Confidentiality Requested: Yes No

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

1167340

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 Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
OG GSW Temp. Abd. CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
	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 (Data must be collected from the Reserve Pit)
Plug Back Conv. to GSW Conv. to Producer	
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 TwpS. R East West
Recompletion Date Recompletion Date	County: Permit #:

AFFIDAVIT

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

Submitted Electronically

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

	Page Iwo	1167340
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated De	toil all aaroa Danart all final	conice of drill stome tests giving interval tested, time test

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

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

Drill Stem Tests Taken (Attach Additional Sh	eets)	Yes No		-	tion (Top), Depth and Datum			
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum	
Cores Taken Electric Log Run		Yes No						
List All E. Logs Run:								
			RECORD Ne					
		Report all strings set-o	conductor, surface, inte	ermediate, producti	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 / SQU	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								

	_	_	
Did you perform a hydraulic fracturing treatment on this well?	Yes	No	(1
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes	No	(1
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes	No	(1

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

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				e	Ac		ement Squeeze Record d of Material Used)	Depth	
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner Rur	n:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	} .	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:					METHOD				PRODUCTION INT	
Vented Sold Used on Lease			METHOD OF COMPLE		y Comp. Commingled					
(If vented, Su	bmit ACC	D-18.)		Other (Specify)			, , , ,			

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

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	LK-MK 1
Doc ID	1167340

Tops

Name	Тор	Datum
Anhy.	1410	(+ 733)
Base Anhy.	1444	(+ 699)
Heebner	3615	(-1472)
LKC	3661	(-1518)
ВКС	3953	(-1810)
Pawnee	4076	(-1933)
Ft. Scott	4153	(-2010)
Cherokee Sh.	4173	(-2030)
Miss.	4240	(-2097)
Miss. Por.	4252	(-2109)
LTD	4350	(-2207)



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827 INVOICE

Invoice Number: 138604 Invoice Date: Sep 12, 2013 Page: 1

Now Includes:

Customer ID	Field Ticket #	Payment	Terms
Palo	61860	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-03	Great Bend	Sep 12, 2013	10/12/13

Quantity	Item	Description	Unit Price	Amount
		LK-MK #1		
108.00	CEMENT MATERIALS	Class A Common	17.90	1,933.20
72.00	CEMENT MATERIALS	Pozmix	9.35	673.20
6.00	CEMENT MATERIALS	Gel	23.40	140.40
45.00	CEMENT MATERIALS	Flo Seal	2.97	133.65
193.00	CEMENT SERVICE	Cubic Feet	2.48	478.64
80.60	CEMENT SERVICE	Ton Mileage	2.60	209.56
1.00	CEMENT SERVICE	Rotary Plug	2,249.84	2,249.84
10.00	CEMENT SERVICE	Pump Truck Mileage	7.70	77.00
10.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	44.00
1.00	EQUIPMENT OPERATOR	Charles Kinyon		
1.00	EQUIPMENT OPERATOR	Kevin Eddy		
1.00	OPERATOR ASSISTANT	Shawn Kearns		
ALL PRICE	S ARE NET, PAYABLE	Subtotal		5,939.49
30 DAYS F	OLLOWING DATE OF	Sales Tax		365.28
	. 1 1/2% CHARGED	Total Invoice Amount		6,304.77
THEREAF	TER. IF ACCOUNT IS ; TAKE DISCOUNT OF	Payment/Credit Applied		
\$	1,187.89	TOTAL		6,304.77

ONLY IF PAID ON OR BEFORE Oct 7, 2013

ALLIED OIL & GAS SERVICES, LLC 061860

Federal Tax I.D. # 20-8651475

			Federal T	ax I.D. # 20-8651475				
REMIT TO P.O. E						SERV	/ICE POINT:	· ·
SOUT	HLAKE,	TEXAS 76	092				5Rear	BEND
9-12-13	SEC.	TWP.	RANGE		IONIC	CATION		100 011000
DATE	SEC.	19	224	CALLED OUT	S.	CATION	JOB START 11:30AA	JOB FINISH 12:30 PM
LK-MK		1					COUNTY	STATE
EASE	WELL #		1	OF BAZINE	12	5	Ness	45
DLD OR NEW(C	ircle one)	~~~~	EiNTO					
CONTRACTOR	PickA	2011 44	10	OWNER Pa	1			
TYPE OF JOB			, .	UWNER 74	10mi	no		
IOLE SIZE 7		T.D	. 4350	CEMENT				
CASING SIZE	8		<u>. , , , , , , , , , , , , , , , , , , ,</u>			100	cire for	111-
UBING SIZE			PTH	AMOUNT OR			JNJ DE	190
DRILL PIPE 42	16.1		PTH 1460		7, -10	·		
TOOL	,,,,,							
RES. MAX			PTH		105	,		1.933-2
MEAS. LINE				COMMON	108		@ 17.90	-
	N CSC	5H	DE JOINT	POZMIX	72		_@ <u>9.35</u>	
CEMENT LEFT IN	<u>N USU.</u>			GEL	6		_@ <u>23.40</u>	140.40
PERFS.	,			CHLORIDE			_@	
DISPLACEMENT		·		ASC			_@	
	EQ	UIPMENT		Aladeal	۱	45	_@ <u>z.97</u>	133.60
	-						@	
UMP TRUCK	CEMEN	TED Che	RIES KINYO				@	
			- Eddy				@	
	HELPER	Devin	2 Eddy				@	
BULK TRUCK		<i>c</i> 1					@	
	DRIVER	Jhaw.	~ Kearns				@	
BULK TRUCK							 @	
ŧ	DRIVER			HANDLING	192		- @ 2 .48	478.64
				MILEAGE		IA V	7.1.0	209.00
	DE	MARKS:		MULTINOP TO		10.	<u> </u>	
Lan at		-					TOTAL	3.568.4
1ST Plaga								
2Nd plasa	J 63	o mit	405155			SERVI	CE	
3RD plug a	<u>7 60</u>	Mix	20 SK5					
RH MIX	305	KS		DEPTH OF JO	B 14	60		
				PUMP TRUCK			2249.	84
				EXTRA FOOT			@	
				MILEAGE		10	@ 7.70	77.00
				— MANIFOLD		. <u> </u>		· · · ·
					vm	10	_@_ <u>~</u>	44.00
				~		10	@_ <u>////</u>	<u> </u>
HARGE TO: P	alam	ino						
HARGE TO:	-1000	1000						2.370.
TREET							TOTAL	2.310.
LITY	S7	TATE	ZIP		NE E1 (
				I	FLUG 8	e float	r equipmen	Γ μ ΄
						······································	@	· · · · · · · · · · · · · · · · · · ·
							_ ``	
	00						_~	
o: Allied Oil & (
			enting equipmer					
			assist owner or				_@	
			e above work w					
			of owner agent o				TOTAL	
				-				

done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side. SALES TAX (If Any).

PRINTED NAME SIGNATURE XTHANK YOU!

49 TOTAL CHARGES 5. 939. 8년 ____IF PAID IN 30 DAYS 1.187. DISCOUNT 4.751. 59



PO Box 93999 Southlake, TX 76092

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Palomino Petroleum, Inc. 4924 SE 84th St. Newton, KS 67114-8827

RECEIVED SEP 1 4 2013



Invoice Number: 138447 Invoice Date: Sep 4, 2013 Page: 1

Now Includes:



C.	ustomer ID		Field Ticket #	Payme	nt Terms	的。他们会	
	Palo		61767	Net 3	30 Days		
Jo	b Location	新 建的	Camp Location	Service Date	Service Date Due Da		
	KS1-01		Great Bend	Sep 4, 2013	10/4	4/13	
Quantity	ltem	C. Star	Description		Unit Price	Amount	
equantity			LK-MK #1		and a denote the state of the	normalitation of the state of the	
300.00	CEMENT MATERIAL	S	Class A Common		17.90	5,370.00	
6.00			Gel		23.40	140.40	
23.00	CEMENT MATERIAL	S	Chloride		64.00	1,472.00	
400.00	CEMENT MATERIAL	S	Lightweight		15.95	6,380.00	
100.00	CEMENT MATERIAL	S	Flo Seal		2.97	297.00	
784.57	CEMENT SERVICE		Cubic Feet		2.48	1,945.73	
	CEMENT SERVICE		Ton Mileage		2.60	879.48	
	CEMENT SERVICE		Surface		2,213.75	2,213.75	
10.00			Pump Truck Mileage		7.70	77.00	
10.00	CEMENT SERVICE		Light Vehicle Mileage		4.40	44.00	
1.00	EQUIPMENT SALES		8-5/8 Insert		446.94	446.94	
1.00	EQUIPMENT SALES		8-5/8 Rubber Plug		131.04	131.04	
	EQUIPMENT SALES		8-5/8 Basket		462.15	924.30	
1.00	CEMENT SUPERVIS	OR	Joshua Isaac				
1.00	EQUIPMENT OPERA	TOR	Ben Newell				
1.00	EQUIPMENT OPERA	TOR	Daniel Casper				
1.00	OPERATOR ASSIST	ANT	Joe Goodson				
			Subtotal			20,321.64	
ALL PRICE	S ARE NET, PAYABL FOLLOWING DATE O	F	Sales Tax			932.44	
INVOICE	. 1 1/2% CHARGED		Total Invoice Amount			21,254.08	
THEREAF	TER. IF ACCOUNT IS	6	Payment/Credit Applied			,	
CURRENT	, TAKE DISCOUNT O	F	TOTAL			21,254.08	
\$	5,080.41		IUIAL			41,409.00	

ONLY IF PAID ON OR BEFORE Sep 29, 2013

ALLIED OIL & GAS SERVICES, LLC 061767

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092

SERVICE POINT: GreatBer

DATE 7-4-13 SEC 19 RANGE 22	CALLED OUT	ON LOCATION	JOB START 4Am	JOB FINISH
LEASE LK-MK WELL# 1 LOCATION B4Zim	2~ 145	Eins	COUNTY	STATE
OLD OR NEW (Circle one)			1.01-	
CONTRACTOR PICKAL #10	OWNER			
TYPE OF JOB SUFFLE	OWNER			
HOLE SIZE 12-5 T.D.	CEMENT			
CASING SIZE 85/8 DEPTH 132		DEDED Idas	SV. 1512	- Ind
TUBING SIZE DEPTH	_3% (L	DERED 4/190	<u>C100 CAC</u>	5 6 5-90
DRILL PIPE 45 DEPTH		Class A 30	n la m	7
TOOL DEPTH		-CUM23 #3-4	all leg ge	<u>i</u>
PRES. MAX MINIMUM	COMMON	3.00	0 10 9 0	5.370.00
MEAS. LINE SHOE JOINT		200	_@_ <u>17.70</u>	2.010.
CEMENT LEFT IN CSG. 29 FT	POZMIX GEL	1	@	1410 40
PERFS.		6	<u>_@_~3.40</u>	140.40
DISPLACEMENT \$7.54. bbls frick water	CHLORIDE			1.112.
	ASC	<u>.</u>	@	
EQUIPMENT	Mire 1	uteur Va	<u>x)@ _ / 5, 7 v</u>	6.380.0
*	410 000	1 100		
PUMPTRUCK CEMENTER JOSL LIGHT			@	
# 398 HELPER Ban News (_@	-
BULK TRUCK			@	
#344-170 DRIVER Dan Casper			@	
BULK TRUCK				
#609-112 DRIVER De Good Man			_@	
	HANDLING 7		_@ <u>2.48</u>	1.945, -
	MILEAGE 3	3.82×10	X 2-60	879.50
REMARKS:			TOTAL	16.484,4
Onlocation Rig UP had safely meeting			IUIAL	1051 1 5 11
Run 558 casing, Brenk couldry pume ball d		CETENT	CD	
Pump 5 bbis Fresh were Ahead	our c	SERVI	CE	
Mix 400585 @ 65/35 6/201 3/201 19/10		- IND -		
Mix 3005KS Class A 306 - 2/8 gel	DEPTH OF JO			
prop plug, Displace \$7.54 2645 Evolution		CHARGE		······
Shut in plugdown 4:30 Am	EXTRA FOOT		@	
Gement did ciculance	MILEAGE/		@ 7.70	77.00
			@	
figdoun	h	UM 10	@ <u>4.40</u>	44.00
0			_@	
CHARGE TO: Palomino Petrolom				7.5
			ΤΟΤΔΙ	<u>2.334.</u>
STREET			IOTAL	a vv /
CITYSTATEZIP				
	F	PLUG & FLOAT	t equipmen	IT
	ibc a		0/1/11 95	1 1111 94

To: Allied Oil & Gas Services, LLC.

You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME pla SIGNATURE

SALES TAX (If Any)
640
TOTAL CHARGES 20.321.
DISCOUNT IF PAID IN 30 DAYS
15.241.24

olug

BLSELFS

@ 131.04

@ 462.15

@

@

131.

TOTAL 1.5d2.

28



DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

LK-MK #1

2-19-22 Ness, KS

Start Date:	2013.09.10 @	20:30:15	
End Date:	2013.09.11 @	03:04:15	
Job Ticket #:	54937	DST #:	1

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

Printed: 2013.09.12 @ 13:25:48

14701	<u> RILO</u> BITE	Palomino Petroleum Inc		2-1	9-22 Ne	ss, KS		
	ESTING , INC					-,		
		4924 SE 84th St New ton, KS 67114			-MK #1	1027	DOT#	1
		ATTN: Andrew Stenzel			Ticket: 54 t Start: 20	1937 013.09.10 @	DST#:1	I
	. INFORMATION:							
	Miss No Whipstock: bened: 22:53:15 ded: 03:04:15	ft (KB)		Tes Tes Unit	ter:	Conventiona Brandon Tu 60	al Bottom Hol rley	e (Initial)
nterval:	4170.00 ft (KB) To 42				erence Ele		2150.00	ft (KB)
Total Depth:	4170.00 ft (KB) (T\ 4259.00 ft (KB) (T\			inere		evations.	2130.00	
-lole Diamete	r: 7.88 inchesHole	Condition: Good			KBI	to GR/CF:	7.00	
Serial #:	8373 Inside			*******				
Press@Run[0040.00.4	Capacity			8000.00	psig
Start Date: Start Time:	2013.09.10 20:30:20	End Date: End Time:	2013.09.11 03:04:14	Last Calil Time On			2013.09.11 @ 22:51:15	
	20.30.20		00.04.14	Time Off			@ 00:55:45	
	FS:No return.					RE SUMM		
			Time					
220	Pressure vs. T	Time AX3 Tomporate Tomporate	Time (Min.)	Pr Pressure (psig)	RESSUF Temp (deg F)	RE SUMM		
2200	Pressure vs. T 533Pressure	8373 Temperature	(Min.) 0	Pressure (psig) 2151.84	Temp (deg F) 114.72	Annotatio	on ro-static	
	Pressure vs. T 533Pressure	2333 Tomporative	(Min.) 0 2	Pressure (psig) 2151.84 38.10	Temp (deg F) 114.72 114.19	Annotation Initial Hydr Open To F	on ro-static Flow (1)	
2000	Pressure vs. T 533Pressure	533 Tompotake 100 To	(Min.) 0	Pressure (psig) 2151.84	Temp (deg F) 114.72 114.19 120.62	Annotatio Initial Hydr Open To F Shut-In(1)	on ro-static Flow (1)	
2300	Pressure vs. T 533Pressure	503 Temporalue 1033 Temporalue 1044 105 105 105 105 105 105 105 105	(Min.) 0 2 32 61	Pressure (psig) 2151.84 38.10 78.07	Temp (deg F) 114.72 114.19 120.62 120.74 120.21	Annotation Initial Hydr Open To F Shut-In(1) End Shut-I Open To F	on Fo-static Flow (1) In(1) Flow (2)	
2000	Pressure vs. Tr	C3 100 Importance 100 Import	(Min.) 0 2 32 61 62 92	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2)	on ro-static Flow (1) In(1) Flow (2)	
2000	Pressure vs. T 533Pressure	C3 100 Importance 100 Import	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	on Fo-static Flow (1) In(1) Flow (2) In(2)	
2000 1070	Pressure vs. Tr	Tool Temporative Tool Tempora	(Min.) 0 2 32 61 62 92	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2)	on Fo-static Flow (1) In(1) Flow (2) In(2)	
2000 1770 1900	Pressure vs. Tr	50 100 Importance 100 Import	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	on Fo-static Flow (1) In(1) Flow (2) In(2)	
2000 1750 1250 1250 1250 1250 1250 1250 1250 12	Pressure vs. Tr	50 100 100 100 100 100 100 100 1	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	on Fo-static Flow (1) In(1) Flow (2) In(2)	
	Pressure vs. T	C23 Terroration	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	on Fo-static Flow (1) In(1) Flow (2) In(2)	
2000 1720 1200 120 12	Pressure vs. Tr	C23 Terroration	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	on Fo-static Flow (1) In(1) Flow (2) In(2)	
	Pressure vs. T	C20 Internation 110	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95 119.80	Annotatie Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	on Fo-static Flow (1) In(1) Flow (2) In(2)	
2000 1730 174 1740 1	Pressure vs. Tr RECOVERY Description	500 Temporative 100 Te	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95 119.80	Annotatii Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydr	on Fo-static Flow (1) In(1) Flow (2) In(2) Fo-static	as Rate (Mcf/
2000 10720 10	Pressure vs. T	Volume (bbl)	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95 119.80	Annotatii Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydr	on Fo-static Flow (1) In(1) Flow (2) In(2) o-static	as Rate (Mcf/
2000 1730 174 1740 1	Pressure vs. Tr RECOVERY Description	500 Temporative 100 Te	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95 119.80	Annotatii Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydr	on Fo-static Flow (1) In(1) Flow (2) In(2) o-static	as Rate (Mcf/
2000 1770 1700	Pressure vs. T	Volume (bbl)	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95 119.80	Annotatii Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydr	on Fo-static Flow (1) In(1) Flow (2) In(2) o-static	as Rate (Mcf/
2000 1770 1700	Pressure vs. T	Volume (bbl)	(Min.) 0 2 32 61 62 92 123	Pressure (psig) 2151.84 38.10 78.07 1124.65 77.38 105.30 1024.05	Temp (deg F) 114.72 114.19 120.62 120.74 120.21 122.02 121.95 119.80	Annotatii Initial Hydr Open To F Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydr	on Fo-static Flow (1) In(1) Flow (2) In(2) o-static	as Rate (Mcf/

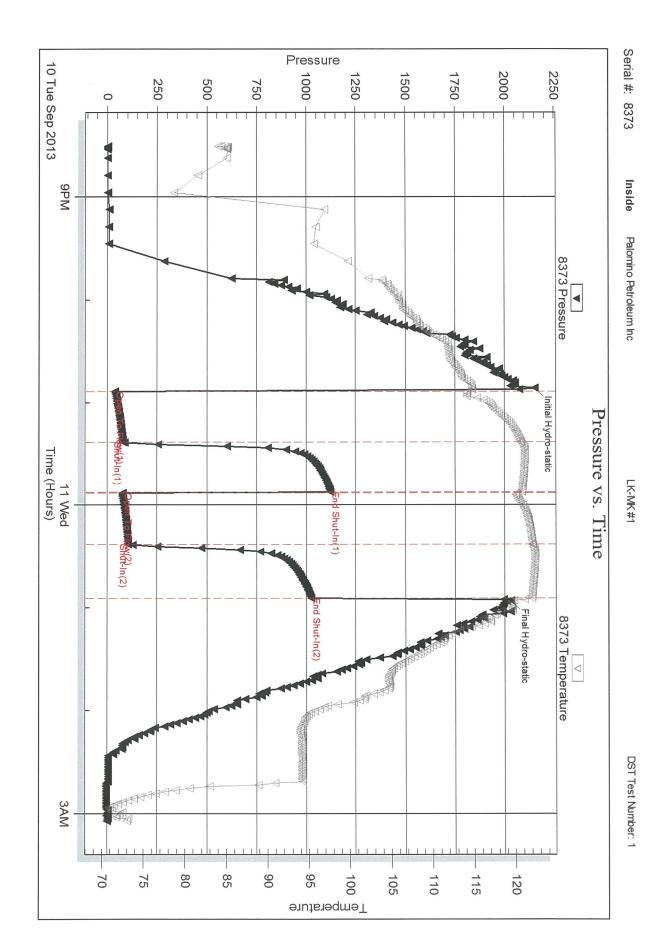
RILOBITE	Palomino Petroleum Inc		2-19-22 N	ess KS	
ESTING, INC					
	4924 SE 84th St New ton, KS 67114		LK-MK #1		
			Job Ticket:		DST#: 1
	ATTN: Andrew Stenzel		Test Start:	2013.09.10 @	20:30:15
GENERAL INFORMATION:					
Formation: Miss Deviated: No Whipstock: Time Tool Opened: 22:53:15 Time Test Ended: 03:04:15	ft (KB)		Test Type: Tester: Unit No:	Convention Brandon Tu 60	al Bottom Hole (Initial) ırley
nterval: 4170.00 ft (KB) To 42	59.00 ft (KB) (TVD)		Reference	Elevations:	2150.00 ft (KB)
Total Depth: 4259.00 ft (KB) (T∨	(D)				2143.00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Good		KI	3 to GR/CF:	7.00 ft
Serial #:8356OutsidePress@RunDepth:psigStart Date:2013.09.10Start Time:20:30:20	@ 4171.00 ft (KB) End Date: End Time:	2013.09.11 03:04:14	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2013.09.11
TEST COMMENT: IF: 1/4" blow built IS: No return. FF: Surface blow FS:No return.					
IS: No return. FF: Surface blow	built to 6"	Time		JRE SUMN	
IS: No return. FF: Surface blow FS:No return.	built to 6"	Time (Min.)	PRESSI Pressure Temp (psig) (deg F	Annotat	
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp	Annotat	
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp	Annotat	
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp	Annotat	
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp (psig) (deg F	Annotat	
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp (psig) (deg F	Annotat	
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion
IS: No return. FF: Surface blow FS:No return.	built to 6"	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion

NEW L	RILOE	nil	Palomin	o Petroleum	Inc			2-1	9-22 Ness,	KS		
	 ES1	TING , INC	4924 SI	E 84th St				IK	-MK #1			
	-			, KS 67114					Ticket: 5493	7	DST#:1	
			ATTN:	Andrew St	enzel				t Start: 2013			
Tool Information	 1		!									
Drill Pipe: 1	Lenath:	4157.00 ft	Diameter:	3.80 i	nches	Volume:	58.31 bbl		Tool Weight:		2000.00 lb	
•	Length:		Diameter:			Volume:	0.00 bbl		-	n Packer:	25000.00 lb	
	Length:		Diameter:			Volume:	0.00 bbl		+		70000.00 lb	
	•					Volume:	58.31 bbl	-	Tool Chased		0.00 ft	
Drill Pipe Above KB		15.00 ft						:	String Weight	t: Initial	60000.00 lb	
Depth to Top Packe		4170.00 ft ft								Final	62000.00 lb	
Depth to Bottom Pa Interval betw een P		۲۲ 89.00 ft										
Tool Length:	auncia.	117.00 ft										
Number of Packers	5:	2	Diameter:	6.75 i	nches							
Tool Comments:				Conicl No		- 141	De sette (f4)	A = =	Louetha			
Tool Comments: Tool Description			/	Serial No.		sition	Depth (ft)	Accum	. Lengths			
Tool Comments: Tool Description			1.00	Serial No.		sition	4143.00	Accum.	. Lengths			
Tool Comments: Tool Description Stubb Shut In Tool			1.00 5.00	Serial No.		sition	4143.00 4148.00	Accum	. Lengths			
Tool Comments: Tool Description			1.00	Serial No.		sition	4143.00	Accum	. Lengths			
Tool Comments: Tool Description Stubb Shut In Tool -lydraulic tool Jars			1.00 5.00 5.00	Serial No.		sition	4143.00 4148.00 4153.00	Accum	. Lengths			
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint			1.00 5.00 5.00 5.00	Serial No.		sition	4143.00 4148.00 4153.00 4158.00	Accum.	. Lengths 28.00		Bottom Of Top	
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool			1.00 5.00 5.00 5.00 5.00 3.00	Serial No.		sition	4143.00 4148.00 4153.00 4158.00 4161.00	Accum			Bottom Of Top) Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer			1.00 5.00 5.00 5.00 3.00 5.00	Serial No.		sition	4143.00 4148.00 4153.00 4158.00 4161.00 4166.00	Accum			Bottom Of Top) Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer			1.00 5.00 5.00 5.00 3.00 5.00 4.00	Serial No.		sition	4143.00 4148.00 4153.00 4158.00 4161.00 4166.00 4170.00	Accum.			Bottom Of Top) Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb			1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00		Pos		4143.00 4148.00 4153.00 4158.00 4161.00 4166.00 4170.00 4171.00	Accum			Bottom Of Top	Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder			1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00 0.00	8373	Pos	Inside	4143.00 4148.00 4153.00 4158.00 4161.00 4166.00 4170.00 4171.00	Accum.			Bottom Of Top) Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder			1.00 5.00 5.00 3.00 5.00 4.00 1.00 0.00 0.00	8373	Pos	Inside	4143.00 4148.00 4153.00 4158.00 4161.00 4166.00 4170.00 4171.00 4171.00	Accum.			Bottom Of Top) Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Recorder Recorder Perforations			1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00 0.00 0.00 18.00	8373	Pos	Inside	4143.00 4148.00 4153.00 4158.00 4161.00 4166.00 4170.00 4171.00 4171.00 4171.00 4189.00	Accum			Bottom Of Top) Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub			1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00 0.00 18.00 1.00	8373	Pos	Inside	4143.00 4148.00 4153.00 4158.00 4161.00 4166.00 4170.00 4171.00 4171.00 4171.00 4189.00 4190.00	Accum			Bottom Of Top	Packer
Tool Comments: Tool Description Stubb Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Recorder Recorder Recorder Perforations Change Over Sub Drill Pipe			1.00 5.00 5.00 5.00 3.00 5.00 4.00 1.00 0.00 18.00 1.00 63.00	8373	Pos	Inside	4143.00 4148.00 4153.00 4158.00 4161.00 4166.00 4170.00 4171.00 4171.00 4171.00 4171.00 4190.00 4253.00	Accum		Во	Bottom Of Top	

	5	DRI	LL ST	EM TEST	REPORT	-		FLUID SUMMARY
		Palomin	o Petroleu	m inc		2-19-22 N	ess, KS	
ESTIN	G , INC.		E 84th St n, KS 6711	4		LK-MK #1		DST#:1
		ATTN	Andrew	Stenzel			2013.09.10 @ 2	
n∦≁t(l).								
Mud and Cushion Inform	nation		_					
Mud Type: Gel Chem	-1			ushion Type:		£1.	Oil API:	0 deg API
Mud Weight: 9.00 lb/ga Viscosity: 52.00 sec/c				ushion Length: ushion Volume:		ft bbl	Water Salinity:	60000 ppm
Viscosity: 52.00 sec/c Water Loss: 11.18 in ³	գւ			as Cushion Type:				
Resistivity: 0.00 ohm.	m			as Cushion Pressu	ro [,]	psig		
Salinity: 6400.00 ppm			9	as Cushion Flessu	e.	haið		
Filter Cake: 2.00 inche								
Recovery Information								
			R	ecovery Table				
	Lengt ft	h		Description		Volume bbl		
		124.00	mcw 80%	6w 20%m		1.73	9	
		62.00		6w 40%m		0.87		
Total Lu	ength:	186.	00 ft	Total Volume:	2.609 bbl			
	luid Sampi	les: N		Num Gas Bombs:	0	Serial #	ŧ.	
	atory Nam			Laboratory Locat		0011017		
			@74= 600					
			af No: 54				d. 2013 09 12 6	

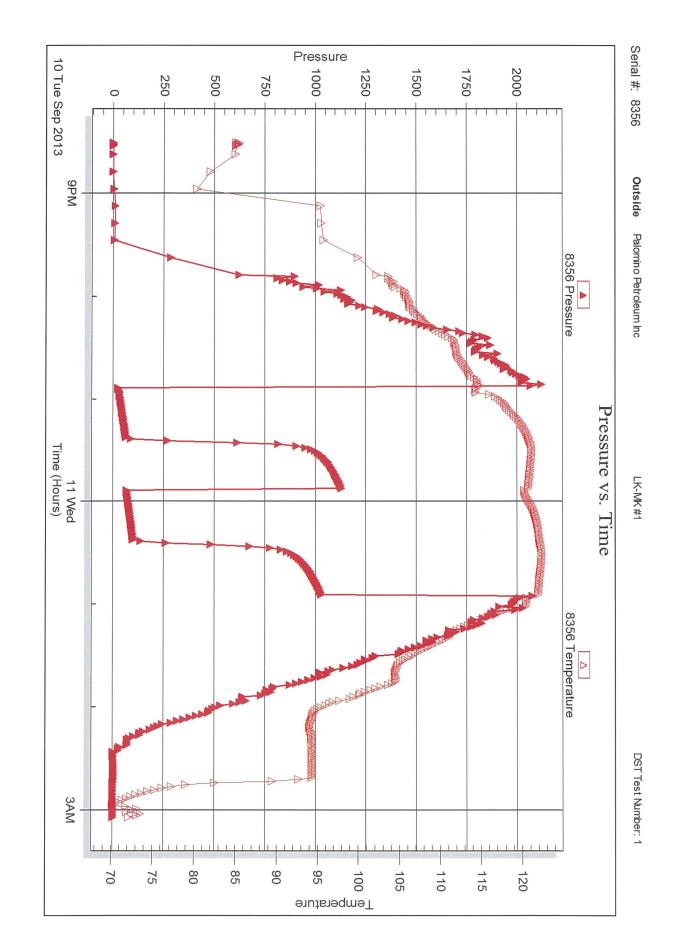
Printed: 2013.09.12 @ 13:25:49

Ref. No: 54937



Printed: 2013.09.12 @ 13:25:49

Ref. No: 54937





DRILL STEM TEST REPORT

Prepared For:

Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

LK-MK #1

2-19-22 Ness, KS

Start Date:	2013.09.11 (@ 14:49:36
End Date:	2013.09.11 (@ 21:02:06
Job Ticket #:	54938	DST #: 2

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

Printed: 2013.09.12 @ 13:25:14

	DRILL STEM TES	T REP	ORT		
RILOBITE	Palomino Petroleum Inc		2-19-22 N	Ness, KS	
ESTING , INC	4924 SE 84th St New ton, KS 67114		LK-MK # Job Ticket:		• 2
	ATTN: Andrew Stenzel			2013.09.11 @ 14:49:36	
GENERAL INFORMATION:				-	
Formation: Ft. Scott Deviated: No Whipstock: Time Tool Opened: 16:56:06 Time Test Ended: 21:02:06	ft (KB)		Test Type: Tester: Unit No:	Conventional Straddle Brandon Turley 60	(Reset)
Interval:4125.00 ft (KB) To41Total Depth:4355.00 ft (KB) (TVHole Diameter:7.88 inchesHole				2143.0	0 ft (KB) 0 ft (CF) 0 ft
Serial #: 8373InsidePress@RunDepth:43.51 psigStart Date:2013.09.11Start Time:14:49:41TEST COMMENT:IF: Surface blow	End Date: End Time:	2013.09.11 21:02:05	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.0 2013.09.1 2013.09.11 @ 16:54:3	1
IS: No return. FF: No blow . FS: No return.					
Pressure vs. T	IIIC IIIC 1373 Tomponium			URE SUMMARY	·····
220 200 1700 1700 1700 100 100 100 100	Tampenetura (deg P)	Time (Min.) 0 2 31 61 62 95 123 125	41.66 114. 43.51 114.	F)31Initial Hydro-static54Open To Flow (1)80Shut-In(1)62End Shut-In(1)35Open To Flow (2)85Shut-In(2)46End Shut-In(2)	
Recovery			(Gas Rates	
Length (ft) Description	Volume (bbl)		Cho	oke (inches) Pressure (psig)	Gas Rate (Mcf/d)
5.00 mud 100%m	0.07				
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 54938		Print	ed: 2013.09.12 @ 13:25:	15

	DRILL STEM TES	TREP	ORT		
RILOBITE	Palomino Petroleum Inc		2-19-22	Ness, KS	
ESTING , INC.	4924 SE 84th St New ton, KS 67114		LK-MK		
			Job Ticke		DST#: 2
	ATTN: Andrew Stenzel		Test Star	t: 2013.09.11 (@ 14:49:36
GENERAL INFORMATION:					
Formation: Ft. Scott Deviated: No Whipstock: Time Tool Opened: 16:56:06 Time Test Ended: 21:02:06	ft (KB)		Test Typ Tester: Unit No:	e: Conventior Brandon T 60	nal Straddle (Reset) iurley
Interval: 4125.00 ft (KB) To 41 Total Depth: 4355.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole			Referenc	e Elevations: KB to GR/CF:	2150.00 ft (KB) 2143.00 ft (CF) 7.00 ft
					7.00 H
Serial #: 8356OutsidePress@RunDepth:psigStart Date:2013.09.11Start Time:14:49:39	@ 4126.00 ft (KB)End Date:End Time:	2013.09.11 21:02:03	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2013.09.11
TEST COMMENT: IF: Surface blow IS: No return. FF: No blow . FS: No return.	died in 4 min.				
Pressure vs. T	ime 5350 Torporate			SURE SUM	
223 223 223 223 223 223 223 223	Torgerefund		Pressure Te (psig) (de	np Annota g F)	tion
Recovery			<u></u>	Gas Rates	
Length (ft) Description	Volume (bbl)		С	hoke (inches) Pres	ssure (psig) Gas Rate (Mcf/d)
5.00 mud 100%m	0.07				

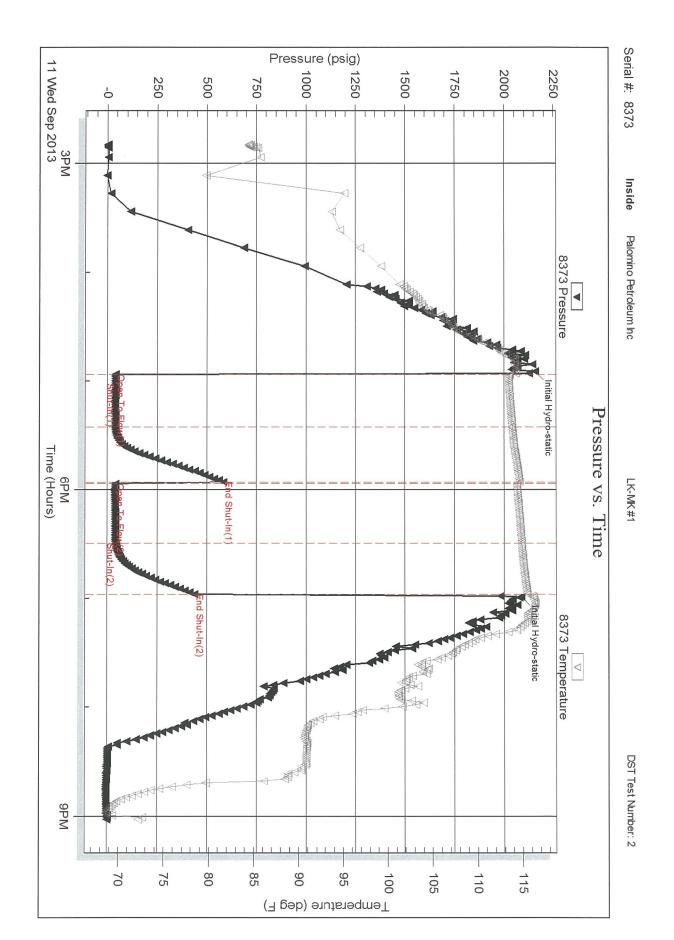
RILOBITE	Palomino Petroleum Inc	<u></u>	2-19-22 N	ess, KS	
ESTING , INC.	4924 SE 84th St New ton, KS 67114		LK-MK #	l	
	New 100, NS 67 114		Job Ticket:	54938	DST#: 2
	ATTN: Andrew Stenzel		Test Start:	2013.09.11 @	⊉ 14:49:36
GENERAL INFORMATION:					
Formation: Ft. Scott Deviated: No Whipstock: Fime Tool Opened: 16:56:06 Fime Test Ended: 21:02:06	ft (KB)		Test Type: Tester: Unit No:	Convention Brandon Tu 60	al Straddle (Reset) Irley
nterval: 4125.00 ft (KB) To 41 Total Depth: 4355.00 ft (KB) (Tw) 1000 ft (KB) (Tw) Hole Diameter: 7.88 inchesHole			Reference	Elevations: B to GR/CF:	2150.00 ft (KB) 2143.00 ft (CF) 7.00 ft
			Γ\.		7.00 11
Serial #:8645Below (StradPress@RunDepth:psigStart Date:2013.09.11Start Time:14:49:21		2013.09.11 21:00:15	Capacity: Last Calib.: Time On Btm: Time Off Btm:		8000.00 psig 2013.09.11
FS: No return.					
Pressure vs. T					
	RMS Temperature 115 10 10 10 10 10 10 10 10 10 10	Time (Min.)	PRESSI Pressure Temp (psig) (deg F	Annotat	
229 200 179 100 179 100 100 100 100 100 100 100 10	RMS Interpretave	(Min.)	Pressure Temp (psig) (deg F	Annotat	
ZED DOCIDENTIAL DOCIDENTIAL DOCIDENTIAL DOCIDENTIAL DESCRIPTION	PNG Temporare THE THE THE THE THE THE THE THE	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion
Verification	BNS Integration	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion
ZED DOCINENTIAL DOCINENTIAL DOCINENTIAL DOCINENTIAL DESCRIPTION	PNG Temporare THE THE THE THE THE THE THE THE	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion
200 900 Presure 200 700 700 700 700 700 700 700	PNG Temporare THE THE THE THE THE THE THE THE	(Min.)	Pressure Temp (psig) (deg F	Annotat	ion

RILOBIT	F			REPOR		TOOL DIAGRA
	Faluini	no Petroleum Ir	าด		2-19-22 Ness, KS	
ESTIN	10240	SE 84th St			LK-MK #1	
	New to	n, KS 67114			Job Ticket: 54938	DST#: 2
	ATTN:	Andrew Ste	nzel		Test Start: 2013.09.11 @) 14:49:36
Tool Information						
Drill Pipe: Length: 41	125.00 ft Diameter	: 3.80 ind	ches Volume:	57.86 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe: Length:	0.00 ft Diameter	: 0.00 ind	ches Volume:	0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar: Length:	0.00 ft Diameter	: 2.25 in	ches Volume:	0.00 bbl	Weight to Pull Loose:	80000.00 lb
Drill Pipe Above KB:	28.00 ft	-	Total Volume:	57.86 bbl	Tool Chased	0.00 ft
	28.00 ft 125.00 ft				String Weight: Initial	62000.00 lb
• •	165.00 ft				Final	62000.00 lb
•	40.00 ft					
	253.00 ft					
Number of Packers:	2 Diameter	: 6.75 ind	ches			
Tool Comments:						
Tool Description	Length (ft)	Serial No.	Position	Depth (ft) Ad	ccum. Lengths	
Stubb	1.00			4098.00		
Shut In Tool	5.00			4103.00		
Hydraulic tool	5.00			4108.00		
Jars	5.00			4113.00		
Safety Joint	2.00			4116.00		
Salety Joint	3.00			4110.00		
Packer	5.00			4121.00	28.00	Bottom Of Top Packe
Packer					28.00	Bottom Of Top Packe
Packer Packer	5.00			4121.00	28.00	Bottom Of Top Packe
Packer Packer Stubb	5.00	8373	Inside	4121.00 4125.00	28.00	Bottom Of Top Packe
Packer Packer Stubb Recorder	5.00 4.00 1.00	8373 8356	Inside Outside	4121.00 4125.00 4126.00	28.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder	5.00 4.00 1.00 0.00			4121.00 4125.00 4126.00 4126.00	28.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations	5.00 4.00 1.00 0.00 0.00			4121.00 4125.00 4126.00 4126.00 4126.00	28.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub	5.00 4.00 1.00 0.00 0.00 1.00			4121.00 4125.00 4126.00 4126.00 4126.00 4127.00	28.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe	5.00 4.00 1.00 0.00 0.00 1.00 1.00			4121.00 4125.00 4126.00 4126.00 4126.00 4127.00 4128.00	28.00	Bottom Of Top Packe
•	5.00 4.00 1.00 0.00 0.00 1.00 1.00 30.00			4121.00 4125.00 4126.00 4126.00 4126.00 4127.00 4128.00 4158.00	28.00	Bottom Of Top Packe
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00			4121.00 4125.00 4126.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00	28.00	
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00			4121.00 4125.00 4126.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4164.00 4165.00		
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00			4121.00 4125.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4164.00		
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer Stubb	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00 4.00 1.00			4121.00 4125.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4169.00 4169.00 4170.00		
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer Stubb Perforations	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00 4.00 1.00 1.00			4121.00 4125.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4164.00 4165.00 4169.00 4170.00 4187.00		
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer Stubb Perforations Change Over Sub	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00 4.00 1.00 1.00 1.00	8356	Outside	4121.00 4125.00 4126.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4165.00 4165.00 4169.00 4170.00 4187.00 4188.00		
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer Stubb Perforations Change Over Sub Recorder	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00 4.00 1.00 1.00 1.00 1.00			4121.00 4125.00 4126.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4165.00 4169.00 4169.00 4170.00 4187.00 4188.00		
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer Stubb Perforations Change Over Sub Recorder Drill Pipe	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00 4.00 1.00 1.00 1.00 0.00 156.00	8356	Outside	4121.00 4125.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4159.00 4169.00 4169.00 4169.00 4187.00 4188.00 4188.00 4344.00		
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer Stubb Perforations Change Over Sub Recorder Drill Pipe Change Over Sub	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00 4.00 1.00 1.00 1.00 1.00 1.00 1	8356	Outside	4121.00 4125.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4164.00 4165.00 4169.00 4169.00 4170.00 4187.00 4188.00 4188.00 4344.00 4345.00	40.00	Tool Interva
Packer Packer Stubb Recorder Recorder Perforations Change Over Sub Drill Pipe Change Over Sub Perforations Blank Off Sub Packer Stubb Perforations Change Over Sub Recorder Drill Pipe	5.00 4.00 1.00 0.00 1.00 1.00 30.00 1.00 5.00 1.00 4.00 1.00 1.00 17.00 1.00 0.00 156.00 1.00 5.00	8356	Outside	4121.00 4125.00 4126.00 4126.00 4127.00 4128.00 4158.00 4159.00 4159.00 4169.00 4169.00 4169.00 4187.00 4188.00 4188.00 4344.00	40.00	

	RILOBITE	DRILL STEM TEST REPORT					FLUID SUMMARY	
		Palomir	Palomino Petroleum Inc 2			ess, KS		
		4924 SE 84th St New ton, KS 67114			LK-MK #1 Job Ticket: 4		DST#: 2	
		ATTN:	ATTN: Andrew Stenzel			2013.09.11 @ 14		
mand on d Co	ushion Information							
			Outline Trees			Oil API:	0	
Mud Type: G Mud Weight:	el Chem 9.00 lb/gal		Cushion Type: Cushion Length:		ft	Water Salinity:		deg API ppm
Viscosity:	55.00 sec/qt		Cushion Volume		bbl	Water carries	v	ppm
Water Loss:	11.58 in ³		Gas Cushion Ty					
Resistivity:	0.00 ohm.m		Gas Cushion Pre	essure:	psig			
Salinity:	5600.00 ppm							
Filter Cake:	2.00 inches							
Recovery In	nformation		Recovery Tab					
	Lengt		Description		Volume	7		
	ft		-		bbl			
		5.00	mud 100%m		0.07	0		
	Total Length:		.00 ft Total Volume					
	Num Fluid Samp		Num Gas Bor		Serial #	<i>t</i> :		
	Laboratory Nam Recovery Comn		Laboratory L	ocation:				
	Recovery comin	ents.						
Trilobito Tool			of No: 54029			4. 2012 00 12 @		



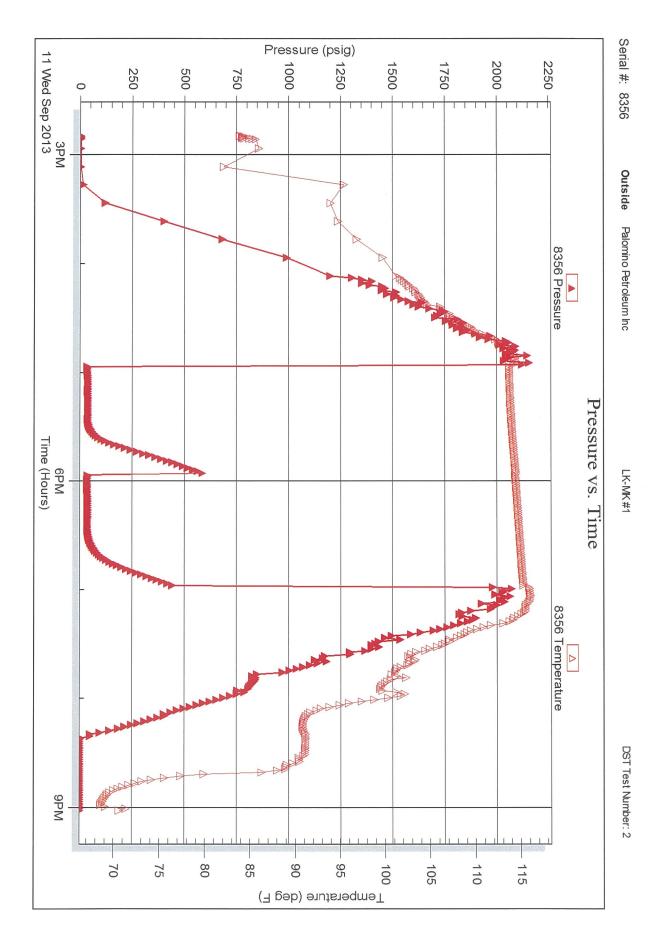
Ref. No: 54938



Printed: 2013.09.12 @ 13:25:16

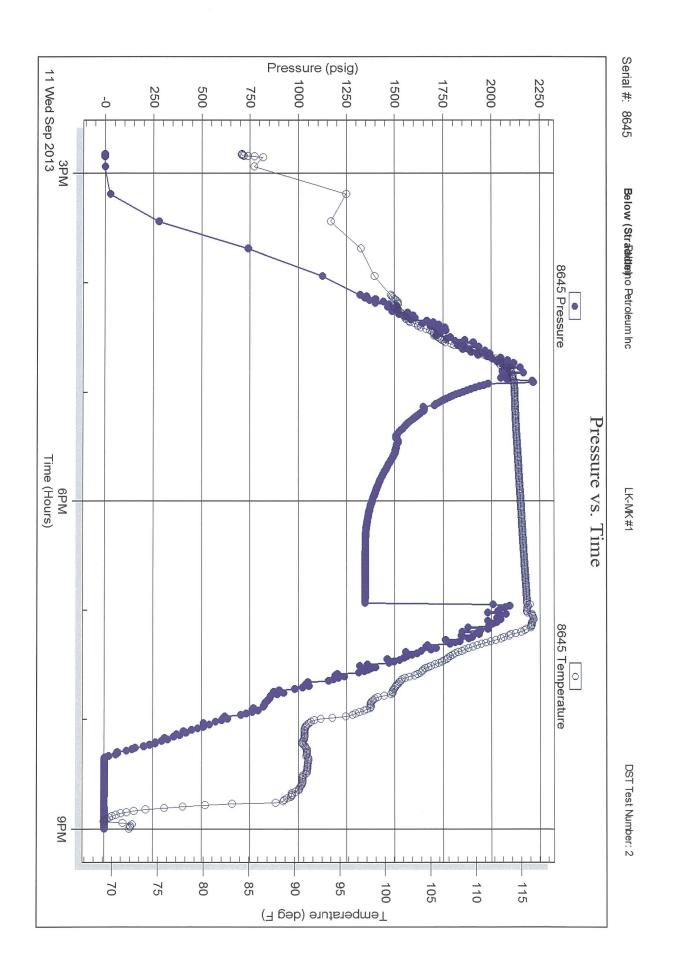
Ref. No: 54938







Ref. No: 54938



	RILOBITE	Test Ticket				
	ESTING INC	y ∙ Hays, Kansas 67601		NO.	54937	
Co Ben / Geo.	mino remo 4 sf 84th 5 Andrew St 2 70 42: 80	Rge. 22	Rig Pic co. Ne. Miss 4157	114 К Г С	Date 9-10-13 KB 2.143 11 #10 State KS Mud Wt. 9.2 Vis 52	_GL
Top Packer Depth Bottom Packer Depth Total Depth Blow Description	4170 4259 #F! 1/4 5/00 5! No retu 5! Suffyce	5 Wt. Pipe Run Chlorides 6 w built to ron, blow built t	9.	System	WL 11, Z LCM 1/2	
FJ, Rec 62 Rec 124 Rec	Feet of MCW		%gas %gas %gas	%oil %oil %oil	60 _{%water} 40 80 _{%water} 20 %water	%mud %mud %mud
Rec Rec Rec Total	Feet of		%gas %gas	%oil %oil	%water %water = Chlorides 60,000	%mud %mud
 (A) Initial Hydrostatic_ (B) First Initial Flow (C) First Final Flow (D) Initial Shut-In (E) Second Initial Flow (F) Second Final Flow (G) Final Shut-In (H) Final Hydrostatic 	2151 38 78 1124 77 105 1024	 Test 1250 Jars 250 Safety Joint 75 Circ Sub 100 Hourly Standby 400 Mileage 138 Sampler 400 	-112rt 173.6	T-On L T-Start T-Open T-Pulle T-Out _ O Comme	20;30 Z2;53 Z2;53 00;53 3;09	ppm
nitial Open <u>30</u> nitial Shut-In <u>3</u> Final Flow	30	 Straddle Shale Packer Extra Packer Extra Recorder Day Standby Accessibility 		Ruir Extr Sub Tota Total	ned Shale Packer ned Packer a Copies al0 1785.80 T Disc't	
pproved By		Sub Total 1785.80	epresentative		3 24	2

4/10	RILOBITE ESTING INC 1515 Commerce Parkwa		601	NO. 5	icket 54938	
Location: Sec Interval Tested Anchor Length Top Packer Depth Bottom Packer Depth Total Depth	ndrew ste 25 416 44 412 416	Rge. ZZ 2 Zone Tested Drill Pipe Run 5 Drill Collars Run 9 Wt. Pipe Run 2 Chlorides 50	Elevation 2/ 	50 <u> <u> <u> </u> <u> </u></u></u>	11.6	3 GL
FF F3.	No blow, No return,	/	2/	9/ oil	%water 10	6 al mud
	Feet of Mud		%gas	%oil		
	Feet of		%gas	%oil	%water	%mud
	Feet of		%gas	%oil	%water	%mud
	Feet of		%gas	%oil	%water	%mud
5	Feet of //5		%gas	%oil	%water	%mud
(A) Initial Hydrostatic	215G	Gravity	_ API RW@	T-On Locat	lorides	
(B) First Initial Flow	42	 ✓ Test <u>1250</u> ✓ Jars <u>250</u> 	1	T-Started	14:49	?
(C) First Final Flow	40	Safety Joint7	75	T-Open	16:53	5
(D) Initial Shut-In	584	Circ Sub	1,1/	T-Pulled	18:55	
(E) Second Initial Flow	41	Hourly Standby		T-Out	21:00)
(F) Second Final Flow	43	Mileage 13		Comments		
(G) Final Shut-In	438	Sampler	1,3.00			
(H) Final Hydrostatic	2695	Straddle60	0			
(,		Shale Packer			Shale Packer	
Initial Open _ 30		Extra Packer			Packer	
	50			Sub Total		
Final Flow	30			Total2		1 - 1 1
Final Shut-In	30	 Accessibility 		MP/DST [
/	1 7	Sub Total 2348			1_2	-
Assessed Ru	1_1		ur Benrecentative			

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