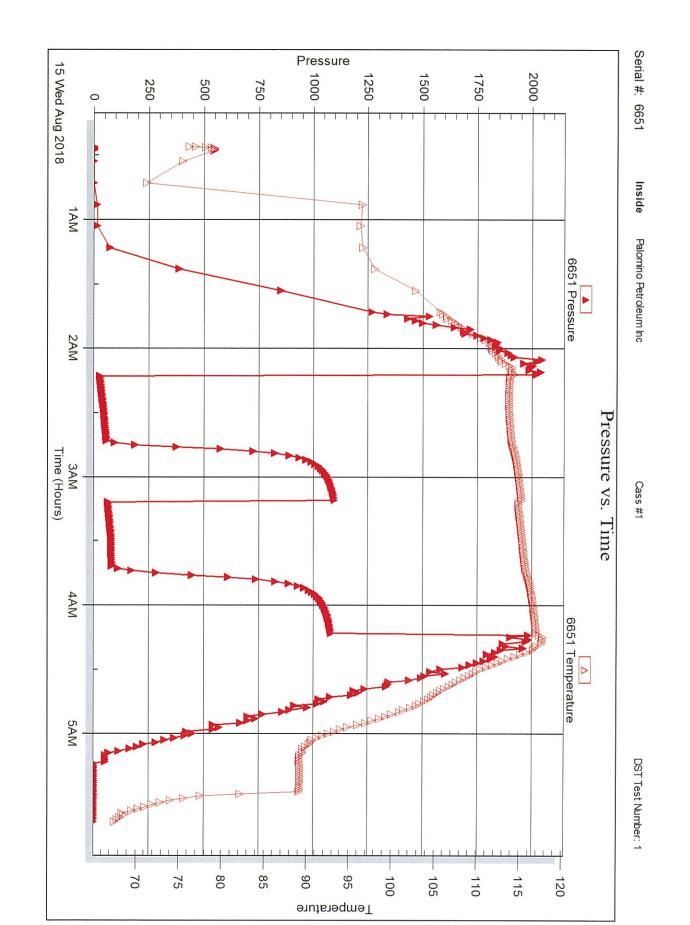
RILOB	RITE		o Petroleur		ST	REPO		TOOL DIAGRA
TEST	TING , INC	4924 SI	E 84th St. a, KS 67114				6-14s-36w Gove Cass #1 Job Ticket: 63908	,NS DST#:1
		ATTN:	Ryan Seib	1			Test Start: 2018.08.	
Tool Information								
Drill Pipe: Length: Heavy Wt. Pipe: Length: Drill Collar: Length: Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer: Interval betw een Packers: Tool Length: Number of Packers: Tool Comments:	0.00 ft 122.00 ft 4.00 ft 4050.00 ft ft 102.00 ft 129.00 ft	Diameter:	0.00 2.25	inches Vo inches Vo Inches Vo Total Vo	ilume: ilume:	54.78 bb 0.00 bb 0.60 bb 55.38 bb	I Weight set on Par I Weight to Pull Loc I Tool Chased String Weight: Ini	2000.00 lb cker: 30000.00 lb ose: 95000.00 lb 0.00 ft tial 60000.00 lb nal 60000.00 lb
Tool Description	Ler		Serial No	. Positi	on		Accum. Lengths	
Stubb		1.00				4024.00		
Shut In Tool		5.00				4029.00		
-tydraulic tool		5.00 5.00				4034.00		
Jars Sefety Joint		2.00				4039.00 4041.00		
Safety Joint Packer		2.00 5.00				4041.00	27.00	Bottom Of Top Packer
Packer		4.00				4050.00	27.00	
Stubb		1.00				4051.00		
Recorder		0.00	6651	Ins	side	4051.00		
Recorder		0.00	8166	Outs	side	4051.00		
Perforations		1.00				4052.00		
Change Over Sub		1.00				4053.00		
Drill Pipe		93.00				4146.00		
Change Over Sub		1.00				4147.00		
Bullnose		5.00				4152.00	102.00	Bottom Packers & Anchor
Total Tool	Length:	129.00						

		RILL STEM TEST R	EPORT			FLUID S	UMMARY
	ITE Pator	nino Petroleum Inc	6-1	4s-36w (	Gove,KS		
EST/	ING , INC 4924	SE 84th St.	Ca	ss #1			
		ton, KS 67114		Ticket: 63	908	DST#:1	
	ATT	l: Ryan Seib	Tes	st Start: 20	18.08.15 @ 0	0:25:04	
Mud and Cushion Info	ormation						
Mud Type: Gel Chem		Cushion Type:			Dil API:		0 deg API
Mud Weight: 9.00 lb		Cushion Length:	ft		Water Salinity:		0 ppm
Viscosity: 61.00 s WaterLoss: 7.19 in		Cushion Volume: Gas Cushion Type:	bbl				
Resistivity: 0.00 o		Gas Cushion Pressure:	psig	1			
Salinity: 2300.00 p Filter Cake: 2.00 ir				-			
Recovery Information						1.10.1.1.1	
		Recovery Table					
	Length ft	Description	\\	/olume bbl			
	132.00	ocm 5%o 95%m		0.740			
	1.00	free oil 100%o		0.014			
Tota	al Length: 13	3.00 ft Total Volume:	0.754 bbl				
Kec	Juvery commencines.						
Kec	covery Comments:						

Ref. No: 63908



Ref. No: 63908





# DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum Inc

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Cass #1

#### 6-14s-36w Gove,KS

Start Date: 2018.08.17 @ 09:32:25 End Date: 2018.08.17 @ 15:19:55 Job Ticket #: 63909 DST #: 2

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

RILOBITE	DRILL STEM TES	ST REP			
	Palomino Petroleum Inc		6-14s-3	36w Gove,KS	
ESTING , IN	4924 SE 84th St. New ton, KS 67114		Cass # Job Tick	<b>:1</b> et: 63909	DST#:2
	ATTN: Ryan Seib		Test Sta	rt: 2018.08.17 @	09:32:25
GENERAL INFORMATION:	····				
Formation: LKC K Deviated: No Whipstock Time Tool Opened: 11:12:25 Time Test Ended: 15:19:55	ft (KB)		Test Tyr Tester: Unit No:	be: Conventiona Brandon Tu 79	al Bottom Hole (Reset) rley
Total Depth: 4745.00 ft (KB)	<b>4260.00 ft (KB) (TVD)</b> TVD) ble Condition: Good		Referen	ce Elevations: KB to GR/CF:	2816.00 ft (KB) 2811.00 ft (CF) 5.00 ft
Serial #: 8166 Outside Press@RunDepth: 185.38 psig Start Date: 2018.08.1' Start Time: 09:32:30 TEST COMMENT: IF: 1/2" blow b IS: No return. FE: Surface bl	End Date: End Time:	2018.08.17 15:19:54	Capacity: Last Calib.: Time On Btm: Time Off Btm	2018.08.17	-
FS: No return.					
Pressure v.	Time	Time	7	SURE SUMM	
100 170 170 170 170 170 170 170		(Min.) 0 2 31 61 62	(psig)         (de           2146.42         12           41.25         12           138.62         12           1056.37         12           141.63         12           185.38         12           1038.19         12	Promotion           reg F)           23.74         Initial Hydr           23.05         Open To F           24.35         Shut-In(1)           24.80         End Shut-I           24.55         Open To F           25.12         Shut-In(2)           25.53         End Shut-I           25.77         Final Hydr	o-static ilow (1) n(1) ilow (2) n(2)
Recover	,			Gas Rates	
Length (ft) Description	Volume (bbl)		(	Choke (inches) Pressu	re (psig) Gas Rate (Mcf/d)
189.00 mcw 60%w 40%m 166.00 mud 100%m	1.54 2.33				
100.00 111007011		1			

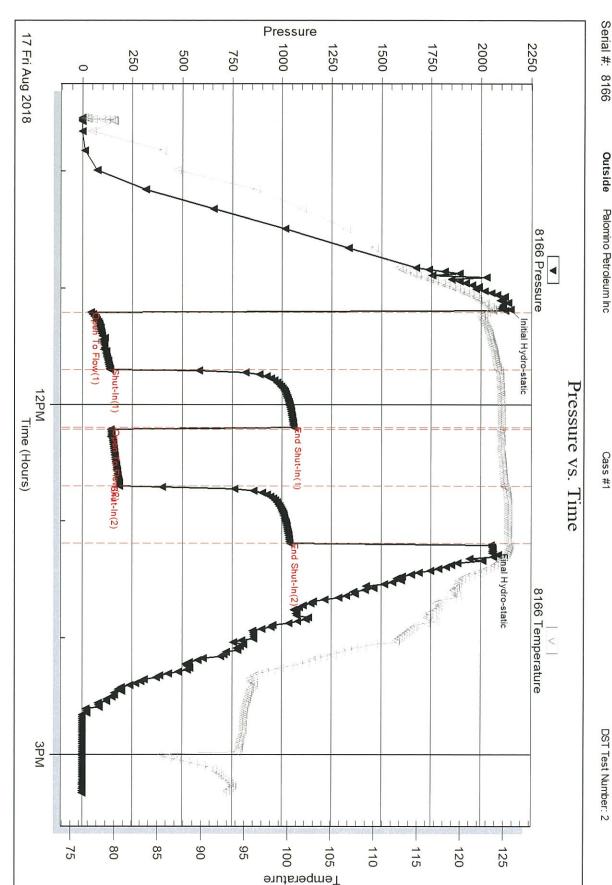
RILOBITE	DRILL STEM TE	SI KEP			
TESTING, INC	Palomino Petroleum Inc		6-14s-36v	v Gove,KS	<b>i</b>
	4924 SE 84th St. New ton, KS 67114		Cass #1 Job Ticket:	63909	DST#: 2
	ATTN: Ryan Seib			2018.08.17 (	
GENERAL INFORMATION:					
Formation: LKC K Deviated: No Whipstock: Fime Tool Opened: 11:12:25 Fime Test Ended: 15:19:55	ft (KB)		Test Type: Tester: Unit No:	Conventior Brandon Ti 79	al Bottom Hole (Reset) Irley
nterval: 4144.00 ft (KB) To 42 Fotal Depth: 4745.00 ft (KB) (Tv Hole Diameter: 7.88 inches Hole			Reference K	Elevations: B to GR/CF:	2816.00 ft (KB) 2811.00 ft (CF) 5.00 ft
Serial #: 6651 Inside Press@RunDepth: psig 6 Start Date: 2018.08.17 Start Time: 09:32:42	@ 4145.00 ft (KB) End Date: End Time:	2018.08.17 15:20:06	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
EST COMMENT: IF: 1/2" blow built IS: No return. FF: Surface blow FS: No return.					
Pressure vs. Th				JRE SUMA	
Pressure vs. The second	ime met important met importanti met importan	(Min.)	PRESSI Pressure Temp (psig) (deg F	Annotat	
Pressure vs. The second		(Min.)	Pressure Temp (psig) (deg F	Annotat	
Pressure vs. The second		(Min.)	Pressure Temp (psig) (deg F	Annotat	
Pressure vs. The Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission Transmission		(Min.)	Pressure Temp (psig) (deg F	Annotat	ion

RILC	)BITE  -	DRILL STEM T			K	
TEC	TING , INC	Palonino Petroleum inc			/ Gove,KS	i de la constante de
	////u , ///u	4924 SE 84th St. New ton, KS 67114		Cass #1 Job Ticket: (	63909	DST#:2
		ATTN: Ryan Seib		Test Start: 2	2018.08.17 @	D 09:32:25
GENERAL INFORM	ATION:					
Formation: LKC Deviated: No Time Tool Opened: 11:12 Time Test Ended: 15:19	Whipstock: :25	ft (KB)		Test Type: Tester: Unit No:	Convention Brandon Tu 79	al Bottom Hole (Reset) Irley
		50.00 ft (KB) (TVD)		Reference E	Elevations:	2816.00 ft (KB)
•	5.00 ft(KB)(TV 7.88 inchesHole	D) Condition: Good		KE	3 to GR/CF:	2811.00 ft (CF) 5.00 ft
				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		J.00 II
Serial #: 8650 Press@RunDepth: Start Date: Start Time:	Below (Strado psig @ 2018.08.17 09:32:35		2018.08.17 15:21:29	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
الا F	F: 1/2" blow built S: No return. F: Surface blow S: No return.					
F	S: No return. F: Surface blow	built to 7 1/2" me				
200 773 703 703 703 703 703 703 703 703 7	5: No return. F: Surface blow S: No return.	built to 7 1/2"	- 120 - 120	PRESSU Pressure Temp (psig) (deg F	Annotati	
2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 2000 7790 779	S: No return. F: Surface blow S: No return. Pressure vs. The	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	
200 200 775 775 775 775 775 775 775 7	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	
200 200 200 200 200 200 200 200	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	ол 
200 770 770 770 770 770 770 770	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	ол 
239 239 775 775 775 775 775 775 775 77	S: No return. F: Surface blow S: No return. Pressure vs. The Pressure vs. The P	built to 7 1/2"	- 120 (Min.) - 116 - 119 - 120 5 - 120	Pressure Temp (psig) (deg F	Annotati	ол 

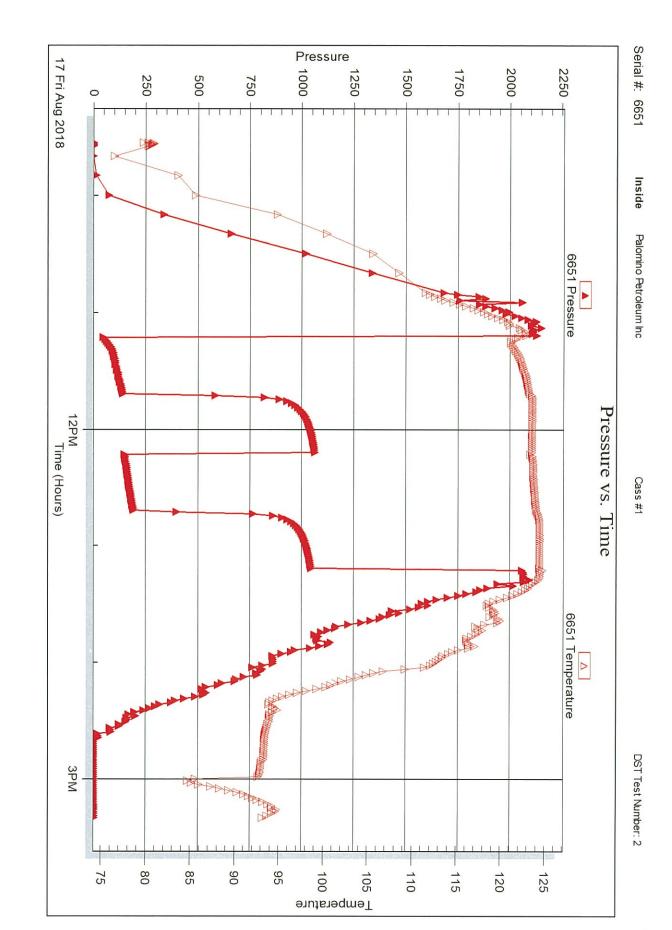
RILOE		DRI		EM TEST	REPOF		TOOL DIAGRA
		Palomin	o Petroleum	Inc		6-14s-36w Gove,KS	
ES7	TING , INC	4924 SI	E84th St.			Cass #1	
		New ton	, KS 67114			Job Ticket: 63909	DST#: 2
		ATTN:	Ryan Seib			Test Start: 2018.08.17 @	
Tool Information							
	1010 00 6	Discontant	2.00			Teel\Atsisht	2000.00 //-
Drill Pipe: Length: Heavy Wt. Pipe: Length:	4010.00 ft	Diameter:		nches Volume: nches Volume:	56,25 bbl 0.00 bbl	Tool Weight: Weight set on Packer:	2000.00 lb
Drill Collar: Length:	122.00 ft			nches Volume:	0.60 bbl	Weight to Pull Loose:	
0		2121112121	2.20	Total Volume:		Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft					String Weight: Initial	70000.00 lb
Depth to Top Packer:	4144.00 ft					Final	72000.00 lb
Depth to Bottom Packer: Interval between Packers:	ft 600.00 ft						
nterval between Packers: Tool Length:	600.00 ft 622.00 ft						
Number of Packers:		Diameter:	6.75 ir	nches			
Tool Comments:	-		5.10 N				
Fool Description	Len	igth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb		1.00			4123.00		
Shut In Tool		5.00			4128.00		
Hydraulic tool		5.00			4133.00		
Safety Joint		2.00			4135.00		
Packer		5.00			4140.00	22.00	Bottom Of Top Packer
Packer		4.00			4144.00		
Stubb		1.00					
01000					4145.00		
		0.00	6651	Inside	4145.00 4145.00		
Recorder			6651 8166	Inside Outside			
Recorder Recorder		0.00			4145.00		
Recorder Recorder Perforations Change Over Sub		0.00 0.00 2.00 1.00			4145.00 4145.00 4147.00 4148.00		
Recorder Recorder Perforations Change Over Sub		0.00 0.00 2.00			4145.00 4145.00 4147.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe		0.00 0.00 2.00 1.00			4145.00 4145.00 4147.00 4148.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub		0.00 0.00 2.00 1.00 95.00			4145.00 4145.00 4147.00 4148.00 4243.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub		0.00 0.00 2.00 1.00 95.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale		0.00 0.00 2.00 1.00 95.00 1.00 5.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub		0.00 0.00 2.00 1.00 95.00 1.00 5.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale		0.00 0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb		0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00 4.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00 4255.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations		0.00 0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00 4.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00 4259.00 4260.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale		0.00 0.00 2.00 1.00 95.00 1.00 5.00 4.00 1.00 1.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4250.00 4255.00 4259.00 4260.00 4261.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub		0.00 0.00 2.00 1.00 95.00 1.00 5.00 4.00 1.00 1.00 1.00 1.00			4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4255.00 4255.00 4259.00 4260.00 4261.00 4262.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe Recorder		0.00 2.00 1.00 95.00 1.00 5.00 1.00 5.00 4.00 1.00 1.00 1.00 76.00	8166	Outside	4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4255.00 4255.00 4255.00 4259.00 4260.00 4261.00 4262.00 4738.00		
Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Drill Pipe		0.00 0.00 2.00 1.00 95.00 1.00 5.00 4.00 1.00 1.00 1.00 76.00 0.00	8166	Outside	4145.00 4145.00 4147.00 4148.00 4243.00 4244.00 4249.00 4250.00 4250.00 4259.00 4260.00 4260.00 4261.00 4262.00 4738.00	600.00 Bo	ttom Packers & Anchor

		ILL STEM TEST RE	EPORT		1	
RILOB	Palor	nino Petroleum Inc		6-14s-36w	Gove,KS	
ESTI	ING , INC 4924	SE 84th St.		Cass #1		
	New	ton, KS 67114		Job Ticket: 6	3909	DST#: 2
	ITTA	l: Ryan Seib		Test Start: 2	018.08.17 @ 09	9:32:25
Mud and Cushion Info	ormation					
Mud Type: Gel Chem		Cushion Type:			Oil API:	0 deg API
Mud Weight: 9.00 lt		Cushion Length:			Water Salinity:	19500 ppm
Viscosity: 57.00 s Water Loss: 6.39 ir		Cushion Volume: Gas Cushion Type:		bbl		
Resistivity: 0.00 o		Gas Cushion Pressure:		psig		
Salinity: 1900.00 p Filter Cake: 1.00 ir	pm					
Recovery Information						
•		Recovery Table				
	Length ft	Description		Volume bbl		
	189.00	mcw 60%w 40%m		1.540	4	
	166.00	mud 100%m		2.329		
Tot	al Length: 35	5.00 ft Total Volume:	3.869 bbl			

Ref. No: 63909

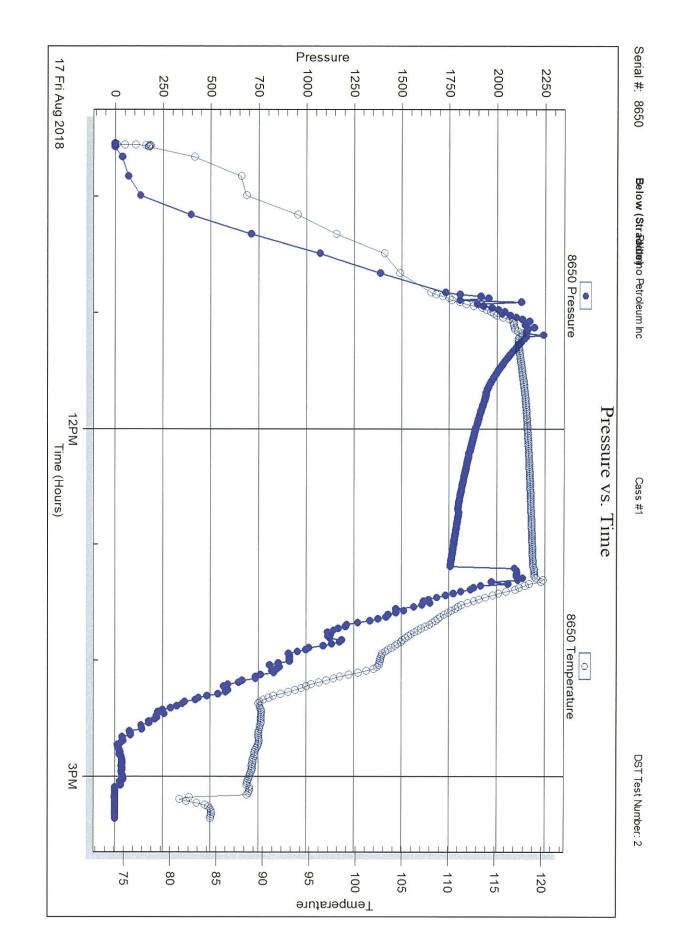


Ref. No: 63909





Ref. No: 63909





## DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Cass #1

### 6-14s-36w Gove,KS

 Start Date:
 2018.08.17 @ 15:55:30

 End Date:
 2018.08.17 @ 21:56:00

 Job Ticket #:
 63910
 DST #:
 3

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

RILOBITE	Palomino Petroleum Inc							
TESTING	Palomino Petroleum inc			6-1	4s-36w	Gove,KS		
	4924 SE 84th St. New ton, KS 67114				<b>ss #1</b> Ticket: 63	3910	DST#: 3	
	ATTN: Ryan Seib			Tes	t Start: 20	018.08.17 @	15:55:30	
GENERAL INFORMATION								
Formation: Morrow Sar Deviated: No Whip Fime Tool Opened: 17:46:00 Fime Test Ended: 21:56:00	nd stock: ft (KB)			Tes	ter:	Conventional Brandon Turl 79		e (Reset)
Fotal Depth: 4745.00 ft	To 4610.00 ft (KB) (TVD) (KB) (TVD) :hesHole Condition: Good			Ref	erence Ele KB t	evations: to GR/CF:	2816.00 2811.00 5.00	ft (CF)
Serial #: 8166 Outsi	de							
Start Date: 2018	1 psig         @         4226.00 ft (KB)           .08.17         End Date:           :55:35         End Time:		2018.08.17 21:55:59	Capacity Last Calil Time On Time Off	b.: Btm: :	2 2018.08.17 2018.08.17 @	-	psig
	zsure vs. Time			PF	RESSUF		RY	
Atto Pressure	antico Torpanáve		Time	Pressure	Temp	Annotation		
J. J.		- 131	(Min.) 0	(psig) 2364.67	(deg F) 125.63	Initial Hydro	-static	
222		- 120	2	44.65	125.67	Open To Flo		
		- 110	31 61	159.66 930.82	127.57 130.26	Shut-In(1) End Shut-In	(1)	
		1 empered	62	162.14	130.03	Open To Flo		
1000		129 (deg F)	91 123	203.71 804.46		Shut-In(2)	(2)	
			123	2258.86		End Shut-In Final Hydro		
ମାଧା ମଧ୍ୟ ଅଧ୍ୟର 	ີ ອີສຍ ໂຄະຊຸດີເວລ)							
-	overy	-			1	s Rates	<b>r</b>	
	iption Volume (bbl)	4			Choke (i	nches) Pressure	e (psig) Gas	Rate (Micf/d)
Length (ft) Descr	m							
Length (ft)         Descr           126.00         mcw 80%w 20%		-						
Length (ft) Descr								
Length (fi)         Descr           126.00         mcw 80%w 20%           126.00         w cm 20%w 80%	6m 1.77							
Length (fi)         Descr           126.00         mcw 80%w 20%           126.00         w cm 20%w 80%	6m 1.77							

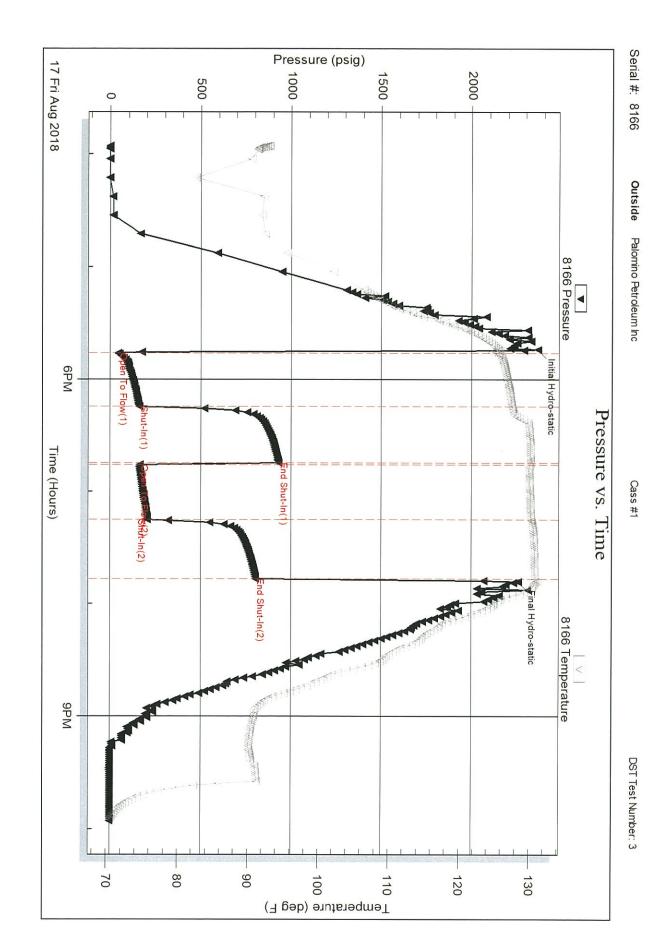
RILOBITE	DRILL STEM TE Palomino Petroleum Inc			v Gove,Ks	3
ESTING , INC	4924 SE 84th St.		Cass #1		-
	New ton, KS 67114		Job Ticket:	63910	DST#: 3
	ATTN: Ryan Seib		Test Start:	2018.08.17	@ 15:55:30
GENERAL INFORMATION:	*				
Formation: <b>Morrow Sand</b> Deviated: No Whipstock: Time Tool Opened: 17:46:00 Time Test Ended: 21:56:00	ft (KB)		Test Type: Tester: Unit No:	Conventior Brandon T 79	nal Bottom Hole (Reset) urley
nterval: 4225.00 ft (KB) To 46 Total Depth: 4745.00 ft (KB) (TV	′D)		Reference I		2816.00 ft (KB) 2811.00 ft (CF)
lole Diameter: 7.88 inchesHole	Condition: Good		K	B to GR/CF:	5.00 ft
Serial #:         6651         Inside           tress@RunDepth:         psig         6           Start Date:         2018.08.17         2018.08.17           Start Time:         15:55:40         15:55:40	@ 4226.00 ft (KB) End Date: End Time:	2018.08.17 21:56:04	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
EST COMMENT: IF: 3/4" blow BOE IS: No return. FF: Surface blow FS: No return.	built to 7 3/4"				
Pressure vs. Ti	IBC [] [254 Terponium	Time	PRESSU Pressure Temp	JRE SUM	
220 779 789 789 790 790 790 790 790 790 790 79		(Min.) Temperature (deg 5)	(psig) (deg F		
Recovery			G	as Rates	. <u>(<u>ann</u>a) (<u>an</u> an a</u>
Length (ft) Description	Volume (bbl)		Choke	(inches) Press	sure (psig) Gas Rate (Mcf/d)
126.00         mcw 80%w 20%m           126.00         w cm 20%w 80%m	0.66				
136.00 mud 100%m	1.77				

RILOBITE	DRILL STEM TE	ST REP	ORT		
	Palomino Petroleum Inc		6-14s-3	6w Gove,KS	)
ESTING , IN	6 4924 SE 84th St. New ton, KS 67114		Cass # Job Tick	<b>1</b> et: 63910	DST#: 3
	ATTN: Ryan Seib		Test Sta	rt: 2018.08.17 (	@ 15:55:30
GENERAL INFORMATION:	<u>_</u>				
Formation: <b>Morrow Sand</b> Deviated: No Whipstock Time Tool Opened: 17:46:00 Time Test Ended: 21:56:00	ft (KB)		Test Typ Tester: Unit No:	e: Convention Brandon Tu 79	al Bottom Hole (Reset) urley
fotal Depth: 4745.00 ft (KB)	<b>4610.00 ft (KB) (TVD)</b> (TVD) ole Condition: Good		Referen	ce Elevations: KB to GR/CF:	2816.00 ft (KB) 2811.00 ft (CF) 5.00 ft
Serial #: 8650 Below (Str Press@RunDepth: psi Start Date: 2018.08.1 Start Time: 15:55:2	a @ 4540.00 ft (KB) 7 End Date: 4 End Time:	2018.08.17 21:56:18	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2018.08.17
IS: No return. FF: Surface b	ow built to 7 3/4"				
FS: No return.	s, Time		PRES		14RY
FS: No return. Pressure v	6059 Torsponkry	Time (Min.)	Pressure Te	SURE SUMN	
FS: No return.		Time (Min.)	Pressure Te		
FS: No return.		(Min.)	Pressure Te	mp Annotat	
FS: No return.		(Min.)	Pressure Te (psig) (de	Gas Rates	
FS: No return.	Image: Second	(Min.)	Pressure Te (psig) (de	Gas Rates	ion
FS: No return.	ng volume (bb) Volume (bb) 0.66 1.77	(Min.)	Pressure Te (psig) (de	Gas Rates	ion
FS: No return.	Image: Second	(Min.)	Pressure Te (psig) (de	Gas Rates	ion
Fileson FS: No return.	ng volume (bb) Volume (bb) 0.66 1.77	(Min.)	Pressure Te (psig) (de	Gas Rates	ion

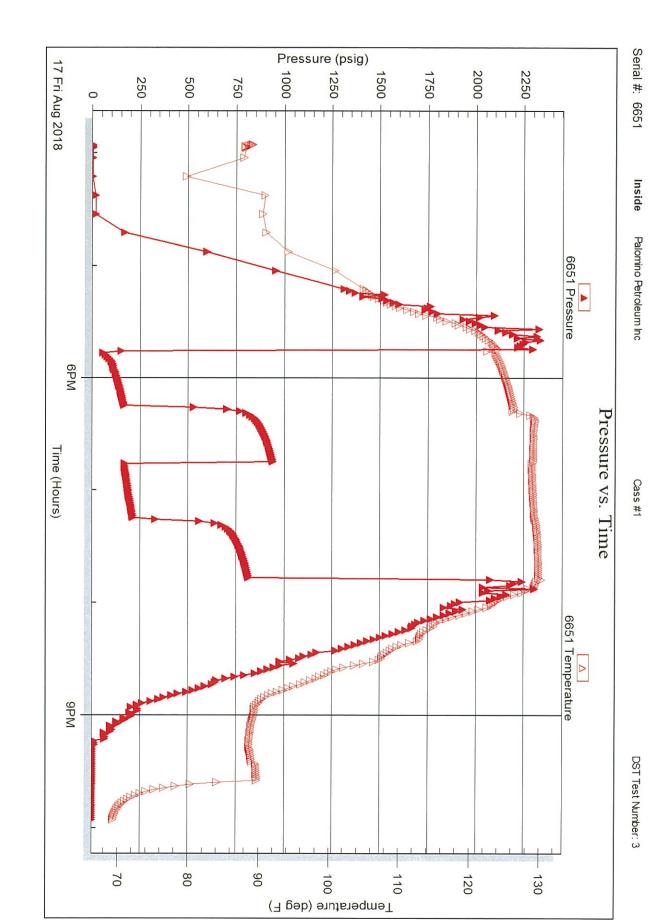
RILOBIT		Palomino	Petroleum li	nc		6-14s-36w Gove,K	S
<b>I</b> ESTIN	VG , INC.	4924 SE New ton,	84th St. KS 67114			Cass #1 Job Ticket: 63910	DST#: 3
		A 7775 I.	D				
		ATTN:	Ryan Seib			Test Start: 2018.08.17	@ 15:55:30
Tool Information							
• •		Diameter:	3.80 in	ches Volume:	57.37 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:		Diameter:		ches Volume:	0.00 bbl	Weight set on Pack	
Drill Collar: Length: '	122.00 ft	Diameter:	-	ches Volume:	0.60 bbl	Weight to Pull Loose	
Drill Pipe Above KB:	9.00 ft			Total Volume:	57.97 bbl	Tool Chased String Weight: Initia	0.00 ft 1 70000.00 lb
Depth to Top Packer: 42	225.00 ft					String Weight. Initia Final	
Depth to Bottom Packer:	ft					1 114	70000.0010
	321.00 ft						
v	343.00 ft		0.75				
Number of Packers:	2	Diameter:	6.75 in	ches			
Tool Comments:							
	_						
Tool Description	lon	gth (ft) 🖇	Serial No.	Position	Depth (ft) A	Accum. Lengths	
Tool Description	Len		oonarno.			<u>v</u>	
Stubb	Len	1.00			4204.00		
Stubb Shut In Tool	Len	1.00 5.00			4204.00 4209.00		
Stubb Shut In Tool Hydraulic tool	Len	1.00 5.00 5.00			4204.00 4209.00 4214.00		
Stubb Shut In Tool Hydraulic tool Safety Joint		1.00 5.00 5.00 2.00			4204.00 4209.00 4214.00 4216.00		
Stubb Shut In Tool Hydraulic tool Safety Joint Packer		1.00 5.00 5.00 2.00 5.00			4204.00 4209.00 4214.00 4216.00 4221.00	22.00	Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer		1.00 5.00 5.00 2.00 5.00 4.00			4204.00 4209.00 4214.00 4216.00 4221.00 4225.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb		1.00 5.00 5.00 2.00 5.00 4.00 1.00			4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4225.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00			4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 5.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint 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	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb 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 5.00 5.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 5.00 1.00 58.00 1.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 58.00 1.00 1.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 58.00 1.00 10.00 1.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 5.00 1.00 58.00 1.00 1.00 1.00 5.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4231.00 4390.00 4391.00 4401.00 4402.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 58.00 1.00 58.00 1.00 5.00 4.00 1.00 5.00 4.00 1.00 5.00 1.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4390.00 4391.00 4401.00 4407.00 4407.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 58.00 1.00 58.00 1.00 5.00 4.00 1.00 5.00 1.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 58.00 1.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4412.00 4413.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 58.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4390.00 4391.00 4401.00 4402.00 4407.00 4413.00 4413.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb 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 58.00 1.00 5.00 1.00 5.00 1.00 1.00 1.00 5.00 1.00 25.00 1.00 1.00 25.00	6651 8166	Inside Outside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4407.00 4407.00 4411.00 4412.00 4414.00 4414.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Orill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Packer - Shale Stubb Perforations Change Over Sub Orill Pipe Recorder		1.00           5.00           5.00           2.00           5.00           4.00           1.00           0.00           5.00           1.00           0.00           5.00           1.00           5.00           1.00           5.00           1.00           5.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           1.00           0.00	6651	Inside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4402.00 4407.00 4411.00 4412.00 4413.00 4414.00 4540.00		Bottom Of Top Packer
Stubb Shut In Tool Hydraulic tool Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer - Shale Packer - Shale Stubb Perforations Change Over Sub		1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 5.00 1.00 58.00 1.00 5.00 1.00 5.00 1.00 1.00 1.00 5.00 1.00 25.00 1.00 1.00 25.00	6651 8166	Inside Outside	4204.00 4209.00 4214.00 4216.00 4221.00 4225.00 4226.00 4226.00 4226.00 4231.00 4232.00 4390.00 4391.00 4401.00 4407.00 4407.00 4411.00 4412.00 4414.00 4414.00	22.00	Bottom Of Top Packer

RILOBI		ILL STEM TEST REF	PORT		FLUID SUMMARY
		ino Petroleum Inc	6-14s-3	36w Gove,KS	
ESTIN	VG , INC 4924	SE 84th St.	Cass #	·1	
		on, KS 67114	Job Tick	et: 63910	DST#: 3
	ATTN	Ryan Seib	Test Sta	rt: 2018.08.17 @ 1	5:55:30
Mud and Cushion Infor	mation				
Mud Type: Gel Chem		Cushion Type:		Oil API:	0 deg API
Mud Weight: 9.00 lb/	gal	Cushion Length:	ft	Water Salinity:	15000 ppm
Viscosity: 57.00 se		Cushion Volume:	bbl		
Water Loss: 6.39 in <sup>3</sup>		Gas Cushion Type:			
Resistivity: 0.00 oh Salinity: 1900.00 pp		Gas Cushion Pressure:	psig		
Filter Cake: 2.00 inc					
Recovery Information					
F		Recovery Table		·	
	Length ft	Description	Volun bbl		
	126.00	mcw 80%w 20%m		).656	
-	126.00	w cm 20%w 80%m		1.767	
L	136.00	mud 100%m		1.908	
Total	Length: 38	3.00 ft Total Volume: 4.	331 bbl		
Labo	Fluid Samples: 0 pratory Name: overy Comments: .3	Laboratory Location: 9@77=15000			

Ref. No: 63910

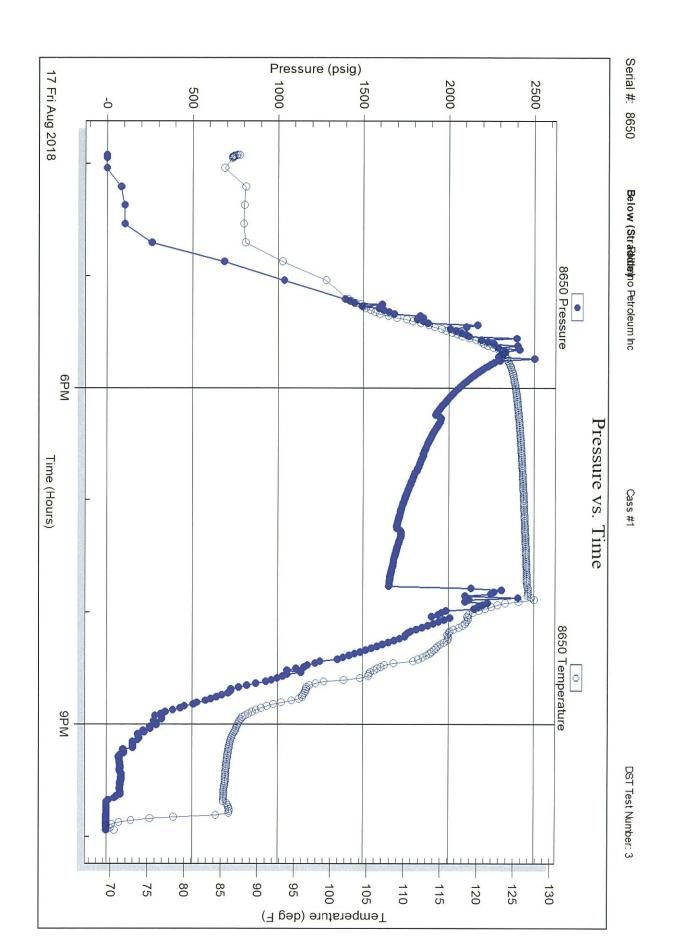


Ref. No: 63910





Ref. No: 63910



RILOBITE			Test Ti	cket	
4/10 ESTING INC.			NO.	63908	
Well Name & No. <u>C955 #1</u> Company Parlomino Petrol	eym Inc	Test No.		е <u>8-14-1</u> в <u>281/</u>	
Address 4924 SE 84th	C1 11	ston	K5 6/	14	GL
Co. Rep / Geo. <u>Rym</u> <u>Seib</u> Location: Sec. <u>6</u> Twp. <u>145</u>	36 W	_ Rig_ W		1	-5
		Co. GOW		StateK	J
Interval Tested 40.50 41.52 Anchor Length 101		1905		07	
	Drill Pipe Run	3905		NI. 9.Z	
Top Packer Depth     4045       Bottom Packer Depth     4050			Vis		
4157	Wt. Pipe Run	10	WL	1	
	_ Chlorides Z30		ystem LCM		
Blow Description IF: 314 blow	-	314.			
	urn,	10 24			
FF! Surface b		to 21/4			
Rec / Feet of Free oil	<b>1</b> ,	%gas /0	10%oil	0/	
Rec_132_ Feet of OCM		%gas 5	%oil	%water %water	%mud
Rec Feet of		%gas	%oil	%water	> %mud %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 133 BHT 118	Gravity AF	PIRW @	°F Chlor		ppm
(A) Initial Hydrostatic2038	9 Test 1150		T-On Location	23:15	5
(B) First Initial Flow 22_	Jars 250		T-Started		7
(C) First Final Flow 52	Safety Joint 75		T-Open	2:11	
(D) Initial Shut-In	Circ Sub NI	1L	T-Pulled	4:11	
(E) Second Initial Flow 60	Hourly Standby		T-Out	5:40	
(F) Second Final Flow フワ	Mileage 84-	84	Comments		
(G) Final Shut-In 1075	Sampler				
(H) Final Hydrostatic 1982	Straddle				
	Shale Packer		Ruined Sh		
Initial Open _ 30	Extra Packer			acker	
Initial Shut-In30			Extra Cop	ies 0	
Final Flow 30	Extra Recorder		Sub Total Total155	9	
Final Shut-In 30	Day Standby		lotal		
	Accessibility	~	MP/DST Dis	c't	~
	500 iviai		5	24	

A/10 A/10	ays, Kansas 67601	Test NO.	Ticket 63909
Well Name & No. <u>C955</u> #/ Company <u>Pg/omino</u> Retro/cur Address	Test N		Date <u>8-17-18</u> кв <u>2811</u> <sub>GL</sub>
Co. Rep/Geo. Rym Seit	Rig eЗ6ШСо	ww 1 Gove	\$10 State KS
Interval Tested $4/144$ $42.60$ Anchor Length $1/6$ Top Packer Depth $4/144$ Bottom Packer Depth $4260$ Total Depth $4745$ Blow Description $IF: 1/2 6/0 w 5 w$	Zone Tested Drill Pipe Run Drill Collars Run Wt. Pipe Run Chlorides	9-15 10 2-	Mud Wt. 9.4 /is 57 NL 6.4 .CM
IS! NO return. FF! Surface blow E FS! No return. Rec_166 Feet of mud			%water 100 %muc
Rec         189         Feet of         MCW           Rec         Feet of	%ga	as %oil	%water 40 %muc %water %muc
Rec         Feet of           Rec         Feet of	%ga %ga	as %oil	%water %muc
<ul> <li>(A) Initial Hydrostatic 2146</li> <li>(B) First Initial Flow 41</li> <li>(C) First Final Flow 138</li> <li>(D) Initial Shut-In 1056</li> <li>(E) Second Initial Flow 141</li> <li>(F) Second Final Flow 185</li> <li>(G) Final Shut-In 1038</li> <li>(H) Final Hydrostatic 2051</li> </ul>	1150         Test       250         Jars       75         Safety Joint       75         Circ Sub       11110         Hourly Standby       4         Mileage       84         Sampler       600         Straddle       50	T-On Loc T-Started T-Open	9:32 11:11 13:11 15:20
Initial Shut-In 30	Extra Packer200 Extra Recorder Day Standby Accessibility b Total2859	Sub Tota	2859

ATTO ATTO ATTO ATTO ATTO ATTO ATTO ATTO	• Hays, Kansas 67601	<b>Test Ticket</b> NO. 63910
Well Name & No. <u>C955</u> Company <u>Pg/omino</u> <u>Retro/en</u> Address Co. Rep / Geo. <u>Rygn</u> <u>Seib</u> Location: Sec. <u>6</u> Twp. <u>145</u>	Test No MElevation Rig Rge36 WCoGo	<u>816 кв 2811 <u></u>GL</u>
Interval Tested 4225 4610 Anchor Length 185 Top Packer Depth 4225 Bottom Packer Depth 4610 Total Depth 4745 Blow Description IF: 314 6104 T5: NO Keth rm FK: Surface, 61	Zone Tested <u>Morrou</u> Drill Pipe Run <u>4090</u> Drill Collars Run <u>122</u> Wt. Pipe Run <u>Chlorides</u> <u>1906</u> ppr	$\frac{5 \text{ Mud Wt. } 9.4}{\text{Vis} 57}$ $\frac{57}{\text{WL} 6.4}$ $\frac{57}{12 4}.$
F5!NoNethRec136Feet ofMudRec126Feet ofWLMRec126Feet ofMLWRecFeet ofMLWRecFeet ofRecRecFeet ofRecRec Total388BHT1300(A) Initial Hydrostatic2364(B) First Initial Flow44(C) First Final Flow159(D) Initial Shut-In930(E) Second Initial Flow162(F) Second Final Flow203	%gas         %gas <t< td=""><td>%oil       %water       /00 %mud         %oil       Z ° %water       80 %mud         %oil       80 %water       20 %mud         %oil       %water       %mud         %oil       %water       %mud         %oil       %water       %mud         %oil       %water       %mud</td></t<>	%oil       %water       /00 %mud         %oil       Z ° %water       80 %mud         %oil       80 %water       20 %mud         %oil       %water       %mud         %oil       %water       %mud         %oil       %water       %mud         %oil       %water       %mud
(G) Final Shut-In       807         (H) Final Hydrostatic       2258         Initial Open       30         Initial Shut-In       30         Final Flow       30         Final Shut-In       30	<ul> <li>Sampler</li></ul>	Sub Total Total MP/DST Disc't

, urrough the use 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.