KOLAR Document ID: 1411559

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	SecTwpS. R East _ West
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	·
Designate Type of Completion:	Lease Name: Well #:
☐ New Well ☐ Re-Entry ☐ Workover	Field Name:
☐ Oil ☐ WSW ☐ SWD ☐ Gas ☐ DH ☐ EOR	Producing Formation: Kelly Bushing: Elevation: Ground: Kelly Bushing: Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:
Operator:	•
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to EOR Conv. to SWD Plug Back Liner Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or 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 Approved by: Date:

KOLAR Document ID: 1411559

Page Two

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

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	ALTA 1
Doc ID	1411559

Tops

Name	Тор	Datum
Anhy.	2316	(+ 567)
Base Anhy.	2376	(+ 507)
Heebner	3933	(-1050)
Toronto	3953	(-1070)
Lansing	3969	(-1086)
Muncie Creek	4126	(-1243)
Stark	4217	(-1334)
Hushpuckney	4251	(-1368)
ВКС	4291	(-1408)
Marmaton	4321	(-1438)
Pawnee	4413	(-1530)
Ft. Scott	4475	(-1592)
Cherokee Sh.	4500	(-1617)
Miss.	4585	(-1702)
LTD	4707	(-1824)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	ALTA 1
Doc ID	1411559

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.750	8.625	23	217	Common	2% gel, 3% c.c.
Production	7.875	5.500	14	4703	SMD/EA/2	2% gel, 3% c.c.



P. O. Box 466 Ness City, KS 67560 Off: 785-798-2300



RECEIVED

Invoice

DATE	INVOICE#
5/18/2018	27271

BILL TO

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

We Appreciate Your Business!

- Acidizing
- Cement

Total

\$7,042.51

Tool Rental

TERMS	Well N	o. Lea	ase	County	Contractor	We	II Type	W	ell Category	Job Purpos	е	Operator
Net 30	#1	Al	lta	Gove	Cheyenne Well	Oil Developoment C			Cement Port Co	ollar	Jonathan	
PRICE	REF.			DESCRIPT	ION		QTY	1	υм	UNIT PRICE	,	AMOUNT
575D 576D-D 290 330 276 105 581D 583D		D-Air Swift Multi- Flocele	ge - Deep Density Fool Ren rge Ceme	Standard (MID Ital With Man ent	Pt.) & Port Collars			1 275	Miles Job Gallon(s) Sacks Lb(s) Each Sacks Ton Miles	5.00 1,300.00 42.00 16.25 2.50 275.00 1.75 0.85 8.50%		350.00 1,300.00 126.00T 3,250.00T 125.00T 275.00T 481.25 814.30 6,721.55 320.96



אורי מדעדר אור סספר	ADDRESS LETSOLEMAN	HARGE TO:

TICKET 27271

SERVICE LOCATIONS 1. Hays, X.5 WELLP	ROJECT NO LE		ISTATE CHY		
ce LOCATIONS	JECT NO LE		CITY	Company of the Control of the Contro	
	<u>_</u>		9	1	Z.
2. 2554 C. + X4 TIQ	TICKET TYPE CONTRACTOR	RIG NAMENO.	DELIVERED TO	ORDER NO.	
	10	heyerna Well Service	Location		
WEI		Development Cerrent Port III	WELL PERMIT NO.	WELL LOCATION	
REFERRAL LOCATION INVO	INVOICE INSTRUCTIONS				
PRICE SECONDARY REFERENCE PART NUMBER	LOC ACCI	DESCRIPTION	און איזס און איזס איזע איזס איזע איזע איזע	PRICE	AMOUNT
575		MILEAGE #1/3	70 mi	200	35000
576 D		Tump Charge Box Collar	C 1 EA	1300	1300
246		- 1	.3 44/	42	126100
330	R)	Swift Mult. Density Standar	1200 sks	1625	3250 00
276	82	Flocile		2 5	125
105	2	sollar Tool w/	Man 1/EA	275	275 00
581	l.	Service Charge Coment	275 21327366 165	1 75	481 25
583		C	70 mi 958 TM	3085	R 468
LEGAL TERMS: Customer hereby acknowledges and agrees to	acknowledges and agrees to	DEMIT DAVACNT TO:	SURVEY AGREE DECIDED AGREE	PAGE TOTAL	6721 55
the terms and conditions on the reverse side hereof which include,	se side hereof which include,	REMIT FATMENT TO:	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?		
LIMITED WARRANTY provisions.	ELEASE, INDEMNITY, and	SWIFT SERVICES, INC.	MET VIOLERS TO UP AND MET YOUR NEEDS? PERFORMED WITHOUT DELAY?		
START OF WORK OR DELIVERY OF GOODS	NO PORTO TO	P.O. BOX 466	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS	JANO.	201101
DATE SIGNED ASMINE 8	TIME BIGNED CI AM.	7960	ARE YOU SATISFIED WITH OUR SERVICE?	TOTAL	
		100-130-2000	CUSTOMER DID NOT WISH TO RESPOND	IOIAE	1048 51

Thank You!

PAGE NO. SWIFT Services, Inc. JOB LOG CUSTOMER Palomino Petroleum WELL NO. Alta #1 VOLUME (BBL) (GAL) PRESSURE (PSI) TIME DESCRIPTION OF OPERATION AND MATERIALS T C TUBING On location, set up trucks 1030 27/8"x 51/2" April Callar 2282" 1200 Test P.C. 1100 Dpen Tool Test-Blowing Start Coment 3 bpm 300 1110 300 Catch Circulation Cement Circulating, Ruse LUT, 14# Fin Cont, Start Displacement Fin Displacement Run 5. Ita 12 88 1141 100 200 1150 Reverse Out 350 1200 Fin Rev Out-Clean 30 1210 Wash up truck
Rack up
Job Complete Thanks Jon, Austin, Isaac



RECEIVED

MAY 1 7 2018

Invoice

DATE INVOICE# 5/11/2018 31400

P. O. Box 466 Ness City, KS 67560 Off: 785-798-2300

BILL TO

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

- Acidizing
- Cement

Total

\$13,091.62

Tool Rental

TERMS	Well N	lo.	Lease	County	Contractor	We	II Type	W	ell Category	Job Purpos	е	Operator
Net 30	#1		Alta	Gove	WW Drilling Rig #8		Oil I		evelopoment	Cement Long S	tr	Blaine
PRICE I	REF.			DESCRIPT	TON		QTY		UM	UNIT PRICE	UNIT PRICE A	
575D 578D-L 403-5 404-5 406-5 407-5 409-5 419-5 330 325 284 283 285 276 290 281 221 583D		Pumj 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 5 1/2 Swift Stanc Calse Salt CFR-Floce D-Ai Mud Liqui Servi Dray:	-1 ele ir Flush id KCL (Clayfix ice Charge Ceme age	et Flug & Baffle floe With Auto Rental Standard (MID)				1 1 1 1 12 1 125 100 5 500 50 50 4 225		5.00 1,300.00 275.00 2,500.00 250.00 325.00 85.00 200.00 16.25 13.00 35.00 0.20 4.50 2.50 42.00 1.50 25.00 1.75 0.85		400.00 1,300.00 275.00T 2,500.00T 250.00T 325.00T 1,020.00T 200.00T 175.00T 100.00T 225.00T 125.00T 125.00T 125.00T 125.00T 125.00T 100.00T 393.75 779.07 12,291.07 800.55
We Ap	pre	cia	te Your E	Busines	s!	!			Total	<u>_</u>	10,000	010.001.10

TICKET 031400

-	-	nd services list	des receipt of the materials and services listed on this ticket	ledaes receipt	OF MATERIALS AND SERVICES The customer hereby acknowled	AND SERVICES	OF MATERIAL	CUSTOMER ACCEPTANCE	cus	
12/8/1	TOTAL	TO RESPOND	CUSTOMER DID NOT WISH TO RESPOND	CUSTOMER DID	785-798-2300	785-		TIME SIGNED	SIGNED	DETE SI
2008 No. 2	8 2 S		UIPMENT	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	P.O. BOX 466 NESS CITY, KS 67560	P.O. NESS CI	0	MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS X M M M M M M M M M M M M	MUS I BE SIGNED BY CUSTOMER OR CUST START OF WORK OR DELIVERY OF GOODS X M M M M M M M M M M M M	START OF
100			DELAY?	MET YOUR NEEDS? OUR SERVICE WAS PERFORMED WITHOUT DELAY?	SWIFT SERVICES, INC.	SWIFT SE	,	visions.	LIMITED WARRANTY provisions	LIMITED
00	PAGE TOTAL	UNDECIDED DISAGREE	EY AGREE	SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND	REMIT PAYMENT TO:	REMIT P	and agrees to which include,	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to. PAYMENT. RELEASE: INDEMNITY and	TERMS: Custome and conditions on timited to. PAY	LEGAL the term but are
							-			
1										
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TI AMOUNT	UNIT	QTY. U/M	QTY. U/M		DESCRIPTION		ACCOUNTING LOC ACCT DF	SECONDARY REFERENCE/ PART NUMBER		PRICE
				٥	C	-		INVOICE INSTRUCTIONS	REFERRAL LOCATION	REFERR,
14 - 30 NOIT	WELL LOCATION		WELL PERMIT NO	P	JOB PURPOSE	WELL CATEGORY	WEL	WELL TYPE		4.
1	ORDER NO.	3	DELIVERED TO	SHIPPED	RIG NAME/NO.	66	CONTRACTOR			is is
18 OWNER	DATE NOLY		SARS CILA	STATE	COUNTY/PARISH	A Alba	NO. 1/ LEASE	KS WELL/PROJECT NO.	SERVICE OCCATIONS	SERVICE
PAGE OF	T)					CITY, STATE, ZIP CODE		ic.	Services, In	Ser
							ADDRESS		1	

SWIFT OPERATOR

APPROVAL

Thank You!

TICKET CONTINUATION

Покет No. 31420

23 47h	5%3	. 58		***************************************							ジル	281	340	376	285	283	284	325	330	REFERENCE	Seamen	
		**************************************		***************************************																SECONDARY REFERENCE/ PART NUMBER		
	#23/sp		~~~~					 												ACCOUNTING TIME	Ness City, KS 67560 Off: 785-798-2300	PO Box 466
	CHARGE TOTAL WEIGHT LOADED MILES	HARGE 335								0	TON Disoria	mudflush	D-#X	Florales	CFR -	salt		9	SMD coments		CUSTONER IND POTROLEUM	
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CONTINUATION TOTAL: 60%	0 85 779 07	1 15 3937				 	 					1,0		2 kg 125 kg	450 2250	00 00 B	35/00 M35 100	1	1624 631 25	UNIT AMOUNT	DATE MY 18 PAGE OF 2	No. 31700

PAGE NO. SWIFT Services. Inc. JOË LOĞ 11 MAY 18 TICKET NO. 31400 LEASE Alta CUSTOMER PETROBUM WELL NO. CHART NO. RATE (BPM) VOLUME (BBL) (GAL) PUMPS PRESSURE (PSI) DESCRIPTION OF OPERATION AND MATERIALS TIME TUBING CASING 1005k EAZ commt w/ 4# floode 125k 5MD commt w/ 4 floode 52×W# casing 112jts Gritolzers 1,3,5,7,9,11,12,13,15,17,19,56 Brelet 57 Botcoller 57 2298" on be TRK//4
stat 51" 114# casing in well
Diop ball - circult - ROTATE 1500 1540 12 Purp SOO gal Mudflish Purp 20 bbi KCL flush 20 43 MTX SND and 955 @ 125 ppg MTX Efter Count 1005 @ 15.3 ppg 1850 43 67 tota 1910 200 650 1930 Robert prosume to teach - dejed 2010

GLOBAL OIL FIELD LAVICES, LLC

24 S. Lincoln RUSSELL, KS 67665



Invoice

Date	Invoice #	
5/7/2018	3329	

Bill To
PALOMINO PETROLEUM INC
4924 SE 84TH ST
NEWTON,KS 67114

P.O. No.	Terms	Project
ALTA#1	Due on receipt	

	T				T
Quantity	Description		Rate		Amount
	COMMON CEMENT			16.50	
5				80.00	400.00
3	BENTONITE GEL			30.00	90.00
178	HANDLING BULK MILEAGE			1.90	338.20
	BULK MILEAGE			450.00	450.00
1	TRI-PLEX PUMP CHARGE FOR SURFACE			850.00	850.00
25	HEAVY EQUIPMENT. ONE WAY			6.50	162.50
25	LMV- ONE WAY			2.75	68.75
	250/ DIGGOLDIT IE DAID WITHIN 15 DAVE OF DIVO	CD			
	25% DISCOUNT IF PAID WITHIN 15 DAYS OF INVO NESS CO SALES TAX	CE		7.500/	0.00
	NESS CO SALES TAX			7.50%	0.00
	9				
Thank you for you	ir business.		T		
			Total		\$5 164 A5

Phone # Fax # 785-445-3525 785-445-3526

Total

\$5,164.45

GLOBAL OIL FIELD SERVICES, LLC 3329

	S. Linco ssell, KS		itel case payment in the lob action man syy of the recreasor	SER	VICE POINT:	Russell	KS been less
Izerativ zave vna 1 wa	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 5-1-18	19	14	30W	10 10 10 10 10 10 10 10 10 10 10 10 10 1	No. and and the		11:00 PM
TO FILL A JUD ON THE	idiamento et	V 880		24 or expect things of	ANT III	COUNTY	STATE
LEASE 4/49	WELL#.	-	LOCATION 10	anihot Gove	KD1 1/ West	Gove	1165
OLD OR NEW (CIRC	LE ONE)		RD 22 1/2)	Worth East Int	ent it biov one the	me locataço a	
CONTRACTOR //	WA	11/10		OWNER	Valania.	Perm	leun INC
TYPE OF JOB Sur	fare	The state of the s	n ya expanses, mor	white O palabe od ky e	neig pritywoja e	this Dominact.	to aime lemis or
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Global Oil Field S	ervices.	LLC		MANTANTE H <u>ERMILIE IN TRA</u>		0	
You are hereby requ			ing equipment ar	nd		@	
furnish cementer and	helper(s)	to assist ow	ner or contractor	to		@	
do work as is listed.					Analysis and the		
and supervision of ov							
understand the "GEI	NERAL T	ERMS AN	D CONDITIONS		in an investment		
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Prepared For: Palomino Petroleum Inc.

4824 SE. 84th.St. Newton KS 67114

ATTN: Ryan Seib

Alta #1

18-14s-30w Gove,KS

Start Date: 2018.05.06 @ 06:03:15
End Date: 2018.05.06 @ 12:09:45
Job Ticket #: 63589 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum Inc.

18-14s-30w Gove,KS Alta #1

4824 SE. 84th.St. New ton KS 67114

Job Ticket: 63589

DST#: 1

ATTN: Ryan Seib

Test Start: 2018.05.06 @ 06:03:15

GENERAL INFORMATION:

Formation:

LKC C

Deviated:

No Whipstock: ft (KB)

Tester: Mike Roberts

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 08:35:00 Time Test Ended: 12:09:45

interval:

3990.00 ft (KB) To 4023.00 ft (KB) (TVD)

Unit No:

2883.00 ft (KB)

Total Depth:

4023.00 ft (KB) (TVD)

Reference Elevations:

2878.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8647

Press@RunDepth:

23.35 psig @

3991.00 ft (KB)

Capacity: Last Calib .: 8000.00 psig

Start Date: Start Time:

2018.05.06 06:03:15

Inside

End Date: End Time: 2018.05.06 12:09:45

Time On Btm:

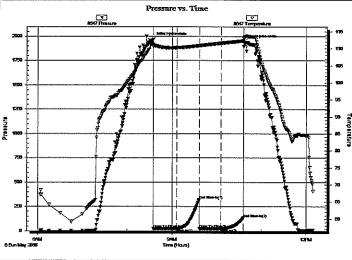
2018.05.06 2018.05.06 @ 08:34:45

Time Off Btm:

2018.05.06 @ 10:36:30

TEST COMMENT: IF:Built to weak surface blow

IS:No return blow FF:No blow FS:No return blow



		PI	RESSUR	RE SUMMARY
Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	1967.44	111.26	Initial Hydro-static
	1	21.60	110.40	Open To Flow (1)
	32	23.06	110.28	Shut-In(1)
ı	62	322.23	110.88	End Shut-In(1)
5	62	23.68	110.71	Open To Flow (2)
amo eratur	91	23.35	111.59	Shut-ln(2)
•	122	135.05	112.27	End Shut-In(2)
	122	1945.01	113.06	Final Hydro-static
١				
	;			

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100%m	0.00

Gas Rates	
Chala (inahaa) Ba	 Can Date (14-5/-5)

Trilobite Testing, Inc.

Ref. No: 63589



Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE. 84th.St. Newton KS 67114

Job Ticket: 63589

Alta #1

DST#: 1

ATTN: Ryan Seib

Test Start: 2018.05.06 @ 06:03:15

GENERAL INFORMATION:

Time Tool Opened: 08:35:00

Time Test Ended: 12:09:45

Formation:

LKC C

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Mike Roberts

Unit No:

81

KB to GR/CF:

Reference Elevations:

2883.00 ft (KB)

2878.00 ft (CF) 5.00 ft

Total Depth:

3990.00 ft (KB) To 4023.00 ft (KB) (TVD)

4023.00 ft (KB) (TVD)

Hole Diameter:

Start Date:

Start Time:

7.88 inches Hole Condition: Fair

Outside

Press@RunDepth:

psig @

06:03:15

3991.00 ft (KB)

2018.05.06

Time

Capacity: Last Calib.:

8000.00 psig 2018.05.06

Time On Btm:

Time Off Btm:

Serial #: 8374

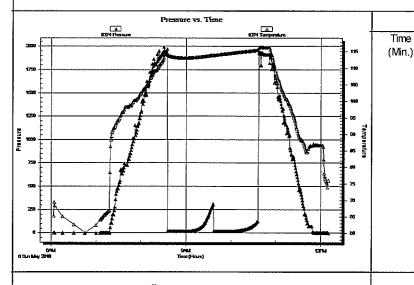
2018.05.06

End Date:

End Time: 12:10:15

TEST COMMENT: IF:Built to weak surface blow

IS:No return blow FF:No blow FS:No return blow



Pressure (psig)	Temp (deg F)	Annotation

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud 100%m	0.00

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 63589



TOOL DIAGRAM

Palomino Petroleum Inc.

4824 SE 84th.St. Newton KS 67114 18-14s-30w Gove, KS

Alta #1

Job Ticket: 63589

DST#: 1

ATTN: Ryan Seib

Test Start: 2018.05.06 @ 06:03:15

Tool Information

Drill Pipe Above KB:

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar.

Length: 3877.00 ft Diameter: Length:

0.00 ft Diameter: 117.00 ft Diameter:

32.00 ft

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

54.38 bbl 0.00 bbl 0.58 bbl

54.96 bbl

Tool Weight: 1500.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 60000.00 lb

Tool Chased

String Weight: Initial 48000.00 lb

Final 49000.00 lb

Depth to Top Packer:

3990.00 ft Depth to Bottom Packer: Interval between Packers: 33.00 ft

Tool Length: Number of Packers: 61.00 ft 2 Diameter:

ft

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3963.00		
Shut In Tool	5.00			3968.00		
Hydraulic tool	5.00			3973.00		
Jars	5.00			3978.00		
Safety Joint	3.00			3981.00		
Packer	5.00			3986.00	28.00	Bottom Of Top Packer
Packer	4.00			3990.00		
Stubb	1.00			3991.00		
Recorder	0.00	8647	Inside	3991.00		
Recorder	0.00	8374	Outside	3991.00		
Perforations	27.00			4018.00		
Bullnose	5.00			4023.00	33.00	Bottom Packers & Anchor

Total Tool Length:

61.00

Trilobite Testing, Inc Ref. No: 63589 Printed: 2018.05.11 @ 11:40:57



FLUID SUMMARY

Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE. 84th.St. New ton KS 67114 Alta #1 Job Ticket: 63589

ft

ldd

psig

DST#: 1

ATTN: Ryan Seib

Test Start: 2018.05.06 @ 06:03:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

9.00 lb/gal

67.00 sec/qt

Viscosity: Water Loss: 6.34 in³ Resistivity: 0.00 ohm.m

Salinity: 4800.00 ppm Filter Cake: 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API: Water Salinity: 0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100%m	0.005

Total Length:

1.00 ft

Total Volume:

0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Serial#:

Laboratory Name:

Recovery Comments:

Laboratory Location:

Trilobite Testing, Inc

Ref. No: 63589

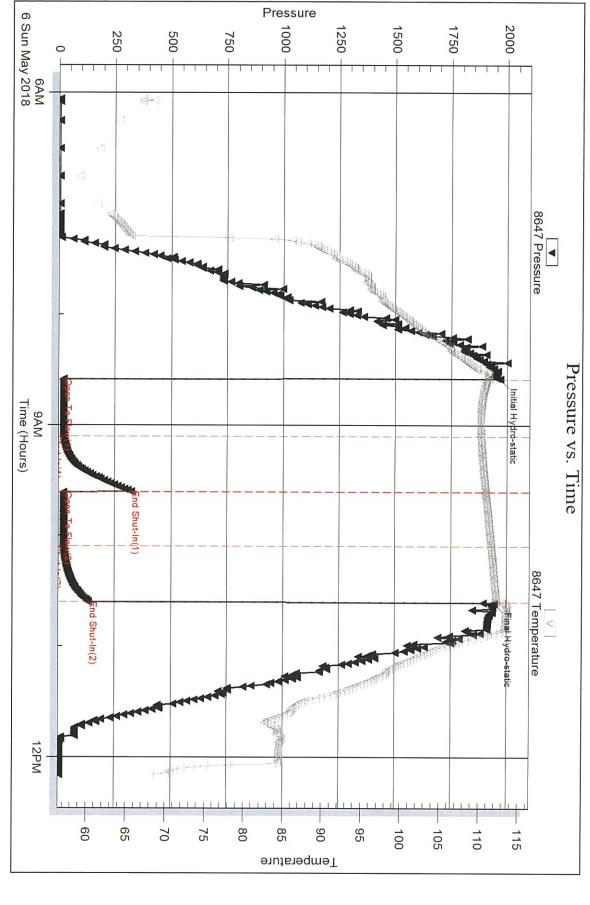
Printed: 2018.05.11 @ 11:40:58

Serial #: 8647

Inside



DST Test Number: 1



Temperature

Serial #: 8374

Outside Palomino Petroleum Inc.

Alta #1

DST Test Number: 1

Trilobite Testing, Inc

Ref. No: 63589



Prepared For: Palomino Petroleum Inc.

4824 SE. 84th.St. Newton KS 67114

ATTN: Ryan Seib

Alta #1

18-14s-30w Gove,KS

Start Date: 2018.05.06 @ 21:51:15
End Date: 2018.05.07 @ 03:10:00

Job Ticket #: 64590 DST #: 2

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum Inc.

18-14s-30w Gove,KS Alta #1

4824 SE. 84th.St. New ton KS 67114

Job Ticket: 64590

DST#: 2

ATTN: Ryan Seib

Test Start: 2018.05.06 @ 21:51:15

GENERAL INFORMATION:

Time Tool Opened: 23:33:15

Time Test Ended: 03:10:00

Formation:

LKC E-F

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Unit No: Mike Roberts

81

2883.00 ft (KB)

Reference Elevations:

2878.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval:

4036.00 ft (KB) To 4074.00 ft (KB) (TVD)

Total Depth:

4074.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 8647

Press@RunDepth:

26.84 psig @

4037.00 ft (KB) End Date:

2018.05.07

Capacity: Last Calib .:

8000.00 psig 2018.05.07

Start Date: Start Time:

2018.05.06 21:51:15

Inside

End Time:

03:10:00

Time On Btm:

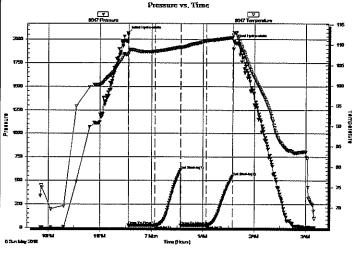
2018.05.06 @ 23:32:15

Time Off Btm:

2018.05.07 @ 01:36:15

TEST COMMENT: IF:Built to 1" blow

IS:No return blow FF:No blow FS:No return blow



		P	RESSUF	RE SUMMARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2068.02	107.60	Initial Hydro-static
	1	22.06	108.00	Open To Flow (1)
	32	24.35	108.37	Shut-In(1)
	62	611.93	109.43	End Shut-In(1)
700	62	25.42	109.20	Open To Flow (2)
Tempereture	92	26.84	110.94	Shut-In(2)
Ĭ.	123	548.13	111.81	End Shut-In(2)
	124	1979.65	113.01	Final Hydro-static
	i			

Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100% m	0.01
* Recovery from n	nultiple tests	

Gas	Rates	

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 64590



Palomino Petroleum Inc.

18-14s-30w Gove,KS

4824 SE. 84th.St. Newton KS 67114

Job Ticket: 64590

Alta #1

DST#: 2

ATTN: Ryan Seib

Test Start: 2018.05.06 @ 21:51:15

GENERAL INFORMATION:

Time Tool Opened: 23:33:15

Time Test Ended: 03:10:00

Formation:

LKC E-F

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

81

Reference Elevations:

2883.00 ft (KB)

2878.00 ft (CF)

Interval:

4036.00 ft (KB) To 4074.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4074.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8374

Press@RunDepth:

psig @

Outside

4037.00 ft (KB)

2018.05.07

Capacity: Last Calib.: 8000.00 psig

Start Date:

2018.05.06

End Date:

Time On Btm:

2018.05.07

Start Time:

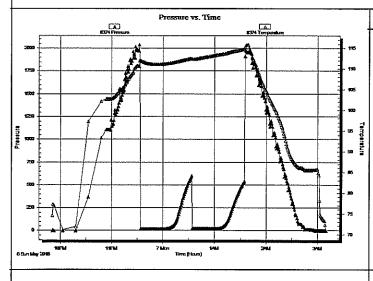
21:51:15

End Time:

03:10:00

Time Off Btm:

TEST COMMENT: IF:Built to 1" blow IS:No return blow FF:No blow FS:No return blow



PRESSURE SUMMARY Time Pressure Annotation Temp (Min.) (psig) (deg F)

Recovery Length (ft) Description Volume (bbl) mud 100% m 3.00 0.01 Recovery from multiple tests

Gas Rates						
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)				

Trilobite Testing, Inc

Ref. No: 64590



TOOL DIAGRAM

Palomino Petroleum Inc.

4824 SE 84th.St. New ton KS 67114 18-14s-30w Gove, KS

Alta #1

Job Ticket: 64590

DST#: 2

ATTN: Ryan Seib Test Start: 2018.05.06 @ 21:51:15

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length:

Length: 3908.00 ft Diameter: 0.00 ft Diameter: 117.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

54.82 bbl 0.00 bbl 0.58 bbl 55.40 bbl Tool Weight: 1500.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 73000.00 lb

Tool Chased 0.00 ft

String Weight: Initial 50000.00 lb Final 50000.00 lb

Drill Pipe Above KB:

17.00 ft Depth to Top Packer: 4036.00 ft ft

Depth to Bottom Packer: Interval between Packers:

38.00 ft 66.00 ft Tool Length:

Number of Packers:

2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4009.00		
Shut In Tool	5.00			4014.00		
Hydraulic tool	5.00			4019.00		
Jars	5.00			4024.00		
Safety Joint	3.00			4027.00		
Packer	5.00			4032.00	28.00	Bottom Of Top Packer
Packer	4.00			4036.00		
Stubb	1.00			4037.00		
Recorder	0.00	8647	Inside	4037.00		
Recorder	0.00	8374	Outside	4037.00		
Perforations	32.00			4069.00		
Bullnose	5.00			4074.00	38.00	Bottom Packers & Anchor
Total Tool Lengt	h: 66.00					

Trilobite Testing, Inc

Ref. No: 64590



FLUID SUMMARY

Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE 84th.St. New ton KS 67114 Alta #1

Job Ticket: 64590

DST#: 2

ATTN: Ryan Seib

Test Start: 2018.05.06 @ 21:51:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt Water Loss: 6.35 in³ Resistivity: 0.00 ohm.m

Salinity: 5500.00 ppm Filter Cake: 1.00 inches Cushion Type:

Cushion Length: Cushion Volume:

ft bbl Oil API:

0 deg API 0 ppm

Water Salinity:

Gas Cushion Type:

Gas Cushion Pressure:

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100% m	0.015

Total Length:

3.00 ft

Total Volume:

0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Serial #:

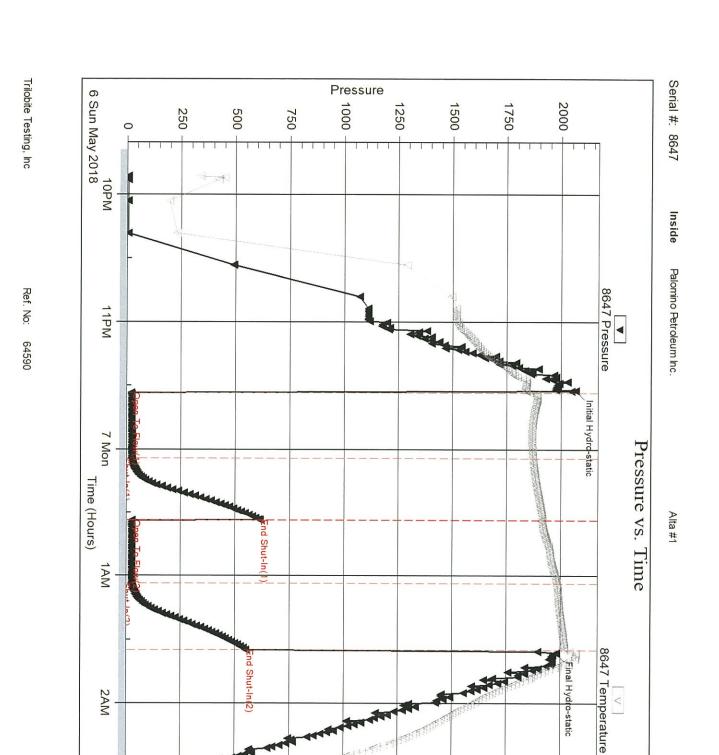
Laboratory Name:

Recovery Comments:

Laboratory Location:

Trilobite Testing, Inc

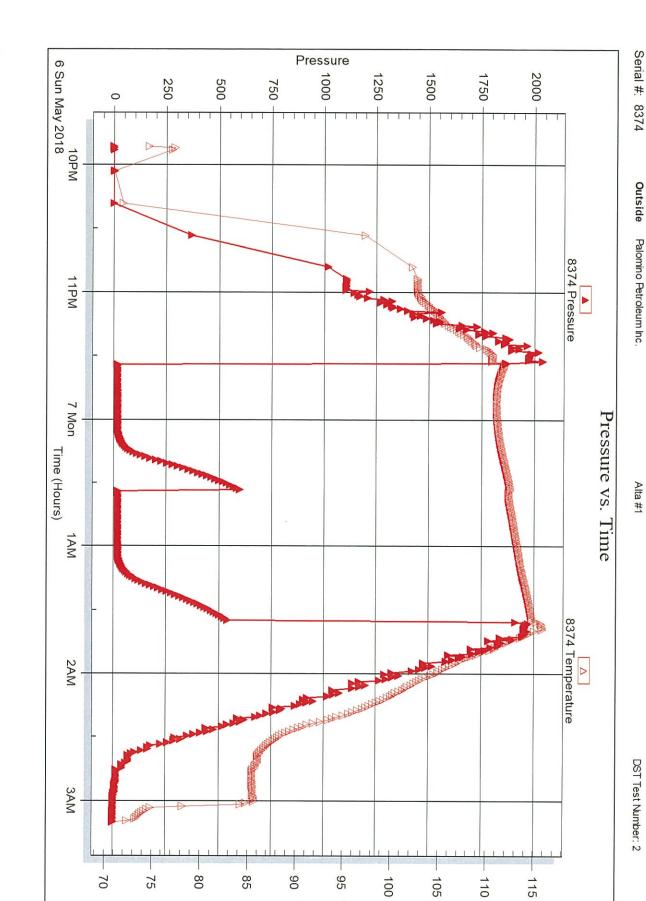
Ref. No: 64590



DST Test Number: 2

3AM

Temperature



Temperature

Trilobite Testing, Inc



Prepared For: Palomino Petroleum Inc.

4824 SE. 84th.St. Newton KS 67114

ATTN: Ryan Seib

Alta #1

18-14s-30w Gove,KS

Start Date: 2018.05.07 @ 16:25:15 End Date: 2018.05.07 @ 21:59:00 Job Ticket #: 63591 DST #: 3

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE, 84th,St, New ton KS 67114

Job Ticket: 63591

Alta #1

DST#: 3

ATTN: Ryan Seib

Test Start: 2018.05.07 @ 16:25:15

GENERAL INFORMATION:

Time Tool Opened: 18:09:00

Time Test Ended: 21:59:00

Formation:

LKC H-1

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

81

2883.00 ft (KB)

Reference Elevations:

2878.00 ft (CF)

KB to GR/CF:

5.00 ft

interval: Total Depth:

Start Date:

Start Time:

Hole Diameter:

4116.00 ft (KB) To 4187.00 ft (KB) (TVD)

4187.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8647

inside

Press@RunDepth:

147.04 psig @

16:25:15

2018.05.07

4153.00 ft (KB) End Date: End Time:

2018.05.07 21:59:00 Capacity:

8000.00 psig

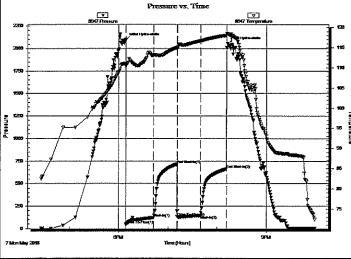
Last Calib .: Time On Btm:

2018.05.07 2018.05.07 @ 18:08:45

Time Off Btm:

2018.05.07 @ 20:12:30

TEST COMMENT: IF:Built to 14" blow IS:No return blow FF:Built to 12" blow FS:No return blow



PRESSURE SUMMARY

FRESSURE SUMMART					
Ī	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	2097.91	111.01	Initial Hydro-static	
	1	48.95	110.29	Open To Flow (1)	
	34	123.41	113.15	Shut-In(1)	
	62	714.05	114.98	End Shut-In(1)	
707	63	132.33	114.89	Open To Flow (2)	
Temperature	91	147.04	116.63	Shut-In(2)	
•	123	660.98	118.00	End Shut-In(2)	
	124	2053.94	118.36	Final Hydro-static	

Recovery

Length (ft)	Description	Volume (bbl)
117.00	ocm 5%o 95%m (collars)	0.58
103.00	ocm 10%o 90%m	1.44
10.00	free oil 100%o	0.14
* Recovery from r	nultiple tests	

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 63591



Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE. 84th.St. New ton KS 67114

Job Ticket: 63591

Alta #1

DST#: 3

ATTN: Ryan Seib

Test Start: 2018.05.07 @ 16:25:15

GENERAL INFORMATION:

Time Tool Opened: 18:09:00

Time Test Ended: 21:59:00

Formation:

LKC H-I

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

81

2883.00 ft (KB)

4116.00 ft (KB) To 4187.00 ft (KB) (TVD)

4187.00 ft (KB) (TVD)

Reference Elevations:

2878.00 ft (CF)

Total Depth: Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8374 Press@RunDepth: Outside

psig @

4153.00 ft (KB)

2018.05.07 Last Calib.:

Capacity:

8000.00 psig

Start Date: Start Time:

2018.05.07

End Date:

21:59:00

Time On Btm:

2018.05.07

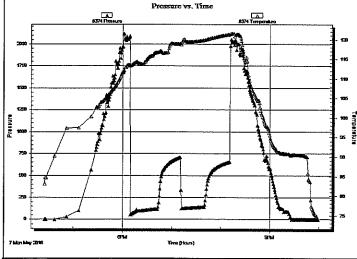
16:25:15

End Time:

Time Off Btm:

TEST COMMENT: IF:Built to 14" blow

IS:No return blow FF:Built to 12" blow FS:No return blow



PI	RESSUF	RE SUMMARY
		1

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
-1				
ms fature				

Recovery

Length (ft)	Description	Volume (bbl)
117.00	ocm 5%o 95%m (collars)	0.58
103.00	ocm 10%o 90%m	1.44
10.00	free oil 100%o	0.14
* Recovery from m	ruitiple tests	•

Gas Rates

Choke (inches)	Pressure	(psig)	Gas Rate (Mcf/d)
······································			

Trilobite Testing, Inc

Ref. No: 63591



TOOL DIAGRAM

Palomino Petroleum Inc.

4824 SE. 84th.St. New ton KS 67114 18-14s-30w Gove, KS

Alta #1

Job Ticket: 63591

DST#: 3

ATTN: Ryan Seib

Test Start: 2018.05.07 @ 16:25:15

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length:

Length: 4003.00 ft Diameter: 117.00 ft Diameter:

32.00 ft

0.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

56.15 bbl 0.00 bbl 0.58 bbl 56.73 bbl Tool Weight: 1500.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 70000.00 lb Tool Chased

String Weight: Initial 48000.00 lb

Final 50000.00 lb

Drill Pipe Above KB:

Depth to Top Packer: 4116.00 ft

Depth to Bottom Packer: Interval between Packers: Tool Length:

71.00 ft 99.00 ft Number of Packers:

2 Diameter:

fţ

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4089.00		
Shut In Tool	5.00			4094.00		
Hydraulic tool	5.00			4099.00		
Jars	5.00			4104.00		
Safety Joint	3.00			4107.00		
Packer	5.00			4112.00	28.00	Bottom Of Top Packer
Packer	4.00			4116.00		
Stubb	1.00			4117.00		
Perforations	3.00			4120.00		
Change Over Sub	1.00			4121.00		
Drill Pipe	31.00			4152.00		
Change Over Sub	1.00			4153.00		
Recorder	0.00	8647	Inside	4153.00		
Recorder	0.00	8374	Outside	4153.00		
Perforations	29.00			4182.00		
Bullnose	5.00			4187.00	71.00	Bottom Packers & Anchor
Total Tool Length	: 99.00					



FLUID SUMMARY

Palomino Petroleum Inc.

18-14s-30w Gove,KS

4824 SE 84th.St. New ton KS 67114 Alta #1 Job Ticket: 63591

ft

bbl

DST#: 3

ATTN: Ryan Seib

Test Start: 2018.05.07 @ 16:25:15

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

52.00 sec/qt

Mud Weight: Viscosity: Water Loss:

6.36 in³

Resistivity: Salinity: Filter Cake:

0.00 ohm.m 4900.00 ppm 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure: psig Oil API: Water Salinity: 37 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
117.00	ocm 5%o 95%m (collars)	0.575
103.00	ocm 10%o 90%m	1.445
10.00	free oil 100%o	0.140

Total Length:

230.00 ft

Total Volume:

2.160 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

Laboratory Location: Recovery Comments: API= 39@80 corrected to 37@ 60

Trilobite Testing, Inc Ref. No: 63591 Printed: 2018.05.11 @ 11:40:15

Serial #: 8647

Inside

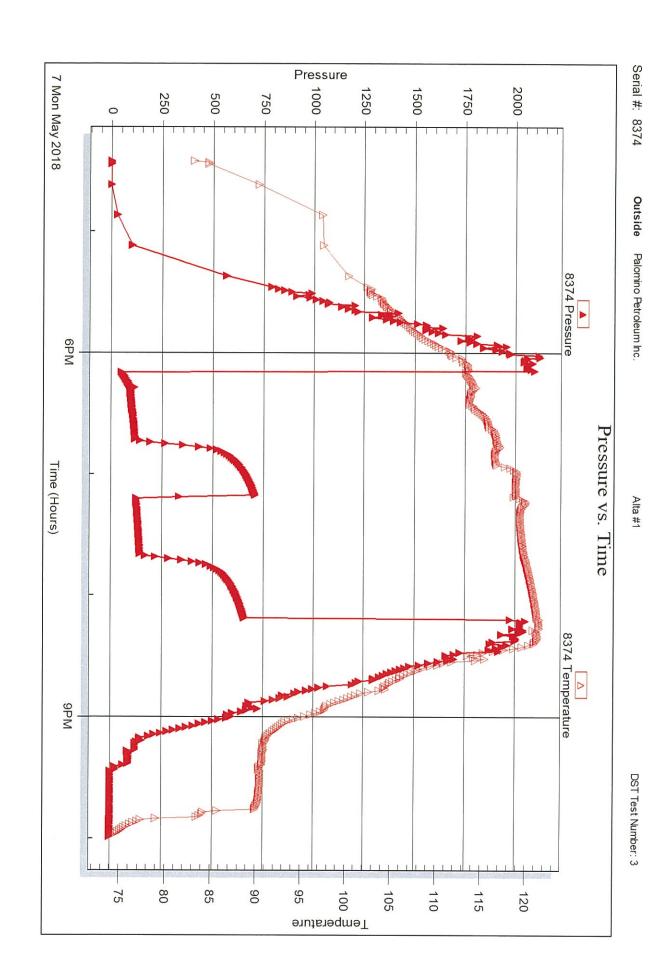
Palomino Petroleum Inc.

Alta #1

DST Test Number: 3

Trilobite Testing, Inc

Ref. No: 63591



Trilobite Testing, Inc

Ref. No: 63591



Prepared For: Palomino Petroleum Inc.

4824 SE. 84th.St. Newton KS 67114

ATTN: Ryan Seib

Alta #1

18-14s-30w Gove,KS

Start Date: 2018.05.08 @ 12:02:15
End Date: 2018.05.08 @ 17:40:30
Job Ticket #: 63592 DST #: 4

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum Inc.

18-14s-30w Gove, KS

Alta #1

4824 SE 84th.St. New ton KS 67114

Job Ticket: 63592

DST#: 4

ATTN: Ryan Seib

Test Start: 2018.05.08 @ 12:02:15

GENERAL INFORMATION:

Time Tool Opened: 13:50:30

Time Test Ended: 17:40:30

Formation:

LKC J-L

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

81

Reference Elevations:

2883.00 ft (KB)

2878.00 ft (CF)

KB to GR/CF:

5.00 ft

interval:

Start Date:

Start Time:

4185.00 ft (KB) To 4300.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4300.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8647

Inside

Press@RunDepth:

157.01 psig @

2018.05.08 12:02:15 4285.00 ft (KB) End Date: End Time:

2018.05.08

17:40:30

Capacity:

8000.00 psig

Last Calib.: Time On Btm:

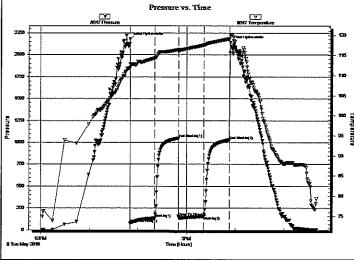
2018.05.08 2018.05.08 @ 13:50:15

Time Off Btm:

2018.05.08 @ 15:54:00

TEST COMMENT: IF:Built to 5 1/2" blow

IS:No return blow FF:Built to 4 1/2" blow FS:No return blow



PRESSURE SUMMARY					
-	Time	Pressure	Temp	Annotation	
	(Min.)	(psig)	(deg F)		
	0	2176.88	112,72	Initial Hydro-static	
	1	76.87	111.97	Open To Flow (1)	
	31	133.66	114.30	Shut-ln(1)	
	60	1049.88	116.40	End Shut-In(1)	
5	60	154. 9 6	115.84	Open To Flow (2)	
	91	157,01	117.52	Shut-in(2)	
2	123	1030.34	119.09	End Shut-In(2)	
	124	2138.43	120.04	Final Hydro-static	

Recovery

Length (ft)	Description	Volume (bbl)	
180.00	ocm 2%o 98%m	1.46	
5.00	30.00 ocm 2%o 98%m	0.07	
11011111111			
Recovery from r	nultiple tests		

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63592



Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE 84th.St. New ton KS 67114

Job Ticket: 63592

Alta #1

DST#:4

ATTN: Ryan Seib

Test Start: 2018.05.08 @ 12:02:15

GENERAL INFORMATION:

Time Tool Opened: 13:50:30

Time Test Ended: 17:40:30

Formation:

LKC J-L

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

81

Reference Elevations:

2883.00 ft (KB)

2878.00 ft (CF)

Interval: Total Depth:

Hole Diameter:

4185.00 ft (KB) To 4300.00 ft (KB) (TVD)

4300.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8374

Press@RunDepth:

Outside

psig @

4285.00 ft (KB) End Date:

2018.05.08

Capacity: Last Calib.: 8000.00 psig

Start Date:

2018.05.08

Time On Btm:

2018.05.08

Start Time:

12:02:15

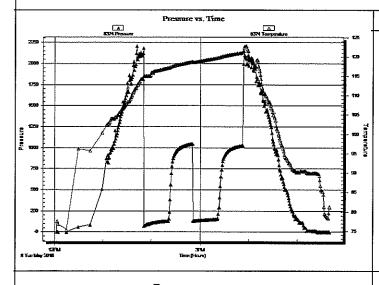
End Time:

17:40:45

Time Off Btm:

TEST COMMENT: IF:Built to 5 1/2" blow

IS:No return blow FF:Built to 4 1/2" blow FS:No return blow



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
	. •	, , ,	

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
180.00	ocm 2%o 98%m	1.46
5.00	free oil 100% o	0.07

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 63592



TOOL DIAGRAM

Palomino Petroleum Inc.

4824 SE 84th.St. New ton KS 67114 18-14s-30w Gove, KS

Alta #1

Job Ticket: 63592

DST#: 4

ATTN: Ryan Seib

Test Start: 2018.05.08 @ 12:02:15

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length: Drill Collar:

Length:

Length: 4066.00 ft Diameter:

4185.00 ft

0.00 ft Diameter: 117.00 ft Diameter: 26.00 ft

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume: 57.04 bbl 0.00 bbl 0.58 bbl Tool Weight: 1500.00 lb Weight set on Packer: 20000.00 lb Weight to Pull Loose: 74000.00 lb Tool Chased

Total Volume: 57.62 bbl

String Weight: Initial 51000.00 lb

Final 52000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

Depth to Bottom Packer:

Interval between Packers: 115.00 ft

Tool Length: Number of Packers: 143.00 ft 2 Diameter:

ft

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4158.00		
Shut In Tool	5.00			4163.00		
Hydraulic tool	5.00			4168.00		
Jars	5.00			4173.00		
Safety Joint	3.00			4176.00		
Packer	5.00			4181.00	28.00	Bottom Of Top Packer
Packer	4.00			4185.00		
Stubb	1.00			4186.00		
Perforations	2.00			4188.00		
Change Over Sub	1.00			4189.00		
Drill Pipe	95.00			4284.00		
Change Over Sub	1.00			4285.00		
Recorder	0.00	8647	Inside	4285.00		
Recorder	0.00	8374	Outside	4285.00		
Perforations	10.00			4295.00		
Bulinose	5.00			4300.00	115.00	Bottom Packers & Anchor
Total Tool Length	143.00					



FLUID SUMMARY

Palomino Petroleum Inc.

18-14s-30w Gove,KS

4824 SE 84th.St. New ton KS 67114

Job Ticket: 63592

Alta #1

DST#:4

ATTN: Ryan Seib

Test Start: 2018.05.08 @ 12:02:15

Oil API:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Length:

ft

37 deg API

Mud Weight: Viscosity:

52.00 sec/qt

Cushion Volume:

Cushion Type:

ft Water Salinity:

0 ppm

Water Loss: Resistivity: 6.37 in³ 0.00 ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity: Filter Cake: 4500.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	ocm 2%o 98%m	1.459
5.00	free oil 100% o	0.070

Total Length:

185.00 ft

Total Volume:

1.529 bbl

Num Fluid Samples: 0

Num Gas Bombs: (

Serial#:

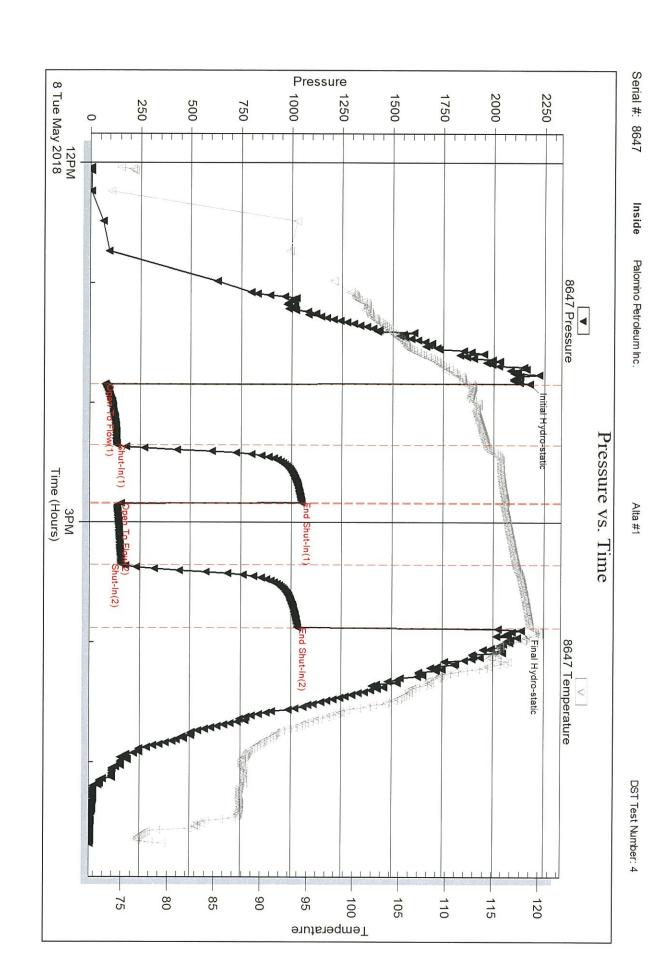
Laboratory Name:

Laboratory Location:

Recovery Comments: API- 37

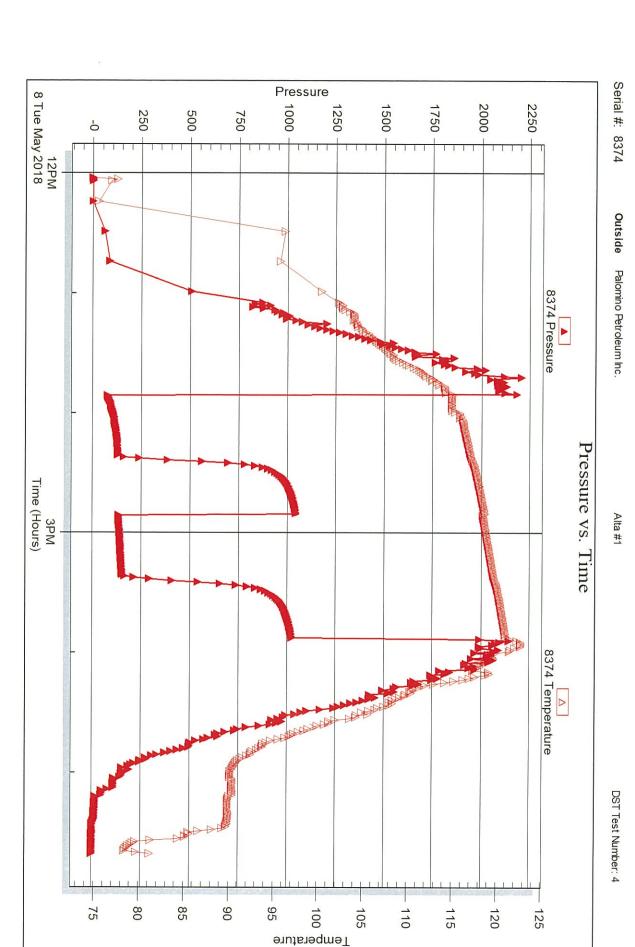
Trilobite Testing, Inc

Ref. No: 63592



Trilobite Testing, Inc

Ref. No: 63592



Trilobite Testing, Inc

Ref. No: 63592



Prepared For: Palomino Petroleum Inc.

> 4824 SE. 84th.St. Newton KS 67114

ATTN: Ryan Seib

Alta #1

18-14s-30w Gove,KS

Start Date: 2018.05.09 @ 18:57:03 End Date: 2018.05.10 @ 00:51:03 Job Ticket #: 63634 DST#: 5

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum Inc.

4824 SE 84th.St. New ton KS 67114

ATTN: Ryan Seib

18-14s-30w Gove, KS

Alta #1

Job Ticket: 63634

DST#: 5

Test Start: 2018.05.09 @ 18:57:03

GENERAL INFORMATION:

Time Tool Opened: 20:45:03

Time Test Ended: 00:51:03

Formation:

Johnson

Deviated:

interval:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

2883.00 ft (KB)

Reference Elevations:

2878.00 ft (CF)

4562.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

7.88 inches Hole Condition: Fair

4464.00 ft (KB) To 4562.00 ft (KB) (TVD)

KB to GR/CF:

5.00 ft

Serial #: 8166

Press@RunDepth:

Outside

35.39 psig @ 2018.05.09

4465.00 ft (KB) End Date:

2018.05.10

Capacity: Last Calib .: 8000.00 psig

Start Date: Start Time:

18:57:08

End Time:

00:51:02

Time On Btm;

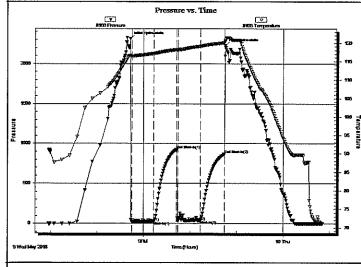
2018.05.10 2018.05.09 @ 20:43:03

Time Off Btm:

2018.05.09 @ 22:45:33

TEST COMMENT: IF: 1/4" blow died in 15 min.

IS: No return. FF: No blow . FS: No return.



PRESSURE SUMMARY							
Ì	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	2311.91	116.58	Initial Hydro-static			
	2	20.06	116.39	Open To Flow (1)			
	31	27.19	117.08	Shut-ln(1)			
	60	925.41	118.14	End Shut-In(1)			
1	62	30.56	118.06	Open To Flow (2)			
Temperatur	90	35.39	119.06	Shut-In(2)			
•	122	871.55	120.05	End Shut-in(2)			
	123	2227.54	120.61	Final Hydro-static			
İ							

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02
* Recovery from r	nultiple tests	

Gas Rat	es	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 63634



Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE. 84th.St. New ton KS 67114

Job Ticket: 63634

Alta #1

DST#: 5

ATTN: Ryan Seib

Test Start: 2018.05.09 @ 18:57:03

GENERAL INFORMATION:

Time Tool Opened: 20:45:03

Time Test Ended: 00:51:03

Formation:

Johnson

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

Reference Elevations:

2883.00 ft (KB)

2878.00 ft (CF)

Interval:

4464.00 ft (KB) To 4562.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4562.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 6651 Press@RunDepth: Inside

psig @

4465.00 ft (KB) End Date:

2018.05.10

Capacity: Last Calib.: 8000.00 psig

Start Date:

2018.05.09

End Time:

00:51:51

Time On Btm:

2018.05.10

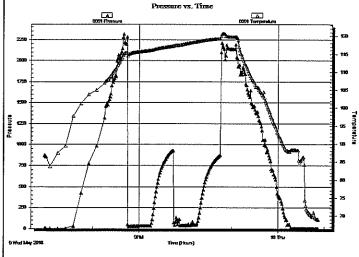
Start Time:

18:57:57

Time Off Btm:

TEST COMMENT: IF: 1/4" blow died in 15 min.

IS: No return. FF: No blow. FS: No return.



PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F)

Recovery

Length (ft)	Description	Volume (bbi)
5.00	mud 100%m	0.02
* Recovery from r	nultiple tests	

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 63634



TOOL DIAGRAM

Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE. 84th.St. Newton KS 67114

Alta #1 Job Ticket: 63634

DST#: 5

ATTN: Ryan Seib

Test Start: 2018.05.09 @ 18:57:03

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length:

Length: 4350.00 ft Diameter:

0.00 ft Diameter: 117.00 ft Diameter: 3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

61.02 bbl 0.00 bbl 0.58 bbl

61.60 bbl

Tool Weight: 1500.00 lb Weight set on Packer: 30000.00 lb Weight to Pull Loose: 65000.00 lb Tool Chased String Weight: Initial 54000.00 lb

Final 54000.00 lb

Drill Pipe Above KB: 30.00 ft Depth to Top Packer: 4464.00 ft Depth to Bottom Packer: ft

Interval between Packers: 98.00 ft

Tool Length: 125.00 ft Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4438.00		
Shut In Tool	5.00			4443.00		
Hydraulic tool	5.00			4448.00		
Jars	5.00			4453.00		
Safety Joint	2.00			4455.00		
Packer	5.00			4460.00	27.00	Bottom Of Top Packer
Packer	4.00			4464.00		
Stubb	1.00			4465.00		
Recorder	0.00	6651	Inside	4465.00		
Recorder	0.00	8166	Outside	4465.00		
Perforations	26.00			4491.00		
Change Over Sub	1.00			4492.00		
Drill Pipe	64.00			4556.00		
Change Over Sub	1.00			4557.00		
Bullnose	5.00			4562.00	98.00	Bottom Packers & Anchor

Total Tool Length: 125.00

Trilobite Testing, Inc Ref. No: 63634 Printed: 2018.05.11 @ 11:39:28



FLUID SUMMARY

0 deg API

0 ppm

Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE. 84th.St. New ton KS 67114

Job Ticket: 63634

Alta #1

DST#: 5

ATTN: Ryan Seib

Test Start: 2018.05.09 @ 18:57:03

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

52.00 sec/qt

Water Loss: 6.79 in³
Resistivity: 0.00 ohm.m
Salinity: 2400.00 ppm

Salinity: Filter Cake:

Mud Weight:

Viscosity:

1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

bbl

fŧ

psig

Recovery Information

Recovery Table

Length Description Volume bbl
5.00 mud 100%m 0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

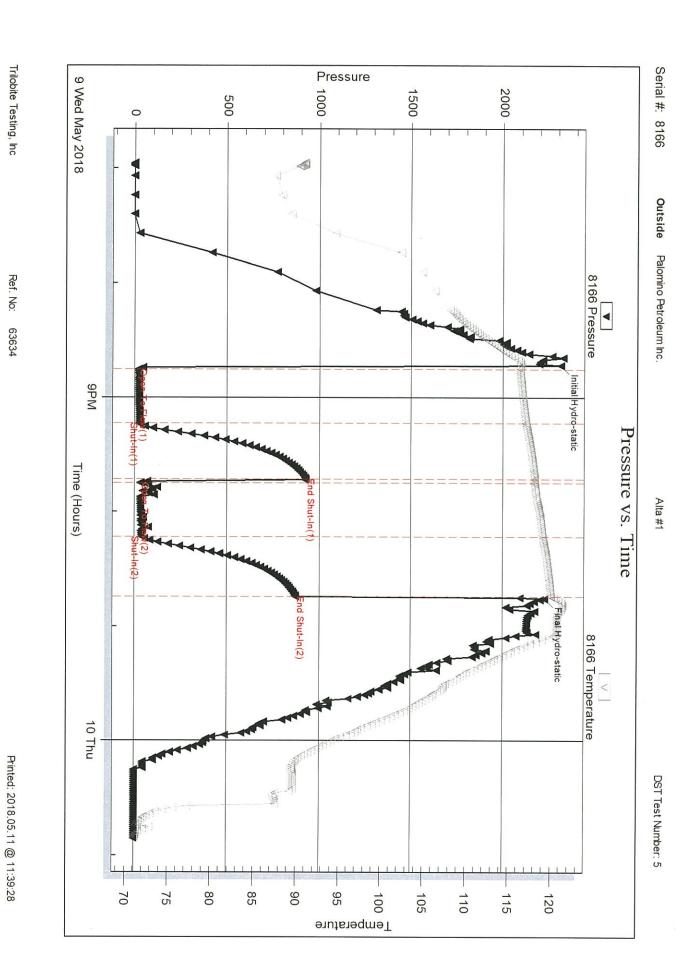
Num Gas Bombs: 0 Laboratory Location: Serial#:

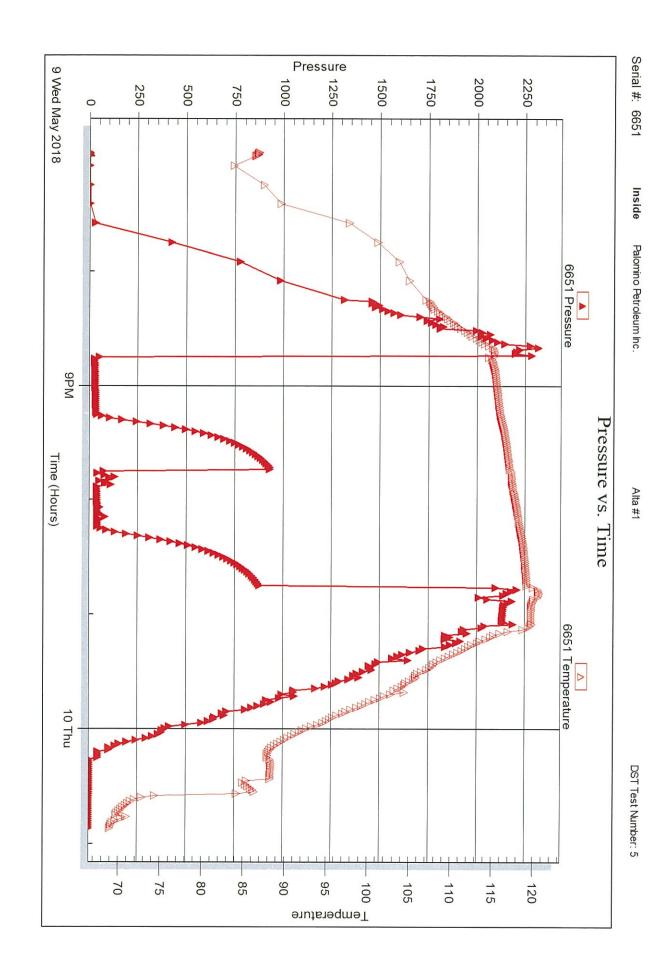
Laboratory Name:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 63634





Trilobite Testing, Inc

Ref. No: 63634



Prepared For: Palomino Petroleum Inc.

4824 SE. 84th.St. Newton KS 67114

ATTN: Ryan Seib

Alta #1

18-14s-30w Gove,KS

Start Date: 2018.05.10 @ 23:13:11 End Date: 2018.05.11 @ 07:19:41 Job Ticket #: 63635 DST #: 6

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum Inc.

18-14s-30w Gove,KS

4824 SE 84th.St. New ton KS 67114

Job Ticket: 63635

Alta #1

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.05.10 @ 23:13:11

GENERAL INFORMATION:

Time Tool Opened: 01:45:41

Time Test Ended: 07:19:41

Formation:

Pawnee

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type:

Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

Reference Elevations:

2883.00 ft (KB)

2878.00 ft (CF)

Total Depth: Hole Diameter: 4707.00 ft (KB) (TVD)

KB to GR/CF:

5.00 ft

7.88 inches Hole Condition: Fair

4405.00 ft (KB) To 4435.00 ft (KB) (TVD)

Serial #: 6651 Press@RunDepth: Inside

338.12 psig @

4406.00 ft (KB) End Date:

2018.05.11

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

2018.05.10 23:13:16

End Time:

07:19:40

Time On Btm:

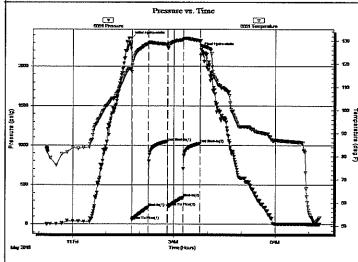
2018.05.11 2018.05.11 @ 01:45:11

Time Off Btm:

2018.05.11 @ 03:48:11

TEST COMMENT: IF: BOB in 3 min. 153"

IS: BOB in 17 min. 14" FF: BOB in 3 min. 58" FS: BOB in 9 min. 20"



PRESSURE SUMMARY

	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	2354.36	117.80	Initial Hydro-static			
	1	53.91	116.56	Open To Flow (1)			
	30	216.02	128.84	Shut-In(1)			
	64	1044.23	128.49	End Shut-In(1)			
Tamazanızı	65	224.50	126.94	Open To Flow (2)			
	91	338.12	130.48	Shut-In(2)			
	121	1021.10	130.06	End Shut-In(2)			
9	123	2216.19	127.96	Final Hydro-static			
				-			

Recovery

Length (ft)	Description	Volume (bbl)
189.00	gocw m 10%g 10%o 5%w 75%m	1.59
504.00	go 30%g 70%o	7.07
472.00	go 50%g 50%o	6.62
0.00	2174 GIP	0.00
* Recovery from n	witing tests	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63635



Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE 84th.St. New ton KS 67114

Alta #1 Job Ticket: 63635

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.05.10 @ 23:13:11

GENERAL INFORMATION:

Time Tool Opened: 01:45:41

Time Test Ended: 07:19:41

Formation:

Pawnee

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

2883.00 ft (KB)

Reference Elevations:

2878.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth:

Hole Diameter:

4405.00 ft (KB) To 4435.00 ft (KB) (TVD)

4707.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8166 Press@RunDepth: Outside

psig @

4406.00 ft (KB) End Date:

2018.05.11

Capacity: Last Calib.: 8000.00 psig

2018.05.11

Start Date: Start Time:

2018.05.10 23:14:01

End Time:

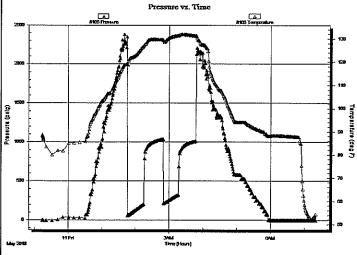
07:20:25

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB in 3 min, 153"

IS: BOB in 17 min. 14" FF: BOB in 3 min. 58" FS: BOB in 9 min. 20"



	PRESSURE SUMMARY						
	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
3							
Tamparatura (dag F)							
ë.							
3							
- 1							

Recovery

Length (ft)	Description	Volume (bbl)
189.00	gocw m 10%g 10%o 5%w 75%m	1.59
504.00	go 30%g 70%o	7.07
472.00	go 50%g 50%o	6.62
0.00	2174 GIP	0.00
* Recovery from r	nultiple tests	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63635



Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE 84th.St. New ton KS 67114

Job Ticket: 63635

Alta #1

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.05.10 @ 23:13:11

GENERAL INFORMATION:

Time Tool Opened: 01:45:41

Time Test Ended: 07:19:41

Formation:

Pawnee

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

2883.00 ft (KB)

Reference Elevations:

2878.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth: 4405.00 ft (KB) To 4435.00 ft (KB) (TVD)

4707.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 8650

Below (Straddle)

Press@RunDepth:

psig @ 2018.05.10

4720.00 ft (KB) End Date:

2018.05.11

Capacity: Last Calib .: 8000.00 psig

2018.05.11

Start Date: Start Time:

23:13:13

End Time:

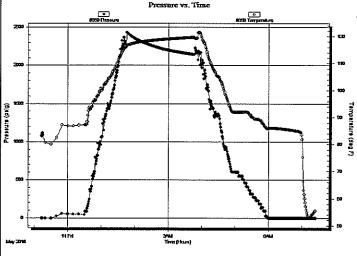
07:24:07

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: BOB in 3 min. 153"

IS: BOB in 17 min. 14" FF: BOB in 3 min. 58" FS: BOB in 9 min. 20"



_				
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
ı				
Ì				

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
189.00	gocw m 10%g 10%o 5%w 75%m	1.59
504.00	go 30%g 70%o	7.07
472.00	go 50%g 50%o	6.62
0.00	2174 GIP	0.00

Gas	Rates
-----	-------

Choke (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc

Ref. No: 63635



TOOL DIAGRAM

Palomino Petroleum Inc.

18-14s-30w Gove, KS

4824 SE. 84th.St. New ton KS 67114 Alta #1 Job Ticket: 63635

DST#:6

ATTN: Ryan Seib

Test Start: 2018.05.10 @ 23:13:11

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Pipe Above KB:

Depth to Top Packer:

Length: 4296.00 ft Diameter: Length:

0.00 ft Diameter: 117.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

60.26 bbl 0.00 bbl 0.58 bbl 60.84 bbl Tool Weight: 1500,00 lb Weight set on Packer: 30000.00 lb Weight to Pull Loose: 70000.00 lb Tool Chased 0.00 ft

30.00 ft 4405.00 ft Depth to Bottom Packer:

fţ Interval between Packers: 321.00 ft String Weight: Initial 62000.00 lb Final 66000.00 lb

Tool Length: Number of Packers: 343.00 ft 2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4384.00		
Shut In Tool	5.00			4389.00		
Hydraulic tool	5.00			4394.00		
Safety Joint	2.00			4396.00		
Packer	5.00			4401.00	22.00	Bottom Of Top Packer
Packer	4.00			4405.00		
Stubb	1.00			4406.00		
Recorder	0.00	6651	Inside	4406.00		
Recorder	0.00	8166	Outside	4406.00		
Perforations	24.00			4430.00		
Blank Off Sub	1.00			4431.00		
Packer - Shale	4.00			4435.00		
Stubb	1.00			4436.00		
Perforations	11.00			4447.00		
Change Over Sub	1.00			4448.00		
Drill Pipe	272.00			4720.00		
Recorder	0.00	8650	Below	4720.00		
Change Over Sub	1.00			4721.00		
Bullnose	5.00			4726.00	321.00	Bottom Packers & Anchor

Total Tool Length:

343.00

Trilobite Testing, Inc.

Ref. No: 63635



FLUID SUMMARY

Palomino Petroleum Inc.

18-14s-30w Gove,KS

4824 SE. 84th.St. New ton KS 67114

Alta #1

Job Ticket: 63635

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.05.10 @ 23:13:11

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushìon Type: Cushion Length; Oil API:

36 deg API

Mud Weight: Viscosity:

61.00 sec/qt

Cushion Volume:

Water Salinity:

0 ppm

Water Loss: Resistivity: 7.19 in³ 0.00 ohm.m

Gas Cushion Type:

Gas Cushion Pressure:

psig

ft

bbl

Salinity: Filter Cake: 3200.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
189.00	gocw m 10%g 10%o 5%w 75%m	1.585
504.00	go 30%g 70%o	7.070
472.00	go 50%g 50%o	6.621
0.00	2174 GIP	0.000

Total Length:

1165.00 ft

Total Volume:

15.276 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

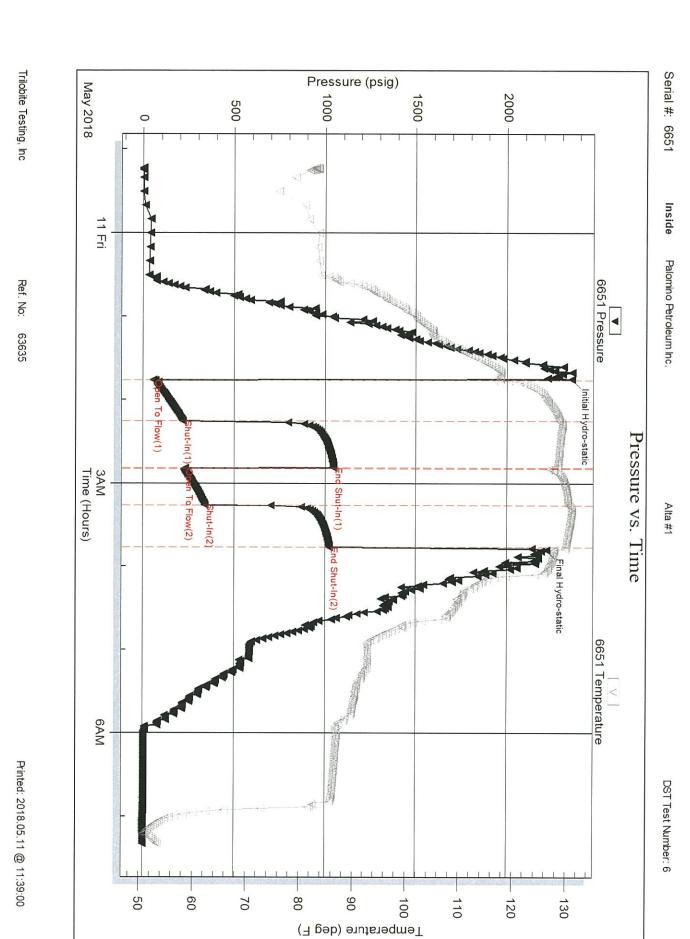
Serial #:

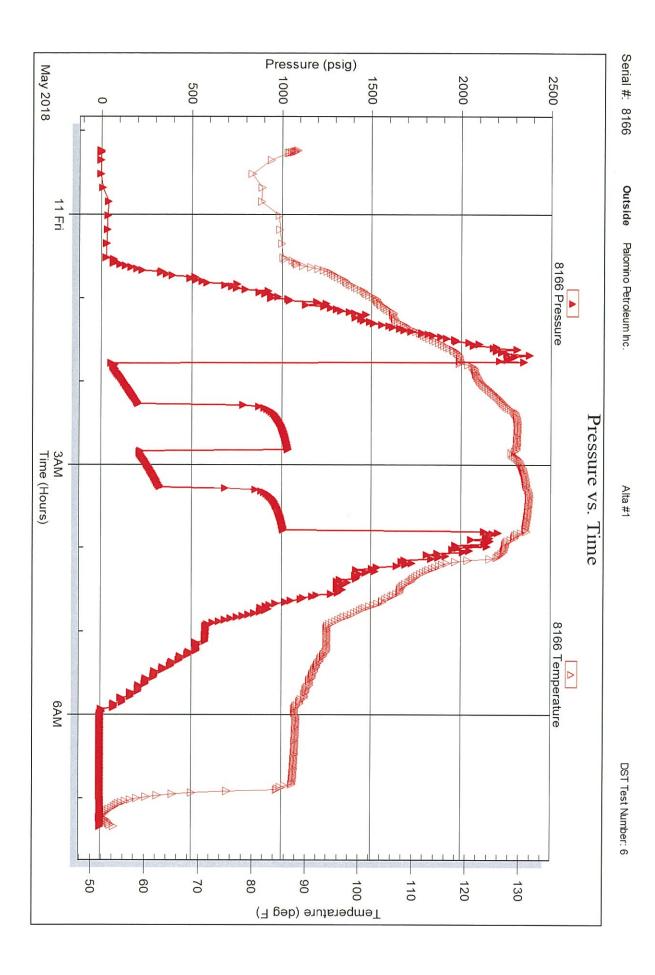
Laboratory Name:

Laboratory Location:

Recovery Comments: 37@50=36

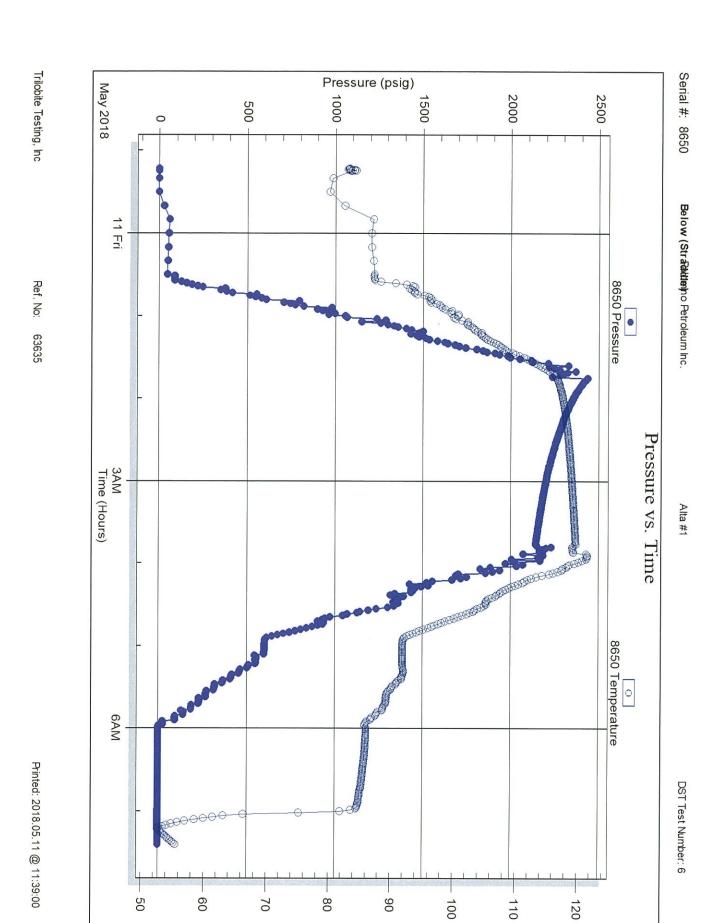
Trilobite Testing, Inc Ref. No: 63635 Printed: 2018.05.11 @ 11:39:00





Trilobite Testing, Inc

Ref. No: 63635



Temperature (deg F)



NO. 63589

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Alta #1		Test No			3
	M Inc.	Elevation 28	383	кв 2878	GL
Address 4824 SE 847451.	·	67114			
Co. Rep/Geo. Ryan Seib		Rig	8		
Location: Sec. 180 Twp 145	Rge. <u>30</u> w	co. (nove		State <u>/< 5</u>	
Interval Tested 3990-4023	Zone Tested (()				
Anchor Length 33	Drill Pipe Run	3871		Mud Wt. 9, 0	
Top Packer Depth 3985	Drill Collars Run _	117		vis <u>67</u>	
Bottom Packer Depth 3990	Wt. Pipe Run(8		WL_6.4	
Total Depth 4023	_ Chlorides 480	O <i>O</i> ppm 9	System	LCM 2	
Blow Description IF: Bu. 14 to	Weak Sur	A	•		
Is: No Retu	rn Blow				******
FF: NO Blow					···
FS:No Retur	n Blow				
Rec Feet of M()		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
RecFeet of		%qas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total BHT2	Gravity A	PI RW@	°F	Chlorides	ppm
(A) Initial Hydrostatic 1967	Test 1150			ocation $04/30$	
(B) First Initial Flow	1 Jars 250		T-Start	ed <i>06:03</i>	
(C) First Final Flow	Safety Joint 75		T-Oper	<u> </u>	
(D) Initial Shut-In	Circ Sub	1	T-Pulle	d <u>10:35</u>	
(E) Second Initial Flow	Hourly Standby		T-Out_		
(F) Second Final Flow3	Mileage 108	2T 108	Comm	ents	
(G) Final Shut-In	☐ Sampler				
(H) Final Hydrostatic	☐ Straddle			land Chala Daylor	
	Shale Packer			ined Shale Packer	
Initial Open3 o	☐ Extra Packer			ned Packer	
Initial Shut-In3 &	Extra Recorder			ra Copies tal0	
Final Flow 30	Day Standby			1583	
Final Shut-In3 >	☐ Accessibility			ST Disc't	
	Sub Total 1583		10	7 1 1	
Approved By	Our f	Representative	1/iko	Koleta	

Trilobite Testing Inc. shall not be fiable 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.



NO. 63590

4/10 'wilesall',					
Well Name & No. Alta # 1	Rge. 3 OLJ Zone Tested E Drill Pipe Run Drill Collars Run Wt. Pipe Run	Rig [][] Co. Grove.	3 <i>83</i> 9 8 	1 11	GL
Blow Description IF' Built to	1" Blow		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Is! No Return	Blow				
FF: NO Blow	NIOCO				
	Blow				·
Rec 3 Feet of MUD	<u>0.000</u>	%gas	%oil	%water /0	%mud
RecFeet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil		%mud
Rec Total 3 BHT //2	_ Gravity	API RW@	°F C		ppm
(A) Initial Hydrostatic 2068	1150 Test 1150	-		tion 21:00	
(B) First Initial Flow 22	Jars 250		T-Started	21:51	
(C) First Final Flow	3 Safety Joint 75		T-Open	23:34	
(D) Initial Shut-In	☐ Circ Sub	NC	T-Pulled _	01:34	
(E) Second Initial Flow25	☐ Hourly Standby		T-Out	03:10	······································
(F) Second Final Flow	Mileage 108		Comment	S	
(G) Final Shut-In 548	☐ Sampler				
(H) Final Hydrostatic	☐ Straddle	_		d Shala Baskas	
	☐ Shale Packer			d Shale Packerd Packer	
Initial Open 30	Extra Packer			Copies	
Initial Shut-In 30	Extra Recorder		Sub Total	_	
Final Flow 3 O	☐ Day Standby		Total1		
Final Shut-In 30	☐ Accessibility			Disc't	
	Sub Total 1583		11/	71/	***************************************
Approved By	Our	Representative	Thirto J	Sept 2	

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 fest is made.



63591 NO.

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Alfa#1		_Test No. <u>3</u>	Date	5-7-	-18_
company Palomino Petroleum	Inc	_ Elevation <u>J88</u>	<u>) 3 </u>	2828	GL
Address 4824 SE 844 St.	Newton KS	67114			
Co. Rep / Geo. Ryan Seib		Rig <i>LU L.J_ E</i>	3		
<i>J</i>	Rge. <u>30ル</u>	co. Gove		_State <u></u>	5
Interval Tested 4116-4187	Zone Tested H	- <u>T</u>			
Anchor Length 7/	Drill Pipe Run 4	'0a3	Mud V	vı. <u>9.2</u>	
Top Packer Depth 4/11	Drill Collars Run	//7	Vls	52	
Bottom Packer Depth 4116	Wt. Pipe Run		WL _	6,4	
Total Depth 4187	Chlorides <u>4900</u>	O ppm S	ystem LCM_	2	
Blow Description TF: Built to 1	1411				
	Plow			**. ·	
FF: Bu, 1+ to 12		***************************************			
FS: Built to	172" Return 1	8/ous			
Rec D Feet of Free O;		%gas / 0 (7) %oil	%water_	%mud
Rec 103 Feet of 66.14		%gas / (O %oil	%water	90 %mud
Rec 117 Feet of OCM		%gas <) %oil	%water '	25 %mud
RecFeet of	· · · · · · · · · · · · · · · · · · ·	%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
Rec Total <u>230</u> BHT <u>//8</u>	1150	PI RW@_	F Chlor	ides	ppm
(A) Initial Hydrostatic 2097	Test 1150		T-On Location		
(B) First Initial Flow 48	Jars 250		T-Started	101	
(C) First Final Flow	G Safety-Joint 75		T-Open		
(D) Initial Shut-in 7/9	Circ Sub	NC	T-Pulled		
(E) Second Initial Flow 132	O Hourly Standby		T-Out		9
(F) Second Final Flow	B Mileage 108 R	T 108	Comments		
(G) Final Shut-In 660	☐ Sampler			· · · · · · · · · · · · · · · · · · ·	
(H) Final Hydrostatic 205.3	☐ Straddle		☐ Ruined St	nale Packer	
S. a	☐ Shale Packer				
Initial Open	☐ Extra Packer				
Initial Shut-In 30	☐ Extra Recorder	***************************************	Sub Total	0	
Final Flow 30	☐ Day Standby	· · · · · · · · · · · · · · · · · · ·	Total 158	3	
Final Shut-In 30	☐ Accessibility		MP/DST Dis	c't	
	Sub Total 1583		11	711	
Approved By	Our R	lepresentative	Y Liko F	chel)	

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



NO. 63592

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Alta#/		Test No. 4		Date <u>5-8-18</u>	,
					GL
Address 4824 5E 844 S	L. Newton KS				
Co. Rep / Geo. Ryan SEIB		Rig WW	8		
Location: Sec. 18 Twp 145	Rge. <u>3040</u> (State <u>K</u> .S	
Interval Tested 4185-4:300	Zone Tested <u>J</u> -			•	
Anchor Length 1/5	Drill Pipe Run			Mud Wt. 9.2	 ,
Top Packer Depth 4180				vis 52	
Bottom Packer Depth 4/85	~_			WL (2.4	
Total Depth 4300	Chlorides 450			LCM 2	
Blow Description IF Built	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100			··
IS: No Ret					-
FF: Built to	4/211 Blow				
FS! No Ref.	urn Blow				
Rec5 Feet of Feet Oil_		%gas /0	O %oil	%water	%mud
Rec /SU Feet of DCM		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%qas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total BHT	Gravity 37 API	RW@	*F	Chlorides	ppm
(A) Initial Hydrostatic 2/7(p	Cost			cation	
(B) First Initial Flow 2(a	250 Jars		T-Started	d	
(C) First Final Flow	Safety Joint 75		T-Open_		
(D) Initial Shut-In 1049	Circ Sub	NC	T-Pulled	1	
(E) Second Initial Flow	Hourly Standby		T-Out		
(F) Second Final Flow	Mileage 108 R	T 108	Comme	nts	
(G) Final Shut-In	Sampler			,	
(H) Final Hydrostatic 2/38	☐ Straddle		— Buln	ed Shale Packer	
	☐ Shale Packer			ed Packer	
Initial Open	☐ Extra Packer			a Copies	
Initial Shut-In 3 0	☐ Extra Recorder		Sub Tota	 nl	
Final Flow 30	☐ Day Standby		Total	1583	
Final Shut-In 36	☐ Accessibility		MP/DS	T Disc't	
	Sub Total 1583		11		
Approved By	Our Re	presentative	Wike T	Koke to	

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.



ESTING INC. 515 Commerce Parkway • Hays, Kansas 67601	NO.	63634
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Well Name & No. A/+9 #/		Test No	5	Date 5-9-1	8
Company Alomino Petroles	um Inc		2883	KB 2878	GL
Address					
Co. Rep/Geo. Ryan Scib		Rig	WW#	8	
Location: Sec	_Rge30 W	Co. 60	ove	State	3
Interval Tested 4464 456	Zone Tested	Johns	son		
Anchor Length98		4350	N	Nud Wt. 9, 3	
Top Packer Depth 4459	Drill Collars Run _	117	v	is 5Z	
Bottom Packer Depth 4464	Wt. Pipe Run		v	VL 6.8	
Total Depth 4562	Chlorides Z	100 p	om System L	см	
Blow Description #F: 14 blo	w died	in	15 mi	nr	
IS! No retur	m.			No. 2 - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
FFI No blow) .				
	irn,				
Rec/6 Feet of Mud		%gas	%oil	%water / 0	0 %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total BHT 120		PI RW	@°F	Chlorides	ppm
(A) Initial Hydrostatic 23//	2 Test1150		T-On Loc	ation $8'$	35
(B) First Initial Flow 20	☑ Jars250		T-Started	18:5	52
(C) First Final Flow 27	Safety Joint 75			20,40	3
(D) Initial Shut-In 925	M Circ Sub //	~		22:43	
(E) Second Initial Flow	☐ Hourly Standby		T-Out	00:51	
(F) Second Final Flow35	Mileage 10 8-	108	Commen	ts	
(G) Final Shut-In 87/	☐ Sampler				
(H) Final Hydrostatic 2227	☐ Straddle				
	☐ Shale Packer		- 110iii	ed Shale Packer	
Initial Open	☐ Extra Packer		- riding	ed Packer	
Initial Shut-In	☐ Extra Recorder		- Lalia	Copies	
Final Flow	☐ Day Standby		-	583	
Final Shut-In	Accessibility			Disc't	
	Sub Total 1583			5,50	
Approved By		Representative_		3	
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property equipment, or its statements or opinion concerning the results of any test, tools	or personnel of the one for whom a to	est is made or for any t	nee cuttared or cuetains	d, directly or indirectly, through	the use of its



No. 63635

Well Name & No	
Company Palomino Petroleum	Elevation <u>2883</u> KB <u>2808</u> GL
Address	
Co. Rep/Geo. Ryan Scib	_Rig WW #8
16 115 201.1	Co. 60ve State K5
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	marce
Anchor Length Drill Pipe Run	4296 Mud Wt. 7-7
Top Packer Depth Drill Collars Run	//7 Vis 6/
Bottom Packer Depth 7435 Wt. Pipe Run	WL 7.2
Total Depth 4707 Chlorides 32	
Blow Description IF' BOB in 3 min, 1-	53 inches &
IS! BOB in 17 min. 14	inches
	nches
FS! BOB in 9 min. 20 inc.	
Rec. 432 Feet of 58	
Rec 504 Feet of 90 30	%gas 70 %oil %water %mu
Rec /89 Feet of 90CWM 10	%gas /0 %oil 5 %water 25 %mur
Rec Feet of	%gas %oil %water %mu
Rec Feet of	%gas %oil %water %mu
	PI RW @ °F Chlorides ppr
(A) Initial Hydrostatic 2354 Test 1150	T-On Location 22:45
(B) First Initial Flow 53	T-Started 23,1/3
(C) First Final Flow 75	T-Open
(D) Initlal Shut-In 1044 Circ Sub N	7-Pulled 3:45
(E) Second Initial Flow 224 D Hourly Standby	T-Out 7.20
(F) Second Final Flow 338 Mileage 108	108 Comments
(G) Final Shut-In D Sampler	
(H) Final Hydrostatic 22/6 Straddle 600	Ruined Shale Packer 350
Shale Packer 25	0 220
Initial Open D Extra Packer	Trained Factor
Initial Shut-In	= Extra Copios
Final Flow Day Standby	3102 00
Final Shut-In 3 0	
Sub Total 2433	IVII /ISST DISCT
	Representative
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a terequipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be p	et is made or for any loss suffered or sustained directly or indicate, three on the continue

Palorino fetroleum.
Alta # I

245' FSL + 1821' FEL

ши Prilling Rig #8 5/1/18 - 5/1/18 4704 4707

7500' RTD 3500' RTD 7500' RTD 3500' RTD

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Toronto: 3953 (-1050)3929 (-1046).
Lansing 2969 (-1086)3968 (-1085)
Muncia Creek 4126 (-1247)4134 (-1241)
Stark 4217 (-1247)4134 (-1241)
Hushpuckney 4251 (-1248)4252 (-1369)
BIKC 4291 (-1408)4291 (-1408)
Marmaton 4321 (-1438)4320 (-1431)
Paunae 4413 (-1530)4412 (-1529)
FL Scoth 4475 (-1532)4472 (-1529)
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