

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1129336

Form ACO-1 June 2009 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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
-	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Operator Name:
SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	

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
Letter of Confidentiality Received
Date:
Confidential Release Date:
Wireline Log Received
Geologist Report Received
UIC Distribution
ALT I II III Approved by: Date:

	Side Two	1129336
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No	L	-	n (Top), Depth an	d Datum Top	Datum	
Samples Sent to Geolog	gical Survey	Yes No	Nam	C		юр	Datum	
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	<pre> Yes □ No Yes □ No Yes □ No</pre>						
List All E. Logs Run:								
		CASING		ew Used				
		Report all strings set-	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 / SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated					ement Squeeze Record d of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENHF	λ .	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subi	mit ACC)-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	Dietterich-Simpson 1
Doc ID	1129336

Tops

Name	Тор	Datum
Anhy.	1850	(+ 660)
Base Anhy.	1883	(+ 627)
Heebner	3890	(-1380)
Lansing	3930	(-1420)
ВКС	4238	(-1716)
Marmaton	4266	(-1756)
Pawnee	4349	(-1839)
Ft. Scott	4426	(-1916)
Cherokee Sh.	4456	(-1945)
Cherokee Sd.	4511	(-2001)
Miss.	4566	(-2056)
LTD	4608	(-2098)



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

ONLY IF PAID ON OR BEFORE Dec 12, 2012

 Customer ID
 Well Name/# or Customer P.O.
 Payment Terms

 Palo
 DiettenichSimpson#1
 Net 30 Days

 Job Location
 Camp Location
 Service Date
 Due Date

 KS1-03
 Great Bend
 Nov 17, 2012
 12/17/12

Quantity	Item	Description	Unit Price	Amount
174.00		Class A Common	17.90	3,114.60
116.00		Pozmix	9.35	1,084.60
10.00		Gel	23.40	234.00
73.00		Flo Seal	2.97	216.81
311.52		Cubic Feet	2.48	772.56
260.00		Ton Mileage	2.60	676.00
	SER	Rotary Plug	2,249.84	2,249.84
20.00		Pump Truck Mileage	7.70	154.00
20.00		Light Vehicle Mileage	4.40	88.00
	CEMENTER	Tim Dickson		
	EQUIP OPER	Trint Hall		
1.00	OPER ASSIST	Alan Genereux		
ALL PRICES ARE	E NET. PAYABLE	Subtotal		8,590.41
30 DAYS FOLLO	WING DATE OF	Sales Tax		541.20
INVOICE. 1 1/		Total Invoice Amount		9,131.61
THEREAFTER. CURRENT TAK	IF ACCOUNT IS E DISCOUNT OF	Payment/Credit Applied		.,
		TOTAL		9,131.61
\$ 2,147.6	20			3,131.01

Invoice Number: 133640 Invoice Date: Nov 17, 2012 Page: 1

INVOICE





ALLIED OIL & GAS SERVICES, LLC 059155 Federal Tax I.D.# 20-5975804

Federal Tax I.D.	# 20-5975804
REMIT TO P.O. BOX 93999	SERVICE POINT:
SOUTHLAKE, TEXAS 76092	Hart Bend K
·	
DATE 17-12 SEC 3 TWP & RANGE 24 CAN	LED OUT ON LOCATION JOB START JOB FINISH
N. Hoaldh	COUNTY STATE
LEASE SLUPSON WELL# LOCATION RENEET	Unotes is a to to the life
	$\frac{1}{100} \frac{1}{100} \frac{1}$
A A A A A A A A A A A A A A A A	NUNER Same 103 With
CONTRACTOR Mallar	OWNER Same
TYPE OF JOB Rostern Plug.	
HOLESIZE 7/3 RD. 4610	CEMENT
CASING SIZE DEPTH	AMOUNT ORDERED 2 70 N. 60/40 4501
TUBING SIZE DEPTH	14#FRand / DR
DRILL PIPE 4/2" DEPTH 1910	
TOOL DEPTH	COMMON 174 @ 17.90 3.114.60
PRES. MAX MINIMUM MEAS. LINE SHOE JOINT	COMMON 179 @ 17.70 5.111 POZMIX 116 @ 9.35 1684.60
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG.	GEL 10 @ 23.40 234.00
PERFS.	CHLORIDE @
DISPLACEMENT	ASC @
EQUIPMENT	+10 seal 73 @ 2.97 216.81
EQUITMENT	@
	@
PUMPTRUCK CEMENTER Tom Outron 1 #393 HELPER Tours Hall 2	@
	@
BULKTRUCK #482-112 DRIVER Alen Manager 3	@
#482-112 DRIVER Alen Aznereux	@
# DRIVER	HANDLING 31). 5 @ 2.48 772. 5 G
	MILEAGE 13 X 20 X 2.60 676.99
	TOTAL 6.0 98.57
REMARKS:	260 IOTAL GIG TOT
1M Aluy - Sort at 1910	
2 43 PLUD - 80 for at 111 D	SERVICE
22 plugt- 40th et SIO	DEPTH OF JOB 1910'
app pluge sort at 240'	PUMP TRUCK CHARGE 2249.89
Jets plus - de to a co	EXTRA FOOTAGE @
Manahar Strange	MILEAGE HUM 20 @ 7.70 154.00
Million Alexandre and Alexandre	
1 Kentes	MANIFOLD 1 UM 20 @ 4.40 88.50
	@
CHARGE TO: Lolonouso	TOTAL 2. 491. 84
STREET	
CITYSTATEZIP	
	PLUG & FLOAT EQUIPMENT
	@
	@
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	TOTAL
contractor. I have read and understand the "GENERAL	54119
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
TENMO AND CONDITIONO BOOD ON DIO 101000 0000	TOTAL CHARGES 8.570.
VII DEL	SALES TAX (IF Any) 541.19 TOTAL CHARGES $8.590.91$ DISCOUNT $2.147.60$ IEPAID IN 30 DAYS 6.442.81
PRINTED NAME AMAIN 1/6 1515EK	DISCOUNT
	6. 772.01
PRINTED NAME X Mark D. Elsen	
SIGINI UNIC PROPERTY COMPANY	



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

Dec 4, 2012

Well Name/# or Customer P.O. **Payment Terms Customer ID** Palo DietterichSimpson#1 Net 30 Days **Job Location Camp Location** Service Date **Due Date** Great Bend KS1-01 Nov 9, 2012 12/9/12 Quantity Decorintion Unit Dates CC-3125284

Quantity	Item		Description	Unit Price	Amount
150.00	MAT	Class	A Common	17.90	2,685.00
3.00	MAT	Gel		23.40	70.20
5.00	MAT	Chlor	ide	64.00	320.00
162.09	SER	Cubic	Feet	2.48	401.98
148.00	SER	Ton N	lileage	2.60	384.80
1.00	SER	Surfa		1,512.25	1,512.25
20.00	SER	Pump	Truck Mileage	7.70	154.00
20.00	SER	Light	Vehicle Mileage	4.40	88.00
1.00	CEMENTER	Charl	es Elkins		
1.00	OPER ASSIST	Kevin	Rupp		
1.00	OPER ASSIST	Kevin	Weighous		
			Quitestal		
	E NET, PAYABLE		Subtotal		5,616.23
	OWING DATE OF		Sales Tax		193.74
	2% CHARGED		Total Invoice Amount	5,809.97	
	E DISCOUNT OF	:	Payment/Credit Applied		
\$1404.0			TOTAL		5,809.97
ONLY IF PAID (ON OR BEFORE				

N2V 1 8 2012



Invoice Date:	Nov 9, 201	2
Page:	1	



ALLIED OIL & GAS SERVICES, LLC 059104 Federal Tax 1.D.# 20-5975804

a i' C

Federal Tax I.D.#	20-5975804
REMIT TO P.O. BOX 93999	SERVICE POINT:
SOUTHLAKE, TEXAS 76092	Graut Bend, KS
2	/
	LED OUT ON LOCATION JOB START JOB FINISH 4:50 PM 5:40 PM 5:56 PM
	N Horth Oh 2831 TO FOLLY (COUNTY STATE
Deptenten- LEASE SIMASON WELL# 1 LOCATION I WIN DOST	to Qrd at Renson, Then NESS KS
	Fugle uller Uller ()
	when west, South 1:00 1000 1000 100
CONTRACTOR Mallard 2	OWNER Palonino Patroluum
TYPEOFIOR SUFFACE CASING	
HOLE SIZE 121/4" T.D. 217FF	CEMENT AMOUNT ORDERED 1505/ Å 43% Cacl
CASING SIZE 8 78" 24" DEPTH 210,454	AMOUNT ORDERED 1903/ A 4370 Caci
TUBING SIZE DEPTH	12% 6-0
DRILL PIPE DEPTH	
TOOL DEPTH	00 71.85.00
	COMMON 150 @17.90 2.685.00
MEAS. LINE SHOE JOINT 20 54	POZMIX (@
CEMENT LEFT IN CSG. 20 5+, 1.22666, 5.35x	
PERFS.	
DISPLACEMENT 12,5 bis Fresh Water	ASC@/
EQUIPMENT	@
1	@
PUMPTRUCK CEMENTER Clustes Elkins	@
# 409 HELPER Kevin Repo 3	@ @
BULK TRUCK	@
# 544/198 DRIVER Kerm Wieghouse 3	@
BULK TRUCK	@
# DRIVER	HANDLING 162.99 @ 2.48 401.98
	MILEAGE 7.4 X 20 X 2.60 384.20
	TOTAL 3.861.28
REMARKS:	IVIAL <u>Journal</u>
Pumo 5331s Fresh Weter	1 th o
Penno 365his (150sx) Coment	SERVICE
Diplace with 12.56515 Fresh Water	
Leave 1,271315, 5.354 Cement in Cosing	DEPTH OF JOB 210 PUMP TRUCK CHARGE 15/2.25
Circulate 3 bbls, Rissy comments Sur Dace	
1	EXTRA FOOTAGE @@ 7.70 154.00
	MANIFOLD @ 4.40 88.00
	KUM 20 @ 4.70 88.2
CHARGE TO: Palerino Petroleum	TOTAL 1.754.35
ero per	IUIAL
STREET	
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	@
	@
	@
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	TOTAL
done to satisfaction and supervision of owner agent or	109 112
contractor. I have read and understand the "GENERAL	SALES TAX (If Any) 795, 75
TERMS AND CONDITIONS" listed on the reverse side.	5.611, 23
	TOTAL CHARGES U. VIO
PRINTED NAME JOSHIJA L SCUTT	DISCOUNT IF PAID IN 30 DAYS
FUILD MARIN 200 12	SALES TAX (IF Any) $193, 73$ TOTAL CHARGES 5.616. 23 DISCOUNT IF PAID IN 30 DAYS 4.212.18
	7.214
PRINTED NAME JOSHUAL SCUTT SIGNATURE JOSAN & SCUTT	
<i>v</i>	



DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum

4924 SE 84th St Newton KS 67114+8827

ATTN: Ryan Seib

23-16s-24w Ness,KS

Dietterich-Simpson #1

Start Date: 2012.11.15 @ 20:18:05 End Date: 2012.11.16 @ 02:56:20 Job Ticket #: 50755 DST #: 1

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

Printed: 2012.11.23 @ 08:49:39

RILOBITE	DRILL STEM TES	ST REP	ORT				
1. 5-1-4 Language	Palomino Petroleum		Diett	erich-	Simpson	¥1	
ESTING , IN	C 4924 SE 84th St New ton KS 67114+8827			5s-24w cket: 50	Ness,KS	DST#:	4
	ATTN: Ryan Seib)12.11.15 @		I
GENERAL INFORMATION:							
Formation: Cherokee Sand Deviated: No Whipstock Time Tool Opened: 22:34:00 Time Test Ended: 02:56:20	ft (KB)		Test T Tester Unit N	r: /	Conventional Andy Carreir 39		le (Initial)
Total Depth: 4529.00 ft (KB)	4529.00 ft (KB) (TVD) TVD) ole Condition: Poor		Refere		evations:	2510.00 2505.00 5.00	ft (CF)
Serial #: 8372OutsidePress@RunDepth:23.57 psiStart Date:2012.11.1Start Time:20:18:0	5 End Date:	2012.11.16 02:56:20	Capacity: Last Calib.: Time On Bt Time Off Bt	im: 2	2012.11.15 (2012.11.16 (_	;
TEST COMMENT: IF:(30min) Blo ISI:(30min) No FF:(30min) No FSI:(30min) No Pressure v	Return Blow Return						
2200	6372 Temperature	Time		Temp	RE SUMM		
	110	(Min.) 0		(deg F) 108.87	Initial Hydro	- etatic	
200		1	1	100.07	Open To Fl		
		31	22.50	109.81	Shut-In(1) End Shut-Ir	.(1)	
		61 62	108.14 22.56	110.68 110.64	Open To Fl	• •	
		Temperature 62 92 122	23.57	111.44	Shut-In(2)		
		⁵ 122 123	65.43 2230.43	112.15 113.00	1		
0 0 0 0 0 0 0 0 0 0 0 0 0 0	10 Fri m) 344						
Recover	/		I	Ga	I Is Rates		
Length (ft) Description	Volume (bbl)		I	Choke (re (psig) 0	Gas Rate (Mcf/d)
5.00 Mud	0.02	 					
	Ref. No: 50755			<u> </u>	2012.11.23		

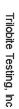
r 4

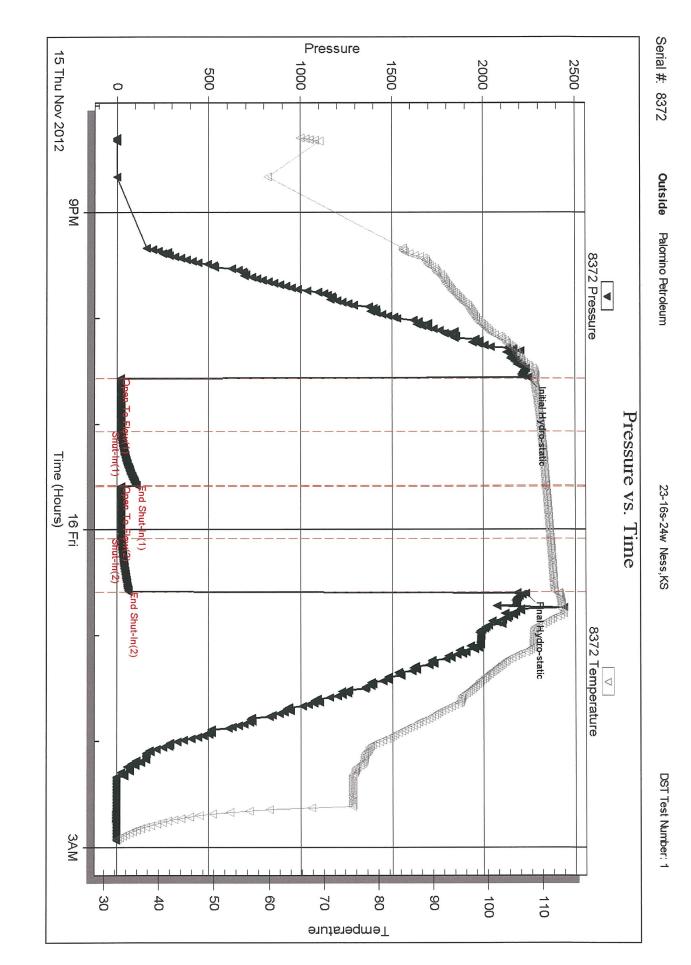
	DRILL STEM TES	ST REP	ORT				
RILOBITE	Palomino Petroleum		Die	tterich-	Simpso	n #1	
ESTING , INC.	4924 SE 84th St New ton KS 67114+8827			16s-24w	-		
	ATTN: Ryan Seib			Ticket: 50 t Start: 20		DST# @ 20:18:05	
GENERAL INFORMATION:							
Formation:Cherokee SandDeviated:NoWhipstock:Time Tool Opened:22:34:00Time Test Ended:02:56:20	ft (KB)		Test Test Unit	ter:	Convention Andy Carr 39	nal Bottom I eira	Hole (Initial)
Interval: 4478.00 ft (KB) To 45 Total Depth: 4529.00 ft (KB) (TV	′D)		Refe	erence Ee		2505.0	00 ft (KB) 00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Poor			KB t	o GR/CF:	5.0	00 ft
Serial #: 8017InsidePress@RunDepth:psigStart Date:2012.11.15Start Time:20:18:05	 @ 4485.00 ft (KB) End Date: End Time: 	2012.11.16 02:55:59	Capacity: Last Calit Time On I Time Off	b.: Btm:		8000.(2012.11.1	00 psig 16
FF:(30min) No Blo FSI:(30min) No Re							
Pressure vs. Ti	me		PF	RESSUF	RE SUM	MARY	
Pressure vs. Ti		Time (Min.)	Pf Pressure (psig)	RESSUF Temp (deg F)	RE SUMI		
	INP 0077 Temperature 0077 Temperature 007 Temp		Pressure	Temp			
5 Thu Nev 2012	INP 0077 Temperature 0077 Temperature 007 Temp	(Min.)	Pressure	Temp (deg F)			
	INP 0077 Temperature 0077 Temperature 007 Temp	(Min.)	Pressure	Temp (deg F)	Annota s Rates		Gas Rate (Mcf/d)

MIN T			DRII	LL STE	M TEST	REPOR	R I		TOOL DIAGRA
	RILOE			o Petroleum			Dietterich-Sim	npson #	#1
	 ES1	T <mark>ING</mark> , INC	4924 SE	E84th St			23-16s-24w Ne	ss,KS	
			New ton	KS 67114+8	3827		Job Ticket: 50755		DST#: 1
			ATTN:	Ryan Seib			Test Start: 2012.1	11.15 @	20:18:05
Tool Informatic	on		- 						
Drill Pipe:	Length:	4178.00 ft	Diameter:	3.80 in	ches Volume:	58.61 bbl	Tool Weight:		3000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 in	ches Volume:	0.00 bbl	Weight set on I	Packer:	24000.00 lb
Drill Collar:	Length:	300.17 ft	Diameter:	2.25 in	ches Volume:	1.48 bbl	Weight to Pull L	_oose:	64000.00 lb
	/D·	70 47 51			Total Volume:	60.09 bbl	Tool Chased		0.00 ft
Drill Pipe Above k Depth to Top Pac		28.17 ft 4478.00 ft					String Weight:		58000.00 lb
Depth to Top Pac Depth to Bottom I		4478.00 ft						Final	58000.00 lb
Interval between		51.00 ft							
Tool Length:	LONGIO.	79.00 ft							
Number of Packe	rs:	2	Diameter:	6.75 in	ches				
Tool Comments:	on	Le	ngth (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths		
Tool Comments: Tool Descriptic		Le	ngth (ft) 1.00	Serial No.	Position	Depth (ft) 4451.00	Accum. Lengths		
		Le		Serial No.	Position		Accum. Lengths		
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool		Le	1.00	Serial No.	Position	4451.00	Accum. Lengths		
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool		Le	1.00 5.00	Serial No.	Position	4451.00 4456.00	Accum. Lengths		
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars		Le	1.00 5.00 5.00	Serial No.	Position	4451.00 4456.00 4461.00	Accum. Lengths		
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint		Le	1.00 5.00 5.00 5.00	Serial No.	Position	4451.00 4456.00 4461.00 4466.00	Accum. Lengths 28.00		Bottom Of Top Pack
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer		Le	1.00 5.00 5.00 5.00 3.00	Serial No.	Position	4451.00 4456.00 4461.00 4466.00 4469.00			Bottom Of Top Pack
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer		Le	1.00 5.00 5.00 5.00 3.00 5.00	Serial No.	Position	4451.00 4456.00 4461.00 4466.00 4469.00 4474.00 4478.00 4479.00			Bottom Of Top Pack
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	b	Le	1.00 5.00 5.00 5.00 3.00 5.00 4.00	Serial No.	Position	4451.00 4456.00 4461.00 4466.00 4469.00 4469.00 4474.00 4478.00 4479.00 4484.00			Bottom Of Top Pack
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations	b	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00		Position	4451.00 4456.00 4461.00 4466.00 4469.00 4469.00 4474.00 4478.00 4479.00 4484.00 4485.00			Bottom Of Top Pack
Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sul	b	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00 5.00	8017	Position	4451.00 4456.00 4461.00 4466.00 4469.00 4469.00 4474.00 4478.00 4479.00 4484.00			Bottom Of Top Pack
Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sul Recorder	b	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00 5.00 1.00			4451.00 4456.00 4461.00 4466.00 4469.00 4469.00 4474.00 4478.00 4479.00 4484.00 4485.00			Bottom Of Top Pack
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sul Recorder Recorder	b	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00 5.00 1.00 0.00	8017	Inside	4451.00 4456.00 4461.00 4466.00 4469.00 4474.00 4478.00 4478.00 4479.00 4485.00 4485.00			Bottom Of Top Pack
Tool Comments: Tool Descriptic Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Stubb Perforations Change Over Sul Recorder Recorder Drill Pipe	b	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00 5.00 0.00 0.00	8017	Inside	4451.00 4456.00 4461.00 4466.00 4469.00 4474.00 4474.00 4478.00 4479.00 4485.00 4485.00 4485.00			Bottom Of Top Pack
Tool Comments: Tool Descriptic Change Over Sul	b	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00 5.00 1.00 0.00 0.00 32.00	8017	Inside	4451.00 4456.00 4461.00 4469.00 4469.00 4474.00 4478.00 4478.00 4479.00 4485.00 4485.00 4485.00 4485.00 4517.00			Bottom Of Top Pack
Tool Comments: Tool Descriptio Change Over Sul Shut In Tool Hydraulic tool Jars Safety Joint Packer Packer Packer Stubb Perforations Change Over Sul Recorder Drill Pipe Change Over Sul	b	Le	1.00 5.00 5.00 3.00 5.00 4.00 1.00 5.00 1.00 0.00 32.00 1.00	8017	Inside	4451.00 4456.00 4461.00 4466.00 4469.00 4474.00 4478.00 4478.00 4478.00 4485.00 4485.00 4485.00 4485.00 4485.00 4517.00 4518.00		Bot	Bottom Of Top Pack

AT IN -		DRIL	L STE	EM TEST F	REPORT	-		FLUID S	UMMAR
	RILOBITE	Palomino I	Petroleum			Dietteric	h-Simpson	#1	
	ESTING , INC.	4924 SE 8 New ton K		+8827			w Ness,KS	DST#:1	
		ATTN: R	iyan Seib			Job Ticket: Test Start:	2012.11.15 @		
Mud and Cu	Ishion Information						<u></u>		
Mud Type: G∉ Mud Weight: ∕iscosity:	el Chem 9.00 lb/gal 49.00 sec/qt		Cus	shion Type: shion Length: shion Volume:		ft bbl	Oil API: Water Salinit	y:	deg A PI ppm
Nater Loss: Resistivity:	12.35 in ³ ohm.m		Gas	s Cushion Type: s Cushion Pressure	9:	psig			
Salinity: Filter Cake:	4500.00 ppm inches								
Recovery In	formation		Da						
	Lengt	h		covery Table Description		Volume			
	fť		Aud	•		bbl 0.0	25		
	Total Length:	<u>5.00 1 %</u> 5.00		Total Volume:	0.025 bbl	0.0	201		
	Num Fluid Sampl	100. 0		Num Gas Bombs:	0	Serial			
	Laboratory Nam Recovery Comm	ne:		Laboratory Locatio	-	Condi			
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				
	Laboratory Nam	ne:			-				

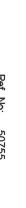


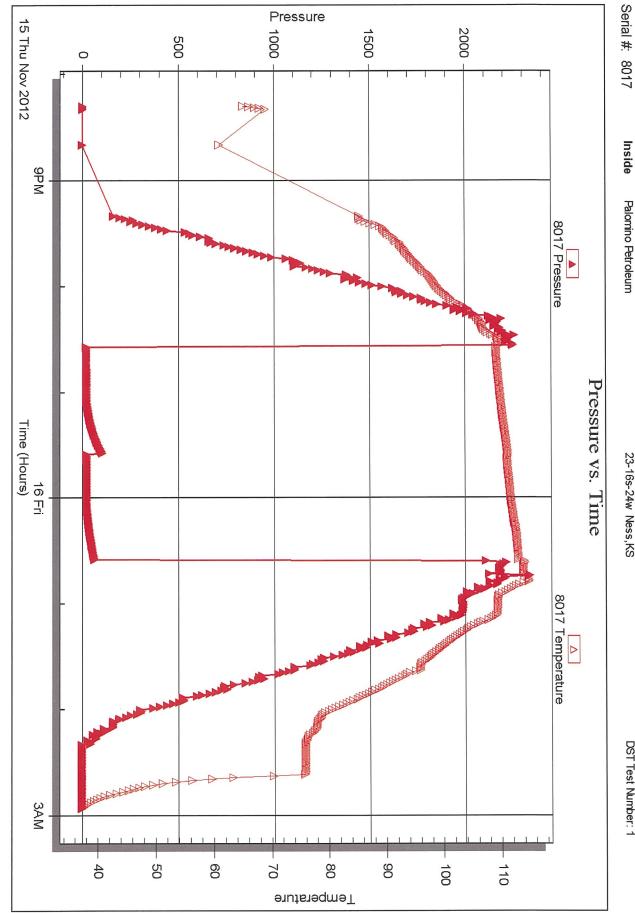






Trilobite Testing, Inc





Inside

Palomino Petroleum

23-16s-24w Ness,KS

DST Test Number: 1



DRILL STEM TEST REPORT

Prepared For: Palomino Petroleum

4924 SE 84th St Newton KS 67114+8827

ATTN: Ryan Seib

23-16s-24w Ness,KS

Dietterich-Simpson #1

Start Date: 2012.11.16 @ 18:15:05 End Date: 2012.11.17 @ 00:53:29 Job Ticket #: 50756 DST #: 2

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

Printed: 2012.11.23 @ 08:48:41

RILOBITE	DRILL STEM TES					
TESTING, INC.	Palomino Petroleum		Diet	terich-	Simpson #	1
	4924 SE 84th St New ton KS 67114+8827			6s-24w Ficket: 50	Ness,KS 756	DST#:2
	ATTN: Ryan Seib		Test	Start: 20	12.11.16 @ 1	18:15:05
GENERAL INFORMATION:	• • • • • • • • • • • • • • • • • • •					
Formation: Deviated: No Whipstock: Fime Tool Opened: 20:12:40 Fime Test Ended: 00:53:29	ft (KB)		Test Teste Unit N	er: A	Conventional Andy Carreira	Straddle (Reset) a
nterval:4501.00 ft (KB) To455Total Depth:4610.00 ft (KB) (TVIHole Diameter:7.88 inchesHole	D)		Refe	rence ⊟e KB te	vations: o GR/CF:	2510.00 ft (KB) 2505.00 ft (CF) 5.00 ft
Serial #: 8372OutsidePress@RunDepth:39.39 psig @Start Date:2012.11.16Start Time:18:15:05TEST COMMENT:IF:(30min) 1/4" BlocISI:(30min) No RetFF:(30min) No RetFSI:(30min) No RetFSI:(30min) No Ret	End Date: End Time: w urn se Blow Died in 10 min	2012.11.17 00:53:29	Capacity: Last Calib Time On B Time Off B	.: Stm: 2	2 2012.11.16 @ 2012.11.16 @	
Pressure vs. Tir		1	<u></u>			DV
2000 1000	<u>взяг тепрендии</u> почесника поч	Time (Min.) 0 2 32 62 62 92 122 123	Pressure (psig) 2325.83 22.88 31.22 1024.65 33.32 39.39 848.40 2248.91	Temp (deg F) 112.10 111.68 113.11 113.90	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo Shut-In(2) End Shut-In	-static w (1) (1) w (2) (2)
Recovery			ĮĮ	Ga	s Rates	
Length (ft) Description	Volume (bbl)			Choke (i	nches) Pressure	e (psig) Gas Rate (Mcf/d)
20.00 WM w / oil spks in tool	0.10					

	DRILL STEM TES	ST REPO	ORT				
RILOBITE	Palomino Petroleum		Die	tterich-	Simpsor	n #1	
ESTING , INC	4924 SE 84th St New ton KS 67114+8827			16s-24w Ticket: 50	Ness,K	S DST#	#: 2
	ATTN: Ryan Seib		Tes	t Start: 20)12.11.16 (@ 18:15:05	i
GENERAL INFORMATION:			······································				
Formation: Deviated: No Whipstock: Time Tool Opened: 20:12:40 Time Test Ended: 00:53:29	ft (KB)		Tes Tes Unit	ter:	Conventior Andy Carro 39	nal Straddle eira	e (Reset)
nterval: 4501.00 ft (KB) To 45 Fotal Depth: 4610.00 ft (KB) (Tv 4610.00 ft (KB) (Tv Hole Diameter: 7.88 inchesHole			Ref	erence ⊟e KB t	evations:	2505.0	00 ft(KB) 00 ft(CF) 00 ft
Serial #:8017InsidePress@RunDepth:psigStart Date:2012.11.16Start Time:18:15:05	@ 4508.00 ft (KB) End Date: End Time:	2012.11.17 00:53:29	Capacity Last Cali Time On Time Off	b.: Btm:		8000.0 2012.11.1	00 psig 17
FSI:(30min) No R	ce Blow Died in 10 min eturn ime		Pl	RESSUF	RE SUMI	MARY	
8017 Pressure	8017 Temperature	Time (Min.)	Pressure (psig)	Temp (deg F)	Annota	tion	
200 400 400 400 400 400 400 400	110 100 00 00 00 00 00 00 00 00	Temperature (deg F)					
Recovery				Ga	is Rates		• • • • • • • • • • • • • • • • • • •
Length (ft) Description	Volume (bbl)			Choke (inches) Pres	ssure (psig)	Gas Rate (Mcf/d)
20.00 WM w / oil spks in tool	0.10						

RILOBITE	Palomino Petroleum		Dietteric	h-Simpson	#1
ESTING , INC	4924 SE 84th St		23-16s-24	w Ness,KS	5
	New ton KS 67114+8827		Job Ticket:	50756	DST#:2
	ATTN: Ryan Seib		Test Start:	2012.11.16 @) 18:15:05
GENERAL INFORMATION:			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Formation: Deviated: No Whipstock: Time Tool Opened: 20:12:40 Time Test Ended: 00:53:29	ft (KB)		Test Type: Tester: Unit No:	Convention Andy Carre 39	al Straddle (Reset) ira
Interval: 4501.00 ft (KB) To 450 Total Depth: 4610.00 ft (KB) (TV Hole Diameter: 7.88 inches Hole	′D)			Elevations: B to GR/CF:	2510.00 ft (KB) 2505.00 ft (CF) 5.00 ft
Serial #: 8647 Below (Strado	dle)				
Press@RunDepth: psig (Start Date: 2012.11.16 Start Time: 18:15:05		2012.11.17 00:51:59	Capacity: Last Calib.: Time On Btm:		8000.00 psig 2012.11.17
			Time Off Btm:		
ISI:(30min) No Re FF:(30min) Surfa FSI:(30min) No Re	ce Blow Died in 10 min				
FF:(30min) Surfac FSI:(30min) No Re Pressure vs. Ti 800 Pressure	eturn me	Time	PRESS	URE SUMM	
FF:(30min) Surfac FSI:(30min) No Re Pressure vs. Ti	ce Blow Died in 10 min eturn me 660 Temperature	∞ Time ∞ (Min.)		Annotat	
FF:(30min) Surfac FSI:(30min) No Re Pressure vs. Ti 000 Pressure 2000	ce Blow Died in 10 min eturn me 069 Temperature	∞ (Min.) ∞ ວັ _ថ	Pressure Temp	Annotat	
FF:(30min) Surfac FSI:(30min) No Re Pressure vs. Ti 200 200	ce Blow Died in 10 min eturn me 057 Temperature	[∞] (Min.)	Pressure Temp	Annotat	
FF:(30min) Surfac FSI:(30min) No Re Pressure vs. Ti 200 200 200	ce Blow Died in 10 min eturn me 650 Temperature	20 (Min.) 10 Σ 20 Temperature (deg F) 20 5	Pressure Temp	Annotat	
FF:(30min) Surfac FSI:(30min) No Re Pressure vs. Ti 200 200 200 200 200 200 200 200 200 20	ce Blow Died in 10 min eturn	20 (Min.) 10 Σ 20 Temperature (deg F) 20 5	Pressure Temp	Annotat	
FF: (30min) Surfac FSI: (30min) No Re Pressure vs. Ti 000 Pressure 2000 4000 4000 4000 4000 4000 4000 400	ce Blow Died in 10 min eturn	20 (Min.) 10 Σ 20 Temperature (deg F) 20 5	Pressure Temp (psig) (deg l	Annotat	
FF: (30min) Surfac FSI: (30min) No Re Pressure vs. Ti 000 Pressure 000	ce Blow Died in 10 min eturn	20 (Min.) 10 Σ 20 Temperature (deg F) 20 5	Pressure Temp (psig) (deg l	Annotat	
FF: (30min) Surfac FSI: (30min) No Re	ce Blow Died in 10 min eturn	20 (Min.) 10 Σ 20 Temperature (deg F) 20 5	Pressure Temp (psig) (deg l	Annotat	ion
FF: (30min) Surfac FSI: (30min) No Re Pressure vs. Ti 200 200 200 200 200 200 200 20	ce Blow Died in 10 min eturn	20 (Min.) 10 Σ 20 Temperature (deg F) 20 5	Pressure Temp (psig) (deg l	Annotat	ion
FF: (30min) Surfac FSI: (30min) No Re Pressure vs. Ti 200 200 200 200 200 200 200 20	ce Blow Died in 10 min eturn	20 (Min.) 10 Σ 20 Temperature (deg F) 20 5	Pressure Temp (psig) (deg l	Annotat	ion

		DRII	LL STE	M TEST	REPOF	RT	TOOL DIAGRAN
RILOB		Palomin	o Petroleum			Dietterich-Simpson	#1
EST	TING , INC	1024 5	E84th St			23-16s-24w Ness,KS	1
	•		- 67114+8 KS 67114+8	8827		Job Ticket: 50756	, DST#:2
		ATTN:	Ryan Seib			Test Start: 2012.11.16 @	y 18:15:05
Tool Information		-					
Drill Pipe: Length:	4241.00 ft	Diameter:	3.80 in	ches Volume:	59.49 bbl	Tool Weight:	4000.00 lb
Heavy Wt. Pipe: Length:		Diameter:		ches Volume:	0.00 bbl	0	
Drill Collar: Length:	239.87 ft	Diameter:		ches Volume:	1.18 bbl		
Drill Pipe Above KB:	7.87 ft			Total Volume:	60.67 bbl		0.00 ft
Depth to Top Packer:	4501.00 ft					String Weight: Initial Final	56000.00 lb 56000.00 lb
Depth to Bottom Packer:	4554.00 ft					Final	50000.00 b
interval between Packers:	53.00 ft						
Tool Length:	141.00 ft						
Number of Packers:	2	Diameter:	6.75 in	ches			
Tool Comments:							
			Control No.	Desition	Danth (ft)	Assum Langtha	
Tool Description	Lei	ngtn (π) 1.00	Serial No.	Position	Depth (ft) 4474.00	Accum. Lengths	······································
Change Over Sub		5.00			4474.00		
Shut In Tool		5.00			4479.00		
Hydraulic tool		5.00			4489.00		
Jars		5.00			4403.00		
Onfation Jaliant		2 00			4402.00		
-		3.00			4492.00	28.00	Rottom Of Top Packer
Packer		5.00			4497.00	28.00	Bottom Of Top Packer
Packer Packer		5.00 4.00		1	4497.00 4501.00	28.00	Bottom Of Top Packer
Packer Packer Stubb		5.00 4.00 1.00			4497.00 4501.00 4502.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations		5.00 4.00 1.00 5.00			4497.00 4501.00 4502.00 4507.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub		5.00 4.00 1.00 5.00 1.00	9017	Insida	4497.00 4501.00 4502.00 4507.00 4508.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub Recorder		5.00 4.00 1.00 5.00 1.00 0.00	8017	Inside	4497.00 4501.00 4502.00 4507.00 4508.00 4508.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder		5.00 4.00 1.00 5.00 1.00 0.00 0.00	8017 8372	Inside Outside	4497.00 4501.00 4502.00 4507.00 4508.00 4508.00 4508.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe		5.00 4.00 1.00 5.00 1.00 0.00 0.00 32.00			4497.00 4501.00 4502.00 4507.00 4508.00 4508.00 4508.00 4508.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub		5.00 4.00 1.00 5.00 1.00 0.00 0.00 32.00 1.00			4497.00 4501.00 4502.00 4507.00 4508.00 4508.00 4508.00 4508.00 4540.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations		5.00 4.00 1.00 5.00 1.00 0.00 0.00 32.00 1.00 8.00			4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4541.00 4549.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub		5.00 4.00 1.00 5.00 0.00 0.00 32.00 1.00 8.00 1.00			4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4549.00 4550.00		
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing		5.00 4.00 1.00 5.00 1.00 0.00 32.00 1.00 8.00 1.00 4.00			4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4540.00 4540.00 4550.00 4554.00	28.00	Bottom Of Top Packer
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Fipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer		$ 5.00 \\ 4.00 \\ 1.00 \\ 5.00 \\ 1.00 \\ 0.00 \\ 32.00 \\ 1.00 \\ 8.00 \\ 1.00 \\ 4.00 \\ 4.00 $			4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4540.00 4549.00 4550.00 4554.00 4558.00		
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb		$ 5.00 \\ 4.00 \\ 1.00 \\ 5.00 \\ 1.00 \\ 0.00 \\ 32.00 \\ 1.00 \\ 8.00 \\ 1.00 \\ 4.00 \\ 4.00 \\ 1.00 $			4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4549.00 4550.00 4554.00 4558.00 4559.00		
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations		5.00 4.00 1.00 5.00 0.00 0.00 32.00 1.00 8.00 1.00 4.00 4.00 1.00 17.00			4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4540.00 4554.00 4554.00 4558.00 4559.00 4559.00		
Packer Packer Stubb Perforations Change Over Sub Recorder Drill Fipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Change Over Sub		$ 5.00 \\ 4.00 \\ 1.00 \\ 5.00 \\ 1.00 \\ 0.00 \\ 32.00 \\ 1.00 \\ 4.00 \\ 4.00 \\ 1.0$	8372	Outside	4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4540.00 4540.00 4550.00 4554.00 4558.00 4559.00 4576.00 4577.00		
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Change Over Sub Recorder		$ 5.00 \\ 4.00 \\ 1.00 \\ 5.00 \\ 1.00 \\ 0.00 \\ 32.00 \\ 1.00 \\ 8.00 \\ 1.00 \\ 4.00 \\ 4.00 \\ 1.00 \\ 1.00 \\ 1.00 \\ 0.00 \\ 0.00 $			4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4549.00 4550.00 4554.00 4558.00 4559.00 4559.00 4577.00		
Packer Packer Stubb Perforations Change Over Sub Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Change Over Sub Recorder Drill Pipe		5.00 4.00 1.00 5.00 0.00 0.00 32.00 1.00 8.00 1.00 4.00 4.00 1.00 17.00 1.00 0.00 32.00	8372	Outside	4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4540.00 4550.00 4550.00 4554.00 4559.00 4559.00 4577.00 4609.00		
Safety Joint Packer Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Change Over Sub Recorder Drill Pipe Change Over Sub		5.00 4.00 1.00 5.00 1.00 0.00 32.00 1.00 4.00 4.00 1.00 1.00 1.00 32.00 1.00	8372	Outside	4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4540.00 4540.00 4550.00 4554.00 4558.00 4559.00 4577.00 4577.00 4609.00 4610.00		
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Change Over Sub Recorder Drill Pipe Change Over Sub Perforations		5.00 4.00 1.00 5.00 1.00 0.00 32.00 1.00 4.00 4.00 1.00	8372	Outside	4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4508.00 4540.00 4549.00 4550.00 4554.00 4558.00 4559.00 4576.00 4577.00 4609.00 4610.00	53.00	Tool Interval
Packer Packer Stubb Perforations Change Over Sub Recorder Recorder Drill Pipe Change Over Sub Perforations Blank Off Sub Blank Spacing Packer Stubb Perforations Change Over Sub Recorder Drill Pipe Change Over Sub		5.00 4.00 1.00 5.00 1.00 0.00 32.00 1.00 4.00 4.00 1.00 1.00 1.00 32.00 1.00	8372	Outside	4497.00 4501.00 4502.00 4508.00 4508.00 4508.00 4508.00 4540.00 4540.00 4540.00 4550.00 4554.00 4558.00 4559.00 4577.00 4577.00 4609.00 4610.00	53.00	

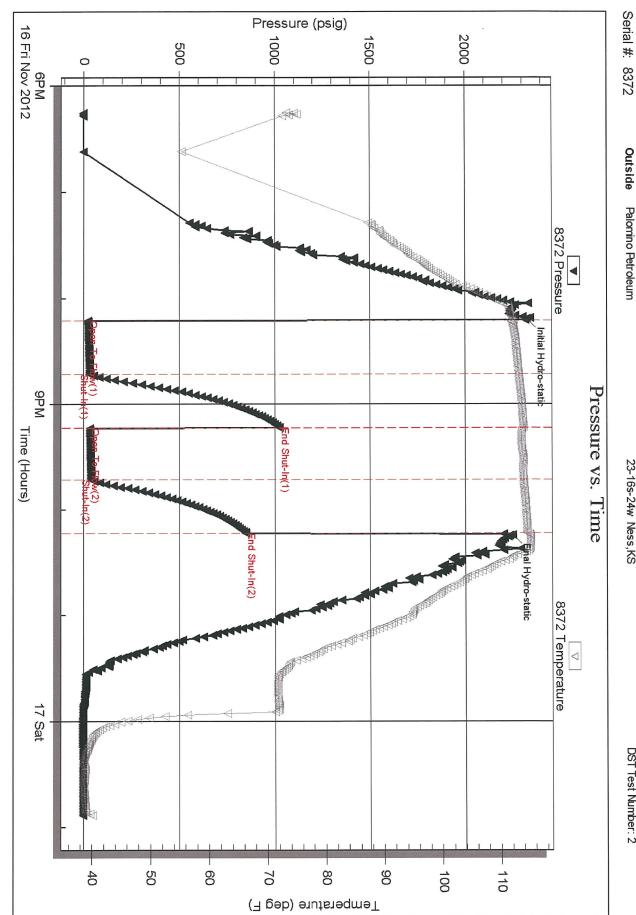
Trilobite Testing, Inc

	RILOBI	ITF 🗍			EMTEST	REPORT			FLUID S	UMMAR
	"Applications of a second statement	1	Palomino	Petroleu	IM		Dietterich	-Simpson	#1	
目	 ESTI	ING , INC	4924 SE New ton		4+8827			w Ness,KS		
							Job Ticket: {		DST#:2	
			ATTN:	Ryan Sei	b		Test Start: 2	2012.11.16 @	18:15:05	
	ushion Info	ormation								
21	Gel Chem	· / 1			ushion Type:		£1.	Oil API:		deg API
/lud Weight: /iscosity:	9.00 lb 56.00 s	-			ushion Length: ushion Volume:		ft bbl	Water Salinit	y:	ppm
Vater Loss:	11.17 ir				as Cushion Type:		551			
Resistivity:		hm.m			as Cushion Pressur	e:	psig			
Salinity:	4800.00 p	pm								
ilter Cake:	ir	nches								
Recovery I	nformation			П	oover Table					
	1	Lengt	h I		ecovery Table		Volume	7		
		ft					bbl	_		
					il spks in tool		0.09	8		
		al Length:	20.0	00 ft	Total Volume:	0.098 bbl				
		n Fluid Samp			Num Gas Bombs:	0	Serial #	# :		
		oratory Nam covery Comn			Laboratory Locati	on:				

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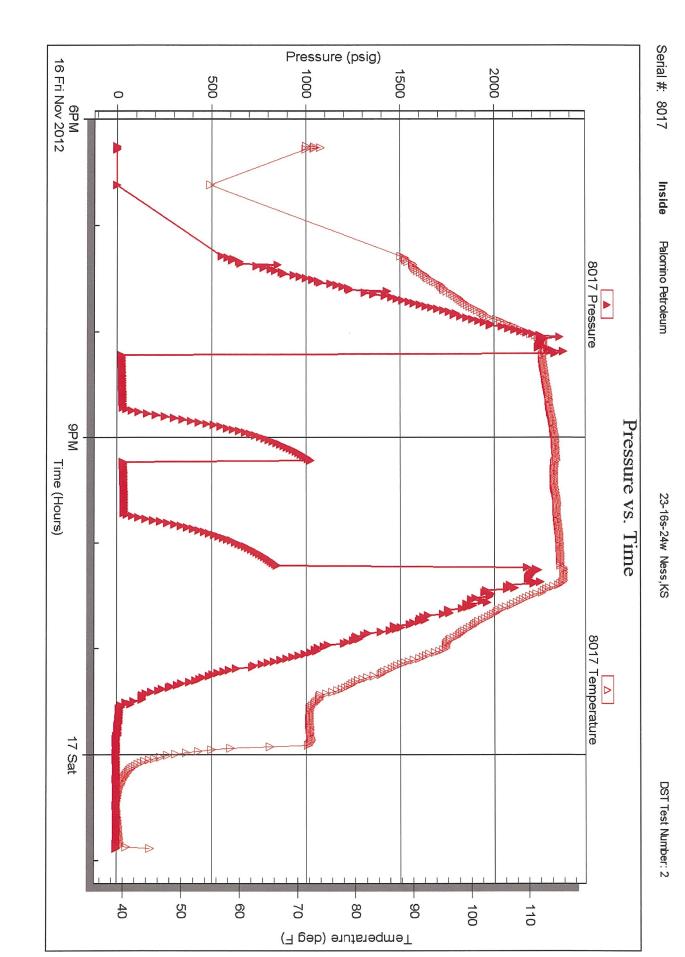
Outside Palomino Petroleum

23-16s-24w Ness,KS

DST Test Number: 2

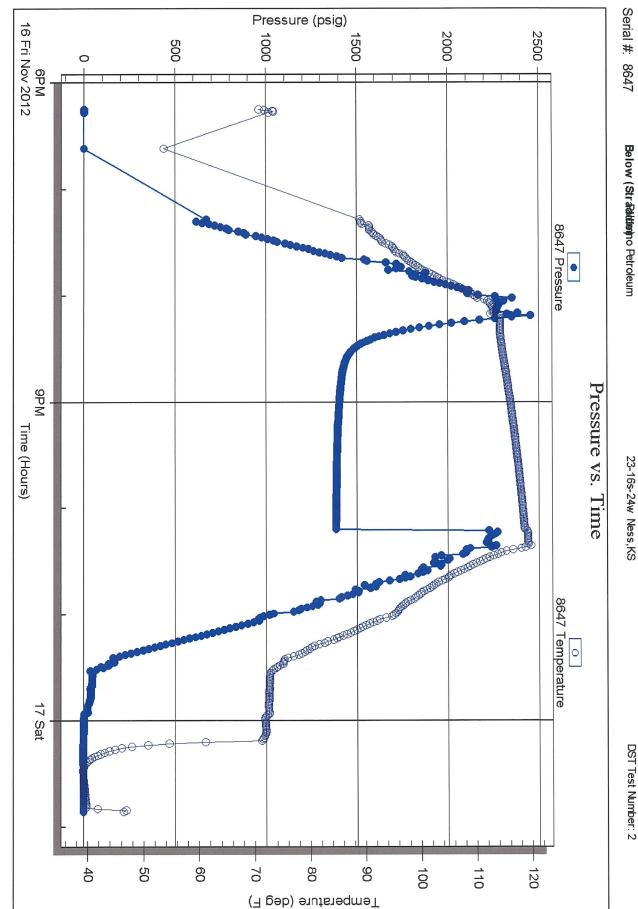








Trilobite Testing, Inc



DST Test Number: 2

Serial #: 8647 Below (Straddutien)no Petroleum

4/10	RILOBITE ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 67	601	NO.	'icket 50755	
Location: Sec.	OMINO PETER/2	NEWTON Rge. 24W Zone Tested Drill Pipe Run Drill Collars Run Wt. Pipe Run	4178 300.17 -0	500 + 8821 (AR) R:	12.4	[2GL
Rec	Feet of <u>Mud</u> Feet of <u>Feet of</u> Feet of <u>Feet of</u>		%gas %gas %gas %gas	%oil %oil %oil %oil	%water %water %water %water	%mud %mud %mud %mud
Rec Total (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	19 22 108 22	Gravity Test125 Jars250 Safety Joint Circ Sub Hourly Standby Mileage Sampler Straddle	75 UKRT 192.20	T-On Locat T-Started T-Open T-Pulled T-Out Comments	%water nlorides ion/ 8 : 48 20:18 22:35 00:35 02:57 Shale Packer	
Initial Open C Initial Shut-In Final Flow Final Shut-In	2	 Shale Packer Extra Packer Extra Recorder Day Standby Accessibility Sub Total <u>1767</u>. 		 Ruined Extra C Sub Total _ 	Packer Copies 0 67.20	

RILOBITE ESTING INC. 1515 Commerce Parkway	• Hays, Kansas 67601				
2100 Peteo Jeur 24 ST 84H N 23 TWP. 165 4501-4554 53	Rge. 24w Zone Tested Drill Pipe Run	CO. NESS	570 8827 11AeJ R	кв_2505 2192 State Ks	GL
4554 4610 F: 4 blow NO RE FURN SARFACE BLOW NO REFUS	Wt. Pipe Run Chlorides 480	DO ppm S	WL	11.2	
Feet of WMw/oil	SpKs IN FOST	%gas	%oil	%water	%mud
					%mud %mud
					%mud
					%mud
2325 22 31 1024 33 39 848 2248 2248 30 30	 Test < 1250 Jars < 250 Jars < 250 Safety Joint < 75 Circ Sub Hourly Standby Mileage Accessibility 	192.20	T-On Locat T-Started _ T-Open T-Pulled T-Out Comments Ruinec Ruinec Sub Total _ Total _ 23 (tion $17:41$ 18:15 20:13 22:13 0053 1 Shale Packer 1 Packer 20 1 Packer 0 57.20	
	ESTING INC. 1515 Commerce Parkway DIETERSCH -S 2100 P2Teo JEUR 24 ST 844 N 24 ST 844 N 23 TWP. 165 23 TWP. 165 2450 J - 4554 53 450 J - 4554 50 50 50 50 50 50 50 50 50 50	TESTING INC.1515 Commerce Parkway - Hays, Kansas 67601DI ETT 20, Charlen SDN #/DI ETT 20, Charlen SDN #/DI ETT 20, Charlen SDN #/DI ETT 20, Charlen SDN #/Rec. Sim DSDN #/Sim DSDN #/Sim DSDN #/Sim DSDN #/Sim DSDN #/Rec. Sim DSDN #/Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2	TESTING INC.1515 Commerce Parkway - Hays, Kansas 67601DI ETT 201 SUM PSON #/ Test NoDI ETT 201 SUM PSON #/ Test NoRelevation 2Relevation 2Colspan="2">Relevation 2Colspan="2">Colspan="2">Relevation 2Colspan="2">Relevation 2Colspan="2">Relevation 2Colspan="2">Colspan="2">Relevation 2Colspan="2">Colspan="2">Relevation 2Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2"Colspan="2	TESTING INC.1515 Commerce Parkway - Hays, Kansas 67601NO.DIET 20 FEURElevation257024 col FEURElevation2570RIGMALL DE LA FEURSALAD FEURSAL	TESTING INC.NO. 50756DISTING INC.NO. 50756DISTING INC.Q Date //-/6-7PRODUCTION POINT OF POI