Confidentiality Requested: Yes No

# KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1260409

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:	
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
	If yes, show depth set: Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from:
Operator:	
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW 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 #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion Date	County: Permit #:

#### AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

## Submitted Electronically

KCC Office Use ONLY
Confidentiality Requested
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Page Two	<b>                                    </b>
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

**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		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-c			on, 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 / SQL	EEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
	-	raulic fracturing treatment ex	-			o question 3)	
Was the hydraulic fracturing	treatment information	n submitted to the chemical d	lisclosure registry?	Yes	No (If No, fill o	out Page Three o	of the ACO-1)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cer Specify Footage of Each Interval Perforated (Amount and Kind of			ement Squeeze Record of Material Used)	Depth					
TUBING RECORD:	Siz	ze:	Set At	:	Packe	r At:	Liner F		No	
Date of First, Resumed	Producti	ion, SWD or ENHF	<b>}</b> .	Producing Me	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	<u> </u>	Used on Lease		Open Hole Other <i>(Specify)</i> .	Perf.	(Submit )	Comp. 4 <i>CO-5)</i>	Commingled (Submit ACO-4)		ITERVAL:
		Mail to: KCC						2078, Wichita, Kan	sas 67202	

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Junior Magley Trust 1
Doc ID	1260409

All Electric Logs Run

Dual Induction
Micro Resistivity
Compensated Density Neutron
Borehole Compensated Sonic

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Junior Magley Trust 1
Doc ID	1260409

# Tops

Name	Тор	Datum
Heebner	4196	(-839)
Lansing	4252	(-895)
Muncie Creek	4272	(-1015)
Stark	4452	(-1095)
ВКС	4510	(-1153)
Marmaton	4522	(-1165)
Pawnee	4637	(-1280)
Ft. Scott	4662	(-1305)
Cherokee	4688	(-1331)
Miss.	4943	(-1586)
LTD	5013	(-1656)

		R	EMIT TO	RE	CEVED	MAIN OFFICE
Oil Well Services, LLC		Consolidated Oil Well Services,LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346		JUL	JUL 1 3 2015 Chanu 620/431-9210,1-8 Fax 6	
Invoice				Invoice#	804	891
Invoice Date: 07	//09/15		Terms: Net 30		Page	1
PALOMINO PETRO	LEUM, INC.					
4924 SE 84TH ST NEWTON KS 671 <sup>-</sup> USA			JUNIOF	R MAGEY TR	UST	
				: = = = = = = = = = = = = =		
Part No	Description		Quantity	Unit Price	Discount(%)	Total
CE0451	Cement Pump Ch	•	1.000	1,900.0000	33.000	1,273.00
CE0002	Equipment Mileag Equipment	e Charge - Heavy	50.000	7.1500	33.000	239.53
CE0710	Cement Delivery (	Charge	1.000	974.7500	33.000	653.08
CC5871	Surface Blend II, 2	!% Gel/3% CaCl	225.000	23.0000	33.000	3,467.25
					Subtotal	8,407.25
				Discount	ed Amount	2,774.39
				SubTotal Afte	er Discount	5,632.86
						paid after 08/08/15
					Tax:	277.38
					Total:	5,910.24

BARTLESVILLE, OK 918/338-0808

EL DORADO,KS 316/322-7022

PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-8822

OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269

GILLETTE, WY 307/686-4914

CUSHING, OK 918/225-2650

ji si s	2	2KX		C		
	Le la	X4FO		TICKET NUMB	4	7981
Consolid	Ated -	2210		LOCATION C		
Qil Well Service	egs, LLC				<u> </u>	12
				FOREMAN_C	ory late	
PO Box 884, Chanute, KS 66	720 FIELD TICKE	T & TREA	FMENT REP	ORT		1.0
620-431-9210 or 800-467-867		CEMEN	т [	volce 212	04071	KS
DATE CUSTOMER #	WELL NAME & NUM	IBER	SECTION	TOWNSHIP	RANGE	COUNTY
718/15 6285	Junior Madevi	Trust #	28	5	37	riheyenni
CUSTOMER	· · · · · · · · · · · · · · · · · · ·	Breuster	Contraction of the second s			
1-alomin	0	- w to RO34	TRUCK#	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		N to RD O	731	Jeruny R		
		2 west to 3	2 693	R.b S		
CITY	STATE ZIP CODE	Sinto	5220			
			GAN			
JOB TYPE SUIFACE	HOLE SIZE 12 1/2	HOLE DEPTH	307	CASING SIZE & V	veight_ <u>2 %</u>	23#
CASING DEPTH 307	DRILL PIPE	_TUBING			OTHER	
SLURRY WEIGHT	SLURRY VOL	WATER gal/s	k	CEMENT LEFT in	CASING	
DISPLACEMENT 18.2	DISPLACEMENT PSI	MIX PSI		RATE		
REMARKS: Safty mosting	rig upon WW12 R	In Casing	- Break ci	reviation .	with right	JUMP
Hook up to pumptru	ck Mix225 sks CO	M 3% cc	2% gel W		splace 18	2 BBL
water shut in rig	down					

Cement Did Cinc.

AProx to	PIT 5 BBL	Thank Cory	D. + (10	- bel
	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CEOUSI	0	PUMP CHARGE	1,900.55	1,900,90
CEOCOL	50	MILEAGE	1.15	351.50
CE0710	• 11.14	Coment Delivery Charge	1.75	974.75
	>		clu.	
CC5871	225	Surface Bland 2 27652 390 Call	23.5	5,175,00
	-			
			<u> </u>	
	• • • • • • • • • • • • • • • • • • •			
			-	
			sub total	8407.25
	······		33% 255	2774.39
			sub total	5632.86
			SALES TAX	217.38 .
Ravin 3737	1-1-		ESTIMATED	Gainal
			TOTAL	dif Wolf
AUTHORIZTION	ent for and	TITLE /100 Mealue	DATE 7-8-	v =

AUTHORIZTION \_\_\_\_\_\_ DATE \_\_\_\_\_ DATE \_\_\_\_\_\_ DATE \_\_\_\_\_ DATE \_\_\_\_\_\_ DATE \_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE \_\_\_\_\_\_\_\_\_\_DATE \_\_\_\_\_\_\_\_\_\_\_\_\_DATE \_\_\_\_\_\_\_\_\_\_\_

		RE	MIT TO		ECEIVED	MAIN OFFICE
	ONSOLIDATED Oil Well Services, LLC	De P.O.I	Box 4346 620/431-9210,1			P.O.Box884 Chanute,KS 66720 0,1-800/467-8676 Fax 620/431-0012
Invoice				Invoice#		023
Invoice Date:	: 07/22/15		Terms: Net 30		Page	1
4924 SE 84T	ETROLEUM, INC. TH STREET S 67114-8827		JUNI	OR MAGLEY TF	RUST #1	
======================================	Description		Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Ch	arge 0 - 1500'	1.000	1,500.0000	30.000	1,050.00
CE0002	Equipment Mileag Equipment	e Charge - Heavy	50.000	7.1500	30.000	250.25
CE0710	Cement Delivery	Charge	1.000	903.0000	30.000	632.10
CC5829	Lite-Weight Blend	V (60:40:4)	240.000	16.0000	30.000	2,688.00
CC6075	Celloflake		60.000	3.0000	30.000	126.00
CP8228	8 5/8" Wooden Pl	ug	1.000	165.0000	30.000	115.50
					Subtotal	6,945.50
				Discounte	ed Amount	2,083.65
				SubTotal Afte	r Discount	4,861.85
				Amount   ===========	Due 7,301.23 lf	paid after 08/21/15 =======
					Tax:	249.01
					Total:	5,110.86

EL DORADO,KS 316/322-7022

EUREKA, KS 620/583-7554

PONCA CITY, OK 580/762-2303

OAKLEY, KS 785/672-8822 OTTAWA, KS 785/242-4044

THAYER, KS 620/839-5269

GILLETTE, WY 307/686-4914

CUSHING, OK 918/225-2650

3545	
	TICK
. 3463	LOC
INVOICE # 805023 FIELD TICKET & TREATMENT	FOR
FIELD TICKET & TREATMENT	REPORT

46624
Julley KS
Jult Dinkel

РÒ	Box	884,	Cha	nute,	KS	66720
620	-431	-921(	) or	800-	467-	8676

りん

CONSOLIDATED Gil Well Services, LLC

	or 800-467-8676			CEMENT	-			Ks
DATE	CUSTOMER #	WELL	NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
7-17-15	6285	JUNIAR	· Magl	on Tenst#1	28	55	$37\omega$	Chasenna
USTOMER	$\sum_{i}$	$\frown$ $\downarrow$ $\downarrow$		Brewster				6
AILING ADDRE	alonono	Potrole	141	north-to -	TRUCK#	DRIVER	TRUCK#	DRIVER
	200			Cil. 4 West to	131 -	Jeranay	B. 3.5W	
ITY		STATE	ZIP CODE	Rd 34	6931	311-518	pper 3.Sh	
<b>211 T</b>		SIAIL		3N tuROD-		1		
			5/7/-	2 West +032		<u> </u>		
			77/8	HOLEDEPTH	_5020"	CASING SIZE & V		
ASING DEPTH		DRILL PIPE 4/	<u>2 XH - 3110</u>				OTHER	
LURRY WEIGH	-	SLURRY VOL		WATER gal/sk	A 111111	CEMENT LEFT in	CASING	
DISPLACEMENT	A	DISPLACEMENT		MIX PSI	!	RATE		
REMARKS:		in Locat	ion on	WW#	12, Hau	ve Sataty	Meetins,	
Plug	, as ord	lored						
50		BH0,						
100	SKSD	2150'						
50	SKSD	360'						
10	SKS D	40'						
30	SKS IN B.	<u> </u>						
						Thank		
		r				······································	Waltte	ven
ACCOUNT CODE	QUANITY	or UNITS	DE	ESCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
°eo 450-	A 1		PUMP CHARG	GE GE			1,500-00	1,500-00
Ce0002 -	51	5	MILEAGE				7:15	3575
Cen TID	10	29	Ton	Wilcaso	Charce		175	90300
-eo no		2- <b>2</b>		a ne as e				
CC.5829 .	240	2 5/(s	1.70	1 Joseph +	Blend	$\mathbf{V}$	1600	28400
CC60750		,∉,(S	Carl	Flair 1 S	- Discus	<b>X</b>	3.00	180-00
P8228			85/8	Lococlon	N		16500	16500
<u>F8228</u>	¶		878	LJOCICLON	_Plug		E.	14 A 7 1
			. <u> </u>		······			<u>*</u> *
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		+						
								6,945 5
							30% Disc	6,945 <u>5</u> -2,083 65
							30%Disc	6,945 20 -2,083 65 4,861 85
							30%Disc.	6,945 <u>20</u> -2,083 <u>65</u> 4,861 <u>85</u> <b>249.0</b>
avin 3737								6,945 20 -2,083 <u>65</u> 4,861 <u>85</u> 249.0 5110 0

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



# DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum

4294 SE 84th St. Newton, KS 67114

ATTN: Nicholas Gerstner

#### 28-5-37w Cheyenne,KS

## Junior Magley Trust #1

Start Date:	2015.07.13 @	02:20:00	
End Date:	2015.07.13 @	09:11:30	
Job Ticket #:	53442	DST #:	1

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

RILOBITE	Palomino Petroleum			aior Mod		4 #4	
TESTING, INC			Jui	nor waę	gley Trus	50 # 1	
	4294 SE 84th St. New ton, KS 67114		28-	5-37w C	heyenne	,KS	
	New (01, KS 07 114		Job	Ticket: 53	3442	DST#:	1
	ATTN: Nicholas Gerstner		Tes	t Start: 20	)15.07.13 @	02:20:00	
GENERAL INFORMATION:							
Formation:Toronto - LKC "C"Deviated:NoWhipstock:Time Tool Opened:04:19:40Time Test Ended:09:11:30	ft (KB)		Tes	ter: I	Conventiona Kevin Mack 82	al Bottom Ho	ole (Initial)
Interval:         4202.00 ft (KB) To         43           Total Depth:         4314.00 ft (KB) (TV         1000 ft (KB)         1000 ft (KB)           Hole Diameter:         7.88 inchesHole         1000 ft (KB)         1000 ft (KB)			Ref	erence Ele KB t	evations:		ft (KB) ft (CF) ft
					- · ·		
Serial #:         8653         Outside           Press@RunDepth:         432.77 psig           Start Date:         2015.07.13           Start Time:         02:21:00	<ul> <li>4203.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2015.07.13 09:11:30		b.: Btm: 2	2015.07.13	8000.00 2015.07.13 @ 04:18:10 @ 06:31:30	,; ;
30 - FF- BoB in 8 30 - FS⊦ No Retu							
30 - FS⊦ No Retu	Irn						
30 - FSI- No Retu Pressure vs. T 000 Pressure	irn: محمد المحمد الم	Time	PI Pressure	RESSUF Temp	RE SUMM		
30 - FSI- No Retu Pressure vs. T 229	in.	(Min.)	Pressure (psig)	Temp (deg F)	Annotati	on	
30 - FSI- No Retu Pressure vs. T 000 Pressure	irn: محمد المحمد الم	' (Min.) 0	Pressure (psig) 1987.13	Temp (deg F) 126.62	Annotati	on ro-static	
30 - FSI- No Retu Pressure vs. T 229	ITN BSS Torpordure BSS Torpordure Torpo	(Min.) 0 2 31	Pressure (psig) 1987.13 102.35	Temp (deg F) 126.62 126.71	Annotati Initial Hydr	ro-static Flow (1)	
30 - FSI- No Retu	ITN 855 Torpordure 855 Torpordure	(Min.) 0 2 31 73	Pressure (psig) 1987.13 102.35 286.22 1241.46	Temp (deg F) 126.62 126.71 137.08 135.39	Annotati Initial Hydr Open To F Shut-In(1) End Shut-	ro-static Flow (1) In(1)	
30 - FSI- No Retu	ITN BSS Torpordure BSS Torpordure Torpo	(Min.) 0 2 31 73 75	Pressure (psig) 1987.13 102.35 286.22 1241.46 327.43	Temp (deg F) 126.62 126.71 137.08 135.39 135.60	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F	ro-static Flow (1) In(1) Flow (2)	
30 - FSI- No Retu	Irn me BD3 temperature Free free free free free free free free	(Min.) 0 2 31 73 75 101 129	Pressure (psig) 1987.13 102.35 286.22 1241.46 327.43 432.77	Temp (deg F) 126.62 126.71 137.08 135.39 135.60	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2)	on ro-static Flow (1) In(1) Flow (2)	
20 - FSI- No Retu		(Min.) 0 2 31 73 75 101 129 134	Pressure (psig) 1987.13 102.35 286.22 1241.46 327.43 432.77 1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	on ro-static Flow (1) In(1) Flow (2) In(2)	
30 - FSI- No Retu	ITT ince BOD Tomporate BOD Tomporate Tom	(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	on ro-static Flow (1) In(1) Flow (2) In(2)	
30 - FSI- No Retu		(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	on ro-static Flow (1) In(1) Flow (2) In(2)	
30 - FSI- No Retu		(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45 136.30	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	on ro-static Flow (1) In(1) Flow (2) In(2)	
30 - FSI- No Retu		(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45 136.30	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) ro-static	Sas Rate (Mcf/d)
30 - FSI- No Retu		(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45 136.30	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) ro-static	Bas Rate (Mcf/d
30 - FSI- No Return Pressure vs. Tr 200 200 200 200 200 200 200 20	ITN	(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45 136.30	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) ro-static	Sas Rate (Mcf/d
30 - FSI- No Returners. The second se	ITTI	(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45 136.30	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) ro-static	Sas Rate (Mcf/d
30 - FSI- No Return Pressure vs. T DEDIFICIAL TO DESCRIPTION TO DESCRIP	ITTI	(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45 136.30	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) ro-static	Bas Rate (Mcf/d
30 - FSI- No Retu Pressure vs. Tr 200 200 200 200 200 200 200 20	ITT ime DEST Inspersive DEST Inspersi	(Min.) 0 2 31 73 75 101 129 134	Pressure (psig)           1987.13           102.35           286.22           1241.46           327.43           432.77           1199.76	Temp (deg F) 126.62 126.71 137.08 135.39 135.60 139.70 138.45 136.30	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	on ro-static Flow (1) In(1) Flow (2) In(2) ro-static	Sas Rate (Mcf/d

Printed: 2015.07.20 @ 11:47:17

A DA'	RILOBITE	DRILL STEM TE	ST REP	ORT			
	And a state of the	Palomino Petroleum		Jur	nior Ma	gley Trus	t #1
翻	ESTING , INC	4294 SE 84th St.		28-	5-37w C	Cheyenne	,KS
		Newton, KS 67114		Job	Ticket: 5	3442	DST#:1
NDY.		ATTN: Nicholas Gerstner		Tes	t Start: 2	015.07.13 @	02:20:00
GENERAL	INFORMATION:						
Formation:	Toronto - LKC "C"						
Deviated:	No Whipstock: ened: 04:19:40	ft (KB)		Tes Tes	• •	Convention: Kevin Mack	al Bottom Hole (Initial)
-	ded: 09:11:30					82	
nterval:	4202.00 ft (KB) To 43	314.00 ft (KB) (TVD)		Ref	erence E	evations:	3357.00 ft (KB)
otal Depth:	4314.00 ft (KB) (T	VD)					3349.00 ft (CF)
-lole Diameter	r: 7.88 inchesHole	e Condition: Good			KB	to GR/CF:	8.00 ft
Serial #: 8	8520 Inside	WWW					
Press@RunD		-		Capacity			8000.00 psig
Start Date: Start Time:	2015.07.13 02:21:00	End Date: End Time:	2015.07.13 09:13:00	Last Cali Time On			2015.07.13
dat inc.	02.21.00		03.15.00	Time Off			
	Pressure vs. 7	Fone 853 Torporáne	Time			RE SUMN	
2220	250 Pressure	853 Tomposiure	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotati	on
2000					,		
1750							
<b>1500</b>							
1270	1 0						
<b>1000</b>	f						
750							
500							
250	1 2						
-0							
344 Man Jul 2015	M GAM Time (Hours)						
	Recovery				Ga	as Rates	
Length (ft)	Description	Volume (bbl)			Choke	(inches) Press	ure (psig) Gas Rate (Mcf/d)
183.00	MW 10M 90W	1.48					
252.00 189.00	MW 20M 80W MW 40M 60W	3.53 2.65					
252.00	WM 40W 60M	3.53					
151.00	Mud 100M	2.12					
.01.00							
0.00	Show of oil spots in tool	0.00					

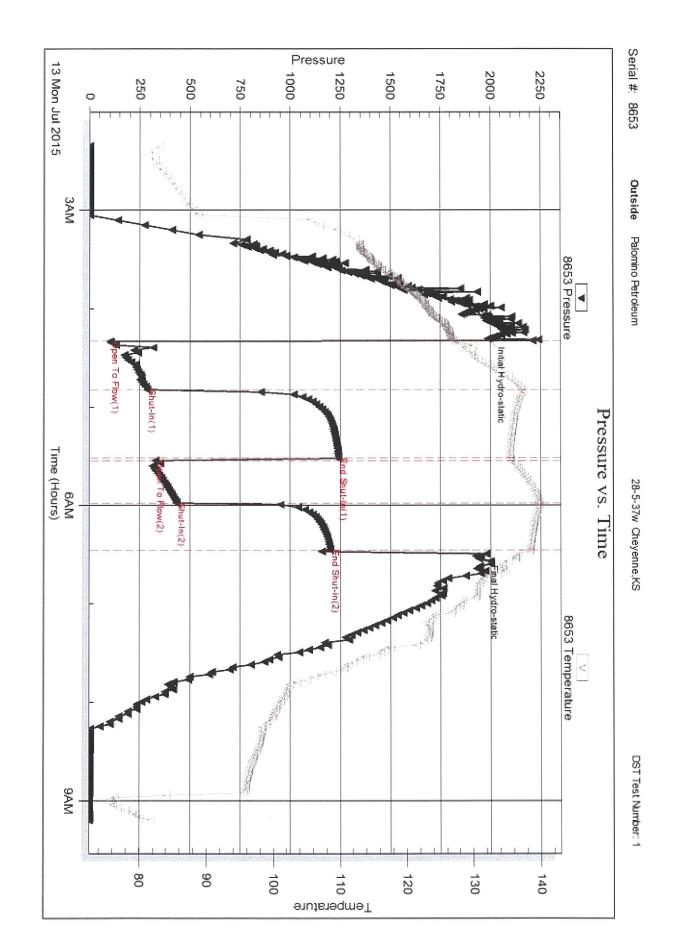
	<b>OBITE</b>	Palomin	o Petroleur	n		Junior Magle	v Trus	t #1
TEN TE	STING , INI	2				-	-	
	2111 <b>9</b> 7 1 111	-720-7 0	E84th St. n, KS-6711	4		28-5-37w Che		
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-1		Job Ticket: 53442	2	DST#:1
		ATTN:	Nicholas (	Gerstner		Test Start: 2015.	07.13 @	02:20:00
Tool Information								
Drill Pipe: Lengt	h: 4075.00 ft	Diameter:	3.80	inches Volume:	57.16 bbl	Tool Weight:		2500.00 lb
Heavy Wt. Pipe: Lengt	h: 0.00 ft	Diameter:	0.00	inches Volume:	0.00 bbl	Weight set on	Packer:	25000.00 lb
Drill Collar: Lengt	h: 119.00 ft	Diameter:	2.25	inches Volume:	0.59 bbl		Loose:	80000.00 lb
Drill Pipe Above KB:	20.00 ft			Total Volume:	57.75 bbl			ft
Depth to Top Packer:	4202.00 ft					String Weight:		60000.00 lb
Depth to Bottom Packer:							Final	74000.00 lb
Interval betw een Packer								
Tool Length:	140.00 ft							
Number of Packers:	2	Diameter:	6.75	inches				
Tool Comments:								
	Le	ength (ft)	Serial No	. Position	Depth (ft)	Accum. Lengths		
Tool Description	Le	e <b>ngth (ft)</b> 1.00	Serial No	o. Position	<b>Depth (ft)</b> 4175.00	Accum. Lengths		
Tool Description	Le		Serial No	. Position		Accum. Lengths		
<b>Tool Description</b> Change Over Sub Shut In Tool	Le	1.00	Serial No	o. Position	4175.00	Accum. Lengths		
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars	Le	1.00 5.00	Serial No	o. Position	4175.00 4180.00	Accum. Lengths		
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars	Le	1.00 5.00 5.00	Serial No	o. Position	4175.00 4180.00 4185.00	Accum. Lengths		
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Le	1.00 5.00 5.00 5.00	Serial No	o. Position	4175.00 4180.00 4185.00 4190.00	Accum. Lengths		Bottom Of Top Pack
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	Le	1.00 5.00 5.00 5.00 3.00	Serial No	. Position	4175.00 4180.00 4185.00 4190.00 4193.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00	Serial No	. Position	4175.00 4180.00 4185.00 4190.00 4193.00 4198.00 4202.00 4202.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00			4175.00 4180.00 4185.00 4190.00 4193.00 4198.00 4202.00 4202.00 4202.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb Recorder	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00	8653	6 Outside	4175.00 4180.00 4185.00 4190.00 4193.00 4198.00 4202.00 4202.00 4203.00 4203.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb Recorder Recorder	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00		6 Outside	4175.00 4180.00 4185.00 4190.00 4193.00 4198.00 4202.00 4202.00 4202.00 4203.00 4203.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 10.00	8653	6 Outside	4175.00 4180.00 4185.00 4190.00 4193.00 4198.00 4202.00 4202.00 4202.00 4203.00 4203.00 4203.00 4213.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations Change Over Sub	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 1.00 1.00	8653	6 Outside	4175.00 4180.00 4185.00 4190.00 4193.00 4193.00 4202.00 4202.00 4202.00 4203.00 4203.00 4203.00 4213.00 4214.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 10.00 1.00 94.00	8653	6 Outside	4175.00 4180.00 4185.00 4190.00 4193.00 4198.00 4202.00 4202.00 4203.00 4203.00 4203.00 4203.00 4213.00 4214.00 4308.00			Bottom Of Top Pack
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 1.00 1.00	8653	6 Outside	4175.00 4180.00 4185.00 4190.00 4193.00 4193.00 4202.00 4202.00 4202.00 4203.00 4203.00 4203.00 4213.00 4214.00			
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 10.00 1.00 94.00	8653	6 Outside	4175.00 4180.00 4185.00 4190.00 4193.00 4193.00 4202.00 4202.00 4203.00 4203.00 4203.00 4203.00 4213.00 4214.00 4308.00		Bot	Bottom Of Top Pack

	TRILOBITE	DRI	LL STEM TEST REPOR	Т	FL	UID SUMMAR	
相	Concernance of the second s	Palomir	no Petroleum	Junior Ma	agley Trust #1		
	ESTING , INC		E 84th St. n, KS 67114	<b>28-5-37w</b> Job Ticket: {	Cheyenne,KS	DST#: 1	
		ATTN:	Nicholas Gerstner		2015.07.13 @ 02:2		
Aud and Cu	shion Information						
			Out him Turney				
Nud Type: Ge	9.00 lb/gal		Cushion Type:	<i>E</i> 1	Oil API:	deg API	
/lud Weight: /iscosity:	48.00 sec/qt		Cushion Length: Cushion Volume:	ft bbl	Water Salinity:	39000 ppm	
Vater Loss:	7.98 in <sup>3</sup>			וממ			
			Gas Cushion Type:				
lesistivity:	0.00 ohm.m		Gas Cushion Pressure:	psig			
alinity: ilter Cake:	1000.00 ppm 1.00 inches						
Recovery In							
	ionnu ion		Recovery Table				
	Lengt ft	h	Description	Volume bbl			
		183.00	MW 10M 90W	1.48	3		
		252.00	MW 20M 80W	3.53			
		189.00	MW 40M 60W	2.65			
		252.00	WM 40W 60M	3.53			
		151.00	Mud 100M	2.11			
		0.00	Show of oil spots in tool	0.00			
	Num Fluid Sampl Laboratory Nam Recovery Comm	e:	Num Gas Bombs: 0 Laboratory Location: V.19 @ 70 deg = 39000ppm	Serial #	<u>4</u>		

Printed: 2015.07.20 @ 11:47:18

Ref. No: 53442

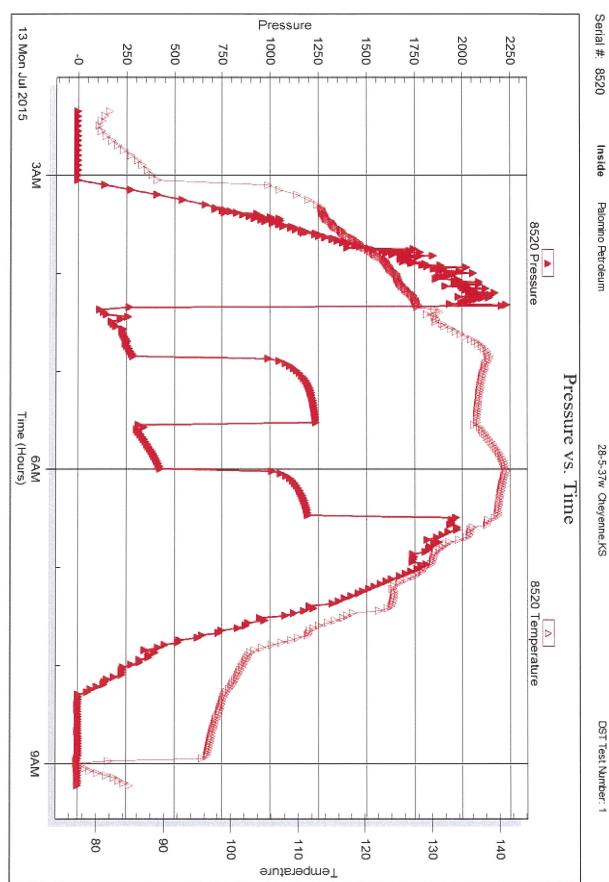
Trilobite Testing, Inc



Printed: 2015.07.20 @ 11:47:19

Ref. No: 53442

Trilobite Testing, Inc



DST Test Number: 1



# DRILL STEM TEST REPORT

Prepared For:

**Palomino Petroleum** 

4294 SE 84th St. Newton, KS 67114

ATTN: Nicholas Gerstner

#### 28-5-37w Cheyenne,KS

### Junior Magley Trust #1

 Start Date:
 2015.07.14 @ 04:20:00

 End Date:
 2015.07.14 @ 11:22:08

 Job Ticket #:
 53443
 DST #:
 2

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

Palomino Petroleum Junior Magley Trust #1 28-5-37w Cheyenne,KS DST # 2 LKC "H-J" 2015.07.14

( ) <b>_4</b> ())	RILOBITE	Palomino Petroleum	-			nion Mo		w. cont. ddd		
一面	ESTING , INC				Jui	nior Mag	giey i	rust#1		
鱩	I LOTING , MU	4294 SE 84th St. New ton, KS 67114				-5-37w C	-			
						Ticket: 53			DST#: 2	
THE ACT .		ATTN: Nicholas Gerst	ner		Tes	t Start: 20	015.07.1	14 @ 04:2	0:00	
GENERAL	INFORMATION:									
	LKC "H-J" No Whipstock: ened: 06:31:22 ded: 11:22:08	ft (KB)			Tes		Conven Kevin N 82		om Hol	e (Initial)
Interval:4343.00 ft (KB) To4451.00 ft (KB) (TVTotal Depth:4451.00 ft (KB) (TVD)Hole Diameter:7.88 inchesHole Condition:					Ref	erence Ee	evations to GR/C	33		ft (KB) ft (CF) ft
									0.00	· · · · · · · · · · · · · · · · · · ·
Serial #: 4 Press@RunE Start Date: Start Time:		@ 4344.00 ft (KB) End Date: End Time:		2015.07.14 11:22:08	Capacity Last Cali Time On Time Off	b.: Btm: 2				psig
TEST CON	IMENT: 30 - IF- BoB in 7 30 - ISH No Retur 30 - FF- BoB in 8 30 - FSH No Reur	n Min.								
TEST COM	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n		I	PI	RESSUF	RE SU	MMARY	·	
TEST COM	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur	n Min. n	#00	Time (Min.)	Pressure (psig)	RESSUF Temp (deg F)		MMARY		
E	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n	- 150 	(Min.) 0	Pressure (psig) 2267.43	Temp (deg F) 127.68	Anno Initial I	otation Hydro-stat	tic	
228	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n	-	(Min.) 0 1	Pressure (psig) 2267.43 57.82	Temp (deg F) 127.68 126.17	Anno Initial I Open	otation Hydro-stat To Flow (1	tic	
229	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n		(Min.) 0	Pressure (psig) 2267.43	Temp (deg F) 127.68 126.17 146.07	Anno Initial I Open Shut-I	otation Hydro-stat To Flow (1	tic	
2233	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n		(Min.) 0 1 30	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76	Temp (deg F) 127.68 126.17 146.07 143.60 142.59	Anno Initial H Open Shut-I End Si Open	-tydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2	lic  )	
2220	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n		(Min.) 0 1 30 60 60 93	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48	Anno Initial I Open Shut-I End S Open Shut-I	-tydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2)	lic  )	
2220	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n		(Min.) 0 1 30 60 60	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08	Anno Initial I Open Shut-I End S Open Shut-I End S	-tydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2	tic  ) 2)	
2230 2230 1730 12 12 12 12 12 12 12 12 12 12	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13	n Min. n	- 140 - 100 - 100	(Min.) 0 1 30 60 60 93 123	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87 1304.63	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08	Anno Initial I Open Shut-I End S Open Shut-I End S	-tydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2) hut-ln(2)	tic  ) 2)	
2229 2000 1799 1290 1200	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. The pressure vs. The pr	n Min. n	- 140 - 100 - 100	(Min.) 0 1 30 60 60 93 123	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87 1304.63	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08 143.73	Anno Initial I Open Shut-I End S Open Shut-I End S	-lydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2) hut-ln(2) tydro-stat	tic  ) 2)	
2230 2230 1730 12 12 12 12 12 12 12 12 12 12	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Retur Pressure vs. The solution of the solution of the solution of the solution of the solut	n Min. n	- 140 - 130 - 100 - 100 - 100 - 00 - 50	(Min.) 0 1 30 60 60 93 123	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87 1304.63	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08 143.73	Anno Initial I Open Shut-I End S Open Shut-I End S Final I	-lydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2) hut-ln(2) tydro-stat	tic  ) 2) ic	ss Rate (Mcf/d
2253 2000 1793 1793 1200 1259	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. The pressure vs. The pr	n Min. n	- 140 - 130 - 100 - 100 - 100 - 00 - 50	(Min.) 0 1 30 60 60 93 123	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87 1304.63	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08 143.73	Anno Initial I Open Shut-I End S Open Shut-I End S Final I	hydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2) hut-ln(2) hydro-stat	tic  ) 2) ic	is Rate (Mcf/d
223)	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. The pressure vs. The pr	n Min. n Ince RCO Torputace	- 140 - 130 - 100 - 100 - 100 - 00 - 50	(Min.) 0 1 30 60 60 93 123	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87 1304.63	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08 143.73	Anno Initial I Open Shut-I End S Open Shut-I End S Final I	hydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2) hut-ln(2) hydro-stat	tic  ) 2) ic	as Rate (Mcf/d
2230 2000 1739 2000 1739 2000 1739 2000 1739 2000 1739 2000 1739 2000 1739 2000 1739 17 17 17 17 17 17 17 17 17 17 17 17 17 1	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. The scattering of the second sec	n Min. n Ime RCD Temporate Market Mar	- 140 - 130 - 100 - 100 - 100 - 00 - 50	(Min.) 0 1 30 60 60 93 123	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87 1304.63	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08 143.73	Anno Initial I Open Shut-I End S Open Shut-I End S Final I	hydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2) hut-ln(2) hydro-stat	tic  ) 2) ic	is Rate (Mcf/c
zza	30 - ISI- No Retur 30 - FF- BoB in 8 30 - FSI- No Reur Pressure vs. 13 500 mars 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n Min. n	- 140 - 130 - 100 - 100 - 100 - 00 - 50	(Min.) 0 1 30 60 60 93 123	Pressure (psig) 2267.43 57.82 289.29 1310.19 281.76 487.87 1304.63	Temp (deg F) 127.68 126.17 146.07 143.60 142.59 146.48 145.08 143.73	Anno Initial I Open Shut-I End S Open Shut-I End S Final I	hydro-stat To Flow (1 n(1) hut-ln(1) To Flow (2 n(2) hut-ln(2) hydro-stat	tic  ) 2) ic	ss Rate (Mcf/d

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RILOBITE		ST REP	ORI			
	Palomino Petroleum		Junior M	agley Tru	ust #1	
ESTING ,	4294 SE 84th St.		28-5-37w	Cheyenr	ne,KS	
	New ton, KS 67114		Job Ticket:	53443	DST	#:2
NOV .	ATTN: Nicholas Gerstner		Test Start:	2015.07.14	@ 04:20:00	)
GENERAL INFORMATION:						
Formation: LKC "H-J" Deviated: No Whipsto Time Tool Opened: 06:31:22 Time Test Ended: 11:22:08	ck: ft (KB)		Test Type: Tester: Unit No:	Conventic Kevin Mac 82		Hole (Initial)
Total Depth: 4451.00 ft (KB	<b>4451.00 ft (KB) (TVD)</b> ) (TVD) sHole Condition: Good		Reference Kl	Elevations: B to GR/CF:	3349.0	00 ft(KB) 00 ft(CF) 00 ft
Serial #: 8653OutsidePress@RunDepth:pStart Date:2015.07Start Time:04:21		2015.07.14 11:20:30	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000. 2015.07.	00 psig 14
	e vs. Time		PRESSI	JRE SUM	MARY	NT-PL
200 Pears 200	ADD Improdum		Pressure Temp (psig) (deg F	1	ation	
Recov	ery		·	Bas Rates		
Length (ft) Description	Volume (bbl)		Chok	æ (inches) Pre	ssure (psig)	Gas Rate (Mcf/d)
	0.02					
5.00 Mud (Heay)		1				
5.00         Mud (Heay)           682.00         MW 5M 95W	8.53					
5.00         Mud (Heay)           682.00         MW 5M 95W           189.00         MW 20M 80W	2.65					
5.00         Mud (Heay)           682.00         MW 5M 95W	2.65 2.19					

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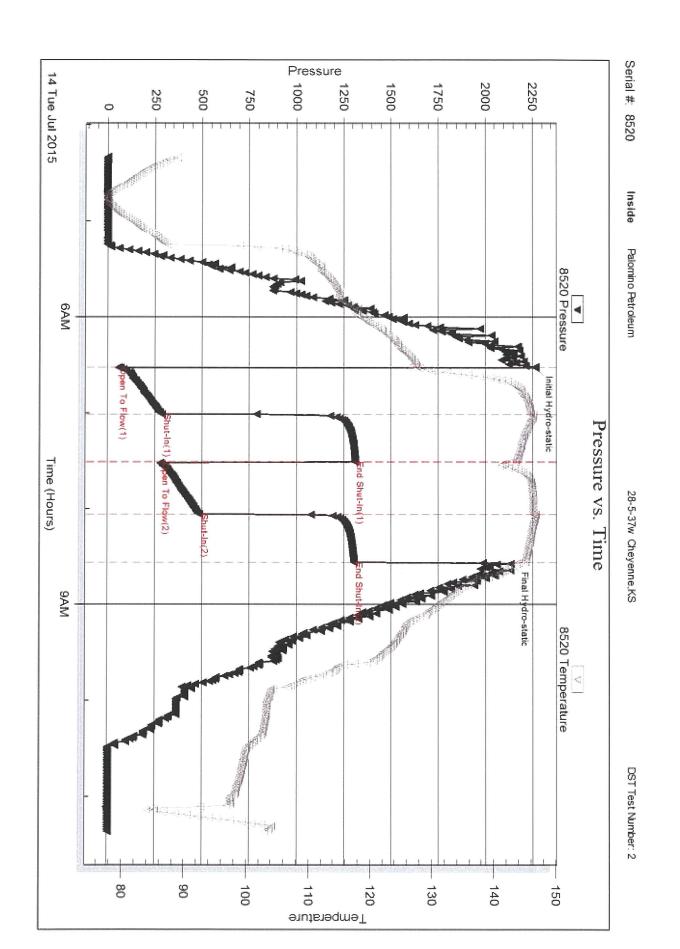
RILOBITE	raionai	no Petroleum			Junior Magley T	rust #1
ESTING	G, INC 4294 S	E 84th St.			28-5-37w Cheyen	
	12010	n, KS 67114			Job Ticket: 53443	DST#: 2
		Nicholas Ger	stner		Test Start: 2015.07.1	
·nj•=s]•		Nicholas Ger	Stier	<u></u>		
Tool Information						
Drill Pipe: Length: 420	01.00 ft Diameter:	3.80 inc	ches Volume:	58.93 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Diameter:	0.00 inc	ches Volume:	0.00 bbl	Weight set on Pac	ker: 25000.00 lb
Drill Collar: Length: 11	19.00 ft Diameter:	2.25 inc	ches Volume:	0.59 bbl	Weight to Pull Loos	
Drill Pipe Above KB:	5.00 ft	-	Total Volume:	59.52 bbl	Tool Chased	ft
•	43.00 ft				String Weight: Initi	
Depth to Bottom Packer:	ft				Fina	al 75000.00 lb
•	08.00 ft					
Tool Length: 13	36.00 ft					
Number of Packers:	2 Diameter:	6.75 inc	ches			
To al Commonto :						
Tool Description	Length (ft)	Serial No.	Position		Accum. Lengths	
Tool Comments: Tool Description Change Over Sub	Length (ft) 1.00	Serial No.	Position	<b>Depth (ft)</b> 4316.00	Accum. Lengths	
<b>Tool Description</b> Change Over Sub Shut In Tool	1.00	Serial No.	Position	4316.00 4321.00	Accum. Lengths	
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool	1.00 5.00 5.00	Serial No.	Position	4316.00 4321.00 4326.00	Accum. Lengths	
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars	1.00 5.00 5.00 5.00	Serial No.	Position	4316.00 4321.00 4326.00 4331.00	Accum. Lengths	
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	1.00 5.00 5.00 5.00 3.00	Serial No.	Position	4316.00 4321.00 4326.00 4331.00 4334.00		
<b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	1.00 5.00 5.00 5.00 3.00 5.00	Serial No.	Position	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00	Accum. Lengths	Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	1.00 5.00 5.00 5.00 3.00 5.00 4.00	Serial No.	Position	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00	Serial No.	Position	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00 4343.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	1.00 5.00 5.00 5.00 3.00 5.00 4.00	Serial No.	Position	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00			4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00 4343.00 4344.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder	1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00	8653	Outside	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00 4343.00 4344.00 4344.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Perforations	1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00	8653	Outside	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00 4343.00 4344.00 4344.00 4344.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations Change Over Sub	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00 6.00	8653	Outside	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00 4343.00 4344.00 4344.00 4344.00 4350.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb Recorder	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00 6.00 1.00	8653	Outside	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00 4343.00 4344.00 4344.00 4344.00 4350.00 4351.00		Bottom Of Top Packe
Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 6.00 1.00 94.00	8653	Outside	4316.00 4321.00 4326.00 4331.00 4334.00 4339.00 4343.00 4343.00 4344.00 4344.00 4344.00 4351.00 4351.00		Bottom Of Top Packe

	E	DRI	LL STEM TEST REPO	RT	FI	UID SUMMARY
	1	Palomir	no Petroleum	Junior M	agley Trust #1	
ESTIN	IG , INC		E 84th St. n, KS 67114	<b>28-5-37w</b> Job Ticket:	Cheyenne,KS	DST#:2
		ATTN:	Nicholas Gerstner		2015.07.14 @ 04:2	
Mud and Cushion Infor	mation					
Mud Type: Gel Chem			Cushion Type:		Oil API:	deg API
Mud Weight: 9.00 lb/g			Cushion Length:	ft	Water Salinity:	40000 ppm
Viscosity: 50.00 sec	c/qt		Cushion Volume:	bbl		
Water Loss: 9.58 in <sup>3</sup>			Gas Cushion Type:	•.		
Resistivity: 0.00 ohn			Gas Cushion Pressure:	psig		
Salinity: 2800.00 ppn Filter Cake: 1.00 incl						
						497976
Recovery Information			Recovery Table			
				) (alian		
	Length ft		Description	Volume bbl		
		5.00	Mud (Heay)	0.02	25	
		32.00	MW 5M 95W	8.52		
		39.00	MW 20M 80W	2.65		
		6.00	MW 40M 60W	2.18		
		0.00	Show of oil sopts in tool	0.00	00	
Total	Length:	1032	.00 ft Total Volume: 13.392 l	bbl		
	Fluid Sample:		Num Gas Bombs: 0	Serial	#:	
	atory Name:		Laboratory Location:			
Kecov	very Comme	nts: RV	V = .16 @ 83 deg. = 40,000ppm			
			-f No. 52442		+ 0045 07 00 0 4	

Printed: 2015.07.20 @ 11:46:55

Ref. No: 53443

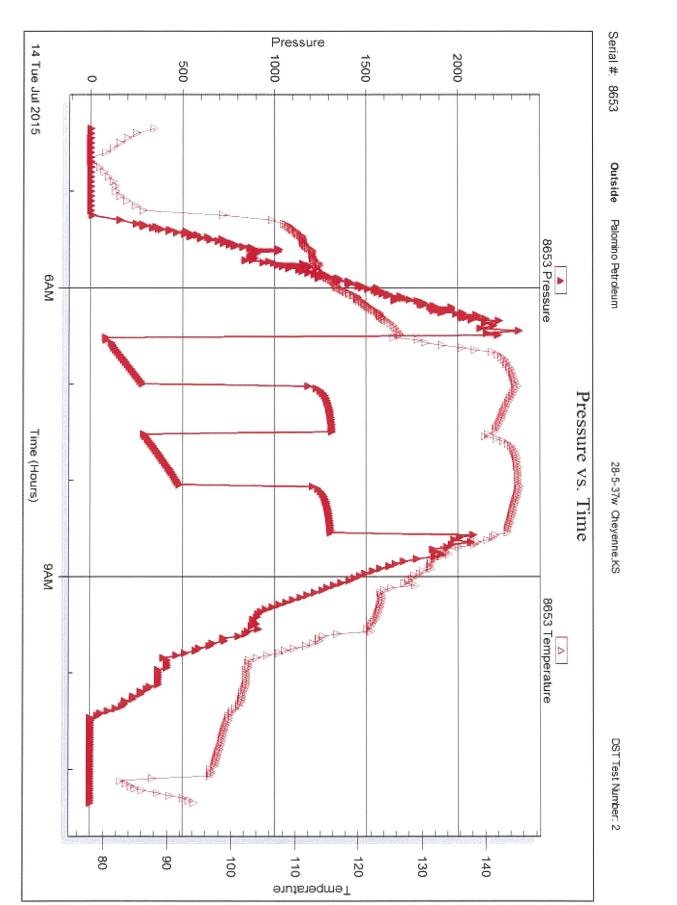
Tritobite Testing, Inc.





Triobite Testing, Inc







# DRILL STEM TEST REPORT

Prepared For:

**Palomino Petroleum** 

4294 SE 84th St. Newton, KS 67114

ATTN: Nicholas Gerstner

#### 28-5-37w Cheyenne,KS

## Junior Magley Trust #1

Start Date:	2015.07.14 @	23:35:00	
End Date:	2015.07.15 @	06:18:00	
Job Ticket #:	53444	DST #:	3

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

Printed: 2015.07.20 @ 11:46:17

añs-	RILOBITE	DRILL STEM TE	ST REP	ORT			
		Palomino Petroleum		Junio	r Magley	Trust #1	
	ESTING , INC	4294 SE 84th St.		28-5-3	7w Chey	enne,KS	
翻		Newton, KS 67114		Job Tic	ket: 53444	DST	<b>[#:3</b>
		ATTN: Nicholas Gerstner		Test St	art: 2015.0	7.14 @ 23:35:0	0
GENERAL I	INFORMATION:						
Formation: Deviated: Time Tool Ope Time Test Ende		ft (KB)		Test Ty Tester: Unit No	Kevin	entional Bottom Mack	Hole (Initial)
<b>Interval:</b> Total Depth: Hole Diameter:	<b>4444.00 ft (KB) To 45</b> 4515.00 ft (KB) (T\ 7.88 inchesHole			Refere	nce Elevatio KB to GR	3349	.00 ft (KB) .00 ft (CF) .00 ft
<b>Serial #: 8</b> Press@RunDe Start Date: Start Time:		<ul> <li>4445.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2015.07.15 06:18:00	Capacity: Last Calib.: Time On Btm Time Off Btn		8000 2015.07 .07.15 @ 01:58 .07.15 @ 04:02	:30
	30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retu Pressure vs. T	rn		DDE		UMMARY	
E T	NUSSING VS. 1	2003 Tomponium	Time			nnotation	
2250	1		(Min.) 0		leg F)	al Hydro-static	
1759			2		27.91 Ope	en To Flow (1)	
1520			32 61			ut-In(1) I Shut-In(1)	
1220			a] 61			en To Flow (2)	
1000			92 120		30.84 Shu		
779			<sup>2</sup> 120 124			l Shut-In(2) al Hydro-static	
	Recovery				Gas Ra	ates	
Length (ft)	Description	Volume (bbl)			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
10.00	Mud 100M	0.05					

Printed: 2015.07.20 @ 11:46:17

RILOBITE	DRILL STEM TE					
	Palomino Petroleum		Junio	or Magley Tru	st #1	
ESTING , INC	4294 SE 84th St.		28-5-	37w Cheyenn	e,KS	
	New ton, KS 67114		Job Ti	cket: 53444	DST#: 3	
	ATTN: Nicholas Gerstner		Test Start: 2015.07.14 @ 23:35:00			
GENERAL INFORMATION:						
Formation:       LKC "K-L"         Deviated:       No       Whipstock:         Time Tool Opened:       02:00:00         Time Test Ended:       06:18:00	ft (KB)		Test T Tester Unit N	:: Kevin Mac	nal Bottom Hole (Initial) k	
Interval: 4444.00 ft (KB) To 45	15.00 ft (KB) (TVD)		Refere	ence Elevations:	3357.00 ft (KB)	
Total Depth: 4515.00 ft (KB) (Tv	-				3349.00 ft (CF)	
Hole Diameter: 7.88 inches Hole	Condition: Good			KB to GR/CF:	8.00 ft	
Serial #: 8520 Inside			<b>.</b>		0000 00	
Press@RunDepth: psig ( Start Date: 2015.07.14	@ 4445.00 ft (KB) End Date:	2015.07.15	Capacity: Last Calib.:		8000.00 psig 2015.07.15	
Start Date: 2015.07.14 Start Time: 23:36:00	End Time:	2015.07.15 06:19:00	Time On Bt		2010.07.10	
			Time Off Bt	im:		
Pressure vs. Tr			PRE	ESSURE SUM	MARY	
Pressure vs. 13 RCB Heave	inc 2529 Temperature	Time (Min.)	Pressure	Temp Annota		
	853) Temperature	Time (Min.)	Pressure			
RCG Prosure		(Min.)	Pressure	Temp Annota		
RCG Pressure		∞ (Min.)	Pressure	Temp Annota		
730		ی (Min.) ده	Pressure	Temp Annota		
730		(Min.)	Pressure	Temp Annota		
		so (Min.)	Pressure	Temp Annota		
700 700 700		so (Min.)	Pressure	Temp Annota		
		200 (Min.) 201 100 T 100 T	Pressure	Temp Annota		
		200 (Min.) 201 100 T 100 T	Pressure	Temp Annota		
		200 (Min.) 201 100 T 100 T	Pressure	Temp Annota		
		200 (Min.) 201 100 T 100 T	Pressure	Temp Annota		
SCOPERaure SCOPERAURA SCOPER	Volume (bbl)	200 (Min.) 201 100 T 100 T	Pressure	Gas Rates		
EXPRESSION Tree Plants Recovery		200 (Min.) 201 100 T 100 T	Pressure	Gas Rates	tion	
SCOPERaure SCOPERAURA SCOPER	Volume (bbl)	200 (Min.) 201 100 T 100 T	Pressure	Gas Rates	tion	
The phase of the p	Volume (bbl)	200 (Min.) 201 100 T 100 T	Pressure	Gas Rates	tion	
SCOPERaure SCOPERAURA SCOPER	Volume (bbl)	200 (Min.) 201 100 T 100 T	Pressure	Gas Rates	tion	
The phone The phone	Volume (bbl)	200 (Min.) 201 100 T 100 T	Pressure	Gas Rates	tion	

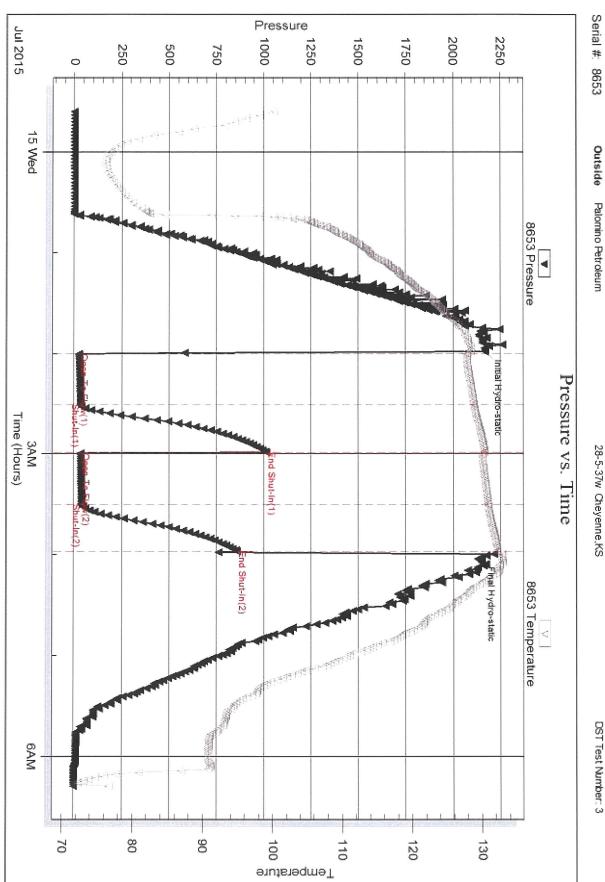
RILOBI	TE	Deleveir	o Dotrolour	•	REPOF		<b>T</b>	
L. The Lat A Reserve and the	1	Palomin	o Petroleun	1		Junior Magley	' Trust #1	
	NG , INC		E84th St.			28-5-37w Chey	enne,KS	
		New ton	, KS 6711	4		Job Ticket: 53444	D	ST#: 3
		ATTN:	Nicholas G	Berstner		Test Start: 2015.0	7.14 @ 23:35	5:00
Tool Information								
Drill Pipe: Length: 4	4327.00 ft	Diameter:	3.80	inches Volume:	60.70 bbl	Tool Weight:	250	0.00 lb
Heavy Wt. Pipe: Length:	0.00 ft	Diameter:	0.00	inches Volume:	0.00 bbl	Weight set on F	Packer: 2500	0.00 lb
Drill Collar: Length:	119.00 ft	Diameter:	2.25	inches Volume:	0.59 bbl	Weight to Pull L	.oose:	lb
Drill Dina Abaya KP:	30.00 ft			Total Volume:	61.29 bbl	Tool Chased		ft
Drill Pipe Above KB: Depth to Top Packer: 4	4444.00 ft					String Weight:		0.00 lb
Depth to Bottom Packer:	ft						Final 6000	0.00 lb
Interval betw een Packers:	71.00 ft							
Tool Length:	99.00 ft							
Number of Packers:		Diameter:	6.75	inches				
Tool Comments:	l en	ath (ff)	Serial No	Position	Denth (ft)	Accum Lengths		
Tool Comments: Tool Description	Len		Serial No	. Position		Accum. Lengths		
Tool Comments: <b>Tool Description</b> Change Over Sub	Len	1.00	Serial No	. Position	4417.00	Accum. Lengths		
Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool	Len		Serial No	. Position		Accum. Lengths		
Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool	Len	1.00 5.00	Serial No	. Position	4417.00 4422.00	Accum. Lengths		
Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars	Len	1.00 5.00 5.00	Serial No	. Position	4417.00 4422.00 4427.00	Accum. Lengths		
Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint	Len	1.00 5.00 5.00 5.00	Serial No	. Position	4417.00 4422.00 4427.00 4432.00	Accum. Lengths	Botte	om Of Top Packe
Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer	Len	1.00 5.00 5.00 5.00 3.00	Serial No	. Position	4417.00 4422.00 4427.00 4432.00 4435.00		Botto	om Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer	Len	1.00 5.00 5.00 5.00 3.00 5.00	Serial No	. Position	4417.00 4422.00 4427.00 4432.00 4435.00 4440.00		Botte	om Of Top Packe
Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale	Len	1.00 5.00 5.00 5.00 3.00 5.00 4.00	Serial No	. Position	4417.00 4422.00 4427.00 4432.00 4435.00 4440.00 4444.00		Botte	om Of Top Packe
Tool Comments: Tool Comments: Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb Recorder	Len	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00	Serial No 8653		4417.00 4422.00 4427.00 4432.00 4435.00 4440.00 4444.00		Botte	om Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb	Len	1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00		Outside	4417.00 4422.00 4427.00 4432.00 4435.00 4440.00 4444.00 4444.00 4445.00		Botte	om Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb Recorder Recorder	Len	1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00	8653	Outside	4417.00 4422.00 4427.00 4432.00 4435.00 4440.00 4444.00 4444.00 4445.00		Botte	om Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Perforations	Len	1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00	8653	Outside	4417.00 4422.00 4427.00 4432.00 4435.00 4440.00 4444.00 4444.00 4445.00 4445.00		Botte	om Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations Change Over Sub		1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00 2.00	8653	Outside	4417.00 4422.00 4427.00 4432.00 4435.00 4440.00 4444.00 4444.00 4445.00 4445.00 4445.00 4445.00		Botte	om Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb Recorder		1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 2.00 1.00	8653	Outside	4417.00 4422.00 4427.00 4432.00 4435.00 4445.00 4444.00 4444.00 4445.00 4445.00 4445.00 4445.00 4445.00 4445.00		Botte	om Of Top Packe
Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe		1.00           5.00           5.00           5.00           3.00           5.00           4.00           0.00           1.00           0.00           2.00           1.00           63.00	8653	Outside	4417.00 4422.00 4422.00 4432.00 4435.00 4435.00 4440.00 4444.00 4444.00 4445.00 4445.00 4445.00 4445.00 4445.00 4447.00 4448.00 4511.00			om Of Top Packe

(Dr. Tou		DRI	LL ST	EM TEST F	REPORT	-		FLUID S	UMMARY
KILL	DBITE	Palomin	o Petroleu	m		Junior Ma	gley Trust #	<b>#1</b>	
	STING , INC	4294 S	E 84th St.			28-5-37w	Cheyenne,K	S	
		New tor	i, KS 6711	14		Job Ticket: 5		DST#: 3	
		ATTN:	Nicholas	Gerstner		Test Start: 2	2015.07.14 @ 2	3:35:00	
Mud and Cushion I	nformation								
Mud Type: Gel Chem				Ishion Type:			Oil API:		deg API
-	)0 lb/gal )0 sec/qt			ushion Length: ushion Volume:		ft bbl	Water Salinity:		ppm
	58 in <sup>3</sup>			as Cushion Type:					
-	00 ohm.m		Ga	as Cushion Pressure	:	psig			
Salinity: 3000.0 Filter Cake: 1.0	)0 ppm )0 inches								
Recovery Informati	on								
			Re	ecovery Table			-		
	Length ft	ו		Description		Volume bbl			
		10.00	Mud 100N	Л		0.049	9		
	Total Length:	10.	00 ft	Total Volume:	0.049 bbl				
	Num Fluid Sample			Num Gas Bombs:	0	Serial #	ŧ		
	Laboratory Name Recovery Comm			Laboratory Locatio	n:				
	Recovery contin	cinto.							

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Ref. No: 53444

Trilobite Testing, Inc



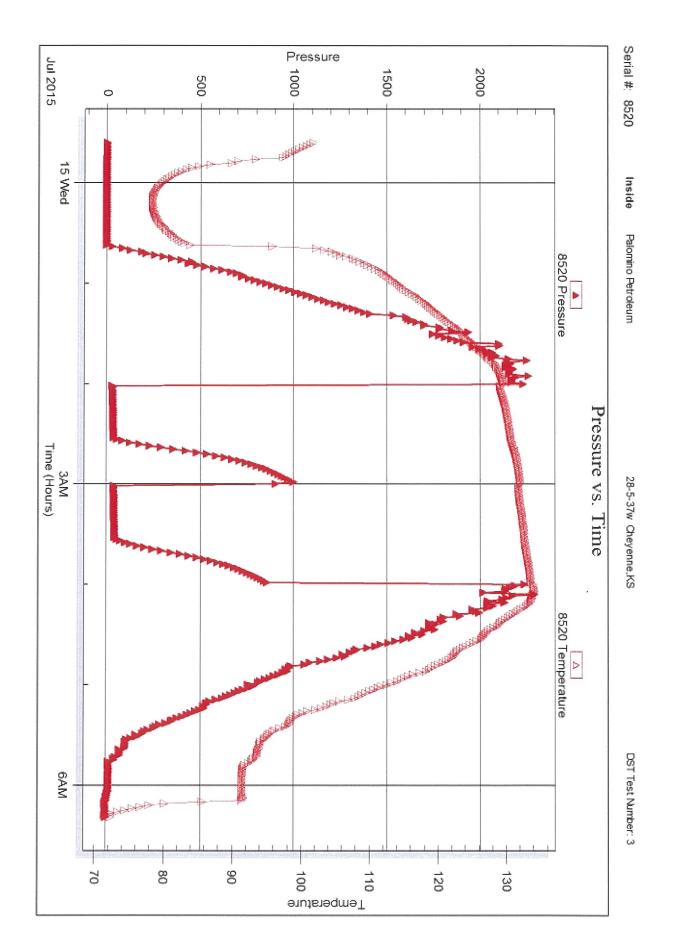
28-5-37w Cheyenne,KS

DST Test Number: 3



Ref. No: 53444

Trilobite Testing, Inc





# DRILL STEM TEST REPORT

Prepared For:

**Palomino Petroleum** 

4294 SE 84th St. Newton, KS 67114

ATTN: Nicholas Gerstner

### 28-5-37w Cheyenne,KS

### Junior Magley Trust #1

 Start Date:
 2015.07.16 @ 01:14:00

 End Date:
 2015.07.16 @ 08:22:00

 Job Ticket #:
 53445
 DST #: 4

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

Printed: 2015.07.20 @ 11:44:47

RILOBITE	Palomino Petroleum		Jur	nior Mag	gley Trus	t #1	
ESTING , INC	4294 SE 84th St.				heyenne		
	New ton, KS 67114			Ticket: 53	-	DST#:4	L
	ATTN: Nicholas Gerstner				)15.07.16 @		
GENERAL INFORMATION:							
Formation:PawneeDeviated:NoWhipstock:Time Tool Opened:03:55:30Time Test Ended:08:22:00	ft (KB)		Test Test Unit	er: I	Conventiona Kevin Mack 82	il Bottom Ho	e (Initial)
Interval:         4622.00 ft (KB) To         46           Total Depth:         4657.00 ft (KB) (TN         4657.00 ft (KB) (TN           Hole Diameter:         7.88 inches Hole			Refe	erence Ele KB t	evations:	3357.00 3349.00 8.00	ft (CF)
Serial #:         8520         Inside           Press@RunDepth:         24.02 psig           Start Date:         2015.07.16           Start Time:         01:15:00	<ul> <li>4623.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2015.07.16 08:22:00	Capacity: Last Calit Time On I Time Off	o.: Btm: :	2015.07.16 2015.07.16		psig
30 - FSI- No Retu Pressure vs. T	me		PF	RESSUF	RE SUMM	ARY	
T 250 Presure	550 Temperature	Time	Pressure	Temp	Annotatio	on	
		(Min.) 0	(psig) 2246.82	(deg F) 131.43	Initial Hydro	o-static	
		2	23.38		Open To F	'low (1)	
		32 62	23.55 28.32		Shut-In(1) End Shut-I	n(1)	
		a 63	23.69		Open To F		
	NK 🔬 🚽	· 93	24.02	135.37	Shut-In(2)		
		-	1				
		-	27.03 2197.43	136.63	End Shut-I Final Hydro		
ο 		â 134	27.03	136.63 138.36	Final Hydro		
The All 2015 The Others		â 134	27.03	136.63 138.36 Ga	Final Hydro	o-static	
500	Volume (bbl)	â 134	27.03	136.63 138.36	Final Hydro	o-static	as Rate (Mcf/d
The Alazes Tree (Hans)		â 134	27.03	136.63 138.36 Ga	Final Hydro	o-static	as Rate (Mct/c
500 The Jul 2015 The phase of the phase	Volume (bbl) 0.02	â 134	27.03	136.63 138.36 Ga	Final Hydro	o-static	as Rate (Mcf/d

Printed: 2015.07.20 @ 11:44:47

RILOBITE	Palomino Petroleum		Junior M	agley Trus	st #1	
ESTING , INC	4294 SE 84th St.			Cheyenne		
	New ton, KS 67114		Job Ticket:	-	DST#:4	
	ATTN: Nicholas Gerstner		Test Start:	2015.07.16 @	ጋ 01:14:00	
GENERAL INFORMATION:						
Formation:     Pawnee       Deviated:     No     Whipstock:       Time Tool Opened:     03:55:30       Time Test Ended:     08:22:00	ft (KB)		Test Type: Tester: Unit No:	Convention Kevin Mack 82	al Bottom Hole (Initial) <	
Interval:         4622.00 ft (KB) To         46           Total Depth:         4657.00 ft (KB) (T∨         10           Hole Diameter:         7.88 inchesHole         10			Reference Elevations: 3357.00 ft (KB 3349.00 ft (CF KB to GR/CF: 8.00 ft			
Serial #: 8653OutsidePress@RunDepth:psigStart Date:2015.07.16Start Time:01:15:00	@ 4623.00 ft (KB) End Date: End Time:	2015.07.16 08:20:30	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2015.07.16	
TEST COMMENT: 30 - FF- 1/4" Blov 30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retu	n	min.				
30 - ISI- No Retur 30 - FF- No Blow	n rn	Time	PRESSU Pressure Temp	JRE SUMN		
30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retur Pressure vs. To 2000	n rn 	- 19 Time (Min.) - 59		Annotat		
30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retur Pressure vs. The second second	n rn 	- 140 Time (Min.) - 120	Pressure Temp	Annotat		
30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retur Pressure vs. The solutions of the solution of the solut	n rn mc nc nc nc nc nc nc nc nc nc nc nc nc nc	- 140 Time (Min.) - 53 - 53 - 53 - 53 - 53 - 53 - 53 - 53	Pressure Temp (psig) (deg F	Annotat		
30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retur Pressure vs. The second second	n rn mc nc nc nc nc nc nc nc nc nc nc nc nc nc	- 140 Time (Min.) - 53 - 53 - 53 - 53 - 53 - 53 - 53 - 53	Pressure Temp (psig) (deg F	Annotat		
30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retur	n rn mc nc nc nc nc nc nc nc nc nc nc nc nc nc	- 140 Time (Min.) - 53 - 53 - 53 - 53 - 53 - 53 - 53 - 53	Pressure Temp (psig) (deg F	Annotat	ion	
30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retur Pressure vs. The pressure vs. The pr	n rn me not menter not	- 140 Time (Min.) - 53 - 53 - 53 - 53 - 53 - 53 - 53 - 53	Pressure Temp (psig) (deg F	Annotat	ion	
30 - ISI- No Retur 30 - FF- No Blow 30 - FSI- No Retur Pressure vs. The pressure vs. The pr	n m me me mo mo mo mo mo mo mo mo mo mo	- 140 Time (Min.) - 53 - 53 - 53 - 53 - 53 - 53 - 53 - 53	Pressure Temp (psig) (deg F	Annotat	ion	

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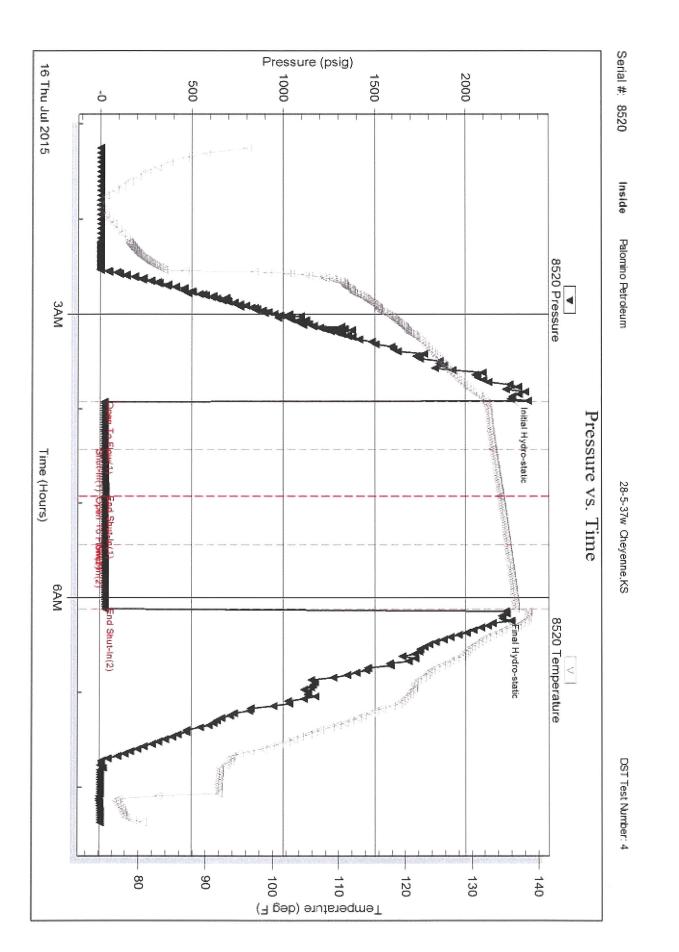
(14) I	RILOE	SITE				REPOR		
				io Petroleur	n		Junior Magley Ti	rust #1
	ESI	T <b>ING</b> , INC	1 1201 0	E 84th St.			28-5-37w Cheyen	nne,KS
			New tor	n, KS 6711	4		Job Ticket: 53445	DST#:4
			ATTN:	Nicholas (	Gerstner		Test Start: 2015.07.1	6 @ 01:14:00
Tool Information	ו		<b>.</b>					
Drill Pipe: I	Length:	4482.00 ft	Diameter:	3.80	inches Volume:	62.87 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe: I	Length:	0.00 ft	Diameter:	0.00	inches Volume:	0.00 bbl	Weight set on Pacl	ker: 25000.00 lb
Drill Collar: I	Length:	119.00 ft	Diameter:	2.25	inches Volume:	0.59 bbl	Weight to Pull Loos	se: 80000.00 lb
Drill Pipe Above KE	<u>م</u> .	7.00 ft			Total Volume:	63.46 bbl	Tool Chased	ft
Depth to Top Packe		4622.00 ft					String Weight: Initia	
Depth to Bottom Pa		-+022.00 ft					Fina	al 64000.00 lb
Interval between P		35.00 ft						
		63.00 ft						
Tool Length:								
Number of Packers	3:	2	Diameter:	6.75	inches			
Number of Packers Tool Comments:		2						
Number of Packers Tool Comments: Tool Description		2	ngth (ft)	6.75 Serial No			.ccum. Lengths	
Number of Packers Tool Comments: <b>Tool Description</b> Change Over Sub		2	<b>ngth (ft)</b> 1.00			4595.00	.ccum. Lengths	
Number of Packers Tool Comments: <b>Tool Description</b> Change Over Sub Shut In Tool		2	<b>ngth (ft)</b> 1.00 5.00			4595.00 4600.00	.ccum. Lengths	
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool		2	<b>ngth (ft)</b> 1.00			4595.00	.ccum. Lengths	
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars		2	<b>ngth (ft)</b> 1.00 5.00 5.00			4595.00 4600.00 4605.00	ccum. Lengths	
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint		2	<b>ngth (ft)</b> 1.00 5.00 5.00 5.00			4595.00 4600.00 4605.00 4610.00	ccum. Lengths	Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer		2	ngth (ft) 1.00 5.00 5.00 5.00 3.00			4595.00 4600.00 4605.00 4610.00 4613.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer		2	ngth (ft) 1.00 5.00 5.00 5.00 3.00 5.00			4595.00 4600.00 4605.00 4610.00 4613.00 4618.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale		2	ngth (ft) 1.00 5.00 5.00 5.00 3.00 5.00 4.00			4595.00 4600.00 4605.00 4610.00 4613.00 4618.00 4622.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb		2	ngth (ft) 1.00 5.00 5.00 3.00 5.00 4.00 0.00		o. Position	4595.00 4600.00 4605.00 4610.00 4613.00 4618.00 4622.00 4622.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder		2	ngth (ft) 1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00	Serial No	o. Position	4595.00 4600.00 4605.00 4610.00 4613.00 4618.00 4622.00 4622.00 4622.00		Bottom Of Top Packe
Tool Length: Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer - Shale Stubb Recorder Recorder Perforations		2	ngth (ft) 1.00 5.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00	Serial No 8653	o. Position	4595.00 4600.00 4605.00 4610.00 4613.00 4618.00 4622.00 4622.00 4623.00 4623.00		Bottom Of Top Packe
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer - Shale Stubb Recorder Recorder		2	ngth (ft) 1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00	Serial No 8653	o. Position	4595.00 4600.00 4605.00 4610.00 4613.00 4613.00 4618.00 4622.00 4622.00 4623.00 4623.00		Bottom Of Top Packer Bottom Packers & Anchor
Number of Packers Tool Comments: Tool Description Change Over Sub Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Packer Packer Stubb Recorder Recorder Perforations Bullnose	1	2	ngth (ft) 1.00 5.00 5.00 3.00 5.00 4.00 0.00 1.00 0.00 0.00 29.00	Serial No 8653	o. Position	4595.00 4600.00 4605.00 4610.00 4613.00 4618.00 4622.00 4622.00 4622.00 4623.00 4623.00 4623.00	28.00	

ALXA IDH	OBITE	DRI	LL ST	EM TEST F	REPORT	-	FLU	JID SUMMAR	
		Palomir	no Petroleu	m		Junior Ma	gley Trust #1		
	STING , INC	7204 0	SE 84th St. n, KS 6711	14			Cheyenne,KS	274.4	
		ATTN:	Nicholas	Gerstner		Job Ticket: 53445 DST#:4 Test Start: 2015.07.16 @ 01:14:00			
	L. f								
Aud and Cushion	Information		0	which Tuno			Oil A PI:	dog A DI	
/lud Type: Gel Chem /lud Weight: 9	.00 lb/gal			ushion Type: ushion Length:		ft	Water Salinity:	deg API ppm	
-	.00 sec/qt			ushion Volume:		bbl		hh	
	.79 in³			as Cushion Type:					
Resistivity: 0	.00 ohm.m		Ga	as Cushion Pressure	:	psig			
	.00 ppm								
ilter Cake: 1	.00 inches								
Recovery Informa	tion		_						
	r		R(	ecovery Table			7		
	Leng ft			Description		Volume bbl			
		5.00	Mud 100N			0.025	-1		
		0.00	Show of	oil spots in tool		0.000	기		
	Total Length:	5	.00 ft	Total Volume:	0.025 bbl				
	Num Fluid Samp Laboratory Nar Recovery Com	ne:		Num Gas Bombs: Laboratory Locatio	0 n:	Serial #	:		
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	,								



Ref. No: 53445

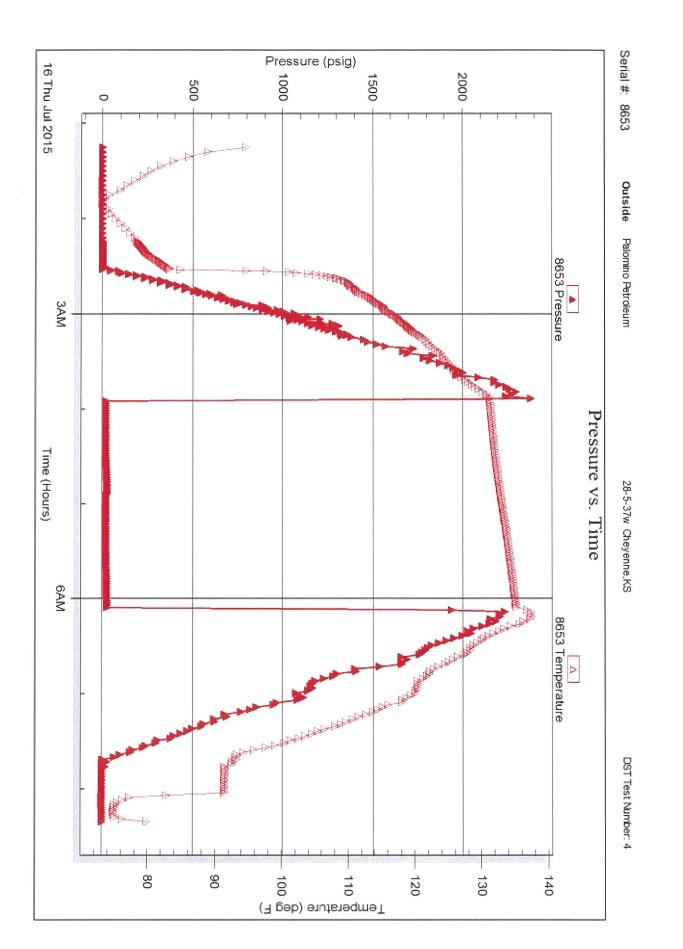
Trilobite Testing, Inc





Ref. No: 53445

Trilobite Testing, Inc



RILOBITE		Tes	t Ticket	
4/10 ESTING INC.		NO.	53442	
Well Name & No. <u>Sunion Mugles</u> Tr Company Palamine Petroleum Address <u>4294</u> SE 84th St. Ne. Co. Rep/Geo. <u>Nicholas</u> Gerstner	Elevation <u>335</u>	7	 кв <u>3349</u>	-15GL
Location: Sec. 28 Twp. 55			State K	<u> </u>
Interval Tested <u>4265</u> - <u>4314</u> Anchor Length <u>112</u> Top Packer Depth <u>4198</u> Bottom Packer Depth <u>4265</u> Total Depth <u>4314</u> Blow Description IF - Bo B in 7 m	Drill Pipe Run <u>4675</u> Drill Collars Run <u>19</u> Wt. Pipe Run Chlorides <u>16665</u> ppm S		Mud Wt. <u>9.</u> Vis <u>48</u> WL <u>8.25</u>	
ISI- NO Return	<b>\</b>			
Rec_25Feet of Um		%oil %oil	%water 4ø %water	
$\operatorname{Rec} \underbrace{84}_{\operatorname{Feet of}} \operatorname{Feet of} \mathcal{MW}_{\operatorname{Feet}}$	%gas	%oil	60 %water	
Rec <u>252</u> Feet of <u>MU</u>	%gas	%oil	80 %water	2 Ø %mud
Reclo       Feet of $\mathcal{I}$ ( $\mathcal{I}$ )         Bec Total $\mathcal{I}$ $\mathcal{I}$ (A) Initial Hydrostatic $\mathcal{I}$ $\mathcal{I}$ (B) First Initial Flow $\mathcal{I}$ $\mathcal{I}$ (C) First Final Flow $\mathcal{I}$ $\mathcal{I}$ (D) Initial Shut-In $\mathcal{I}$ $\mathcal{I}$ (E) Second Initial Flow $\mathcal{I}$ $\mathcal{I}$ (F) Second Final Flow $\mathcal{I}$ $\mathcal{I}$ (G) Final Shut-In $\mathcal{I}$ $\mathcal{I}$ (H) Final Hydrostatic $\mathcal{I}$ $\mathcal{I}$ Initial Open $\mathcal{I}$ $\mathcal{I}$ Final Flow $\mathcal{I}$ $\mathcal{I}$ Final Flow $\mathcal{I}$ $\mathcal{I}$ Final Shut-In $\mathcal{I}$ $\mathcal{I}$ Final Shut-In $\mathcal{I}$ $\mathcal{I}$ Final Shut-In $\mathcal{I}$ $\mathcal{I}$ Final Shut-In $\mathcal{I}$ $\mathcal{I}$	X Test 1150   X Jars 250   X Safety Joint 75   Circ Sub	T-Star T-Ope T-Pulle T-Out Comm <u>Oit</u> Ru Ru Ru Sub Ti Total	ted $2:26$ A n $4:19$ A ed $6:19$ A 9:1/2 A nents $5hcco$ spots in uined Shale Packer uined Packer uined Packer otal 0 1.055	1 0F 1001
Approved By	Our Bepresentative	1-C	15m	

RILOBITE		Tes	<b>Test Ticket</b> NO. 53443			
4/10 ESTING INC	y ∙ Hays, Kansas 67601	NO.				
Well Name & No. Junior Mugley Tr						
Company Palonino Petroleun						
Address 4294 SE 84th St. Ne						
Co. Rep/Geo. Nicholas Gerstner	Rig_(	しい 半2				
Location: Sec. <u>28</u> Twp. <u>5</u> S	Rge. <u>37 \</u> Co. <u>C</u>	herene	State <u>KS</u>			
Interval Tested 4343-445	Zone Tested	H-I-2"				
Anchor Length	Drill Pipe Run 4201		Mud Wt. 9.3			
Top Packer Depth 4339	Drill Collars Run 19		Vis <u>50</u>			
Bottom Packer Depth 4343	Wt. Pipe Run 🖉		WL 9.6			
Total Depth 445	Chlorides 2, 8000	ppm System	LCM / #			
Blow Description IF - Bobin 7 M						
ISI-NO RENM						
FF-BOB in 8 m	<u>чл</u>					
FSI-NO REFURN						
Rec_13.6 Feet of Mb	%c	jas %oil	610 %water 100 %mud			
Rec_189 Feet of <u>MU</u>		jas %oil	80 %water 20 %mud			
Rec_682 Feet of <u>MU</u>		gas %oil	95 %water S %mud			
Rec Feet of <u>Mud</u> Cheur	<del>%</del> ۵	gas %oil	%water 160 %mud			
Rec Feet of		gas %oil				
	GravityAPI RW ·		•			
(A) Initial Hydrostatic 2267			ocation 4:00 AM			
(B) First Initial Flow 57	🛱 Jars <u>250</u> :		ted <u>4:20 AM</u>			
(C) First Final Flow 289	🔀 Safety Joint75		n <u>6:31 Am</u>			
(D) Initial Shut-In <u>1310</u>	Circ Sub		ed <u>B: 31 An</u> 11:22 Am			
(E) Second Initial Flow 28	Hourly Standby		nents Show of Oil Spots			
(F) Second Final Flow <u>487</u>	🛚 Mileage 1305 RT		Tud			
(G) Final Shut-In 364	Sampler					
(H) Final Hydrostatic 2136	Straddle	O R <sup>r</sup>	uined Shale Packer			
۲ ۲	🕱 Shale Packer 250		uined Packer			
	Extra Packer		xtra Copies			
Initial Shut-In	Extra Recorder		otal 0			
Final Flow 39	Day Standby	Total_	1855			
Final Shut-In 30	Accessibility	MP/Ç	OST Disc't			
	Sub Total 1855	//	Le la			
Approved By	Our Benreser	station ID				

1515 Commerce Parkway • Hays, Kansas 67601 NO. 53			
Well Name & No. Junior Muglex Trust #1 Test No. 3 Dat Company Palomino Petroleum Elevation 3357 K Address 4294 SE 84th St. Newton, KS 67114	B <u>3349</u>	GL	
Co. Rep/Geo. Nicholas Gerstner Rig WW #12			
Location: Sec. 28 Twp. 55 Rge. 37w Co. Cheyenne	State KS		
Interval Tested 4444-4515 Zone Tested 6444 - 4515			
Anchor Length 71' Drill Pipe Run 4327' Mud	Mud Wt. 9.3		
Top Packer Depth 4440 Drill Collars Run 19	57		
	9.6		
Total Depth <u>4515</u> Chlorides <u>3,000</u> ppm System LCM	1#		
Blow Description IF - 2" Blow built to 1" then died in 25 min ISI - NO REWIN FF- NO BLOW FSI- NO REFUSA			
Rec Feet of %gas %oil	%water	🕼 %mud	
Rec         Feet of         %gas         %oil	%water	%mud	
Rec Feet of %gas %oil	%water		
Rec Feet of%gas %oil	%water		
Rec Feet of%gas %oil	%water	%mud	
(B) First Initial Flow 26       x Jars 250       T-Started	T-Started <u>11:35 Pm</u> T-Open <u>2:00 Am</u> T-Pulled <u>4:00 Am</u>		
(E) Second Initial Flow 35	20 Am	7-15-15	
(F) Second Final Flow 40 Comments_		and a second	
(G) Final Shut-In 859 Sampler			
(H) Einal Hydrostatic 2130	Shale Packer		
Initial Open 30       Initial Shut-In 30       Initial Shut	Packer pies 0		
	355		
Final Shut-In <u>30</u>	sc't		

RILOBITE		Test Ticket			
4/10 ESTING II 1515 Commerce Park	<b>VC.</b> way • Hays, Kansas 67601		NO. 5	53445	
Well Name & No. Junior Magley	Thust #1	Test No	[	Date 7-16-	15
Company Palomino Petroleum	adaption with the fill that the second se	Elevation 33	57	кв 3344	GL
Address 4294 SE 84 th St.	Newton, KS	6744			
Co. Rep / Geo. Nicholas Gerstner					1
Location: Sec. 27 Twp. 55	Rge. <u>37 W</u>	Co. Cheyen	re	StateK	<u>(S</u> ]
Interval Tested 4622 - 46,57	Zone Tested Pcu	nee			
Anchor Length 35	Drill Pipe Run 40	182	Μι	id Wt. <u>9-3</u>	
Top Packer Depth 4618	Drill Collars Run	19	Vis	56	
Bottom Packer Depth		1		8.8	
	Chlorides <u>2,4</u> %				
Blow Description IF - 14" Blau bui	Hto 1/2" then c	lied at	200 min.		
ISI-NO Return			•		
FF-No Blow	1				
FSI- NO Return					
Rec Feet of <u>Муд</u>			%oil	%water	(X %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total BHT	Gravity AF	PI RW@	°F C	hlorides	ppm
(A) Initial Hydrostatic 2246	A Test 1150			tion 12:45	AM
(B) First Initial Flow	Jars 250	*****		1:14 AM	
(C) First Final Flow <u>23</u>	75		<ul> <li>desident</li> </ul>	issan	
(D) Initial Shut-In			_	555 AM	
(E) Second Initial Flow 23	Hourly Standby		T-Out 8		•
(F) Second Final Flow 24	Mileage 130R	T +130		Show of	oi sputs
(G) Final Shut-In7			in the		201 7.17.15
(H) Final Hydrostatic <u>2197</u>			10000	$\frac{1}{2}$ Shale Packer	<u>20 7-17-1</u> 5 (1 350
,	A Shale Packer 250	D		J Packer	
Initial Open <u>30</u>				Copies	
Initial Shut-In <u>3</u> Ø				350	
Final Flow				2335	
Final Shut-In	, ~ , .			Disc't	
~	Sub Total 1985		A	A	
Assessed Du	~ ~		XA	1DR	