

Confidentiality Requested:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1207630

Form ACO-1 August 2013 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. 15
Name:	Spot Description:
Address 1:	Sec TwpS. R East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip:	+ Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workov	Field Name:
	Producing Formation:
	SIOW Elevation: Ground: Kelly Bushing:
Gas D&A ENHR	SIGW Total Vertical Depth: Plug Back Total Depth:
	Temp. Abd. Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	
	If yes, show depth set:
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth: _	
Deepening Re-perf. Conv. to ENHR C	
Plug Back Conv. to GSW C	Conv. to Producer (Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion	Quarter Sec TwpS. R East West
· · ·	etion 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
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	1207630
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated	tail all aaraa Danart all final	appiag of drill stamp tasts giving interval tastad, time task

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She	eets)	Yes No		-	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Name	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth					-	

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Back TD				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

No	(If No, skip questions 2 and 3)
No	(If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify For	RECOF	RD - Bridge F Each Interval I	lugs Set/Typ Perforated	0e	٨		ement Squeeze Record d of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner Ru	un:	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	} .	Producing N	lethod:	ping	Gas Lift	Other <i>(Explain)</i>		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF (GAS:			METHOD		TION:		PRODUCTION INT	ERVAL:
Vented Solo	u 🗌 b	Used on Lease		Open Hole	Perf.	Uually (Submit A	Comp.	Commingled		
(If vented, Su	bmit ACC	D-18.)		Other (Specify)		(SUDINIL /		(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Gantz-Farrell-Holloway 1
Doc ID	1207630

Tops

Name	Тор	Datum
Anhy.	1635	(+ 731)
Base Anhy.	1674	(+ 692)
Heebner	3743	(-1377)
Lansing	3786	(-1420)
Stark Sh.	4036	(-1670)
ВКС	4110	(-1744)
Marmaton	4150	(-1784)
Ft. Scott	4306	(-1940)
Cherokee Sh.	4329	(-1963)
Miss.	4406	(-2040)
LTD	4547	(-2181)



BILL TO

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

APR 0 3 2014

- Acidizing
- Cement
- Tool Rental

TERMS	Well No	o. Lease	County	Contractor	We	ll Type	We	ell Category	Job Purpose	Operator
Net 30	#1	Gantz Ferrell	Ness	WW Drilling		Oil	D	evelopment	Cement LongStri	. Blaine
PRICE	REF.		DESCRIPT	ION		QTY	(UM	UNIT PRICE	AMOUNT
575D 578D-L 403-5 404-5 406-5 409-5 419-5 330 325 284 283 285 276 281 221 290 581D 582D	I S S S S S S S S S S S S S S S S S S S	Mileage - 1 Way Pump Charge - Long 5 1/2" Cement Baske 5 1/2" Port Collar 5 1/2" Latch Down P 5 1/2" Insert Float Sh 5 1/2" Turbolizer 5 1/2" Rotating Head Swift Multi-Density Standard Cement Calseal Salt CFR-1 Flocele Mud Flush Liquid KCL (Clayfix D-Air Service Charge Ceme Minimum Drayage C	t lug & Baffle loe With Auto Rental Standard (MID) ent harge				1 2 1 1 9 1 125 100 5 500 50	Sack(s) Lb(s) Lb(s) Lb(s)	$\begin{array}{c} 6.00\\ 1,500.00\\ 300.00\\ 2,900.00\\ 275.00\\ 375.00\\ 90.00\\ 200.00\\ 18.50\\ 14.50\\ 35.00\\ 0.20\\ 4.50\\ 2.50\\ 1.25\\ 25.00\\ 42.00\\ 2.00\\ 250.00\\ \end{array}$	120.00 1,500.00 600.00T 2,900.00T 275.00T 375.00T 810.00T 2,312.50T 1,450.00T 1,450.00T 125.00T 125.00T 125.00T 126.00T 450.00 250.00 12,718.50 639.51
We Ap	oprec	iate Your E	Business					Tota		\$13,358.01

Thank You!					AL	NUM APPROVAL		SWIFT OPERATOR
		ces listed on this ticket.	ges receipt of the materials and services listed on this ticket.	wledges receipt of th	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowled	DMER ACCEPTANCE OF M	CUSTO	
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AMOUNT	UNIT	QTY. UM	QTY. UM		DESCRIPTION	LOC ACCT DF	SECONDARY REFERENCE/ PART NUMBER	PRICE
				Q	1		INVOICE INSTRUCTIONS	REFERRAL LOCATION
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R R	PAGE				ODE .	CITY, STATE, ZIP CODE	Services, Inc.	Seru
26049	E F Not Anna				Collevino Vetrolevin	ADDRESS		
	TICKET			Y MY YOO CONTRACTOR AND A CALL	UTC UC	CHARGE TO:		2

		58	<u>836</u>								968	اللا	182	276	285	283	384 I	325	330	PRICE SE	Services.	IMIS
																		52 <u>5</u>		SECONDARY REFERENCE/ ACCOUNTING TIME PART NUMBER LOC ACCT DF TIME	Off: 785-798-2300	PO Box 466
	CHARGE TOTAL WEIGH 9/4 LONDED MILES	SERVICE QUARGE	Dray aze Causa)								DUAR	Levid KCL	mudelosh	Florele	CPP-1	Sult	Calsenl		SIND commit	DESCRIPTION	CUERTANDA TO TETALCON	TICKET CONTINUATION
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SWIFT Services, Inc. JOB LOG PATERS WARZ 14 PAGENO. LEASE GANTZ BENTELL Holloway Comment long String customent anno Petroleum TICKET NO. 26040 WELL NO. 1 PRESSURE (PSI) CHART VOLUME (BBL) (GAL) PUMPS RATE (BPM) TIME DESCRIPTION OF OPERATION AND MATERIALS NO. TC TUBING CASING 125 IND cemet w/ 4ª flocele 53×14 Cusing 100 EAZ cement TD= 4547' TOTAL PIPE 4548 Entralizers 1, 2, 3, 5, 7, 8, 10, 12, 68 Btster 2, 69 Post Collar #69. 1555 1672' on loc TPX 114 0530 stand 52" × 14th Casing in Well 0611 Dropball- circulate - ROTATE OBIN Pump 12 bbl midflush Pump 20 bbl KCL Alish Ogio 4 12 200 20 200 Plug RH 305kg Mix SMD convert 955KS @ 12.5 ppg mix EA-2 cent 1005K @ 15:3 ppg 41 4 0915 ZOD 4 24 200 ursh out pup & line Drop latch doen plug isplace plug 6940 (ə 2er 6 1/14 (dt) 1000 lo 110 1500 hand plug Release pressure to truck - drived up 1005 1010 wash teuck RACK up job complete 1045 Blain, Flint, & assed



BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	lo.	Lease	County	Contractor	We	II Туре	We	ell Category	Job Purpose)	Operator
Net 30			Gantz-Farrell	Ness	Cheyenne Well Se		Oil	D	evelopment	Cement 5-1/2" I	P	David
PRICE	REF.			DESCRIPT	ION		QT	Y	UM	UNIT PRICE	,	AMOUNT
575D 576D-D 330 276 290 104 581D 582D		Pun Swi Floe D-A Por Ser Mir	eage - 1 Way np Charge - Port o ift Multi-Density cele Air t Collar Tool Ren vice Charge Cemu imum Drayage C notal es Tax Ness Coun	Standard (MID tal ent 'harge	CON II)			1 170 45 2 1 200	Miles Job Sacks Lb(s) Gallon(s) Each Sacks Each	6.00 1,500.00 18.50 2.50 . 42.00 250.00 250.00 6.15%		90.00 1,500.00 3,145.00T 112.50T 84.00T 250.00T 400.00 250.00 5,831.50 220.88
We A	preciate Your Business!								Tota			\$6,052.38

SWIFT OPERATOR		4-4-14	MUSI BE SIGNED BY CUSTOM START OF WORK OR DELIVERY X JUL L. L.	LIMITED WARRANTY provisions	LEGAL TERMS: Cust the terms and condition	189	581		104	095	276	330	0.%5	575	PRICE	REFERRAL LOCATION		2.	SERVICE LOCATIONS 1. June 1955 C. 14 145	Services,		NS
build thuching	CUSTOM	1030	MUST DE SIGNED BY CUSTOMER OR CLISTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS X JULA UL	LIMITED WARRANTY provisions.	LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include,		ny the resource story of the states of the story and a state story of the States of the story of			na Principa Managamana Angela Angela Nana Angela Nana Angela Nana Angela Nana Angela Nana Angela Nana Angela Na	ne men en e				SECONDARY REFERENCE/ PART NUMBER	INVOICE INSTRUCTIONS	Q		WELL/PROJEC	es, Inc.		FT
APPROVAL	ER ACCEPTANCE OF M	SC I	new dependence	NUEMMILY, and	es and agrees to por which include,							ennakana ver			LOC ACCT DF	ner van en en de fan in de fan en	0	Chorenne W	O. LEASE	CITY, STATE, ZIP CODE	ADDRESS	ГO:
AL.	ATERIALS AND SERVICE	785-7	P.O. I	SWIFT SF	REMIT P/	Minimum 1	Service C		Port Collar	D-Air	Rock	SMD Comen	Pirmo Charge	MILEAGE			rent	WELL SERVICE IN	12 . Farrell-Hollow	ODE		Palomino Pe
	CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The distorted hereby acknowledges repaired of the materials and contract listed on the indicated	785-798-2300		SWIFT SERVICES INC	TTO:	Drazange Chevrese	have Coment		Tool Rental			en t	a - Port Collar	Trk # 115	DESCRIPTION		Coment Six" Part Collar		2.1			Petroleum
vendes receipt of the tit	liadace receipt of the m	CUSTOM	WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? ARE YOU SATISFIED WITH OUR SERVICE?	WE UNDERSTOOD AN MET YOUR NEEDS? OUR SERVICE WAS	SURVEY OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?											n before "Nation" in the second and an		MAC L	and destroyed when the same			
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JOBL								ices, Inc. Date Lynky Pagen
CUSTOME Palom	ino Petr	roleum	WELL NO.			LEASE Gantz-Fe	and H	2110way Coment 52" Port Coller 26192
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUM T	IPS C	PRESSUR	E (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0830			<u> </u>		1051146	CASING	on Location
<u> </u>		İ		1	1			
******		1		1	Ì	1	1	PC-1671 2%×5%
				Ì		1	1	200 sks SMD w/ 1/4" Flocele
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W 16 4998 PROBADO NO TRA DO LA CALO								
•17 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -								Open Port Collar

enaterbance-servations	0915	3	3	V		300		Enjection Rate
######################################							ļ	5
	0920	33/4	94			400	ļ	mix 170 sks SMD @ 11.2 ppg
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Birmerinangerschabbesse								circulate cont to pit 20 sts
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								Thank You
								Dave Juan Doug

				RECEIVED	
GONSOLI Oil Well Serv	DATED	Consolidated Öil We Dept. 9 P.O. Box Houston, TX 7	ell Services, LLC 970 4346	MAN 2 0 2014 Char 620/431-9210 • 1	MAIN OFFICE P.O. Box 884 nute, KS 66720 -800/467-8676 < 620/431-0012
INVOICE				Invoice #	266815
	5/2014 4	Terms: 10/10/30,:			Page 1
PALOMINO PETROI 4924 SE 84TH SI NEWTON KS 6711 () -		¢	GANTZ FARRELI 44636 24-198-25W 03-21-2014 KS	HOLLOWAY #1	L
	And and and and and and and and and				
Part Number 1102 11045 1118B	CLASS "A	cion CHLORIDE (50#) A" CEMENT (SALE) GEL / BENTONITE	Qty 465.00 165.00 310.00	18.5500	Total 437.10 3060.75 83.70
Sublet Performed 9996-130 9995-130		ion ATERIAL DISCOUN EQUIPMENT DISCOUN			Total -358.16 -165.87
Description 397 MIN. BULK DELI T-118 CEMENT PUMP (S T-118 EQUIPMENT MILE	URFACE)	WAY)	Hours 1.00 1.00 15.00	1150.00	Total 430.00 1150.00 78.75

Amount Due 5460.57 if paid after 04/25/2014

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DO Pay 994 Cl	nanute, KS 66720	FIELD TICKE	r & TREA'	TMENT REP	ORT		
620-431-9210 C	or 800-467-8676		CEMEN	Т			MS
DATE	CUSTOMER #	WELL NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
3-21-14	10285 Gant	2 Farrell Hall	lower #1	24	195	250	Ness
CUSTOMER (1205 10011	<u>L IWI CR // M</u>	Land 10			5511014 V	000/50
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	Surface HOLE SIZ	E 1214"	HOLE DEPTI	1 2/8	CASING SIZE & V	VEIGHT_85/	33 #
	and and	And the second sec	TUBING			OTHER	
CASING DEPTH		1 . 1	WATER gal/	alr.	CEMENT LEFT in	CASING 2	0'
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and the second							
ACCOUNT	QUANITY or UNITS	n	ESCRIPTION	of SERVICES or Pl	RODUCT	UNIT PRICE	TOTAL
CODE	QUANITY OF UNITS		Same and roll in the lot of			11m a	1152.001
Ellipis		PUMP CHAR	GE			11.50.00	1152.00

CODE	QUANITY OF UNITS	DESCRIPTION OF DERATOED OF TROPOST		
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production of the second s	445 #	Calcium Claude	,94	437,10
1102	145 SKS	Class A Cement	18.55	3060.75
11072	R16 #	Bestunite gel	127	83.70
1118B	5/0	Dentonute (14)		
		·		
			Subtertal	\$240,30
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			Sublate (4716.27
				198.24
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t mortil of wi	Octo		TOTAL	1717,01
		TITLE / C	DATE 3-	1-17

3 1

AUTHORIZITON_______



DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Andrew Stenzel

24-19S-25W Ness,KS

Gantz-Farrell-Holloway #1

 Start Date:
 2014.03.25 @ 00:00:07

 End Date:
 2014.03.25 @ 07:22:07

 Job Ticket #:
 54021
 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.03.31 @ 11:49:24

	DRILL STEM TES	TREPO	ORT	
	Palomino Petroleum, Inc.		Gantz-	Farrell-Holloway #1
ESTING , INC	4924 SE 84th St. New ton, KS 67114			-25W Ness,KS
				et: 54021 DST#:1
	ATTN: Andrew Stenzel		lest Star	rt: 2014.03.25 @ 00:00:07
GENERAL INFORMATION:				
Formation:LansingDeviated:NoWhipstock:Time Tool Opened:03:06:37Time Test Ended:07:22:07	ft (KB)		Test Typ Tester: Unit No:	e: Conventional Bottom Hole (Initial) Brannan L 48
Interval:3858.00 ft (KB) To394Total Depth:3943.00 ft (KB) (TVHole Diameter:7.88 inches Hole	D)		Reference	ce Elevations: 2370.00 ft (KB) 2362.00 ft (CF) KB to GR/CF: 8.00 ft
Serial #: 8372 Inside Press@RunDepth: 329.67 psig Start Date: 2014.03.25 Start Time: 00:00:08 TEST COMMENT: 30- IF- BOB 6 min 30- ISI- No blow 30- FF- BOB 7 min 30- FF- BOB 7 min 30- FSI- No blow	End Date: End Time:	2014.03.25 07:22:07	Capacity: Last Calib.: Time On Btm: Time Off Btm:	0
Pressure vs. Tr	пс	1	DRES	SURE SUMMARY
BZZPROSURE SZZPRO	Turnstein	Time (Min.) 0 1 32 60 60 90 121 122	Pressure (psig) Te (de 1851.42 10 36.19 10 210.03 11 1154.57 11 216.07 11 329.67 11 1143.93 11	Annotation g F) 0.86 Initial Hydro-static 0.97 Open To Flow (1) 6.16 Shut-In(1) 1.72 End Shut-In(1) 1.37 Open To Flow (2) 8.84 Shut-In(2) 5.38 End Shut-In(2) 4.82 Final Hydro-static
Recovery	T	 		Gas Rates
Length (ft) Description 50.00 M	Volume (bbł) 0.25	L	0	Choke (inches) Pressure (psig) Gas Rate (Mcf/d)
600.00 M 600.00 SMW, 5%M95%W	7.56			
Trilobite Testing, Inc	Ref. No: 54021		Pri	inted: 2014.03.31 @ 11:49:24

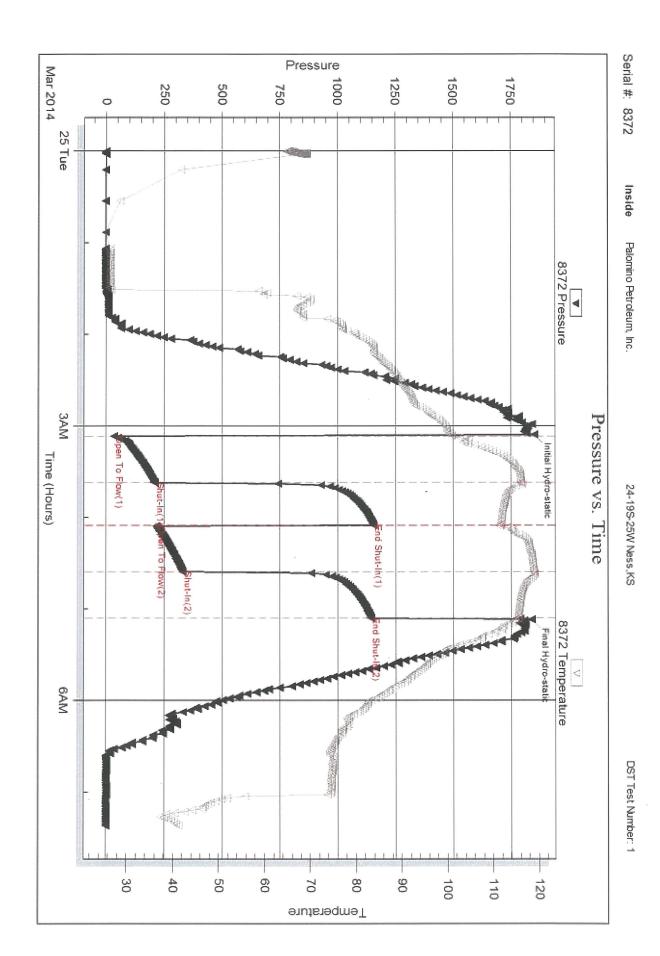
	DRILL STEM TES	TREP	ORT			· ////////////////////////////////////
	Palomino Petroleum, Inc.		Gant	z-Farr	ell-Hollo	way #1
ESTING , INC	4924 SE 84th St.		24-19	S-25W	/Ness,K	S
	New ton, KS 67114		Job Ti	cket: 54	021	DST#:1
	ATTN: Andrew Stenzel		Test S	itart: 20	14.03.25 @	00:00:07
GENERAL INFORMATION:						
Formation:LansingDeviated:NoWhipstock:Time Tool Opened:03:06:37Time Test Ended:07:22:07	ft (KB)		Test T Tester Unit N	: Е	Convention Brannan L 18	al Bottom Hole (Initial)
Interval: 3858.00 ft (KB) To 394			Refere	ence Ele	vations:	2370.00 ft (KB)
Total Depth: 3943.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole				KBt	GR/CF:	2362.00 ft (CF) 8.00 ft
		-				0.00 m
Serial #:8321OutsidePress@RunDepth:psig (2014.03.25Start Date:2014.03.25Start Time:00:00:16	 3859.00 ft (KB) End Date: End Time: 	2014.03.25 07:22:15	Capacity: Last Calib.: Time On Bti Time Off Bt	m:		8000.00 psig 2014.03.25
TEST COMMENT: 30- IF- BOB 6 min 30- ISI- No blow 30- FF- BOB 7 mi 30- FSI- No blow	ns	T				
Pressure vs. Tr	ILC ICI Temperature	Time		SSUR Temp	E SUMN	
Tropied and the second		(Min.)		deg F)		
Recovery				Gas	s Rates	
Length (ft) Description	Volume (bbl)			Choke (ir	nches) Press	ure (psig) Gas Rate (Mcf/d)
50.00 M 600.00 SMW, 5%M 95%W	0.25 7.56					

	Palomir	io Petroleum,	Inc.		Gantz-Farrell-Holl	oway #1
ESTING, I	WC 4924 S	E 84th St.			24-19S-25W Ness,	KS
		n, KS 67114			Job Ticket: 54021	DST#:1
	ATTN:	Andrew Ste	nzel		Test Start: 2014.03.25	@ 00:00:07
Tool Information						
Drill Pipe: Length: 3728.00	ft Diameter:	3.75 in	ches Volume:	50.93 bbl	Tool Weight:	2500.00 lb
	ft Diameter:		ches Volume:		U U	
Drill Collar: Length: 123.00	ft Diameter:		ches Volume:			
Drill Pipe Above KB: 20.00	ft		Total Volume:	- bbl		0.00 ft
Depth to Top Packer: 3858.00					String Weight: Initial Final	
Depth to Bottom Packer:	ft				riidi	52000.00 lb
nterval betw een Packers: 85.00						
Fool Length: 112.00		0.75				
Number of Packers: 2 Tool Comments:	Diameter:	6.75 in	ches			
roor comments.						
Ohana Ohana Ohah	Length (ft)		Position		Accum. Lengths	
Change Over Sub	1.00			3832.00	,	and a second
Shut In Tool	1.00 5.00			3832.00 3837.00		
Shut İn Tool Hydraulic tool	1.00 5.00 5.00			3832.00		
Shut In Tool Hydraulic tool Jars	1.00 5.00 5.00 5.00			3832.00 3837.00 3842.00		
Shut In Tool Hydraulic tool Jars Safety Joint	1.00 5.00 5.00			3832.00 3837.00 3842.00 3847.00	27.00	Bottom Of Top Packe
Shut În Tool Hydraulic tool Jars Safety Joint Packer	1.00 5.00 5.00 5.00 2.00			3832.00 3837.00 3842.00 3847.00 3849.00		Bottom Of Top Packe
Shut İn Tool Hydraulic tool	1.00 5.00 5.00 5.00 2.00 5.00			3832.00 3837.00 3842.00 3847.00 3849.00 3854.00		Bottom Of Top Packe
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	1.00 5.00 5.00 2.00 5.00 4.00	8372	Inside	3832.00 3837.00 3842.00 3847.00 3849.00 3854.00 3858.00		Bottom Of Top Packe
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb	1.00 5.00 5.00 2.00 5.00 4.00 1.00			3832.00 3837.00 3842.00 3849.00 3854.00 3854.00 3859.00 3859.00 3859.00		Bottom Of Top Packe
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00 16.00	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3854.00 3859.00 3859.00 3859.00 3859.00 3859.00		Bottom Of Top Packe
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3854.00 3859.00 3859.00 3859.00		Bottom Of Top Packe
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 16.00 1.00 63.00	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3859.00 3859.00 3859.00 3859.00 3875.00 3876.00 3939.00		Bottom Of Top Packe
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub	1.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 16.00 1.00 63.00 1.00	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3859.00 3859.00 3859.00 3859.00 3875.00 3876.00 3939.00 3940.00	27.00	
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Bullnose	$ \begin{array}{r} 1.00\\ 5.00\\ 5.00\\ 2.00\\ 5.00\\ 4.00\\ 1.00\\ 0.00\\ 1.00\\ 1.00\\ 63.00\\ 1.00\\ 3.00\\ \end{array} $	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3859.00 3859.00 3859.00 3859.00 3875.00 3876.00 3939.00	27.00	
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe	$ \begin{array}{r} 1.00\\ 5.00\\ 5.00\\ 2.00\\ 5.00\\ 4.00\\ 1.00\\ 0.00\\ 1.00\\ 1.00\\ 63.00\\ 1.00\\ 3.00\\ \end{array} $	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3859.00 3859.00 3859.00 3859.00 3875.00 3876.00 3939.00 3940.00	27.00	
Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Bullnose	$ \begin{array}{r} 1.00\\ 5.00\\ 5.00\\ 2.00\\ 5.00\\ 4.00\\ 1.00\\ 0.00\\ 1.00\\ 1.00\\ 63.00\\ 1.00\\ 3.00\\ \end{array} $	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3859.00 3859.00 3859.00 3859.00 3875.00 3876.00 3939.00 3940.00	27.00	Bottom Of Top Packer
Shut In Tool -lydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Bullnose	$ \begin{array}{r} 1.00\\ 5.00\\ 5.00\\ 2.00\\ 5.00\\ 4.00\\ 1.00\\ 0.00\\ 1.00\\ 1.00\\ 63.00\\ 1.00\\ 3.00\\ \end{array} $	8372	Inside	3832.00 3837.00 3842.00 3849.00 3854.00 3859.00 3859.00 3859.00 3859.00 3875.00 3876.00 3939.00 3940.00	27.00	

11 N.		DRILL	STEM TEST R	EPORT		FL	UID SUMMARY
	RILOBITE	Palomino Pe	troleum, Inc.		Gantz-Far	rell-Holloway	#1
	ESTING , INC	4924 SE 841 New ton, KS			24-19S-25\ Job Ticket: 5	N Ness,KS	DST#:1
		ATTN: And	drew Stenzel			014.03.25 @ 00:0	
Mud and Cu	Ishion Information						
Mud Type: Ge	el Chem		Cushion Type:			Oil API:	deg API
Mud Weight:	9.00 lb/gal		Cushion Length:			Water Salinity:	ppm
Viscosity:	51.00 sec/qt		Cushion Volume:		bbl		
Water Loss: Resistivity:	6.78 in³ ohm.m		Gas Cushion Type: Gas Cushion Pressure:		psig		
Salinity:	8200.00 ppm		Gas Gusmon Fressure.		psig		
Filter Cake:	inches						
Recovery In	formation		<u></u>		· · · ·		·······
	·	·····	Recovery Table			٦	
	Lengt ft	h	Description		Volume bbl		
		50.00 M			0.246		
	**************************************		N, 5%M 95%W		7.558		
	Total Length:	650.00 ft	Total Volume:	7.804 bbl			
	Num Fluid Samp	les: 0	Num Gas Bombs:	0	Serial #	:	
	Laboratory Nam		Laboratory Location:				
	Recovery Comn	nents:					
Trilobite Test	ing, Inc	Ref. N	o: 54021		Printed	l: 2014.03.31 @ 1	1:49:26

Printed: 2014.03.31 @ 11:49:27

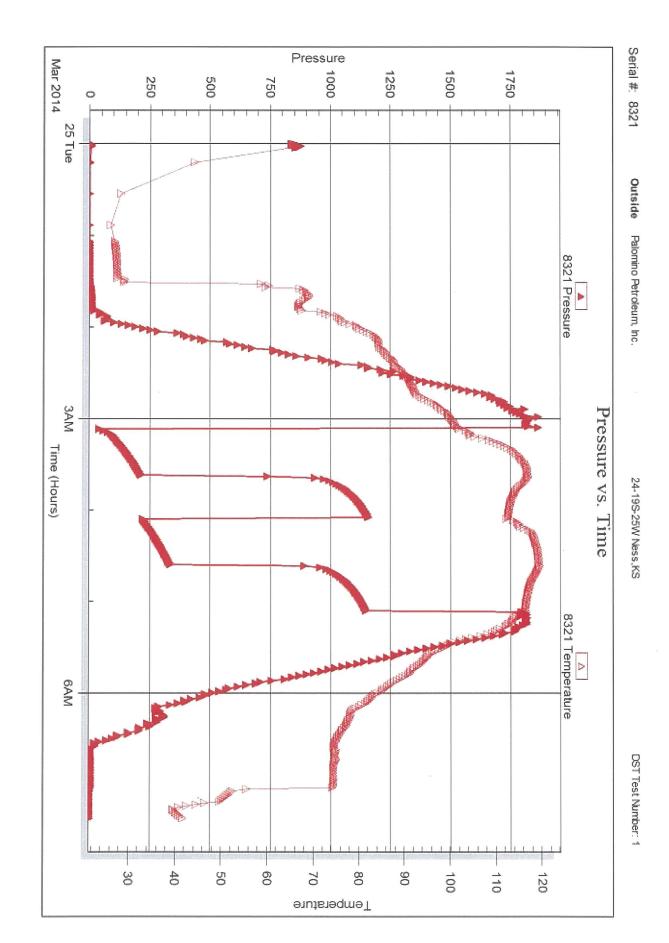
Ref. No: 54021





Ref. No: 54021







DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Andrew Stenzel

24-19S-25W Ness,KS

Gantz-Farrell-Holloway #1

Start Date: 2014.03.26 @ 05:00:15 End Date: 2014.03.26 @ 11:57:15 Job Ticket #: 54022 DST #: 2

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

Holloway #1 PSS,KS DST#: 2 3.26 @ 05:00:15 entional Bottom Hole (Reset) han L Ins: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45 UMMARY
DST#: 2 3.26 @ 05:00:15 entional Bottom Hole (Reset) han L ins: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
3.26 @ 05:00:15 entional Bottom Hole (Reset) han L ins: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
entional Bottom Hole (Reset) nan L ns: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
nan L ns: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
nan L ns: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
nan L ns: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
ns: 2370.00 ft (KB) 2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
2362.00 ft (CF) /CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
/CF: 8.00 ft 8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
8000.00 psig 2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
2014.03.26 03.26 @ 07:07:45 03.26 @ 08:42:45
03.26 @ 07:07:45 03.26 @ 08:42:45
03.26 @ 08:42:45
nnotation
UMMARY
nnotation
al Hydro-static
en To Flow (1)
it-ln(1)
Shut-In(1) en To Flow (2)
it-ln(2)
Shut-In(2)
il Hydro-static
ites
Pressure (psig) Gas Rate (Mcfi
s)

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Printed: 2014.03.31 @ 11:49:04

Palomino Petroleum, Inc.		Gantz-Fa	rrell-Hollo	way #1
4924 SE 84th St.		24-19S-25	5W Ness,K	S
New ton, KS 67114		Job Ticket:	54022	DST#:2
ATTN: Andrew Stenzel		Test Start:	2014.03.26 @	05:00:15
ft (KB)		Test Type: Tester: Unit No:	Convention Brannan L 48	al Bottom Hole (Reset
TVD)				2370.00 ft (KB) 2362.00 ft (CF)
Die Condition: Fair	· · · · · · · · · · · · · · · · · · ·	K	B to GR/CF:	8.00 ft
End Date:	2014.03.26 11:56:52	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2014.03.26
SZ21 Temperature	, Time (Min.)	Pressure Temp	Annotati	
	(Min.)			ion
) 			as Rates	
Volume (bbl)				sure (psig) Gas Rate (Mcf
Volume (bbl) 0.49				sure (psig) Gas Rate (Mcf
Volume (bbl)				sure (psig) Gas Rate (Mcf
	ft (KB) 4235.00 ft (KB) (TVD) 4235.00 ft (KB) (TVD) TVD) ble Condition: Fair (@ 4035.00 ft (KB) End Date: End Time: min surface blow min 5 mins 	ATTN: Andrew Stenzel ft (KB) 4235.00 ft (KB) (TVD) TVD) ble Condition: Fair @ 4035.00 ft (KB) = End Date: 2014.03.26 End Time: 11:56:52 min surface blow min 5 mins	New ton, KS 67114 Job Ticket: ATTN: Andrew Stenzel Test Start: ft (KB) Test Type: ft (KB) Test Type: Test Type: Test Type: Unit No: Reference I VD) Reference I with a condition: Fair WE 4035.00 ft (KB) Capacity: Last Calib.: Time On Btm: Time Time Off Btm: min Stringender Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender Time (Min.) Image: Stringender	New ton, KS 67114 Job Ticket: 54022 ATTN: Andrew Stenzel Test Start: 2014.03.26 @ ft (KB) Test Type: Convention Tester:: Brannan L Unit No: 48 4235.00 ft (KB) (TVD) Reference Elevations: TVD) Reference Elevations: 02 4035.00 ft (KB) Capacity: 10: End Date: 2014.03.26 11:56:52 Time On Btm: Time Time Off Btm: Time Time Off Btm: Time Time (Min.) PRESSURE SUMN Image: Ima

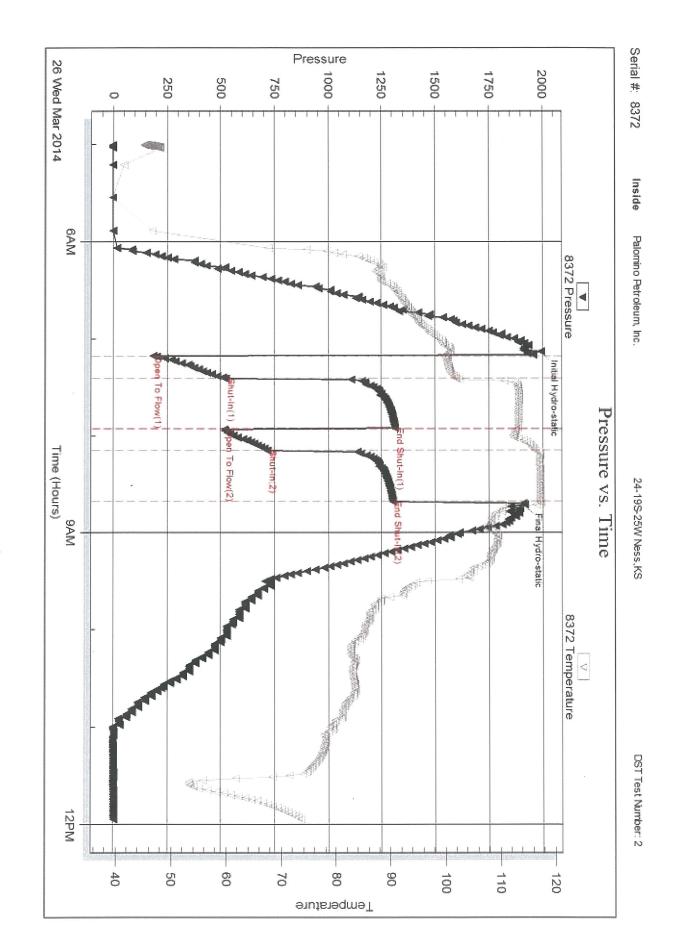
Printed: 2014.03.31 @ 11:49:04

	BITE		LLSIE	MTEST	REPO	RT	TOOL DIAGRA
			o Petroleum,	Inc.		Gantz-Farrell-	-Holloway #1
	TING , INC	4924 SI	E 84th St.			24-19S-25W N	ess,KS
		1	i, KS 67114			Job Ticket: 54022	
			Andrew Ste	nzel		Test Start: 2014.0	
				11261			
Tool Information							
Drill Pipe: Length:	3889.00 ft	Diameter:	3.75 in	ches Volume:	53.13 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe: Length:		Diameter:		ches Volume:		-	Packer: 25000.00 lb
Drill Collar: Length:	123.00 ft	Diameter:	-	ches Volume:	0.60 bbl	-	Loose: 90000.00 lb
Drill Pipe Above KB:	5.00 ft			Total Volume:	- bbl		0.00 ft
Depth to Top Packer:	4034.00 ft					String Weight:	Initial 61000.00 lb Final 67000.00 lb
Depth to Bottom Packer:	ft						
nterval betw een Packers:							
Tool Length:	228.00 ft	D:	· ·				
Number of Packers:	2	Diameter:	6.75 in	ches			
Tool Comments:							
			.	-	-		
Fool Description	Lei		Serial No.	Position		Accum. Lengths	
Change Over Sub		1.00			4008.00		
Shut In Tool		5.00 5.00			4013.00 4018.00		
⊣ydraulic tool Jars		5.00 5.00			4018.00		
		2.00			4023.00		
Safety Joint Packer		5.00			4025.00	27.00	Pottom Of Tan Daaka
Packer		4.00			4030.00	27.00	Bottom Of Top Packe
Stubb		1.00			4034.00		
Recorder		0.00	8372	Inside	4035.00		
Recorder		0.00	8321	Outside	4035.00		
Perforations		6.00	0021	Outside	4041.00		
Change Over Sub		1.00			4042.00		
Drill Pipe	,	189.00			4042.00 4231.00		
Change Over Sub		1.00			4231.00		
Bullnose		3.00			4235.00	201.00	Bottom Packers & Anchor

(Or Tomos	1 T F	DRI	LL STEM TEST F	REPORT		FLUII	D SUMMARY		
RILOBI		Palomin	o Petroleum, Inc.		Gantz-Far	rell-Holloway #1			
ESTING , INC			4924 SE 84th St. New ton, KS 67114			24-19S-25W Ness,KS Job Ticket: 54022 DST#:2			
		ATTN:	Andrew Stenzel			014.03.26 @ 05:00:1			
Mud and Cushion Info	ormation								
Mud Type: Gel Chem Mud Weight: 9.00 lb Viscosity: 50.00 s Water Loss: 6.39 in Resistivity: o	o/gal ec/qt 1 ³ hm.m		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure	:		Oil API: Water Salinity:	deg API ppm		
Salinity: 6200.00 p Filter Cake: in	pm iches								
Recovery Information	*****	· · · · · · · · · · · · · · · · · · ·	******						
			Recovery Table			_			
	Lengt ft	h	Description		Volume bbl				
	******	100.00	Μ		0.492	-			
	1(00.00	SMWGO, 10%M 20%W 30%C 600' GIP	40%G	<u>13.460</u> 0.000				
l Toti	al Length:	 1100.		13.952 bbl	0.000	1			
Nur Lab	m Fluid Sampl poratory Nam covery Comm	e:	Num Gas Bombs: Laboratory Location	0 n:	Serial #:				

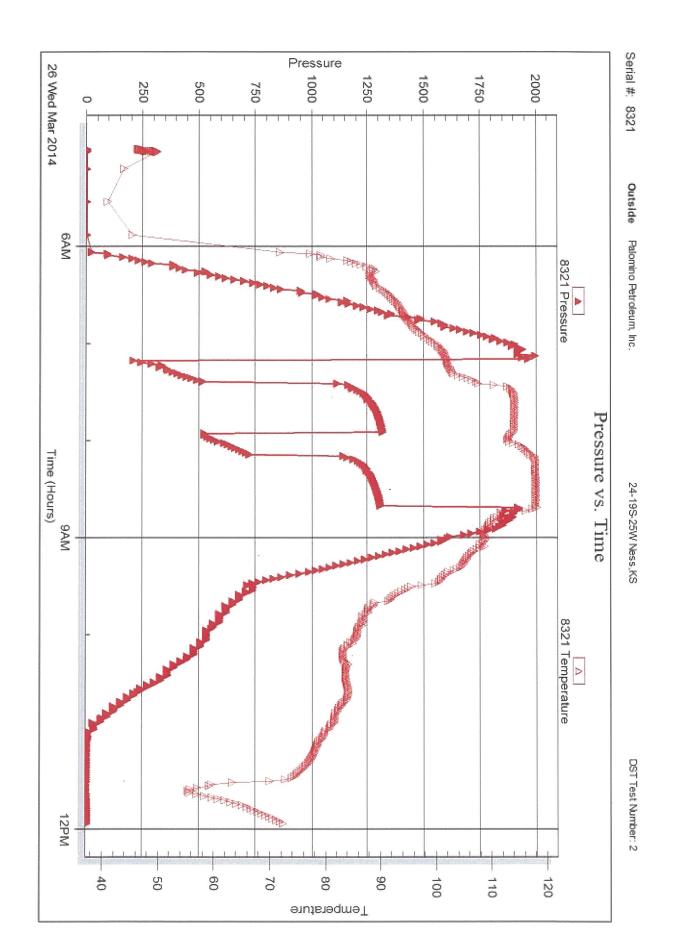
Printed: 2014.03.31 @ 11:49:06

Ref. No: 54022



Printed: 2014.03.31 @ 11.49:06

Ref. No: 54022





DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Andrew Stenzel

24-19S-25W Ness,KS

Gantz-Farrell-Holloway #1

 Start Date:
 2014.03.27 @ 04:11:01

 End Date:
 2014.03.27 @ 10:44:01

 Job Ticket #:
 54023
 DST #: 3

Trilobite Testing, Inc PO Box 362 Hays, KS 67601 ph: 785-625-4778 fax: 785-625-5620

	DRILL STEM TES	TREP	ORT			
	Palomino Petroleum, Inc.		Gant	z-Farrell-l	Holloway #1	
ESTING , INC	1		24-19	S-25W Ne	ess,KS	
	New ton, KS 67114		Job Tic	ket: 54023	DST	#:3
	ATTN: Andrew Stenzel		Test Si	tart: 2014.0	3.27 @ 04:11:01	1
GENERAL INFORMATION:						
Formation:MissDeviated:NoWhipstock:Time Tool Opened:06:08:31Time Test Ended:10:44:01	ft (KB)		Test Ty Tester: Unit No	: Branı	entional Bottom nan L	Hole (Reset)
Interval:4324.00 ft (KB) To4Total Depth:4427.00 ft (KB) (ToHole Diameter:7.88 inches Ho			Refere	ence Elevatio KB to GR	2362.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8372 Inside Press@RunDepth: 281.14 psig Start Date: 2014.03.27 Start Time: 04:11:02	End Date: End Time:	2014.03.27 10:44:01	Capacity: Last Calib.: Time On Btr Time Off Btr		8000. 2014.03. .03.27 @ 06:07: .03.27 @ 08:14:	01
TEST COMMENT: 30- IF- BOB 8 n 30- ISI- Built to 30- FF- BOB 6 i 30- FSI- Built to	l" nins					
Pressure vs. 332 Pressure	्र 5372 Tempenture	Time				
		Time (Min.)	(psig) (deg F)	nnotation	
200	- 110	02	1		al Hydro-static en To Flow (1)	
1773		31			ut-In(1)	
1000 · · · · · · · · · · · · · · · · · ·		61	1 1		I Shut-In(1)	
		62 90		113.16 Opt 113.85 Shi	en To Flow (2) ut-ln(2)	
		126 127	1183.32	117.24 End	l Shut-In(2) al Hydro-static	
0 0A4 27 Thu Mar 2014 Time (Han	944 944					
Recovery				Gas Ra	ates	
Length (ft) Description	Volume (bbl)			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
380.00 GOCM, 5%O 35%G 60%						
315.00 GO, 15%G 85%O 0.00 250' GIP	4.30					
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 54023			Drintod: 201	4.03.31 @ 11:48	

Printed: 2014.03.31 @ 11:48:33

din Tou	OBITE	DRILL STEM TE	ST REP	ORT				
		Palomino Petroleum, Inc.		Gar	ntz-Far	rell-Hollo	way #1	
	STING , INC	1924 SE 84th St.		24-1	195-25	W Ness,K	s	
		New ton, KS 67114			Ticket: 5		DST#: 3	
		ATTN: Andrew Stenzel				014.03.27 @		
., utani li.		ATTN. Andrew Otenzer		163(.014.00.27 @	y 04.11.01	
GENERAL INFOR	MATION:							
Formation: Mis Deviated: No Time Tool Opened: 06: Time Test Ended: 10:	Whipstock: 08:31	ft (KB)		Test Test Unit	er:	Convention Brannan L 48	al Bottom Hole	(Reset)
Interval: 4324.0	00 ft (KB) To 4427	.00 ft (KB) (TVD)		Refe	erence E	levations:	2370.00 1	ft (KB)
•	427.00 ft (KB) (TVD)						2362.00	
Hole Diameter:	7.88 inchesHole Co	ondition: Fair			KB	to GR/CF:	8.00 1	ft
Serial #: 8321	Outside						·····	
Press@RunDepth:	psig @			Capacity:			8000.00	psig
Start Date: Start Time:	2014.03.27 04:10:36	End Date: End Time:	2014.03.27 10:43:35	Last Calib Time On E			2014.03.27	
Start Time.	04.10.00		10.40.00	Time Off I				
▲ 5221 Press	Pressure vs. Time	<u>تم</u> 521 Гопратане						
5321 Press		5321 Tomparáze	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotat	ion	
2000				(psig)	(ueg i)			
1750	-							
100								
			- Temperatur					

750	_		(deg F)					
500 f								
200								
		Å						
7 Thu Mar 2014	(Add Time (Hours)	5424 						
	Basaran					as Rates		
Length (ft)	Description	Volume (bbl)					sure (psig) Gas	Rate (Mcf/d)
	, 5%O 35%G 60%M	4.12			1			· · · · · · · · · · · · · · · · · · ·
	5%G 85%O	4.30						
0.00 250' G	P	0.00						
* Recovery from multiple tests								
Trilobite Testing, Inc		Ref. No: 54023	1		Drintor	1. 2014 03 3	1 @ 11:48:33	

<i>[</i> , ()))) <i>[</i> ^[]	ILOBITE		io Petroleum, I		REPOR		TOOL DIAGRA
通いて	ESTING , INC		io reli oleum, i	IIC.		Gantz-Farrell-Hollo	oway #1
個	EOTING, INL		E 84th St. n, KS 67114			24-19S-25W Ness,M	
						Job Ticket: 54023	DST#:3
MCC		ATTN:	Andrew Ste	nzel		Test Start: 2014.03.27 (@ 04:11:01
Tool Information							
Drill Pipe: Le	ngth: 4204.00 ft	Diameter:	3.75 in	ches Volume:	57.43 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe: Le	0	Diameter:		ches Volume:	- bbl	Weight set on Packe	r: 25000.00 lb
Drill Collar: Le	ngth: 123.00 ft	Diameter:	2.25 in	ches Volume:	0.60 bbl	Weight to Pull Loose:	70000.00 lb
Drill Pipe Above KB:	30.00 ft			Total Volume:	- bbl	Tool Chased	0.00 ft
Depth to Top Packer:						String Weight: Initial	62000.00 lb
Depth to Bottom Packer.						Final	64000.00 lb
Interval between Pac							
Tool Length:	130.00 ft						
Number of Packers:	2	Diameter:	6.75 in	ches			
Tool Comments:	_						
Fool Description	Le		Serial No.	Position		ccum. Lengths	
Change Over Sub		1.00			4298.00		
Shut In Tool		5.00			4303.00		
Hydraulic tool		5.00			4308.00		
Jars .		5.00			4313.00		
Safety Joint		2.00			4315.00		
Packer		5.00			4320.00	27.00	Bottom Of Top Packer
Packer		4.00			4324.00		
Stubb		1.00			4325.00		
Recorder		0.00	8372	Inside	4325.00		
Recorder		0.00	8321	Outside	4325.00		
Perforations		3.00			4328.00		
Change Over Sub		1.00			4329.00		
Drill Pipe		94.00			4423.00		
Change Over Sub		1.00			4424.00		
Bullnose		3.00			4427.00	103.00 B	ottom Packers & Anchor
54111050	I Tool Length:	130.00				100.00 D	
		130.00					

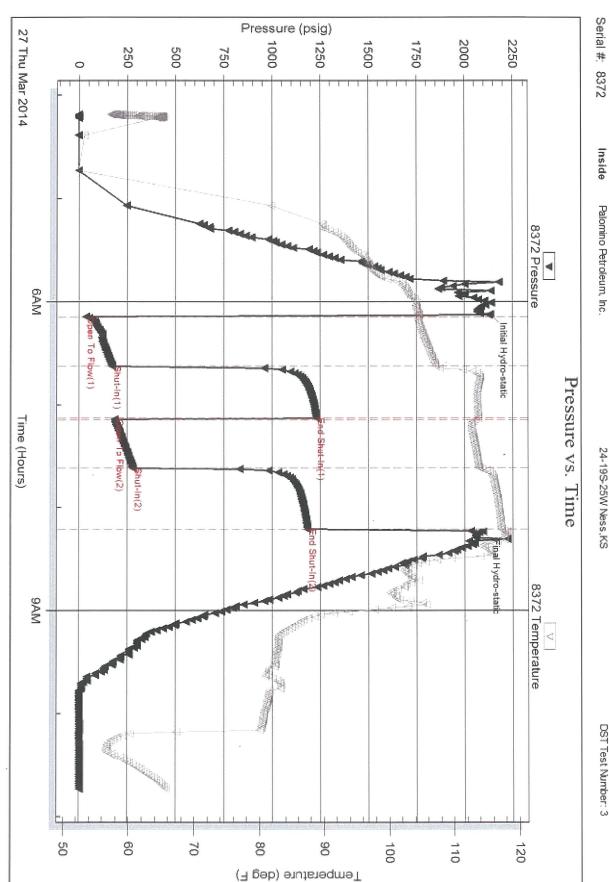
			L STEM TEST F	REPORT	•				
	RILOBITE	L	p Petroleum, Inc.						
雷	ESTING , INC	4924 SE 84th St.				Gantz-Farrell-Holloway #1 24-19S-25W Ness,KS			
			4924 SE 84th St. New ton, KS 67114				ST#: 3		
		ATTN:	Andrew Stenzel			2014.03.27 @ 04:11			
Mud and C	ushion Information								
	Gel Chem		Cushion Type:			Oil API:	37 deg API		
Mud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:	ppm		
Viscosity:	52.00 sec/qt		Cushion Volume:		bbl				
Water Loss:	6.78 in ³		Gas Cushion Type:						
Resistivity:	ohm.m		Gas Cushion Pressure) ;	psig				
Salinity: Filter Cake:	7400.00 ppm inches								
Recovery I	nformation						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	J		Recovery Table						
	Leng ft	jth 🛛	Description		Volume bbl				
		380.00	GOCM, 5%O 35%G 60%M		4.11	6			
		315.00	GO, 15%G 85%O		4.30	3			
		0.00	250' GIP		0.00	<u>0</u>			
	Total Length:	695.0	00 ft Total Volume:	8.419 bbl					
	Num Fluid Sam	ples: 0	Num Gas Bombs:	0	Serial #	ŧ			
	Laboratory Nar		Laboratory Locatio	n:					
	Recovery Com	ments:	•						
r									
						,			
							······		
		Re							

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Ref. No: 54023

Trilobite Testing, Inc

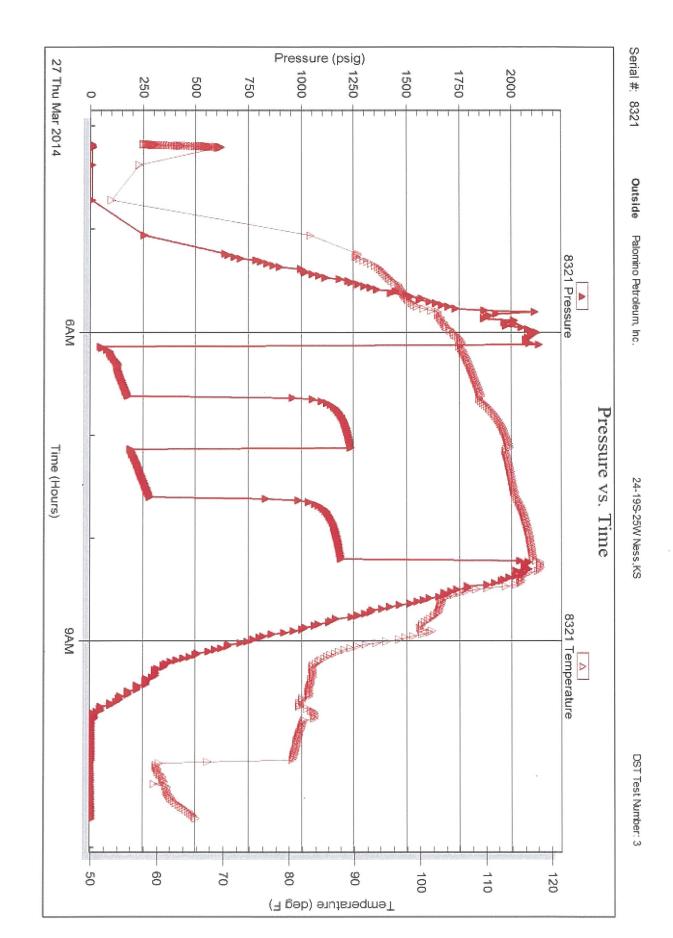


24-19S-25W Ness,KS

DST Test Number: 3

Printed: 2014.03.31 @ 11:48:35

Ref. No: 54023



RILOBITE ESTING INC.				Ticket 54021	
Well Name & No. <u>Gantz-Ferrell - Hollos</u> Company <u>Palomino</u> <u>Petroleum</u> , Address <u>4924</u> <u>SE 84+h</u> <u>St.</u> Co. Rep / Geo. <u>Andrew</u> <u>Stenzel</u> Location: Sec. <u>24</u> <u>Twp. 195</u>	vay ±1/ Inc. Newtony KS	Test No Elevation RigW Co.	2369	Date <u>3/25/</u> _КВ2 S State <u>К</u>	<u>14</u> <u>362</u> GL
Interval Tested <u>3658-3943</u> Anchor Length <u>85'</u> Top Packer Depth <u>3853</u> Bottom Packer Depth <u>3858</u> Total Depth <u>3943</u> Blow Description <u>FF-BoR 6min</u>	Zone TestedA Drill Pipe Run Drill Collars Run Wt. Pipe Run Chlorides	372 12 8,200ppm sy	<u>8</u> м <u>3</u> vi	ud Wt. <u>8.8</u> s <u>57</u> rL <u>6.8</u> cm <u>1</u>	
FSI - No How	<u>.5</u>	%gas %gas	%oil %oil	%water 95 %water	%mud
Rec Feet of Rec Feet of Rec Feet of Rec Total \$\mathcal{S50}^{\prime}\$ BHT		%gas %gas %gas PIRW_13_@	%oil %oil 3)_°F (%water %water %water Chlorides2	%mud %mud %mud 5,206pm
(A) Initial Hydrostatic 1857 (B) First Initial Flow 36 (C) First Final Flow 210 (D) Initial Shut-In 1135 (E) Second Initial Flow 216 (F) Second Final Flow 330 (G) Final Shut-In 1144	Test 1150 Jars 250 Safety Joint 75 Circ Sub	RT	T-Started T-Open T-Pulled _ T-Out	0306	2
(H) Final Hydrostatic 1839 Initial Open 30 Initial Shut-In 30 Final Flow 30 Final Shut-In 30	Straddle Shale Packer Extra Packer Extra Recorder Day Standby Accessibility Sub Total 1651.70		Ruine Extra Sub Total Total	ed Shale Packer ed Packer Copies 0 1651.70 Disc't	
Assessed Dr.)	

AILOBITE RILOBITE JESTING INC. 1515 Commerce Parkway	• Hays, Kansas 67601	Test Ticket NO. 54022
Well Name & No. <u>Gantz-Ferrell-H</u> Company <u>Palomine</u> <u>Petroleum</u> Address <u>4924</u> <u>SE 84th</u> <u>A.</u> <u>N</u> Co. Rep / Geo. <u>Andrew Stenzel</u> Location: Sec. <u>24</u> Twp. <u>195</u> Interval Tested <u>4034-4235</u> Anchor Length <u>201</u>	Lnc. Elevation <u>leviton</u> KS 67114 <u>Rig</u> W <u>Rge. 25W co.</u> <u>Zone Tested</u> <u>LKC/Ma</u> Drill Pipe Run <u>3889</u>	<u>2369 кв 2362 GL</u> И 10 <u>Ness</u> State <u>KS</u> armston <u>Mud Wt. 9,0</u>
Top Packer Depth <u>4029</u> Bottom Packer Depth <u>4034</u> Total Depth <u>4235</u> Blow Description <u>IF-BOB</u> <u>Min</u> <u>ISI-Wak such</u> <u>FF-BOB</u> <u>Im</u> <u>FSI-ROD</u> <u>15</u>	ace Slow	3 Vis 30 WL 614 pm System LCM Tr.
$\begin{array}{c c} \operatorname{Rec} & 160 & \operatorname{Feet of} M \\ \hline \\ \operatorname{Rec} & 1600 & \operatorname{Feet of} SMWGO \\ \hline \\ \operatorname{Rec} & & \operatorname{Feet of} 600' & ADP \\ \end{array}$	∧ j ∧ S %gas ∯O%gas %gas	%oil %water %m 30%oil 20%water 10%m %oil %water %m
Rec Feet of Rec Total 1100 BHT 1175 (A) Initial Hydrostatic 1993 (B) First Initial Flow 186 (C) First Final Flow 186 (D) Initial Shut-In 1313 (E) Second Initial Flow 5/9 (F) Second Final Flow 718 (G) Final Shut-In 1303 (H) Final Hydrostatic 1918	%gas %gas GravityAPI RW Y Test250 Jars250 Jars250 Safety Joint75 Circ Sub Hourly Standby Mileage175 Sampler176.70 Straddle Shale Packer	T-On Location 0453 T-Started 0500 T-Open 0710 T-Pulled 08:40 T-Out 1157 Comments
Initial Open	 Extra Packer	Extra Copies Sub Total0Total1751.70MP/DST Disc't

AVID RILOBITE ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 6760	1	NO.	'icket 54023	
Well Name & No. Cant - Forrell - Holl Company Pabrino Potopleum Address <u>4924</u> SE 84th S Co. Rep / Geo. <u>Andrew Stonzel</u> Location: Sec. <u>24</u> Twp. <u>195</u>	\sim / ·	Test No Elevation 5 62// 4 Rig Co		кв2	7/14 362.GL KS
Interval Tested 4324-442/	Zone Tested	· · · · · · · · · · · · · · · · · · ·			
Anchor Length <u>103</u>	_ Drill Pipe Run	4204	Mu	d Wt. <u>972</u>	
Top Packer Depth	_ Drill Collars Run	123	Vis	52	
Bottom Packer Depth 4324	Wt. Pipe Run		WL WL	6.0	
Total Depth	Chlorides	7,430 pl	om System LCI	м <u> </u>	
Blow Description <u>LF-BOB</u> Smith TSI-BWILT to 1 FF-BOB, 6 mith	<i>ii</i>				
FSI-Built to 1/2	//				
Rec_3/5' Feet of <u><u><u></u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>		1.5 %gas	85%oil	%water	%mud
Rec_370 Feet of GOCM		<u>35 %gas</u>	.5 %oil	%water	60 %mud
Rec Feet of 250" GIP)	%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 695 BHT 117°	Gravity <u>3</u> ,	API RW	_@°F Ct	nlorides	ppm
(A) Initial Hydrostatic <u>2132</u>	X Test 1250		T-On Locat	ion <u>040</u>	4
(B) First Initial Flow37	🕺 Jars 250		T-Started _)
(C) First Final Flow	X Safety Joint 75			060	
(D) Initial Shut-In [229	Circ Sub	-		080	
(E) Second Initial Flow 18.5	Hourly Standby			104	,
(F) Second Final Flow	X Mileage123	TRT 1	Comments 76.70	A CONTRACTOR CONTRACTOR CONTRACTOR	
(G) Final Shut-In 1183	Sampler	, .	·	n March de Jacobie antide et autor de article di March de museur en angele en aper	
(H) Final Hydrostatic 2092	G Straddle			Shale Packer_	
	Shale Packer			Packer	
Initial Open	Extra Packer			Copies	
Initial Shut-In3	Extra Recorder			0	
Final Flow 30	Day Standby			751.70	
Final Shut-In	Accessibility			Disc't	
	Sub Total 1751			* Methodologic association	
Approved By	Our	Representative_	Branno	in L	

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