KOLAR Document ID: 1482301

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:	
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:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
GOVV Territt #.	Lease Name: License #:
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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 Approved by: Date:

KOLAR Document ID: 1482301

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		Type and F	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.		n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	TOMBSTONE 1
Doc ID	1482301

All Electric Logs Run

Dual Induction
Micro
Litho Density Neutron
Dual Receiver Cement Bond

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	TOMBSTONE 1
Doc ID	1482301

Tops

Name	Тор	Datum
Anhy.	2065	(+ 592)
Base Anhy.	2096	(+ 561)
Topeka	3660	(-1003)
Heebner	3918	(-1261)
Lansing	3959	(-1302)
Stark Shale	4208	(-1551)
ВКС	4270	(-1613)
Pawnee	4406	(-1749)
Ft. Scott	4468	(-1811)
Cherokee Sh.	4493	(-1836)
Miss.	4576	(-1919)
LTD	4695	(-2038)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	TOMBSTONE 1
Doc ID	1482301

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement	 Type and Percent Additives
Surface	12.250	8.675	23	220	Common	2% gel, 3% c.c.
Production	7.875	5.500	14	4691	SMD/EA-2	2% gel, 3% c.c.



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



Invoice

DATE	INVOICE#		
10/17/2019	32852		

BILL TO

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

OCT 2 1 2019

Acidizing

Cement

Total

\$7,024.09

• Tool Rental

PRICE REF. DESCRIPTION QTY 575D Mileage - 1 Way 35 M 576D-D Pump Charge - Deep Surface (> 500 Ft.) & Port Collars 1 Jo 330 Swift Multi-Density Standard (MIDCON II) 225 Sa 276 Flocele 50 Lt 290 D-Air 3 Ga 105 Port Collar Tool Rental With Man 1 Ea 581D Service Charge Cement 225 Sa		Port Collar NIT PRICE AM	Gideon
575D Mileage - 1 Way 35 M 576D-D Pump Charge - Deep Surface (> 500 Ft.) & Port Collars 1 Jo 330 Swift Multi-Density Standard (MIDCON II) 225 Sa 276 Flocele 50 Lt 290 D-Air 3 Ga 105 Port Collar Tool Rental With Man 1 Ea 581D Service Charge Cement 225 Sa 583D Drayage 392 To Subtotal		NIT PRICE AM	AOLINIT
576D-D Pump Charge - Deep Surface (> 500 Ft.) & Port Collars 1 Jo 330 Swift Multi-Density Standard (MIDCON II) 225 Sa 276 Flocele 50 Lt 290 D-Air 3 Ga 105 Port Collar Tool Rental With Man 1 Ea 581D Service Charge Cement 225 Sa 583D Drayage 392 To Subtotal Subtotal	Miles		MOUNT
	Job Sacks Lb(s) Gallon(s) Each	5.00 1,400.00 17.00 3.00 42.00 275.00 1.85 0.95	175.00 1,400.00 3,825.00T 150.00T 126.00T 275.00T 416.25 372.40 6,739.65 284.44



ADDRESS CHANGE TO: Palamino Petroleum

SWIFT OPERATOR

APPROVAL

Thank You!

JŐB LO	OG			C)	SWIF	T Seu	vices. Inc. DATE PAGE NO. 10-17-19
CUSTOM	IER Q1	1 1	WELL NO.			LEASE	,	JOB TYPE TICKET NO.
<u> Yalon</u> CHART	nino Peti		# VOLUME	I DI	JMPS		istone	Port Coller 032852
NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)		C	TUBING	URE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
No.			*				7.	On Location 278" 515"
								OH FORMING VIV
								PC: 2023'
				+			-	PC · XVAJ
	12267	M	106	+'	+-	-		- /
1,	1030	Ø	Ø	 	V	<u> </u>	1,000	Test BS to 1000 PSI A Hold A
-				<u> </u> '				- Relegse Pressure
	1040							Open PC
	la			\[\text{'}		9		
	1045	2	4			400	1	Injection Rate
-	1070	· ·	-		2	400		Lilection Naie
	+		-					~
				<u> '</u>	<u> </u> '		<u> </u> '	
	1050	4	125	/	<u> </u>	450		Mix 205 sks of SMD 14#Flo @11.2px ** Circulate CMT to Surface #
					['			* Circulate CIMT to Surface #
-								The contract of the contract of
-	1130	3/2	634		.[400		Do -/ CANT
	112	210	074	V		700		Displace CMT
			-	1	<u> </u> '	<u> </u>		
	120				<u>'</u>			Close PC
					'			
	1140	OS	0			1000		P Test to 1000 PSI & Hold&
	11 10		P	1		1000		P 1857 TO ILLO POLL MA ROIGIN
	11210			-		 	 	0 11 5 1
	1145			\vdash	\longrightarrow	<u> </u>		Run 4 Joints
				$oxed{oxed}$				
vi.	1200	3/2	25		I. J		UM	Reverse Clean
	1200	2/2		 	~		700	Neverse Clean
		, J		-	\vdash			
	-						—	
1	1220					-		@ Wash up Trk #1/2
No. of the London Co.	Ĺ., <u> </u>							
								Job Complete
1				$\overline{}$			$\overline{}$	JOB COMPIEIE
()	-			-		$\overline{}$		- 1 1 114-1 - 1
				\square				225 sks of SMO 1/4# Flo CMT used
3								A 15 sks to the PitA
					$\overline{}$			Thank You
				$\overline{}$			1	Thank You
				\vdash	\longrightarrow			
				\square				Gideon, Poreston I saac
			×					



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



Invoice

DATE	INVOICE #	
10/6/2019	32418	

BILL TO

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

RECEIVED OCT 0 9 2019

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	No. Lease	County	Contractor	Well	Гуре W	ell Category	Job Purpose	Operator
Net 30	#1	Tombston	ne Ness	WW Rig #2	Oi	1 E	Development	5 1/2 Longstring	Gideon
PRICE F	REF.		DESCRIPT	TION		QTY	UM	UNIT PRICE	AMOUNT
575D 578D-L 404-5 403-5 406-5 407-5 409-5 325 284 283 285 276 330 281 221 290 581D 583D		5 1/2" Insert Flo 5 1/2" Turbolize Standard Cemer Calseal Salt CFR-1 Flocele	Long String lar Basket bwn Plug & Baffle bat Shoe With Auto er int hsity Standard (MIE layfix) Cement			1 1 1 1 1 12 100 5 500 50 125	Miles Job Each Each Each Each Each Sacks Sack(s) Lb(s) Lb(s) Lb(s) Sacks Gallon(s) Gallon(s) Gallon(s) Sacks Ton Miles	5.00 1,400.00 2,500.00 275.00 250.00 325.00 90.00 13.50 40.00 0.25 5.00 3.00 17.00 1.50 25.00 42.00 1.85 0.95	175.00 1,400.00 2,500.00 275.00 250.00 325.00 1,080.00 1,350.00 200.00 155.00 750.00 100.00 416.25 382.85 11,980.10 624.39



ADDRESS CHARGETO: Palomino Petroleum

SWIFT OPERATOR	AND THE PERSON OF THE PERSON O	10/6	DATE SIGNED .	START OF WORK OR DE	MUST BE SIGNED BY CHISTOMER OR CHISTO	but are not limited	the terms and conc		409	407	406	403	404	578	575	PRICE		A. REFERRAL LOCATION	ω	1. Ness	Services,	
Hillson Feeding	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES	101	TIME SIGNED	START OF WORK OR DELIVERY OF GOODS.	NTT PROVISIONS.	but are not limited to, PAYMENT, RELEASE, INDEMNITY, and	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include,			-	_)				SECONDARY REFERENCE/ ACC PART NUMBER LOC	INVOICE INSTRUCTIONS	į.	щ <u>"</u> щ	CHRKS II	Inc.	3
APPROVAL		03-790-2300	795 700 700	P.O. BOX 466	INC.		REMIT PAYMENT TO:		Turbolizer	Insert Float Shoe wil Aut	Latch down Plug + Baff	CMT Baskets	Post Collar	e - Lone !	MILEAGE The #112	ACCOUNTING DESCRIPTION C ACCT DF	Sino C	Desse Copenent	WELL CATEGORY LION	ACTOR LEASE Tombstone RIG NAME/NO.	;, ZIP CODE	
	The customer hereby acknowledges receipt of the materials and services listed on this ticket.	CUSTOMER DID NOT WISH TO RESPOND	ARE YOU SATISFIED WITH OUR SERVICE?	AND PERFORMED JOB CALCULATIONS SATISFACTORILY?	OUR SERVICE WAS PERFORMED WITHOUT DELAY?	WE UNDERSTOOD AND MET YOUR NEEDS?	SURVEY AGREE UNDECIDED DISAGREE OUR EQUIPMENT PERFORMED .		5/2 10 12 10		$\frac{1}{2}$ $\frac{5}{a}$ $\frac{1}{a}$ $\frac{1}{a}$ $\frac{1}{a}$	5% in 1 es	5/2 lin 1 lea	String	100 m	QTY. U/M QTY. U/M		WELL FERMITING.	1	STATE CITY KS CITY CHICA SHIPPED DELIVERED TO		
Thank You!	ted on this ticket.	13/0449		NEXS 1024139	11980110	9	PAGE TOTAL DOOS SO	_	90 00 1,080 00	326 00 326 00	250 00 250 00	275 C 275 B	2500 4 2500 00	1400000 1400	500 17500	UNIT AMOUNT	1/2-62 S-10to	Utica, 2-411-S	WELL LOOATON	DATE OWNER OWNER	PAGE OF	

Thank You!

7 000	581		066	33	186	3%	N.C	282	187	325	PRICE REFERENCE	
											SECONDARY REFERENCE/ PART NUMBER	
											ACCOUNTING TIME	Ness City, KS 67560 Off: 785-798-2300
CHARGE 3500 105 35	NILEAGE TOTAL WEIGHT LOADED MILES		D-A17	Liquid KCC	Mud Flush	SMD CMT	Flocele	76/C	Calseal	Standard CMT	ME DESCRIPTION	CUSTOMER Palomino Petroleum
403	CUBIC FEET 236		3 ga/		500 ad	125 sks	50 lb	20 PS		100 sks	QTY W.W QTY W.W	WELL Tombstone #1 DA
	3 85	 ****	42 8	25 18	[6]	7 %	18		40 00	[8]	UNIT	DATE 10/6/2019 PAGE
2028	416 25		126 95	4	750 00	212500	160 00	2000	8 8	1350 00	AMOUNT	Se S

JSTOM	ER -	0	WELL NO.		LEASE	1	JOB TYPE	TICKET NO.
Palo	mino	Petroleum		#/	"	Tomb	tono Long String	032418
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T C	PRESS TUBING	URE (PSI) CASING	DESCRIPTION OF OPERA	TION AND MATERIALS
	DIOO					- 2	On Location 5,	1/3" 1416/06
							RTD: 4695	1-TD:41-95
		2						J-47'
							Turbo: 1,2,3,4,6,10 Basket: 64 P	10, 41, U, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10
							IMSKI OT F	c. of acas
	0430						Start 5/2" Cas	sing in wall
	- 100						004,0 012 003	sing in wea
	0700						Orop ball - Carculate	•
	0,00						Orop 15arr Circulare	
	0800	6%	12			3577	Puma Formal Min	d Floor
	088	6/2	20		•	250	Pump 500 gal Mul Pump 20 bbl KCL	Consi
	(1891)	W/o	0.0		2.5	30	tump on poi poc	- spacer
	0405	1	10			0	Plug RH [3	207
	0,500		10				1109 871 [3	207
	0310	4	948			200	M. 45 1	Changing
	0310	11	24			250	Mix 100 sks of	SMD6 12.5 pp
		7	24			200	1911X 100 SRS of	EH-2@ 15.36pg
	(2010)				-1		161 211	
	0830						Wash P+L	0/
		0					Drop Letch dou	n Plug
		6/2	0		•	700	Sh. L. D. J	1
		6%	75			300	Start Displacemen	16
						900	-Lift Pressur	2
	(200)	6/2	112	$ \nu$	•	900		
	0850	5/2	113,4			1700	Land Latch dou	un Plus
_							- Relcase Pressure	The Hold of
-	00.00						. 1. / /	
	0900						Washup Trk #11	2
-	0.1			1.00	*			
	0930						Job Complete	
							125 sks of SMD +	· 100sks of EA-Zu
			2: 32		i.		Thank, You	
					8	3	110017	
							Gideon, Prestor,	



Remit To: Hurricane Services, Inc. 250 N. Water, Suite 200

Wichita, KS 67202 316-303-9515

Customer:

PALOMINO PETROLEUM INC 4924 SE 84TH ST

NEWTON, KS 67114-8827

Invoice Date:

Invoice #: Lease Name:

> Well#: County:

Job Number:

9/26/2019 0344006

Tombstone 1 (New)

Ness, Ks ICT2473

	OOD ITAIIID	1012470		
Date/Description	HRS/QTY	Rate	Total	
Surface-(Oakley District)	0.000	0.000	0.00	
Pump truck #209	1.000	637.500	637.50	
Heavy Eq Mileage	30.000	3.400	102.00	
Light Eq Mileage	30.000	1.700	51.00	
Ton Mileage	227.850	1.275	290.51	
H-325	155.000	17.000	2,635.00	

3,716.01 Total

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice. SALES TAX: Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

250 N. Water St., Suite #200 Wichita, KS 67202



HURRICANE SERVICES INC

Customer	Palomino Petroleu	ım	Lease & Well #	Tombstone #	1			Date	9	/26/2019		
Service District	Oakley, KS		County & State	Ness ks	Legals S/T/R	32-165	S-26W	Job#				
Job Type	Surface	☑ PROD	□ INJ	□SWD	New Well?	☑ YES	□ No	Ticket#		CT2473		
Equipment #	Driver			Job Safety	Analysis - A Discus	ussion of Hazards & Safety Procedures						
85	Cory Davis	☐ Hard hat		☑ Gloves		□ Lockout/Tage	out	☑ Warning Signs	& Flagging			
209	Kaleb Compton	☐ H2S Monitor		☑ Eye Protection	on	☐ Required Per	mits	☐ Fall Protection				
294		☑ Safety Footwea		☐ Respiratory F		☑ Slip/Trip/Fall	Hazards	□ Specific Job Se	quence/Expe	ectations		
		☐ FRC/Protective			hemical/Acid PPE	☑ Overhead Ha		☐ Muster Point/N	Medical Local	tions		
		☐ Hearing Protect	tion	☐ Fire Extinguis			ncerns or issu	sues noted below				
		Utica KS West 2	miles to rd B 1 sou	th 1/2 west sou		nments						
		Oliou, NO TYOUL	maios to ra p r soc	701 172 WOOK 500	ar nico							
		And the second									**	
Product/ Service								CAS DESIGNATION				
Code		Desci	ription	k in on her en	Unit of Measure	Quantity		a a caledon de lue.	and the state of t	Net An	nount	
C010	Cement Pump				ea	1.00				\$637	.50	
M010	Heavy Equipment M				mi	30.00				\$102		
M015	Light Equipment Mil	leage			mi	30.00	-			\$51.		
M020	Ton Mileage				tm	227.85	-			\$290		
CP015	H-325				sack	155.00				\$2,63	5.00	
					-	-	-					
					+							
									-			

						-						
					-							
						-					-	
				50.0							-	
		and the same										
Custon	ner Section: On the	following scale ho	ow would you rate I	Hurricane Servi	ces Inc.?				Net:	\$3,7	716.01	
						Total Taxable	\$ -	Tax Rate:		\geq	<	
Base	ed on this job, how	likely is it you w	ould recommend	HSI to a collea	gue?	State tax laws dee		ects and services exempt. Hurricane	Sale Tax:	\$		
						Services relies on information above	the customer pr	rovided well				
Unii	kely 1 2 3	4 5	6 7 8	9 10	Extremely Likely	services and/or pr			Total:	\$ 3,7	16.01	
						HSI Represe	entative:	Cory Davis				
TD110 0 - 1 ! 1		missa las Alon kas		to sele Oceania		L		-1-7-0-000-1	for the late			

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 15% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection. Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royallies and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. DISCLAMMER NOTICE: Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hyrricane has begn provided accurate well information in determining taxable serv

CUSTOMER AUTHORIZATION SIGNATURE



CEMEN	TTR	EATME	NT RE	PORT								
Cus	stomer	Palomi	no Peti	roleum	Well:		Tombst	one #1		Ticket	: 10	T2473
City	, State	:			County:		Ness,	KS		Date		26/2019
Fie	ld Rep	Johnnie	9		S-T-R:		32-168			Service		ement
Dov	vnhole	Informati	ion		C.			1				
	e Size:		12.2	5	Slur Weight:	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner	8 #/sx			Ce Product	ement Blend	
	Depth:	_	220		Water / Sx:		7 gal/sx		Class		400.0	#
	g Size:		8.62	-	Yield:		5 ft ³ /sx		Gel	A	100.0	14570
Casing	Depth:		220	-	Bbls / Ft.:	1 2/-	JIL / SA		CaCI		2.0	291
Tubing /	Liner:		in		Depth:		ft		-		3.0	437
	Depth:		ft		Volume:		bbls					
Tool / P	acker:		3		Excess:	%						
	Depth:		ft		Total Slurry:	31	bbls					
Displace	ement:		12.75		Total Sacks:	155	sx					
											Total	15,298
TIME	RATE	PSI	BBLs	THE RESIDENCE OF THE PARTY OF T	IARKS	TIME	RATE	PSI	BBLs		REMARKS	
8:05 PM					rivial							
8:02 PM 8:20 PM	-				meeting							
9:20 PM					p equip							
9:50 PM					on welder		\vdash					
10:20 PM					n bottom		-					
10:30 PM	5.0	100.0	31.0		ement							
10:50 PM	5.0	100.0	12.7		place							
11:00 PM					at in							
11:05 PM			10.0		mp and lines							
11:15 PM					dwon	-						
					part							
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	-											
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	\neg						-+	-+	_			
	_							-				
								-+				
								_				
		CREW			UNIT					SUMMARY	1 10000	
Ceme			Cory Dav		85.0		Average I	Rate	Average	Pressure	Total Fluid	
Pump Oper			eb Com		209.0		5 bp	om	100.00	psi	53.70 bbl	
	k #1: k #2:	P	(ale Och	s	294.0							
Dui	W 172.											



Prepared For:

Palomino Petroleum Inc

4924 SE 58th St Newton, KS 67114

ATTN: Andrew Stenzel

Tombstone #1

32-16S-26W Ness,KS

Start Date: 2019.10.01 @ 13:08:00 End Date: 2019.10.01 @ 20:44:00 Job Ticket #: 65560 DST#: 1

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



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65560

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2019.10.01 @ 13:08:00

GENERAL INFORMATION:

Time Tool Opened: 15:21:00

Time Test Ended: 20:44:00

Formation:

LKC "H-I"

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Martine Salinas

Unit No:

82

2657.00 ft (KB)

Reference Elevations:

2652.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth:

Hole Diameter:

4110.00 ft (KB) To 4179.00 ft (KB) (TVD)

4179.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Serial #: 8734 Press@RunDepth:

Outside

148.19 psig @

4111.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.01

End Date:

2019.10.01

Last Calib.:

2019.10.01

Start Time:

13:08:01

End Time:

20:44:00

Time On Btm:

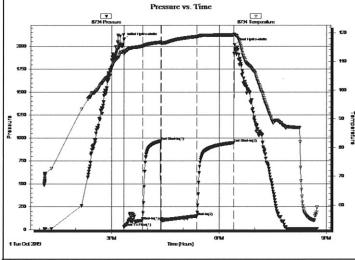
2019.10.01 @ 15:20:50

Time Off Btm:

2019.10.01 @ 18:25:39

TEST COMMENT: 30-IF-1/4" blow built to B.O.B(11 inches) @ 20 mins (blow increased to 19 1/2") 30-ISI-S.blow back @ 2 mins built to 1/4" @ 15 mins & decreased to surface blow 60-FF-1/2" blow built to B.O.B(11 inches) @ 10 mins (blow increased to 52 3/4")

60-FSI-S.blow back ASASI built to 7"



PRESSURE SUMMARY								
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	2074.63	113.55	Initial Hydro-static				
	1	32.12	112.58	Open To Flow (1)				
	31	100.30	115.30	Shut-In(1)				
	61	966.24	116.66	End Shut-In(1)				
1	63	99.71	116.37	Open To Flow (2)				
Temperatur	122	148.19	118.67	Shut-In(2)				
3	184	947.76	119.21	End Shut-In(2)				
	185	2013.68	119.28	Final Hydro-static				
				96 96				

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GSOWM 30%G,5%O,25%W,40%M	0.30
185.00	GSWMO 40%G,15%W,22%M,23%O	2.08
55.00	CGO 30%G, 70%O	0.77
0.00	900' GIP	0.00

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

Trilobite Testing, Inc

Ref. No: 65560



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65560

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2019.10.01 @ 13:08:00

GENERAL INFORMATION:

Formation:

LKC "H-I"

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 15:21:00

Tester: Unit No: Martine Salinas

Time Test Ended: 20:44:00

4110.00 ft (KB) To 4179.00 ft (KB) (TVD)

Interval:

Reference Elevations:

2657.00 ft (KB)

Total Depth:

4179.00 ft (KB) (TVD)

2652.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8959 Press@RunDepth:

psig @

4111.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.01

End Date:

2019.10.01

Last Calib .:

2019.10.01

Start Time:

13:08:01

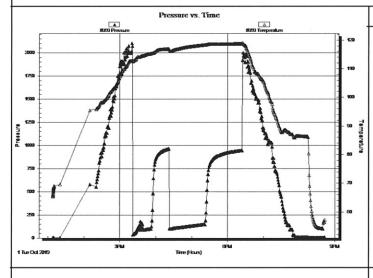
End Time:

20:43:50

Time On Btm: Time Off Btm:

TEST COMMENT: 30-IF-1/4" blow built to B.O.B(11 inches) @ 20 mins (blow increased to 19 1/2") 30-ISI-S.blow back @ 2 mins built to 1/4" @ 15 mins & decreased to surface blow 60-FF-1/2" blow built to B.O.B(11 inches) @ 10 mins (blow increased to 52 3/4")

60-FSI-S.blow back ASASI built to 7"



PRESSURE	SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GSOWM 30%G,5%O,25%W,40%M	0.30
185.00	GSWMO 40%G,15%W,22%M,23%O	2.08
55.00	CGO 30%G, 70%O	0.77
0.00	900' GIP	0.00

Trilobite Testing, Inc

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Ref. No: 65560 Printed: 2019.10.08 @ 09:08:45



TOOL DIAGRAM

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65560

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2019.10.01 @ 13:08:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 3984.00 ft Diameter:

0.00 ft Diameter:

3.80 inches Volume: 55.89 bbl 2.75 inches Volume:

0.00 bbl 0.58 bbl Tool Weight:

2500.00 lb Weight set on Packer: 25000.00 lb

Drill Collar:

Length: 117.00 ft Diameter:

2.25 inches Volume: Total Volume: 56.47 bbl

Weight to Pull Loose: 58000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

19.00 ft 4110.00 ft

Tool Chased 0.00 ft String Weight: Initial 51000.00 lb

Depth to Bottom Packer: Interval between Packers: 69.00 ft

Final 52000.00 lb

Tool Length: Number of Packers: 2 Diameter:

97.00 ft

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4087.00		
Hydraulic tool	5.00	1113		4092.00		
Jars	5.00	01-07		4097.00		
Safety Joint	3.00	-001		4100.00		
Packer	5.00			4105.00	28.00	Bottom Of Top Packer
Packer	5.00			4110.00		
Stubb	1.00			4111.00		
Recorder	0.00	8959	Inside	4111.00		
Recorder	0.00	8734	Outside	4111.00		
Perforations	30.00			4141.00		
Change Over Sub	1.00			4142.00		
Drill Pipe	31.00			4173.00		
Change Over Sub	1.00			4174.00		
Bullnose	5.00			4179.00	69.00	Bottom Packers & Anchor

Total Tool Length:

97.00

Trilobite Testing, Inc Ref. No: 65560 Printed: 2019.10.08 @ 09:08:45



FLUID SUMMARY

Palomino Petroleum Inc

32-16S-26W Ness, KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65560

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2019.10.01 @ 13:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

Water Salinity:

38000 ppm

Viscosity:

54.00 sec/qt 7.78 in³

Cushion Volume: Gas Cushion Type: ft bbl

Water Loss: Resistivity:

ohm.m

Gas Cushion Pressure:

psig

Salinity: Filter Cake: 4500.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GSOWM 30%G,5%O,25%W,40%M	0.295
185.00	GSWMO 40%G,15%W,22%M,23%O	2.076
55.00	CGO 30%G, 70%O	0.772
0.00	900' GIP	0.000

Total Length:

300.00 ft

Total Volume:

3.143 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

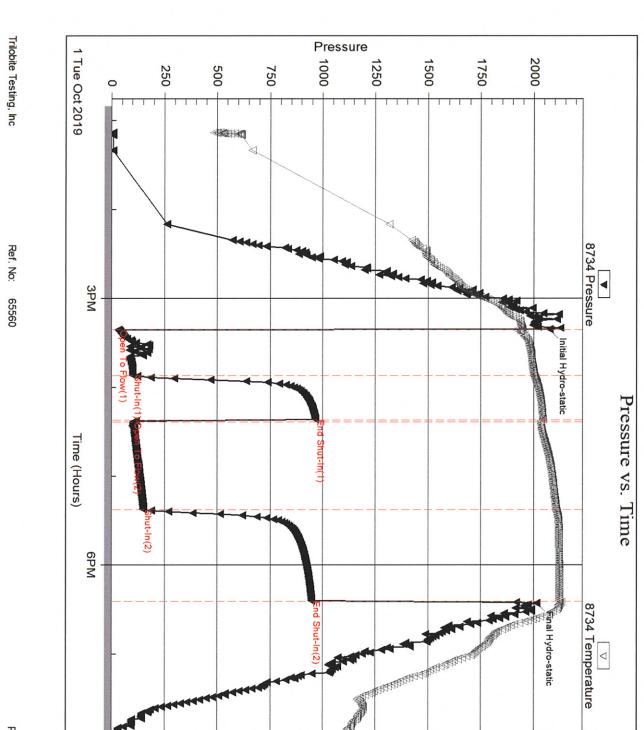
Laboratory Location:

Recovery Comments: Gravity of oil = 36.6 @ 56 degs corrected to 37 @ 60 degs

RW= .250 @ 56 = 38,000PPM Some severe plugging on the IFP

Trilobite Testing, Inc

Ref. No: 65560



Serial #: 8734

Outside Palomino Petroleum Inc

Tombstone #1

DST Test Number: 1

- 120

110

100

9PM

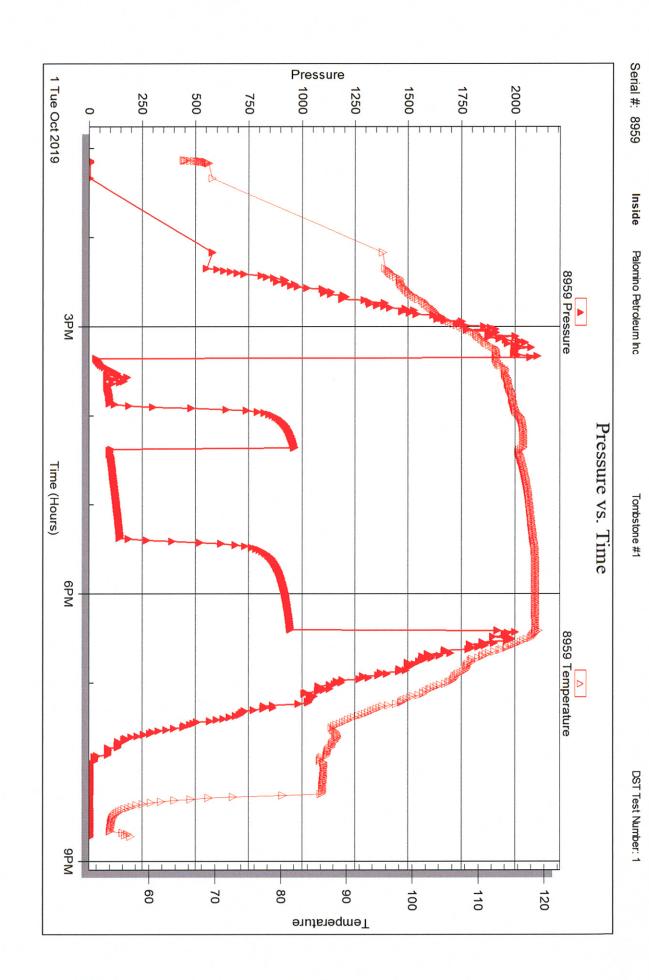
60

70

80

90

Temperature



Trilobite Testing, Inc

Ref. No:

65560



Prepared For:

Palomino Petroleum Inc

4924 SE 58th St Newton, KS 67114

ATTN: Andrew Stenzel

Tombstone #1

32-16S-26W Ness,KS

Start Date: 2

2019.10.02 @ 04:25:00

End Date:

2019.10.02 @ 10:57:30

Job Ticket #: 65561

DST#: 2

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



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65561

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 04:25:00

GENERAL INFORMATION:

Time Tool Opened: 07:06:10

Time Test Ended: 10:57:30

Formation:

LKC "J"

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Martine Salinas

Unit No:

Reference Elevations:

2657.00 ft (KB)

2652.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval:

4178.00 ft (KB) To 4214.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4214.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Serial #: 8734 Press@RunDepth: Outside

34.81 psig @

4179.00 ft (KB)

Capacity: Last Calib .: 8000.00 psig

Start Date: Start Time:

2019.10.02 04:25:01

End Date: End Time:

2019.10.02 10:57:30

Time On Btm:

2019.10.02

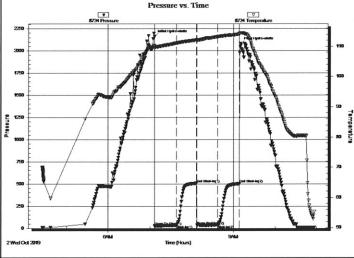
Time Off Btm:

2019.10.02 @ 07:06:00 2019.10.02 @ 09:10:30

TEST COMMENT: 30-IF-Surface blow built to 1"

30-ISI-Surface blow back

30-FF-No blow 30-FSI-No blow



	PRESSURE SUMMARY				
	Time Pressure Temp			Annotation	
	(Min.)	(psig)	(deg F)		
	0	2161.32	110.08	Initial Hydro-static	
	1	27.52	109.33	Open To Flow (1)	
	33	37.34	111.04	Shut-In(1)	
	62	507.06	112.07	End Shut-In(1)	
Ten	62	33.41	111.91	Open To Flow (2)	
Temperatur	92	34.81	113.15	Shut-In(2)	
6	123	502.33	114.01	End Shut-In(2)	
	125	2079.78	114.43	Final Hydro-static	
				8	

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% Mud	0.10
0.00	Oil spots in tool	0.00
* Recovery from r	multiple tests	

Gas	Rates

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

Trilobite Testing, Inc

Ref. No: 65561



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65561

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 04:25:00

GENERAL INFORMATION:

Time Tool Opened: 07:06:10

Time Test Ended: 10:57:30

Formation:

LKC"J"

Deviated:

Interval:

Total Depth:

Hole Diameter:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Martine Salinas

Unit No:

Reference Elevations:

2657.00 ft (KB)

2652.00 ft (CF)

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8959 Press@RunDepth:

Inside

4178.00 ft (KB) To 4214.00 ft (KB) (TVD)

psig @ 4179.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

4214.00 ft (KB) (TVD)

End Date:

2019.10.02

Last Calib .: Time On Btm: 2019.10.02

Start Time:

2019.10.02 04:25:01

End Time:

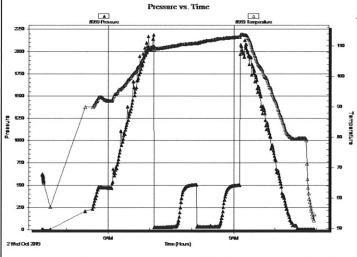
10:57:20

Time Off Btm:

TEST COMMENT: 30-IF-Surface blow built to 1"

30-ISI-Surface blow back

30-FF-No blow 30-FSI-No blow



Time	Pressure		Annotation
(Min.)	(psig)	(deg F)	

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100% Mud	0.10
0.00	Oil spots in tool	0.00
* Recovery from r	nultiple tests	-

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

Trilobite Testing, Inc

Ref. No: 65561



TOOL DIAGRAM

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65561

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 04:25:00

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4047.00 ft Diameter:

0.00 ft Diameter: 117.00 ft Diameter:

3.80 inches Volume: 56.77 bbl 2.75 inches Volume: 2.25 inches Volume:

6.75 inches

0.00 bbl 0.58 bbl

Total Volume: 57.35 bbl

Tool Weight:

2500.00 lb Weight set on Packer: 25000.00 lb

Weight to Pull Loose: 55000.00 lb

Tool Chased

0.00 ft

String Weight: Initial 51000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

14.00 ft 4178.00 ft

Depth to Bottom Packer:

Length:

Interval between Packers: 36.00 ft

64.00 ft

Final 51000.00 lb

Number of Packers:

Tool Length:

2 Diameter:

ft

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4151.00		
Shut In Tool	5.00			4156.00		
Hydraulic tool	5.00	1113		4161.00		
Jars	5.00	01-07		4166.00		
Safety Joint	3.00	-001		4169.00		
Packer	5.00			4174.00	28.00	Bottom Of Top Packer
Packer	4.00			4178.00		
Stubb	1.00			4179.00		
Recorder	0.00	8959	Inside	4179.00		
Recorder	0.00	8734	Outside	4179.00		
Perforations	30.00			4209.00		
Bullnose	5.00			4214.00	36.00	Bottom Packers & Anchor

Total Tool Length:

64.00

Ref. No: 65561 Printed: 2019.10.08 @ 09:08:22 Trilobite Testing, Inc



FLUID SUMMARY

DST#: 2

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114

ATTN: Andrew Stenzel

Tombstone #1

Job Ticket: 65561

Test Start: 2019.10.02 @ 04:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

Water Salinity:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft

ppm

Viscosity:

54.00 sec/qt

Cushion Volume:

Water Loss: Resistivity:

7.77 in³

Gas Cushion Type: Gas Cushion Pressure:

psig

bbl

Salinity: Filter Cake:

ohm.m 4500.00 ppm

1.00 inches

Recovery Information

Recovery Table

Length ft Description Volume bbl 20.00 100% Mud 0.098 0.00 Oil spots in tool 0.000

Total Length:

20.00 ft

Total Volume:

0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

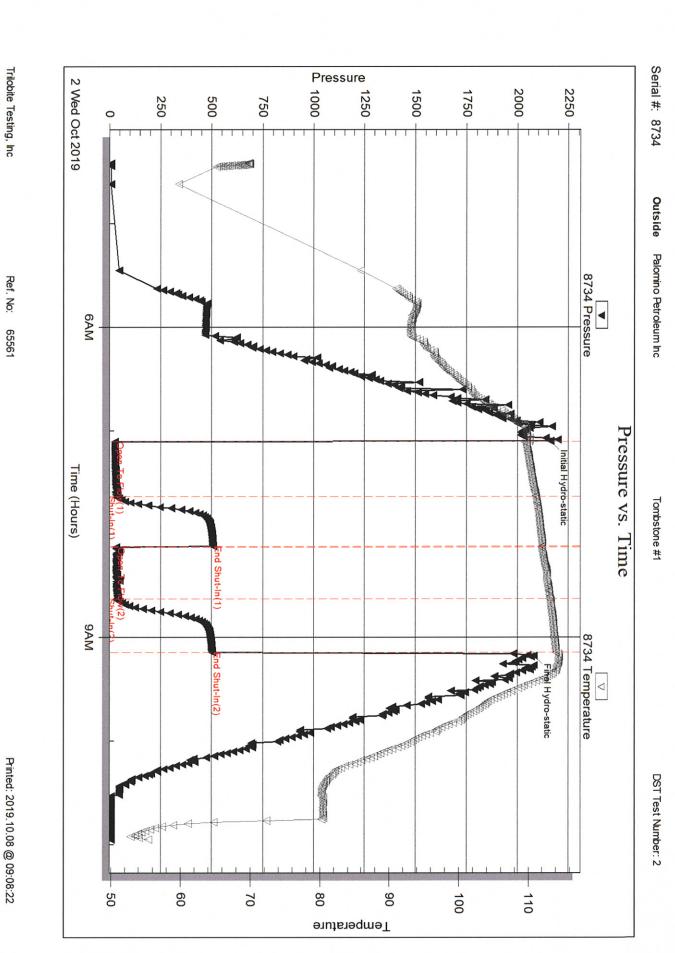
Laboratory Name:

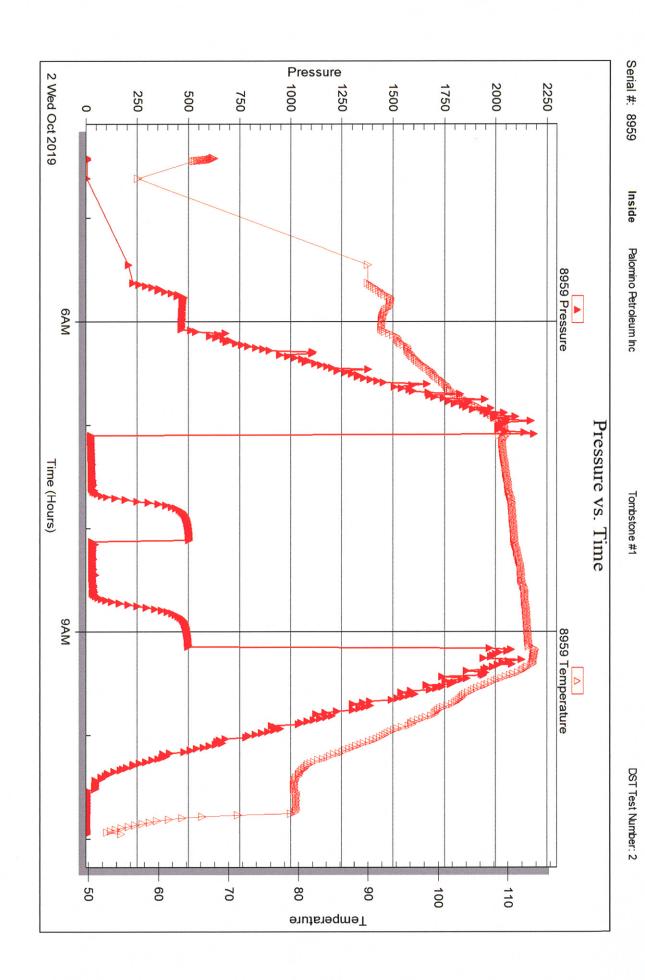
Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 65561





Trilobite Testing, Inc

Ref. No:

65561





Prepared For: Palomino Petroleum Inc

4924 SE 58th St Newton, KS 67114

ATTN: Andrew Stenzel

Tombstone #1

32-16S-26W Ness,KS

Start Date: 2019.10.02 @ 22:19:00 End Date: 2019.10.03 @ 05:19:50 Job Ticket #: 65562 DST #: 3

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



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65562

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 22:19:00

GENERAL INFORMATION:

Formation:

LKC " L "

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 00:42:50

Time Test Ended: 05:19:50

Tester: Unit No: Martine Salinas

Interval:

4238.00 ft (KB) To 4278.00 ft (KB) (TVD)

2657.00 ft (KB)

Total Depth:

4278.00 ft (KB) (TVD)

Reference Elevations:

2652.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

82

5.00 ft

Serial #: 8734 Press@RunDepth: Outside

47.07 psig @

4239.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.02

End Date:

2019.10.03

Last Calib.:

2019.10.03

Start Time:

22:19:01

End Time:

05:19:50

Time On Btm:

2019.10.03 @ 00:42:40

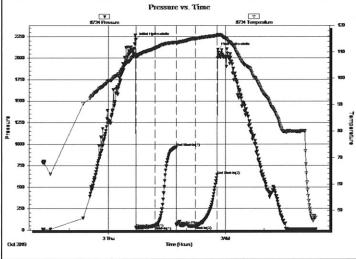
Time Off Btm:

2019.10.03 @ 02:48:20

TEST COMMENT: 30-IF-Surface blow built to 2"

30-ISI-No blow back

30-FF-Surface blow built to 1" 30-FSI-No blow back



	PRESSURE SUMMARY						
1	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	2214.39	109.06	Initial Hydro-static			
	1	27.63	107.94	Open To Flow (1)			
	29	43.18	111.35	Shut-ln(1)			
	62	962.85	113.56	End Shut-In(1)			
d	62	61.09	113.13	Open To Flow (2)			
Temperature	91	47.07	115.04	Shut-In(2)			
5	124	641.77	116.17	End Shut-In(2)			
	126	2099.97	116.52	Final Hydro-static			
				~			

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OSM 5%O, 95%M	0.20
0.00	Heavy oil spots in tool	0.00
* Recovery from m	ultiple tests	•

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

Trilobite Testing, Inc

Ref. No: 65562



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65562

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 22:19:00

GENERAL INFORMATION:

Formation:

LKC " L "

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 00:42:50

Time Test Ended: 05:19:50

Unit No:

Tester:

Martine Salinas

Interval:

4238.00 ft (KB) To 4278.00 ft (KB) (TVD)

Reference Elevations:

2657.00 ft (KB)

Total Depth:

4278.00 ft (KB) (TVD)

2652.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8959 Press@RunDepth: Inside

psig @

4239.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.02

End Date:

2019.10.03

Last Calib .:

Start Time:

Time On Btm:

2019.10.03

22:19:01

End Time:

05:19:40

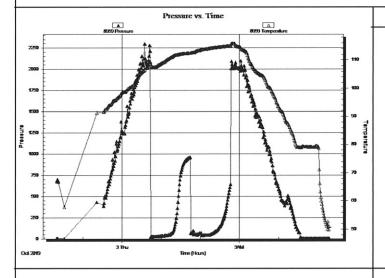
Time Off Btm:

TEST COMMENT: 30-IF-Surface blow built to 2"

30-ISI-No blow back

30-FF-Surface blow built to 1"

30-FSI-No blow back



PRESSURE SUMMARY Time Pressure Temp Annotation

Min.)	(psig)	(deg F)	, ,,,,,,	

Recovery

Length (ft)	Description	Volume (bbl)
40.00	OSM 5%O, 95%M	0.20
0.00	Heavy oil spots in tool	0.00
* Recovery from r	nultiple tests	•

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 65562



TOOL DIAGRAM

Palomino Petroleum Inc

32-16S-26W Ness, KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65562

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 22:19:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4110.00 ft Diameter:

3.80 inches Volume: 57.65 bbl 0.00 bbl Tool Weight:

2500.00 lb

0.00 ft Diameter:

2.75 inches Volume:

Weight set on Packer: 25000.00 lb

Drill Collar:

Length: 117.00 ft Diameter:

2.25 inches Volume: 0.58 bbl Total Volume: 58.23 bbl Weight to Pull Loose: 58000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

17.00 ft 4238.00 ft Tool Chased

0.00 ft

Depth to Bottom Packer:

ft

String Weight: Initial 51000.00 lb

Final 51000.00 lb

Interval between Packers: 40.00 ft Tool Length:

68.00 ft

Diameter:

6.75 inches

Number of Packers: 2 Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4211.00		
Shut In Tool	5.00			4216.00		
Hydraulic tool	5.00	1113		4221.00		
Jars	5.00	01-07		4226.00		
Safety Joint	3.00	-001		4229.00		
Packer	5.00			4234.00	28.00	Bottom Of Top Packer
Packer	4.00			4238.00		
Stubb	1.00			4239.00		
Recorder	0.00	8959	Inside	4239.00		
Recorder	0.00	8734	Outside	4239.00		
Perforations	34.00			4273.00		
Bullnose	5.00			4278.00	40.00	Bottom Packers & Anchor

Total Tool Length:

68.00

Ref. No: 65562 Printed: 2019.10.08 @ 09:07:46 Trilobite Testing, Inc



FLUID SUMMARY

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65562

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 22:19:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

Water Salinity:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft

ppm

Viscosity: Water Loss:

72.00 sec/qt 7.79 in³

Cushion Volume:

bbl

Resistivity:

ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity: Filter Cake: 4300.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	OSM 5%O, 95%M	0.197
0.00	Heavy oil spots in tool	0.000

Total Length:

40.00 ft

Total Volume:

0.197 bbl

Num Fluid Samples: 0

Num Gas Bombs:

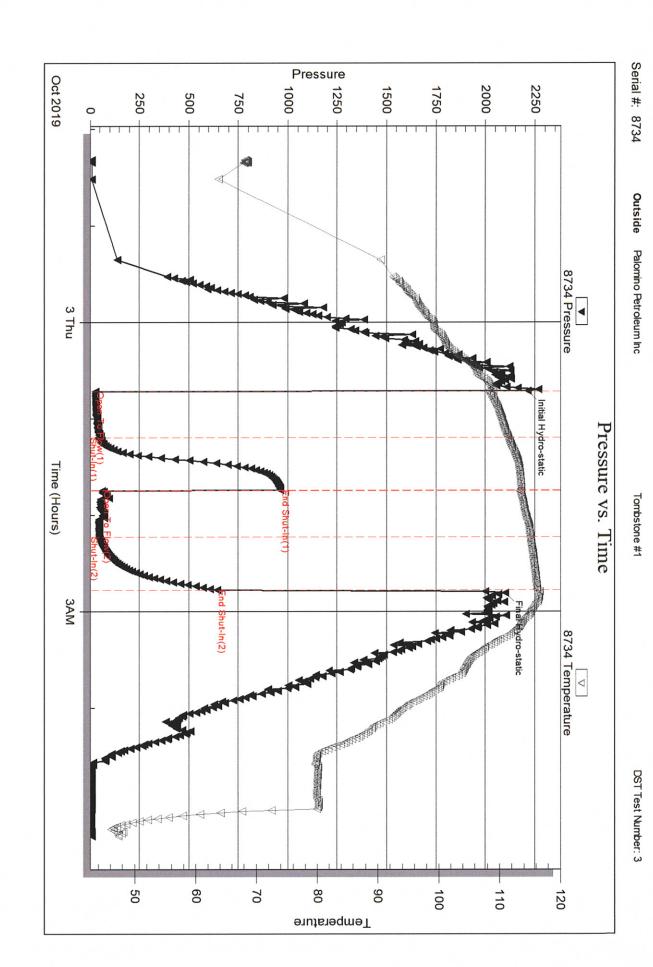
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

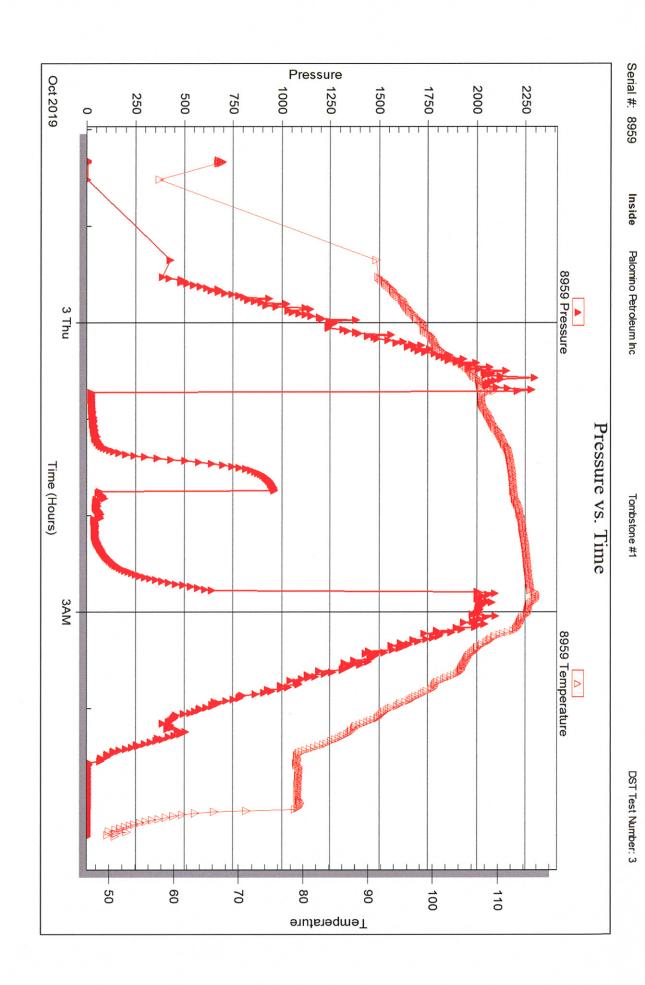
Trilobite Testing, Inc Ref. No: 65562 Printed: 2019.10.08 @ 09:07:47



Trilobite Testing, Inc

Ref. No:

65562



Trilobite Testing, Inc

Ref. No:

65562



Prepared For:

Palomino Petroleum Inc

4924 SE 58th St Newton, KS 67114

ATTN: Andrew Stenzel

Tombstone #1

32-16S-26W Ness,KS

Start Date: 2019.1

2019.10.04 @ 11:51:00

End Date:

2019.10.04 @ 18:46:39

Job Ticket #: 65563

DST#: 4

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



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65563

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2019.10.04 @ 11:51:00

GENERAL INFORMATION:

Time Tool Opened: 13:43:30

Time Test Ended: 18:46:39

Formation:

Miss

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Martine Salinas

Unit No:

Reference Elevations:

2657.00 ft (KB)

2652.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth: Hole Diameter: 4514.00 ft (KB) To 4605.00 ft (KB) (TVD)

Serial #: 8734

4605.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Capacity:

Press@RunDepth: Start Date: Start Time:

Outside

94.65 psig @ 2019.10.04

4515.00 ft (KB) End Date:

2019.10.04

Last Calib .:

8000.00 psig 2019.10.04

End Time:

18:46:40

Time On Btm:

2019.10.04 @ 13:43:20

Time Off Btm:

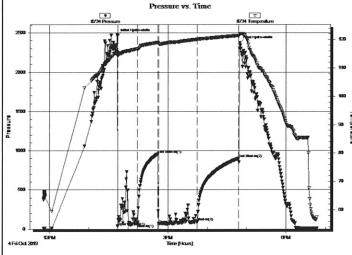
2019.10.04 @ 16:50:00

TEST COMMENT: 30-IF-Surface blow built to 4"

30-ISI-No blow back

11:51:01

30-FF-Surface blow built to 7" 30-FSI-No blow back



	PRESSURE SUMMARY					
-	Time	Pressure	Temp	Annotation		
9	(Min.)	(psig)	(deg F)			
	0	2464.57	115.37	Initial Hydro-static		
	1	34.29	114.21	Open To Flow (1)		
	31	66.30	116.73	Shut-In(1)		
i s	62	958.72	118.98	End Shut-In(1)		
107	63	69.47	118.50	Open To Flow (2)		
Temperature	121	94.65	120.09	Shut-In(2)		
5	185	902.51	121.42	End Shut-In(2)		
	187	2374.42	122.00	Final Hydro-static		

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOSM 15%G, 3%O, 82%M	0.62
30.00	CGO 30%G, 70%O	0.42
* Recovery from r	nultiple tests	

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

Trilobite Testing, Inc

Ref. No: 65563



Palomino Petroleum Inc.

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65563

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2019.10.04 @ 11:51:00

GENERAL INFORMATION:

Formation:

Miss

Deviated:

No Whipstock: ft (KB)

Tester:

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 13:43:30 Time Test Ended: 18:46:39

Unit No:

Martine Salinas

Interval:

4514.00 ft (KB) To 4605.00 ft (KB) (TVD)

Reference Elevations:

2657.00 ft (KB)

Total Depth:

4605.00 ft (KB) (TVD)

2652.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8959 Press@RunDepth: Inside

psig @

4515.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.04

End Date:

2019.10.04

Last Calib .: Time On Btm: 2019.10.04

Start Time:

11:51:01

End Time:

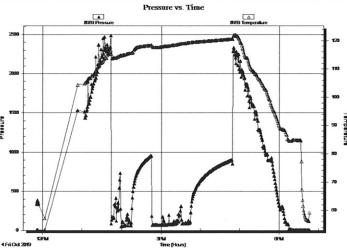
18:46:30

Time Off Btm:

TEST COMMENT: 30-IF-Surface blow built to 4"

30-ISI-No blow back

30-FF-Surface blow built to 7" 30-FSI-No blow back



		PI	RESSUR	RE SUMMARY
Temperature	Time (Min.)	Pressure (psig)	RESSUR Temp (deg F)	RE SUMMARY Annotation

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOSM 15%G, 3%O, 82%M	0.62
30.00	CGO 30%G, 70%O	0.42
* Recovery from r	nultiple tests	

Gas Ra	tes	
Obele (inches)	December (coin)	C D-1

Choke (inches) Pressure (psig)

Trilobite Testing, Inc

Ref. No: 65563



TOOL DIAGRAM

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65563

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2019.10.04 @ 11:51:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4392.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 61.61 bbl 2.75 inches Volume:

0.00 bbl

Tool Weight:

2500.00 lb

Drill Collar:

117.00 ft Diameter:

2.25 inches Volume:

0.58 bbl

Weight set on Packer: 25000.00 lb Weight to Pull Loose: 60000.00 lb

Length:

23.00 ft

Total Volume:

Tool Chased

0.00 ft

Drill Pipe Above KB: Depth to Top Packer:

4514.00 ft

62.19 bbl

Depth to Bottom Packer:

ft

String Weight: Initial 53000.00 lb Final 53000.00 lb

Interval between Packers: 91.00 ft Tool Length:

119.00 ft

2 Diameter:

6.75 inches

Number of Packers: Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4491.00		
Hydraulic tool	5.00	1113		4496.00		
Jars	5.00	01-07		4501.00		
Safety Joint	3.00	-001		4504.00		
Packer	5.00			4509.00	28.00	Bottom Of Top Packer
Packer	5.00			4514.00		
Stubb	1.00			4515.00		
Recorder	0.00	8959	Inside	4515.00		
Recorder	0.00	8734	Outside	4515.00		
Perforations	20.00			4535.00		
Change Over Sub	1.00			4536.00		
Drill Pipe	63.00			4599.00		
Change Over Sub	1.00			4600.00		
Bullnose	5.00			4605.00	91.00	Bottom Packers & Anchor

Total Tool Length:

119.00

Trilobite Testing, Inc

Ref. No: 65563



FLUID SUMMARY

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65563

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2019.10.04 @ 11:51:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36.5 deg API

Mud Weight:

9.00 lb/gal

Cushion Length: Cushion Volume: ft bbl Water Salinity:

ppm

Viscosity: Water Loss: 64.00 sec/qt 7.79 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: Salinity: Filter Cake:

ohm.m 3500.00 ppm

1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	GOSM 15%G, 3%O, 82%M	0.617
30.00	CGO 30%G, 70%O	0.421

Total Length:

150.00 ft

Total Volume:

1.038 bbl

0

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location: Serial#:

Laboratory Name:

Recovery Comments: Gravity of oil = 36.5 @ 60 degs

Severe plugging throughout the flow periods

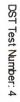
Trilobite Testing, Inc

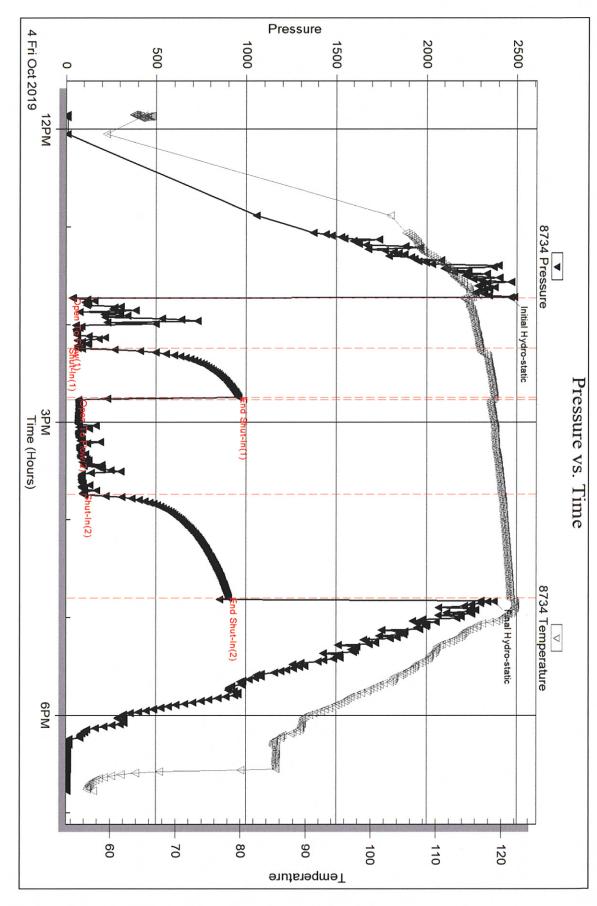
Ref. No: 65563

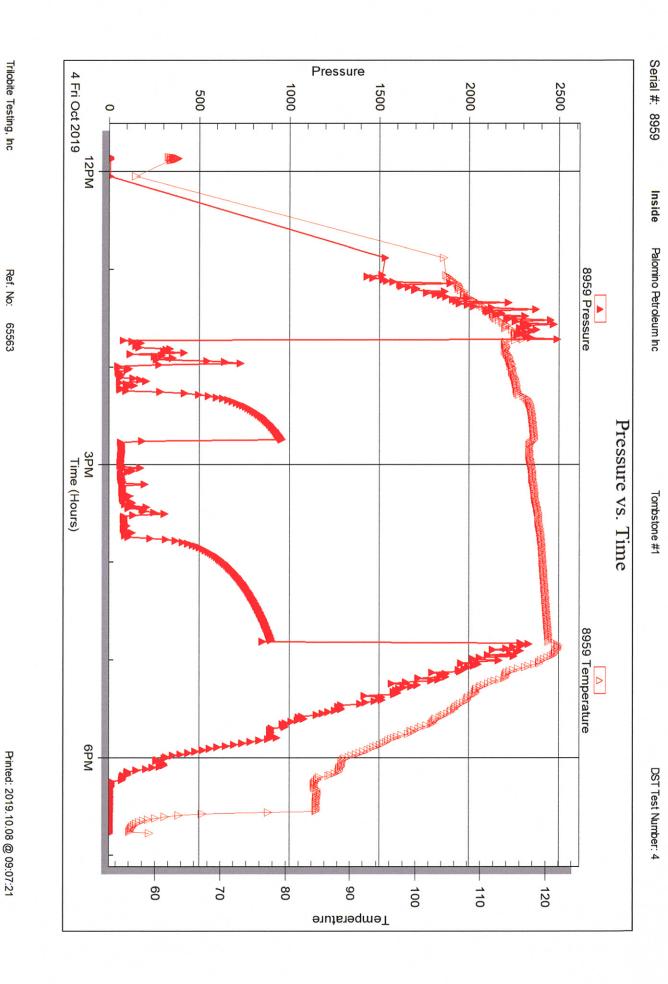


Printed: 2019.10.08 @ 09:07:21

Serial #: 8734







Ref. No:

65563



Prepared For:

Palomino Petroleum Inc

4924 SE 58th St Newton, KS 67114

ATTN: Andrew Stenzel

Tombstone #1

32-16S-26W Ness,KS

Start Date: 2019.10.05 @ 10:35:00

End Date: 2019.10.05 @ 16:51:30

Job Ticket #: 65564

DST#: 5

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



Palomino Petroleum Inc.

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65564

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2019.10.05 @ 10:35:00

GENERAL INFORMATION:

Time Tool Opened: 12:26:50

Time Test Ended: 16:51:30

Formation:

Miss

Deviated:

Interval:

No

Whipstock:

ft (KB)

Test Type: Conventional Straddle (Reset)

Tester:

Martine Salinas

Unit No:

Reference Elevations:

2657.00 ft (KB) 2652.00 ft (CF)

Total Depth: Hole Diameter: 4695.00 ft (KB) (TVD) 7.88 inches Hole Condition: Good

4604.00 ft (KB) To 4624.00 ft (KB) (TVD)

KB to GR/CF:

5.00 ft

Serial #: 8734 Press@RunDepth: Outside

309.31 psig @

4604.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.05

End Date:

2019.10.05

Last Calib .:

2019.10.05

Start Time:

10:35:01

End Time:

16:51:30

Time On Btm:

2019.10.05 @ 12:26:30

Time Off Btm:

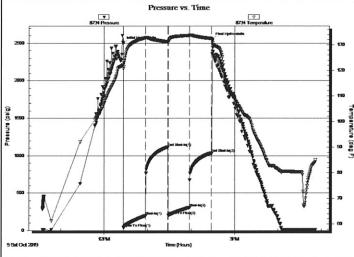
2019.10.05 @ 14:29:00

TEST COMMENT: 30-IF-1/2" blow built to B.O.B (11 inches) @ 9 mins (blow increased to 28 1/2")

30-ISI-No blow back

30-FF-Surface blow built to B.O.B (11 inches) @ 15 mins (blow increased to 20")

30-FSI-No blow back



PRESSURE SUMMARY					
	Annotation	Temp	Pressure	Time	
	1	(deg F)	(psig)	(Min.)	
	Initial Hydro-static	122.23	2501.24	0	
	Open To Flow (1)	121.56	39.70	1	
	Shut-In(1)	132.69	197.89	31	
	End Shut-In(1)	131.10	1114.59	62	4
	Open To Flow (2)	130.75	203.58	62	edine.
	Shut-In(2)	133.62	309.31	92	reture
	End Shut-In(2)	132.43	1037.31	122	û
	Final Hydro-static	131.38	2549.73	123	J
)		
	Open To Flow (1) Shut-In(1) End Shut-In(1) Open To Flow (2) Shut-In(2) End Shut-In(2)	121.56 132.69 131.10 130.75 133.62 132.43	39.70 197.89 1114.59 203.58 309.31 1037.31	1 31 62 62 92 122	Temperature (deg F)

Recovery

Length (ft)	Description	Volume (bbl)	
620.00	MSW 4%M, 96%W	7.63	

Gas Rales				
 	I			

Con Potos

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

Trilobite Testing, Inc

Ref. No: 65564



Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65564

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2019.10.05 @ 10:35:00

GENERAL INFORMATION:

Time Tool Opened: 12:26:50

Time Test Ended: 16:51:30

Formation:

Miss

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Straddle (Reset)

Tester:

Martine Salinas

Unit No:

Reference Elevations:

2657.00 ft (KB)

4604.00 ft (KB) To 4624.00 ft (KB) (TVD)

Interval: Total Depth:

4695.00 ft (KB) (TVD)

2652.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8959 Press@RunDepth: Inside

psig @

4604.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.05

End Date:

2019.10.05

Last Calib .: Time On Btm: 2019.10.05

Start Time:

10:35:01

End Time:

16:51:30

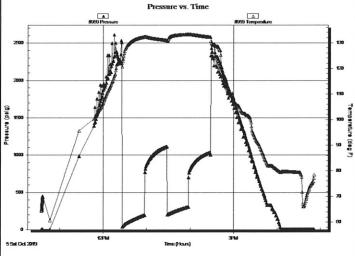
Time Off Btm:

TEST COMMENT: 30-IF-1/2" blow built to B.O.B (11 inches) @ 9 mins (blow increased to 28 1/2")

30-ISI-No blow back

30-FF-Surface blow built to B.O.B (11 inches) @ 15 mins (blow increased to 20")

30-FSI-No blow back



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

Recovery

Length (ft)	Description	Volume (bbl)
620.00	MSW 4%M, 96%W	7.63
* Recovery from r	nultiple tests	•

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

Trilobite Testing, Inc

Ref. No: 65564



Palomino Petroleum Inc.

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65564

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2019.10.05 @ 10:35:00

GENERAL INFORMATION:

Formation:

Miss

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Straddle (Reset)

Time Tool Opened: 12:26:50

Tester: Unit No: Martine Salinas

Interval:

Time Test Ended: 16:51:30

2657.00 ft (KB)

Total Depth:

4604.00 ft (KB) To 4624.00 ft (KB) (TVD)

Reference Elevations:

2652.00 ft (CF)

4695.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

82

5.00 ft

Serial #: 8520 Press@RunDepth: Below (Straddle)

psig @

4624.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2019.10.05

End Date:

2019.10.05

Last Calib .: Time On Btm: 2019.10.05

Start Time:

10:35:01

End Time:

16:51:30

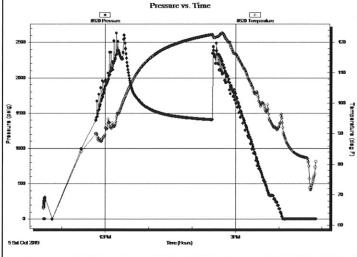
Time Off Btm:

TEST COMMENT: 30-IF-1/2" blow built to B.O.B (11 inches) @ 9 mins (blow increased to 28 1/2")

30-ISI-No blow back

30-FF-Surface blow built to B.O.B (11 inches) @ 15 mins (blow increased to 20")

30-FSI-No blow back



	PI	RESSUR	RE SUMMARY	
Time	Pressure	Temp	Annotation	1
(Min.)	(psig)	(deg F)		
				١
				I
				l
				l
				١
				١
				١
				١
				١
				١
				l
				١
		Time Pressure	Time Pressure Temp	

Recovery

Length (ft)	Description	Volume (bbl)
620.00	MSW 4%M, 96%W	7.63
* Recovery from r	nultiple tests	•

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 65564



TOOL DIAGRAM

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1 Job Ticket: 65564

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2019.10.05 @ 10:35:00

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4488.00 ft Diameter:

0.00 ft Diameter: Length: 117.00 ft Diameter:

3.80 inches Volume: 62.95 bbl 2.75 inches Volume: 0.00 bbl 2.25 inches Volume: 0.58 bbl

Tool Weight: Weight set on Packer: 25000.00 lb Weight to Pull Loose: 62000.00 lb

2500.00 lb

Drill Pipe Above KB:

29.00 ft

Total Volume: 63.53 bbl Tool Chased

0.00 ft

Depth to Top Packer: Depth to Bottom Packer: 4694.00 ft

4604.00 ft

String Weight: Initial 54000.00 lb

Final 58000.00 lb

Interval between Packers: 90.00 ft Tool Length:

118.00 ft

Number of Packers: 3 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			4581.00		
Hydraulic tool	5.00	1113		4586.00		
Jars	5.00	01-07		4591.00		
Safety Joint	3.00	-001		4594.00		
Packer	5.00			4599.00	28.00	Bottom Of Top Packer
Packer	5.00			4604.00		
Recorder	0.00	8959	Inside	4604.00		
Recorder	0.00	8734	Outside	4604.00		
Perforations	14.00			4618.00		
Blank Off Sub	1.00			4619.00		
Packer - Shale	5.00			4624.00		
Recorder	0.00	8520	Below	4624.00		
Change Over Sub	1.00			4625.00		
Drill Pipe	63.00			4688.00		
Change Over Sub	1.00			4689.00		
Bullnose	5.00			4694.00	90.00	Bottom Packers & Anchor
Total Tool Length	. 118.00					

Total Tool Length:

118.00

Trilobite Testing, Inc

Ref. No: 65564



FLUID SUMMARY

Palomino Petroleum Inc

32-16S-26W Ness,KS

4924 SE 58th St New ton, KS 67114 Tombstone #1

Job Ticket: 65564

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2019.10.05 @ 10:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length: Cushion Volume: ft bbl Water Salinity: 22000 ppm

Viscosity: Water Loss: 54.00 sec/qt 7.77 in³

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity:

ohm.m

Salinity: Filter Cake: 4500.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft Description Volume bbl 7.631 620.00 MSW 4%M, 96%W

Total Length:

620.00 ft

Total Volume:

7.631 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

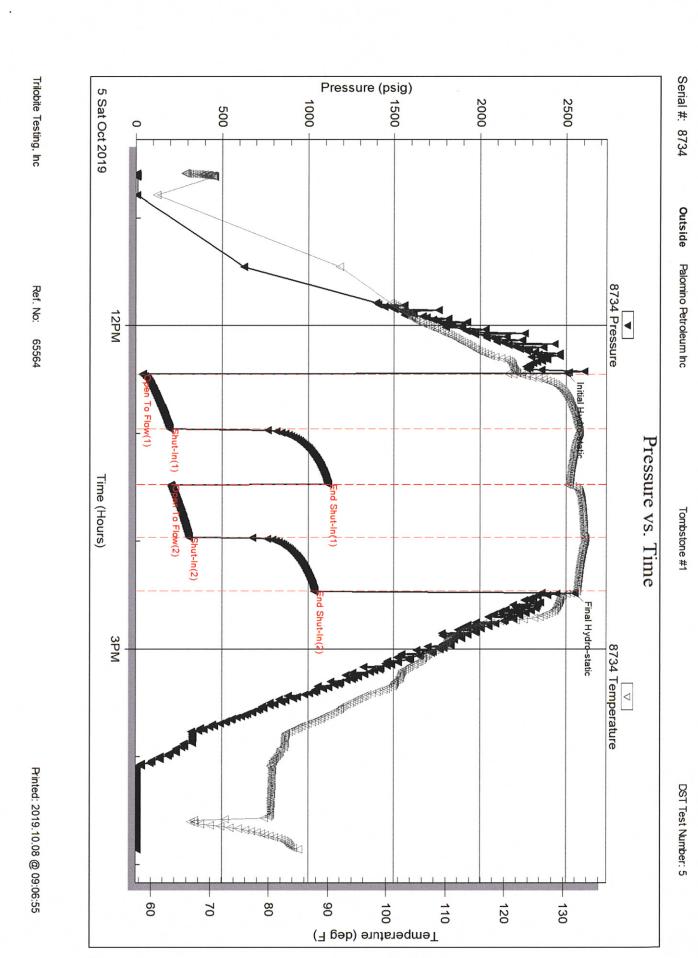
Laboratory Name:

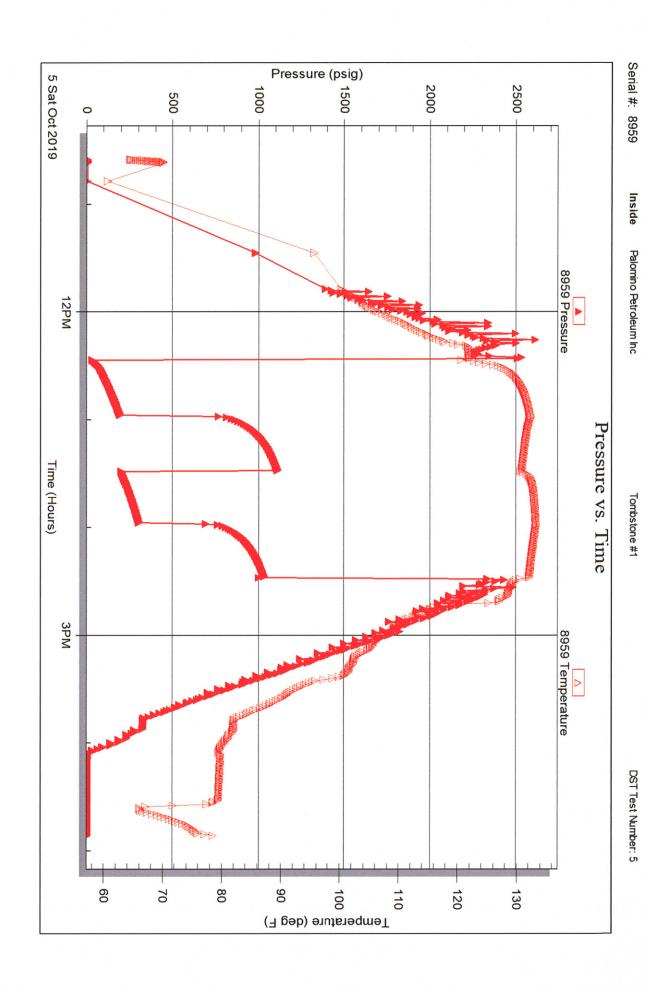
Laboratory Location:

Recovery Comments: RW = .230 @ 96 degs = 22,000PPM

Trilobite Testing, Inc

Ref. No: 65564

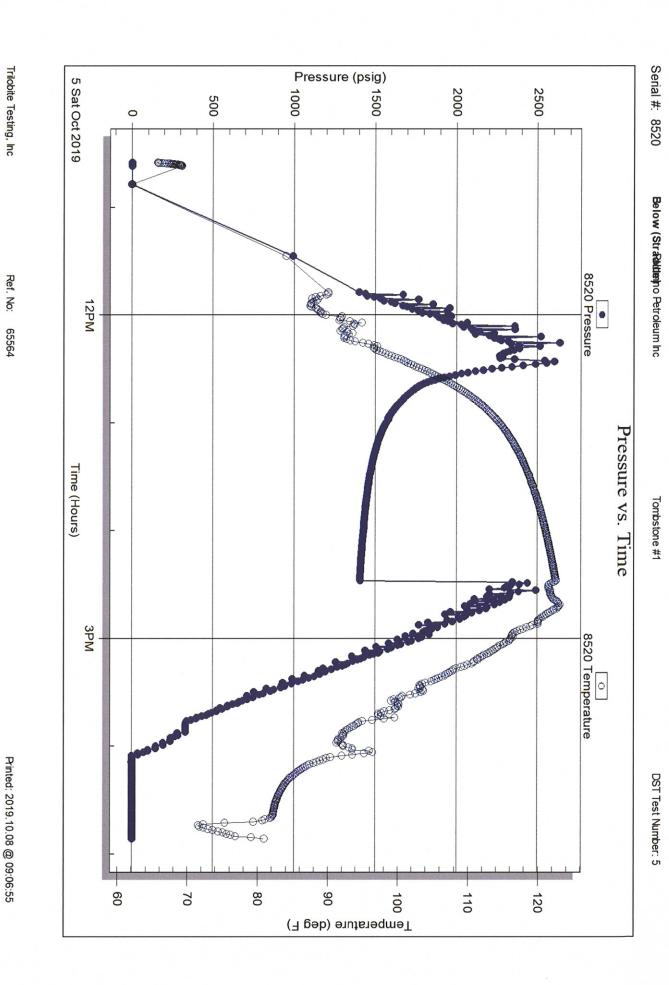




Trilobite Testing, Inc

Ref. No:

65564





Test Ticket

NO. 65560

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Tombstone #	Annual Control of Cont	Test No	1	Date 10-1-19	
company Palomino Petrole	m Inc	Elevation _	3657	KB_2652	GL
Address 4924 SE 84 5					
Co. Rep/Geo. Andrew Stones		Rig WW	#2		
Location: Sec. 32 Twp 16				State KS	
Interval Tested 4110 - 4179		ted LKC H-I			-
Anchor Length 69		Run <u>3984</u>		Mud Wt. 9. 1	and the same of th
	enteres and the second	rs Run <u>//7</u>		VIs <u>S</u>	
Top Packer Depth 4105.		Run		53	
Bottom Packer Depth 4160					
Total Depth 9179		4500			\
Blow Description IF . 14" blow b					
	K@ 2 mins built			[410	
The state of the s	built to B.O.BCILIAC		ow incresce	d ho Dx 79 1	
	ASAST built to			2	
Rec 60 Feet of G.Sow		.30 %gas	5 %oil		40 %mud
Rec 185 Feet of GSWA		40 %gas	23 %oil		22 %mud
Rec 55 Feet of CC70		30 %gas	70 %oil	%water	%mud
Rec Feet of 900'	GIP	%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 300 BHT	119 Gravity 37	0 API RW. 250	@ 56.0°	F Chlorides <u>38,00</u> 0	Oppm
(A) Initial Hydrostatic 2075	XX Test	1300	T-On L	ocation //:30	
(B) First Initial Flow 32	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	250		ted <u>/3:08</u>	-1
(C) First Final Flow(OO	Safety Jo	int75	-	n_/5:22	
(D) Initial Shut-In	Circ Sub			ed <u>18: 22</u>	
(E) Second Initial Flow 100	O Hourly S	andby		20:45	
(F) Second Final Flow148	X Mileage	/W RT 100		nents Some Schem	
(G) Final Shut-In	0110			TFP	
(H) Final Hydrostatic 2014				M Tool	
		cker		uined Shale Packer	
Initial Open 30		ker		uined Shale racker	
Initial Shut-In 38		corder		tra Copies	
Final Flow 60		dby		otal0	
Final Shut-In 60		ility		1725	
	Sub Total_	1725		ST Disc't	
Approved By		Our Representativ	,	blines	
			- market and the state of		and the same of th

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.



Test Ticket

NO. 65561

1515 Commerce Parkway - Hays, Kansas 67601

alo speak						
Well Name & No. Tombstone #1			_ Test No 2		Date <u>10-2-19</u>	
company Palomino Petrole	um Inc		Elevation 2657		кв <i>2652</i>	GL
Address 4924 SE 845 St						
Co. Rep/Geo. Andrew Stenze	,					
Location: Sec. 32 Twp 19					State <u>K5</u>	
Interval Tested 4178 - 4214		Zone Tested	: "J"			
Anchor Length_36		Drill Pipe Run 40	47		Mud Wt. 9.2	
Top Packer Depth 4173		Drill Collars Run 1	17		VIs <u>55</u>	
Bottom Packer Depth 4178		Wt. Pipe Run	•		WL 7.8	
Total Depth 4214		Chlorides 45W	ppm Sy	stem	LCM 2#	
Blow Description IF . S. blow bai	1+ to 1"					
ISI·5. blowback		Expansion)				
FF . No blow				H		
FSI. No blow						
Rec 20 Feet of Mad			%gas	%oil	%water / 00	%mud
Rec 6 Feet of Oil Sp.	ots in tool		%gas	%oil	%water	%mud
Rec Feet of			%gas	%oil	%water	%mud
Rec Feet of			%gas	%oil	%water	%mud
Rec Feet of			%gas	%oil	%water	%mud
Rec Total 20 BHT	//4 Gr	avity AF	PI RW@	F	Chlorides	ppn
(A) Initial Hydrostatic_2161	>	Test1300			ocation 04:20	
(B) First Initial Flow28		Jars 250		T-Start	ed 04:25	
(C) First Final Flow		Safety Joint 75		T-Oper	07:06	
(D) Initial Shut-In		Circ Sub	· A	T-Pulle	d 09:06	
(E) Second Initial Flow33		Hourly Standby		T-Out	10:28	
(F) Second Final Flow35		Mileage 100 RT		Comm	ents	
(G) Final Shut-In		Sampler			and the desire of the second s	
(H) Final Hydrostatic <u>2080</u>		Straddle		0 5	/I Tool	
		Shale Packer			ined Shale Packer	
Initial Open 30		Extra Packer				
initial Shut-In 30		Extra Recorder			ined Packertra Copies	
Final Flow 30		Day Standby			otal	
Final Shut-In 30		Accessibility		Total_		
		ub Total 1725			ST Disc't	
Approved By		-	enresentative 1 h		6/1	

RILOBITE ESTING INC. 1515 Commerce Parkway

Test Ticket

NO.

65562

ESTING INC. 1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Tomb Stane #		Date <u>10-2-19</u>
	Toc Elevation 2657	KB_2652 GL
Address 4924 SE 84th St. N		
Co. Rep/Geo. Andrew Stenzel	Rig WW#2	
Location: Sec. <u>32</u> Twp <u>165.</u>	Rga. <u>26w.</u> Co. <u>Nest</u>	State K5
Interval Tested <u>4238-4278</u>	Zone Tested LICC'L"	
Anchor Length 40'	Drill Pipe Run 4110	Mud Wt. <u>9.3</u>
Top Packer Depth 42.33	Drill Collars Run 117	Vis <u>72</u>
Bottom Packer Depth 4238	Wt. Pipe Run	WL 7.8
Total Depth <u>4278</u>	Chlorides 4300 ppm System	n LCM <u>6#</u>
Blow Description IF . S. blow built	- to 2"	
ISI · No blowback		
FF . S. blow @ 4m	ins built to I"	
FSI · No blowback		
Rec 40 Feet of OSM	%gas 5 %	oil %water 95 %mu
Rec O Feet of Heavy oil	Sputs in tool %gas %	oil %water %mu
RecFeet of	%gas %	oil %water %mu
Rec Feet of	%gas %	oil %water %mu
Rec Feet of	%gas %	oil %water %mu
Rec Total 4() BHT //	7 Gravity API RW@	F Chloridesppr
(A) Initial Hydrostatic 22/4	X Test 1300 T-0	On Location 20:00
(B) First Initial Flow 28	X Jars 250 T-s	Started 22:19
(C) First Final Flow 4.3	X Safety Joint 75	Open
(D) Initial Shut-In 963	G CIIC SUD	Pulled 02:43
(E) Second Initial Flow 61	U Hourly Standby	Out 02:30
(F) Second Final Flow 47	Mileage 100 RT 100	omments
(G) Final Shut-In 642	□ Sampler	
(H) Final Hydrostatic 2100	D 0:- 11	I EM Tool
		EM Tool
Initial Open 35		Ruined Packer
Initial Shut-In 30		Extra Copies
Final Flow 30		
Final Shut-In 30		ub Total 0 otal 1725
	470.5	P/DST Disc't
Approved By	Our Representative Lautin	
	Juli Topioodiliumo I Alliano	

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.



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Test Ticket

NO. 65563

410						Approximation of the last of t
Well Name & No. Tombstone H	Total Control of Contr		Test No.	4	Date <u>10 -4 -19</u>	
Company Palomina Petroles			Elevation	2657	KB 2652	GL
Address 4924 SE 84th St		KS 67114				
Co. Rep/Geo. Antrew Stenzo	1			J#a		
Location: Sec. 32 Twp					State K5	
Interval Tested 45/4 - 4605		Zone Tested M				
Anchor Length 91		Drill Pipe Run 4		***************************************	Mud Wt. <u>9, 4</u>	
Top Packer Depth 4509		Drill Collars Run			Vis <u>64</u>	
Bottom Packer Depth 45 14		Wt. Pipe Run			WL 7.8	
Total Depth 4605		Chlorides 3.50			LCM /#	
Blow Description IF - S. blow b	: 14 4 4"			_ppiii oysteiii	LOW 11-	
ISI · No blow						
FF · S. blow t		b		A. C.	***************************************	
FSI · No blow				ragram posterior referenciente de la completa que de la completa del la completa de la completa del la completa de la completa del la completa de la completa de la completa del la completa de la completa de la completa del la completa del la completa del la completa del la co	PROPERTY OF THE PROPERTY OF TH	
Rec 6 120 Feet of 60			/5 %gas	3 %oil	%waler 82	%mud
Rec 30 Feet of GC			ිට %gas	70 %oil	%water	%mu
Rec Feet of			%gas	%oil	%water	%mu
Rec Feet of			%gas	%oil	%water	%mud
Rec Feet of			%gas	%oil	%water	%mud
Rec Total 150 BI		Gravity 36.5				ppn
(A) Initial Hydrostatic 2465		№ Test 1300			Location 11.'40	
(B) First Initial Flow 34		Jars 250			ted _//.5/	
(C) First Final Flow66		Safety Joint 75	5		n_/3.43	
(D) Initial Shut-In	959	☐ Circ Sub			ed 16:43	
(E) Second Initial Flow69		☐ Hourly Standby _		T-Out	18:47	
(F) Second Final Flow 95	The state of the s	Mileage 100 R			nents Severe plugging	
(G) Final Shut-In	903	Cl Sampler		the	oughout the flow pe	rind5
(H) Final Hydrostatic 2374		Straddle		***************************************		
		☐ Shale Packer			M Tool	
Initial Open 3		☐ Extra Packer			uined Shale Packer	
Initial Shut-In 30	The second secon	☐ Extra Recorder _			uined Packer	
Final Flow 60	1	Day Standby			ktra Copies otal0	
Final Shut-In 60		Accessibility			1707	
		Sub Total 1725			OST Disc't	
Approved By	The second secon		Representati		111	



Test Ticket

NO.

65564

Well Name & No. Tombskyno # 1	Test No5_	Date 10-5-19
Company Palomina Petroleum I	Elevation 265	57кв <u>2652</u> gl
Address 4924 SE 84th St. No.	wton, KS 67114	
Co. Rep/Geo. Andrew Stanzel	Rig NW Ha	2
Location: Sec. 32 Twp LGS.	Rged/6W. Co. Nr.55	State KS.
Interval Tested 4604 - 4624	Zone Tested M/55.	
Anchor Length 20 7117		
Top Packer Depth 4599 - 4664	Drill Collars Run 117	Vis <u>51</u>
Bottom Packer Depth 4624 (Swale)		WL <u>8.0</u>
Total Depth 4695	Chlorides 3600 ppm	System LCM 1#
Blow Description IF . 1/2" blow built to	O. B. D. B(Hinches) @ 9 mins (blow inc	cleased to 281/2")
IST . No blowback		
FF . S. blow built	to B.O. B(Hinches)@15 Mins (blow in	created to 20")
FSI · No blowback	1	
Rec 620 Feet of MSW	%gas	%oil 92 %water 4 %mud
Rec Feet of	%gas	%oil %water %muc
Rec Feet of	%gas	%oil %water %mud
Rec Feet of	%gas	%oil %water %mud
Rec Feet of	%gas	%oil %water %muc
Rec Total 626 BHT 131	Gravity API RW # 235 @	96 °F Chlorides 22(0x) ppn
(A) Initial Hydrostatic 2501	XA Test1300	T-On Location 07:15
(B) First Initial Flow 40	X Jars 250	T-Started
(C) First Final Flow 198	Safety Joint 75	T-Open_[2,727]
(D) Initial Shut-In 1115	Circ Sub	T-Pulled 14:27
(E) Second Initial Flow 204	☐ Hourly Standby	T-Out [K:5]
(F) Second Final Flow369	Mileage 100 RT. 100	Comments Tools loaded@
(G) Final Shut-In 1037		· 18.00
(H) Final Hydrostatic <u>2550</u>	Straddle 250	
	Shale Packer 250	
Initial Open 30	, ,	
Initial Shut-In 30	Extra Recorder	
Final Flow 30		
Final Shut-In 3	Accessibility	- 2225
	Sub Total 2225	MP/DST Disc't
Approved By	Our Representative	het Salen
Tritobite Testing Inc. shall not be liable for damaged of any kind of the	ne property or personnel of the one for whom a test is made, or for any loss y test, tools lost or damaged in the hole shall be paid for at cost by the par	s suffered arsustained, directly or indirectly, through the use of its



(785) 798-3400

Andrew Stenzel Geologist

Ness City, Kansas



[785] 798-5977

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

Well Name: Tombstone #1

API: 15-135-26083-00-00

Location: SW-SE-NW-NE Sec. 32-16S-26W (Ness County)

License Number: 30742

Region: KANSAS Drilling Completed: 10/6/19 Spud Date: 9/26/19

Surface Coordinates: 1247' FNL & 1750' FEL

Bottom Hole

Coordinates:

Ground Elevation (ft): 2652 K.B. Elevation (ft): 2657 Logged Interval (ft): 2500 To: TD Total Depth (ft): 4695

Formation: MISSISSIPPIAN Type of Drilling Fluid: Mud-Co Chemical

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

OPERATOR

Company: Palomino Petroleum, Inc.

Address: 4924 SE 84th St.

Newton, KS 67114

GEOLOGIST

Name: Andrew Stenzel Company: Petroleum Geologist Address: 501 S. Franklin

Ness City, KS 67560

Drilling Report

DAILY DRILLING REPORT:

9/26/19 MIRU, ran surface casing

9/27/19 Waiting on cement

9/28/19 Drilling @ 1861'

9/29/19 Drilling @ 2945'

9/30/19 Drilling @ 3640'

10/1/19 DST #1

10/2/19 DST #2

10/3/19 DST #3, tripping in with bit after DST #3

10/4/19 Circulating for samples at 4598', DST #4

10/5/19 Ran electric logs, DST #5

10/6/19 Ran production casing

Services

RIG: Murfin Drilling, DBA WW Drilling, Rig #102

MUD: MUDCO

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

Casing Record

SURFACE Casing: Ran 5 jts new 8 5/8", 23# casing @ 220'

PRODUCTION Casing: Ran 110 jts used 5 1/2", 14# casing @ 4691'.

Formation Tops

Sample To	pps	LogTops	
Anhy.	2067 (+590)	Anhy.	2065 (+592)
Base Anhy.	2099 (+558)	Base Anhy.	2096 (+561)
Topeka	3662 (-1005)	Topeka	3660 (-1003)
Heebner	3919 (-1262)	Heebner	3918 (-1261)
Lansing	3958 (-1301)	Lansing	3959 (-1302)
Stark Sh	4210 (-1553)	Stark Sh	4208 (-1551)
BKC	4276 (-1619)	BKC	4270 (-1613)
Pawnee	4404 (-1747)	Pawnee	4406 (-1749)
Ft. Scott	4468 (-1811)	Ft. Scott	4468 (-1811)
Cher. Sh.	4495 (-1838)	Cher. Sh.	4493 (-1836)
Miss.	4576 (-1919)	Miss.	4576 (-1919)
RTD	4695 (-2038)	LTD	4695 (-2038)



Palomino Petroleum Inc

4924 SE 58th St New ton, KS 67114

32-16S-26W Ness,KS

Tombstone #1

Job Ticket: 65560

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2019.10.01 @ 13:08:00

GENERAL INFORMATION:

Time Tool Opened: 15:21:00

Time Test Ended: 20:44:00

Formation:

LKC "H-1"

Deviated:

No

Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Martine Salinas

Unit No:

82

4110.00 ft (KB) To 4179.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

Reference Bevations:

2657.00 ft (KB)

2652.00 ft (CF)

Hole Diameter:

4179.00 ft (KB) (TVD)

KB to GR/CF:

5.00 ft

Serial #: 8734

Interval: Total Depth:

Outside

148.19 psig @ Press@RunDepth:

4111.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2019.10.01 13:08:01

End Date: End Time:

2019.10.01 20:44:00 Last Calib .: Time On Btm:

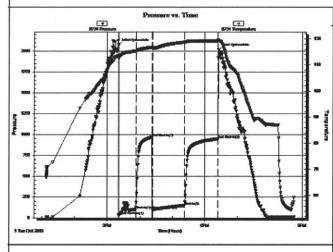
2019.10.01 2019.10.01 @ 15:20:50

Time Off Btm:

2019.10.01 @ 18:25:39

TEST COMMENT: 30-IF-1/4" blow built to B.O.B(11 inches) @ 20 mins (blow increased to 19 1/2") 30-ISI-S.blow back @ 2 mins built to 1/4" @ 15 mins & decreased to surface blow 60-FF-1/2" blow built to B.O.B(11 inches) @ 10 mins (blow increased to 52 3/4")

60-FSI-S.blow back ASASI built to 7"



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation	
(Mn.)	(psig)	(deg F)	20023-00-00-00-00-00-00-00-00-00-00-00-00-00	
0	2074.63	113.55	Initial Hydro-static	
1	32.12	112.58	Open To Flow (1)	
31	100.30	115.30	Shut-in(1)	
61	966.24	116.66	End Shut-In(1)	
63	99.71	116.37	Open To Flow (2)	
122	148.19	118.67	Shut-In(2)	
184	947.76	119.21	End Shut-In(2)	
185	2013.68	119.28	Final Hydro-static	

Recovery

	6OWM 30%G,5%O,25%W,40%M 6WMO 40%G,15%W,22%M,23%O	0.30
185.00 GS	MAMAC 400/ C 150/14/200/ M 220/ C	
	10 10 10 10 10 10 10 10 10 10 10 10 10 1	2.08
55.00 CC	O 30%G, 70%O	0.77
0.00 90	O' GIP	0.00

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcfd)

Trilobite Testing, Inc.

Ref. No: 65560



Palomino Petroleum Inc

4924 SE 58th St New ton, KS 67114 32-16S-26W Ness,KS

Tombstone #1

Job Ticket: 65561

DST#:2

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 04:25:00

GENERAL INFORMATION:

Time Tool Opened: 07:06:10

Time Test Ended: 10:57:30

Formation:

LKC "J"

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Martine Salinas

Unit No: 82

Interval:

4178.00 ft (KB) To 4214.00 ft (KB) (TVD)

Total Depth:

4214.00 ft (KB) (TVD)

Reference Bevations:

2657.00 ft (KB)

2652.00 ft (CF)

Hole Diameter:

7.88 inchesHole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8734 Press@RunDepth: Outside

34.81 psig @

4179.00 ft (KB)

2019.10.02 Last Calib .:

Capacity:

8000.00 psig

Start Date: Start Time:

2019.10.02 04:25:01

End Date: End Time:

10:57:30

Time On Btm:

2019.10.02 2019.10.02 @ 07:06:00

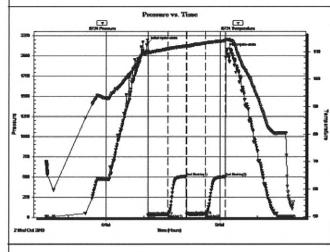
Time Off Btm:

2019.10.02 @ 09:10:30

TEST COMMENT: 30-IF-Surface blow built to 1"

30-ISI-Surface blow back

30-FF-No blow 30-FSI-No blow



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Mn.)	(psig)	(deg F)	
0	2161.32	110.08	Initial Hydro-static
1	27.52	109.33	Open To Flow (1)
33	37.34	111.04	Shut-in(1)
62	507.06	112.07	End Shut-In(1)
62	33.41	111.91	Open To Flow (2)
92	34.81	113.15	Shut-In(2)
123	502.33	114.01	End Shut-In(2)
125	2079.78	114.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbi)
20.00	100% Mud	0.10
0.00	Oil spots in tool	0.00
Recoveryfrom	willful a tosts	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcfd)

Trilobite Testing, Inc.

Ref. No: 65561



Palomino Petroleum Inc

New ton, KS 67114

4924 SE 58th St

Tombstone #1

Job Ticket: 65562

32-16S-26W Ness,KS

DST#:3

ATTN: Andrew Stenzel

Test Start: 2019.10.02 @ 22:19:00

GENERAL INFORMATION:

Formation:

LKC "L"

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset) Tester:

Unit No:

Martine Salinas

Time Tool Opened: 00:42:50 Time Test Ended: 05:19:50

4238.00 ft (KB) To 4278.00 ft (KB) (TVD)

Interval: Total Depth: Hole Diameter:

4278.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

Reference Bevations:

2657.00 ft (KB)

KB to GR/CF:

82

2652.00 ft (CF) 5.00 ft

Serial #: 8734 Press@RunDepth: Outside

47.07 psig @

4239.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2019.10.02 22:19:01 End Date: End Time: 2019.10.03 05:19:50 Last Calib .: Time On Btm:

2019.10.03 2019.10.03 @ 00:42:40

Time Off Btm:

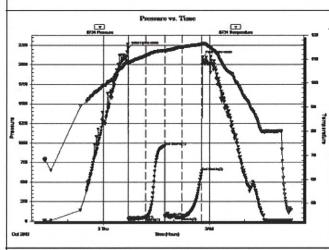
2019.10.03 @ 02:48:20

TEST COMMENT: 30-IF-Surface blow built to 2"

30-ISI-No blow back

30-FF-Surface blow built to 1"

30-FSI-No blow back



PRESSURE SUMMARY

L	PRESSURE SUMMANT				
T	Time	Pressure	Temp	Annotation	
ı	(Mn.)	(psig)	(deg F)		
١	0	2214.39	109.06	Initial Hydro-static	
١	1	27.63	107.94	Open To Flow (1)	
١	29	43.18	111.35	Shut-In(1)	
1	62	962.85	113.56	End Shut-In(1)	
	62	61.09	113.13	Open To Flow (2)	
	91	47.07	115.04	Shut-In(2)	
	124	641.77	116.17	End Shut-In(2)	
ı	126	2099.97	116.52	Final Hydro-static	
l					
l					
١					
				2	
1					

Recovery

Description	Volume (bbl)
OSM 5%O, 95%M	0.20
Heavy oil spots in tool	0.00
	OSM 5%O, 95%M

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcfd)

Trilobite Testing, Inc.

Ref. No: 65562



Palomino Petroleum Inc

4924 SE 58th St Newton, KS 67114

ATTN: Andrew Stenzel

32-16S-26W Ness,KS

Tombstone #1

Job Ticket: 65563

DST#: 4

Test Start: 2019.10.04 @ 11:51:00

GENERAL INFORMATION:

Time Tool Opened: 13:43:30

Time Test Ended: 18:46:39

Formation:

Miss

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Martine Salinas

Unit No: 82

Interval:

4514.00 ft (KB) To 4605.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4605.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

Reference Bevations:

2657.00 ft (KB)

2652.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 8734 Press@RunDepth: Outside

94.65 psig @

4515.00 ft (KB)

2019.10.04

Capacity:

8000.00 psig

Start Date: Start Time:

2019.10.04 11:51:01 End Date: End Time:

18:46:40

Last Calib .: Time On Btm:

2019.10.04 2019.10.04 @ 13:43:20

Time Off Btm:

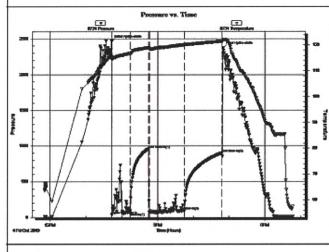
2019.10.04 @ 16:50:00

TEST COMMENT: 30-IF-Surface blow built to 4"

30-ISI-No blow back

30-FF-Surface blow built to 7"

30-FSI-No blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Mn.)	(psig)	(deg F)	
0	2464.57	115.37	Initial Hydro-static
1	34.29	114.21	Open To Flow (1)
31	66.30	116.73	Shut-In(1)
62	958.72	118.98	End Shut-In(1)
63	69.47	118.50	Open To Flow (2)
121	94.65	120.09	Shut-In(2)
185	902.51	121.42	End Shut-In(2)
187	2374.42	122.00	Final Hydro-static
	1		

Recovery

Length (ft)	Description	Volume (bbl)
120.00	GOSM 15%G, 3%O, 82%M	0.62
30.00	OGO 30%G, 70%O	0.42
Recovery from r	multiple tests	

Gas Rates

Choke (inches) Pressure (psig) Gas Rate (Mcfd)

Trilobite Testing, Inc.

Ref. No: 65563



Palomino Petroleum Inc

4924 SE 58th St New ton, KS 67114

32-16S-26W Ness,KS

Tombstone #1

Job Ticket: 65564

DST#:5

Test Start: 2019.10.05 @ 10:35:00

GENERAL INFORMATION:

Formation:

Miss

Deviated: No Time Tool Opened: 12:26:50

Time Test Ended: 16:51:30

ft (KB)

ATTN: Andrew Stenzel

Test Type:

Conventional Straddle (Reset)

Tester:

Martine Salinas 82

Unit No:

Reference Bevations:

2657.00 ft (KB) 2652.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval:

4604.00 ft (KB) To 4624.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

Start Date:

Start Time:

4695.00 ft (KB) (TVD)

Whipstock:

7.88 inchesHole Condition: Good

Serial #: 8734 Press@RunDepth: Outside

309.31 psig @ 2019.10.05

10:35:01

4604.00 ft (KB)

End Time:

End Date:

2019.10.05 16:51:30

Capacity: Last Calib .: 8000.00 psig

2019.10.05

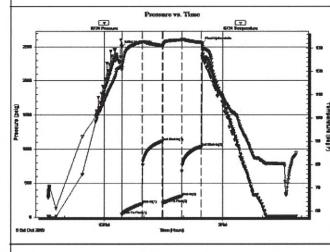
Time On Btm: Time Off Btm: 2019.10.05 @ 12:26:30 2019.10.05 @ 14:29:00

TEST COMMENT: 30-IF-1/2" blow built to B.O.B (11 inches) @ 9 mins (blow increased to 28 1/2")

30-ISI-No blow back

30-FF-Surface blow built to B.O.B (11 inches) @ 15 mins (blow increased to 20")

30-FSI-No blow back



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Mn.)	(psig)	(deg F)	
0	2501.24	122.23	Initial Hydro-static
1	39.70	121.56	Open To Flow (1)
31	197.89	132.69	Shut-In(1)
62	1114.59	131.10	End Shut-In(1)
62	203.58	130.75	Open To Flow (2)
92	309.31	133.62	Shut-In(2)
122	1037.31	132.43	End Shut-In(2)
123	2549.73	131.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	MSW 4%M, 96%W	7.63
Recovery from r	multiple tests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 65564

