

Kansas Corporation Commission Oil & Gas Conservation Division

1151888

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
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 Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Original Total Depth: Conv. to ENHR	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 #:	Lease Name: License #:
SWD Permit #:	QuarterSec TwpS. R East West
ENHR Permit #:	County: Permit #:
GSW Permit #:	
Spud Date or Date Reached TD Completion Date or Recompletion Date 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 Approved by: Date:

Side Two



Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	sed, flowing and shut es if gas to surface tes	d base of formations per -in pressures, whether s st, along with final chart(well site report.	shut-in pressure rea	ached static level,	hydrostatic press	sures, bottom he	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		₋og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	·	☐ Yes ☐ No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set-		lew Used termediate, 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
	1	ADDITIONAL	_ _ CEMENTING / SQ	UEEZE RECORD	I		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Pluç ootage of Each Interval Per			cture, Shot, Cement mount and Kind of Ma	•	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met	hod:		other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wa	ter Bl	pls. (Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		ly Comp. Con	nmingled mit ACO-4)	PRODUCTIO	N INTERVAL:

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	Rocking R Farms 1
Doc ID	1151888

Tops

Name	Тор	Datum
Anhy.	2268	(+ 832)
Base Anhy.	2281	(+ 819)
Heebner	3945	(- 845)
LKC	3993	(- 893)
ВКС	4447	(-1348)
Marmaton	4472	(-1372)
Pawnee	4557	(-1457)
Ft. Scott	4587	(-1487)
Cherokee Sh.	4606	(-1505)
Morrow Sd.	4870	(-1770)
Miss.	4885	(-1785)
LTD	5021	(-1921)



REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

RECEIVED

JUN 0 6 2013 MAIN OFFICE P.O. Box 884

Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

INVOICE				Invoice	#	259297
					=====:	======
Invoice Date:	05/31/2013	Terms:	10/10/30,n/30		Page	1

PALOMINO PETROLEUM, INC. 4924 SE 84TH STREET NEWTON KS 67114-8827 () -

TON MILEAGE DELIVERY

530

ROCKING FARMS #1 40005 16-20-34 05-31-2013 KS

Part Number Description Qty Unit Price Total

60/40 POZ MIX 1131 350.00 15.8600 5551.00 1118B PREMIUM GEL / BENTONITE 2408.00 .2700 650.16 FLO-SEAL (25#) 1107 86.00 2.9700 255.42 Description Sublet Performed Total CEMENT MATERIAL DISCOUNT 9996-130 -645.66 9995-130 CEMENT EQUIPMENT DISCOUNT -320.66 Hours Unit Price Description Total SQUEEZE PUMP (KICK OFF PLUG PUMP) 1.00 1785.00 399 1785.00 399 EOUIPMENT MILEAGE (ONE WAY) 45.00 5.25 236.25

Amount Due 10199.02 if paid after 06/30/2013

1.00

1185.30

1185.30

Parts: 6456.58 Freight: .00 Tax: 482.30 AR 9179.11
Labor: .00 Misc: .00 Total: 9179.11
Sublt: -966.32 Supplies: .00 Change: .00

Signed



TICKET NUMBER	40005
LOCATION Dak	
FOREMAN Hell	469be1

FIELD TICKET & TREATMENT REPORT

Walt Dinkei

	or 800-467-8676			CEMEN	Т			K5
DATE	CUSTOMER#	WELL	NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
5-31-13	6285	Rockin	a Farm-	5#1	16	2,05	3400	Scott
USTOMER.	210.02	4		Scott	Control of the Contro			
AILING ADDRI	alomin			C(+Y	TRUCK#	DRIVER	TRUCK#	DRIVER
				50km+0 Rd 40		25113		
CITY		STATE	ZIP CODE	11 6 /25	530	Juck		
		017112	2 0052	E: NTO		Jelemy		 -
OB TYPE DA	rtcoilar	HOLE SIZE	<u></u>	_ HOLE DEPTH	l	CASING SIZE & V	VEIGHT 5 V	2 15 5
		DRILL PIPE			7/8	OAOINO OILL & V	OTHER PCC	
	IT				k	CEMENT LEFT in		
	T12661					RATE		
						Pressur	6 9 DAR4	callar
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						Walt	Kelly &	crew
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401B	<u> </u>		PUMP CHARG	BE			178500	178550
5-106	415 m		MILEAGE				5, 25	236 25
1131		3K5	60/40	POZ			1536	5551
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5407A	15.0)5	Ton 1	nileage	delive	ſΥ	75	1185 30
		-						
		ATTENDED TO THE PERSON OF THE						
- 1							7.33	I .

Jan 100%) SALES TAX Ravin 3737 **ESTIMATED**

AUTHORIZTION

TITLE_

TOTAL DATE 5-31-13

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.

The graph of





P. O. Box 466

Ness City, KS 67560

Off: 785-798-2300



Invoice

DATE	INVOICE#
5/25/2013	24612

BILL TO

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

- Acidizing
- Cement
- Tool Rental

TERMS	Well N	o. Le	ase	County	Contractor	۷Ve	ІІ Туре	W	ell Category	Job Purpose	e Op	erator
Net 30	#1	Rockin	ng R. F	Scott	WW Drilling #2		Oil	D	evelopment	5-1/2" LongStr	ing W	/ayne
PRICE	REF.			DESCRIPT	ION	Bassassa constant	QTY	′	UM	UNIT PRICE	AMO	UNT
575D 578D-L 221 281 400-5 401-5 403-5 404-5 409-5 410-5 325 330 276 283 284 285 290 581D 583D		Liquid KCI Mud Flush 5 1/2" Guid 5 1/2" Inser 5 1/2" Cemo 5 1/2" Port 6 5 1/2" Turbo 5 1/2" Top I Standard Ce	ge - Long L (Clayfix le Shoe t Float W ent Baske Collar - T olizer Plug ement -Density S	ith Auto Fill t op Joint #66 - Standard (MID	2243 Feet			1 4 500 1 1 2 1 15 1 125 125 75	Miles Job Gallon(s) Gallon(s) Each Each Each Each Each Sacks Sacks Lb(s) Lb(s) Sack(s) Lb(s) Gallon(s) Sacks Ton Miles	6.00 1,500.00 25.00 1.25 200.00 160.00 285.00 2,650.00 90.00 100.00 14.00 17.00 2.00 0.20 35.00 4.00 42.00 2.00 1.00	1, 100 62: 200 160 570 2,650 1,350 100 1,750 2,12: 150 200 168	480.00 500.00 .000T 5.00T 0.00

We Appreciate Your Business!

Total

\$14,857.90



CITY, STATE, ZIP CODE

ADDRESS CHARGE TO: PALOMINO PEROLEUM

TICKET

Z 24612

REFERRAL LOCATION	4.		ىد	2.		1. ZECO THE	CEDIANCE CONTIONS
INVOICE INSTRUCTIONS	OZZ DENEMPM	WELL CATEGORY	WWD	TICKET TYPE CONTRACTOR	KOCKING K. TANKS	WELLTROSEC NO.	Lancas
	DENEMPHENT SIL LONGSTRENG	JOB PURPOSE	VIA	RIG NAME/NO.	FAMS SCOTT	COUNTY/PARISH	
		WELL PERMIT NO.	WACT LOCATEDI	SHIPPED DELIVERED TO	6	STATE CITY	
100000000000000000000000000000000000000	SW/SIMILIAND V	WELL LOCATION			5-25-13 SAME	DATE OWNER	

AGREE DECIDED AGREE	OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? WE UNDERSTOOD AND	REMIT PAYMENT TO:	the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY , and	the terms and condition but are not limited to, F
EA EA		TOP PWG	-	410
S 84	2.1	TURBOUTERS	-	HOG
SA.		PORT COUR TOPTY # 66		404
43	2	CEMENT BASILETS		403
EA		INSERT FLORT W/ AUTO FIN		401
ÇA		GUNDE SHOE		400
GAZ.	500	MUDFLUSH	_	781
GAZ	+	FLOND KC		22,1
1008 SO14		PUMP CHARGE		578
7m/	38	MILEAGE # 118		SMS
MVU	QTY.	DESCRIPTION	PART NUMBER LOC ACCT DF	REFERENCE
		THE COLUMN THE PROPERTY OF THE	-	-

DATE SIGNED 5-25-13 SWIFT OPERATOR MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO WORK OR DELIVERY OF GOODS Waxie Whisow TIME SIGNED 1006 M V APPROVAL

SWIFT SERVICES, INC.

MET YOUR NEEDS? OUR SERVICE WAS

LIMITED WARRANTY provisions.

NESS CITY, KS 67560

P.O. BOX 466 785-798-2300 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS PERFORMED WITHOUT DELAY? SATISFACTORILY?

ARE YOU SATISFIED WITH OUR SERVICE? ☐ CUSTOMER DID NOT WISH TO RESPOND ☐ YES ON O TOTAL 14,857 90

Subtotal

13,987 40

870

56

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket

Thank You!



TICKET CONTINUATION

No. 24612

PRICE REFERENCE 283 (58) 290 285 276 325 183 330 284 SECONDARY REFERENCE/ PART NUMBER PO Box 466 Ness City, KS 67560 Off: 785-798-2300 ည် ACCOUNTING ACCT DF TIME SERVICE CHARGE CHARGE TOTAL WEIGHT SALT SWOFT MULTE- DESSET STANGE U-AM CFB-CALSEAL FLOCELE STANDARD CEMENT CHATOMINO DESCRIPTION TETROLEUM LOADED MILES 点が TON MILES CUBIC FEET ROOMING R. FARMS ary. 125/5/5 125 SKS Sal as Solus 75/105 4 Gar <u>ens 19</u> u_M 4,910 250 ar. Str. 1 009 A UM DATE -25-13 PRICE 32100 428 8 F 318 F 8 بر 8 <u>الر</u> 8 8 PAGE 04/6/01 212518 1750 8 500 00 AMOUNT 200100 210100 168 00 130 00 150100

CONTINUATION TOTAL

6252,40

TOMER ALO!	neso f	ENOLEUM	WELL NO.		LEASE ROCKING	. R. F	TARMS 5/2" LONGSTRING TICKET NO. 24612
HART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS T C	PRESSUR TUBING		DESCRIPTION OF OPERATION AND MATERIALS
	0930	(DI M)	(BBC)(GAC)	- -	TOBING	CASING	ON LOCATION
							0,000
	0945						START 51/2" CASTOLO IN WELL
							TD-5020 SET = 5014
							TP-5016 51/2# 15.5
							55-42'
							TURBOLIZER-1,3,5,7,9,10,11,12,13,14,15,16,17,18
							CMT BSKS-1,66
							POET Course = 2243 TORT # 66
	1140						DROP BALL- GREWHTE
	1240	7	12				
	1240	-/		- V		450	PUMP 500 GAC MUDFLUSH
	1242	7	20			1150	PUMP 20 BEED KCL-FLUGH
						750	TOTAL AU BUZ ALC-PLASH
	1245		7-5				PLUG RH (305KS) MH (205KS)
	1250	Ь	29			300	MX CEMENT - 75 SYS SMD = 12,5 PPG
		_Ь	30			200	125 SKS EA2 @ 15,5 APG
	/366						WASH OUT PUMP - LINES
	/300						RELEASE TOP PEUG
\dashv	1305	7					
	300		0				DISPLACE PLUS (1ST TANK KCL WATER)
	1322	6	118.4			1	PENG DOWN
	<u> </u>		11017			1000	FLOG JOWA
$\neg \dagger$	1325					ΛV	RELEASE PSI - HELD
						<u> </u>	1100
							Wash Truck
	1400						JOB COMPLETE
	1						

WAWE, JEFF, JOHN

RECEIVED



REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

Total

INVOICE				Invoice	#	258886
====== Invoice	====== Date:		10/10/30,n/30			1

PALOMINO PETROLEUM, INC. 4924 SE 84TH STREET NEWTON KS 67114-8827)

Sublet Performed

918/338-0808

316/322-7022

ROCKING FARMS #1 39972 16-20-34 05-16-2013 KS

______ Description Qty Unit Price Part Number Total CLASS "A" CEMENT (SALE) 175.00 18.5500 1104S 3246.25

.9400 1102 CALCIUM CHLORIDE (50#) 494.00 464.36 PREMIUM GEL / BENTONITE 329.00 .2700 1118B 88.83

9996-130 CEMENT MATERIAL DISCOUNT -379.94 -203.38 9995-130 CEMENT EQUIPMENT DISCOUNT

Description

Description Hours Unit Price Total 1.00 CEMENT PUMP (SURFACE) 1150.00 463 1150.00 45.00 EQUIPMENT MILEAGE (ONE WAY) 5.25 236.25 463 647.55 TON MILEAGE DELIVERY 1.00 693 647.55

Amount Due 6148.59 if paid after 06/19/2013

620/839-5269

307/686-4914

918/225-2650

785/242-4044

		=======================================	=====				
Parts: 3	3799.44	Freight:	.00	Tax:	283.81	AR	5533.73
Labor:	.00	Misc:	.00	Total:	5533.73		
Sublt: -	-583.32	Supplies:	.00	Change:	.00		

Signed Date BARTLESVILLE, OK EL DORADO, KS EUREKA, KS 620/583-7664 PONCA CITY, OK OAKLEY, KS OTTAWA, KS THAYER, KS GILLETTE, WY CUSHING, OK

785/672-8822

580/762-2303



CUSTOMER#

258886

WELL NAME & NUMBER

LOCATION OF KIEV KS
FOREMAN Kelly Ga (ve)

RANGE

COUNT

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

SECTION

TOWNSHIP

CUSTOMER	19789 KOCK!	NO LOU	US TO	16	1200	340	Scott
DOSTONIER	Glowing Der		noon	TRUCK#	DRIVER	TRUCK#	
ALLING ADDR	Glowing Par		Cherokee Rd 115		COBY D	INUUN#	DRIVER
			Rd 115 TORA40 TW 5	693	Tim		
CITY	STATE	ZIP CODE	100 5	075			<u> </u>
			+E		Dan		-
OB TYPE S	17-69 CE HOLE SIZE	1274		229	CASING SIZE & V	VEIGHT \$7.5	1= 24th
						OTHER	
				<u></u>			
	a man day and a				RATE	OAOINO	
REMARKS: 5	aferx meeting	P. 1200	Pd D	nn 4/24/0		Ed 100	*^
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ACCOUNT	QUANITY or UNITS	DE	SCRIPTION of	SERVICES or PRO	ODUCT	UNIT PRICE	TOTAL
CODE							
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	/' /-					SALES TAX	2838
rin 3737						ESTIMATED	PP33
	1 2211					TOTAL	5533.7
JTHORIZTION	Leque Do	•	TITLE			DATE 5-16	- Carried

account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



Prepared For: Palomino Petroleum

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

Rocking R Farms #1

16-20s-34w Scott,KS

Start Date: 2013.05.20 @ 21:35:15

End Date: 2013.05.21 @ 04:31:45

Job Ticket #: 53353 DST #: 1

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum

16-20s-34w Scott, KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53353

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.05.20 @ 21:35:15

GENERAL INFORMATION:

Time Tool Opened: 23:59:30

Time Test Ended: 04:31:45

Formation:

Lansing

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Mike Roberts

65

KB to GR/CF:

Tester: Unit No:

4194.00 ft (KB) To 4292.00 ft (KB) (TVD)

Reference Elevations:

3100.00 ft (KB)

Interval: Total Depth:

4292.00 ft (KB) (TVD)

3095.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

5.00 ft

Serial #: 8846

Press@RunDepth:

Outside

652.76 psig @

4195.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.05.20

End Date:

2013.05.21

Last Calib.:

Start Time:

21:35:15

End Time:

04:31:45

Time On Btm:

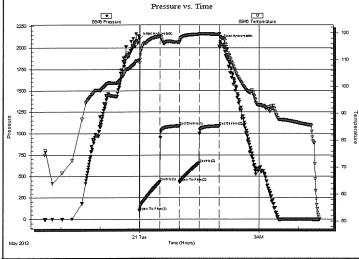
2013.05.21 2013.05.20 @ 23:59:15

Time Off Btm:

2013.05.21 @ 02:01:15

TEST COMMENT: IF:BOB in 4 min.

IS:No return blow FF:BOB in 4 min. FS:No return blow



PRESSURE SUMMARY

_				
Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2101.56	109.69	Initial Hydro-static
	1	98.36	108.73	Open To Flow (1)
	31	436.67	118.74	Shut-In(1)
	60	1087.75	116.49	End Shut-In(1)
č	61	430.16	116.62	Open To Flow (2)
Temperature	91	652.76	119.46	Shut-In(2)
ure e	121	1087.73	119.33	End Shut-In(2)
	122	2073.24	118.56	Final Hydro-static
				-

Recovery

Description	Volume (bbl)
mcw 40%m 60%w	4.96
w cm 20%w 80%m	4.35
w cm 5%w 95%m	4.35
m 100%m	4.35
	mcw 40%m 60%w w cm 20%w 80%m w cm 5%w 95%m

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 53353



Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

Rocking R Farms #1

Job Ticket: 53353

DST#: 1

Test Start: 2013.05.20 @ 21:35:15

GENERAL INFORMATION:

Time Tool Opened: 23:59:30

Time Test Ended: 04:31:45

Formation:

Lansing

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester: Unit No: Mike Roberts

Interval:

4194.00 ft (KB) To 4292.00 ft (KB) (TVD)

3100.00 ft (KB)

Total Depth:

4292.00 ft (KB) (TVD)

Reference Elevations:

65

3095.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8646 Press@RunDepth:

Inside

psig @

4195.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.05.20

End Date:

2013.05.21

Last Calib.:

04:31:30

Time On Btm:

2013.05.21

Start Time:

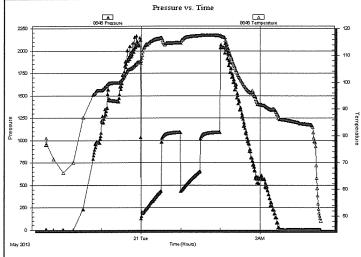
21:35:15

End Time:

Time Off Btm:

TEST COMMENT: IF:BOB in 4 min.

IS:No return blow FF:BOB in 4 min. FS:No return blow



PRESSURE SUMMARY

1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
1				
1				
at the				
-				
		I .		

Recovery

Length (ft)	Description	Volume (bbl)		
434.00	mcw 40%m 60%w	4.96		
310.00	w cm 20%w 80%m	4.35		
310.00	w cm 5%w 95%m	4.35		
310.00	m 100%m	4.35		

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 53353



TOOL DIAGRAM

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53353

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.05.20 @ 21:35:15

Tool Information

Drill Pipe:

Length: 4070.00 ft Diameter:

3.80 inches Volume:

57.09 bbl

Tool Weight:

1500.00 lb

Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 124.00 ft Diameter:

0.00 inches Volume: 2.25 inches Volume:

Total Volume:

0.00 bbl 0.61 bbl 57.70 bbl Weight set on Packer: 25000.00 lb Weight to Pull Loose: 80000.00 lb

Tool Chased

0.00 ft

Drill Pipe Above KB: Depth to Top Packer:

24.00 ft 4194.00 ft

ft

String Weight: Initial 58000.00 lb Final 63000.00 lb

Depth to Bottom Packer: Interval between Packers: 98.00 ft

122.00 ft

Diameter:

6.75 inches

Number of Packers: Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4171.00		
Shut in Tool	5.00			4176.00		
Hydraulic tool	5.00			4181.00		
Jars	5.00			4186.00		
Safety Joint	3.00			4189.00		
Packer	5.00			4194.00	24.00	Bottom Of Top Packer
Packer - Shale	0.00			4194.00		
Stubb	1.00			4195.00		
Recorder	0.00	8646	Inside	4195.00		
Recorder	0.00	8846	Outside	4195.00		
Perforations	3.00			4198.00		
Change Over Sub	1.00			4199.00		
Drill Pipe	62.00			4261.00		
Change Over Sub	1.00			4262.00		
Perforations	25.00			4287.00		
Bullnose	5.00			4292.00	98.00	Anchor Tool
Total Tool Length	. 122.00					

Total Tool Length:

122.00

Ref. No: 53353 Trilobite Testing, Inc Printed: 2013.05.29 @ 14:42:02



FLUID SUMMARY

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53353

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.05.20 @ 21:35:15

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type: Cushion Length: Oil API:

0 deg API

Mud Weight: Viscosity:

50.00 sec/qt

Cushion Volume:

ft bbl 20000 ppm

Water Loss: Resistivity:

6.35 in³ 0.00 ohm.m

Gas Cushion Type:

Gas Cushion Pressure:

psig

Salinity: Filter Cake: 6000.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	mcw 40%m 60%w	4.958
310.00	w cm 20%w 80%m	4.348
310.00	w cm 5%w 95%m	4.348
310.00	m 100%m	4.348

Total Length:

1364.00 ft

Total Volume:

18.002 bbl

0

Num Fluid Samples: 0

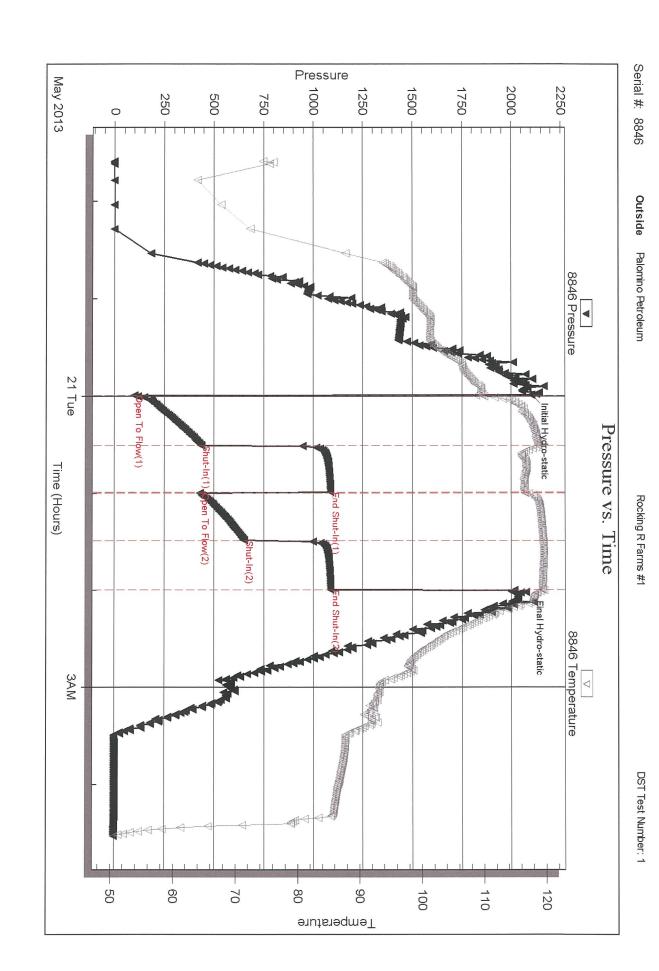
Num Gas Bombs:

Serial#:

Laboratory Name:

Laboratory Location: Recovery Comments: RW= .477@57.4=20,000 ppm

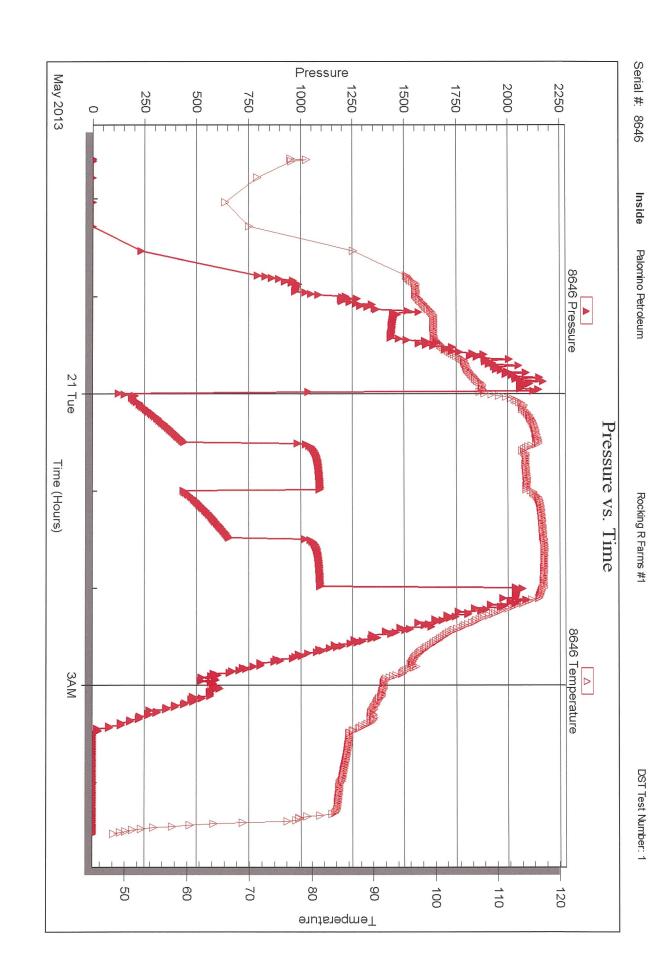
Ref. No: 53353 Trilobite Testing, Inc Printed: 2013.05.29 @ 14:42:03



Trilobite Testing, Inc

Ref. No:

53353



Trilobite Testing, Inc

Ref. No:

53353



Prepared For:

Palomino Petroleum

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

Rocking R Farms #1

16-20s-34w Scott,KS

Start Date: 2013.05.21 @ 18:11:15

End Data: 201

End Date:

2013.05.21 @ 23:37:15

Job Ticket #: 53254

DST#: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53254

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.05.21 @ 18:11:15

GENERAL INFORMATION:

Time Tool Opened: 19:59:15

Time Test Ended: 23:37:15

Formation:

K-L

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Unit No: Mike Roberts

65

3100.00 ft (KB)

Reference Elevations:

3095.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth:

Hole Diameter:

4310.00 ft (KB) To 4460.00 ft (KB) (TVD)

4460.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8846 Press@RunDepth: Outside

1008.06 psig @

4311.00 ft (KB)

2013.05.21

Capacity:

8000.00 psig

Start Date: Start Time: 2013.05.21 18:11:15 End Date: End Time:

23:37:15

Last Calib.:

Time Off Btm:

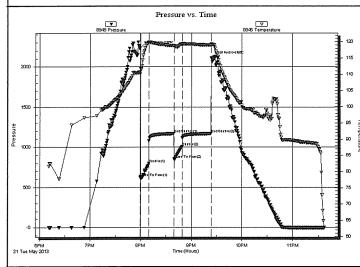
2013.05.21

Time On Btm:

2013.05.21 @ 19:59:00 2013.05.21 @ 21:24:00

TEST COMMENT: IF:BOB in 1 min.

IS:No return blow FF:BOB in 1 min. FS:No return blow



PRESSURE SUMMARY

1	Time	Pressure	Temp	Annotation					
	(Min.)	(psig)	(deg F)						
	0	2236.47	110.67	Initial Hydro-static					
	1	621.24	110.02	Open To Flow (1)					
	11	797.73	119.80	Shut-ln(1)					
	41	1167.13	118.81	End Shut-In(1)					
Ten	41	848.65	118.66	Open To Flow (2)					
Temperature	51	1008.06	119.33	Shut-ln(2)					
ure	85	1167.13	118.96	End Shut-In(2)					
	85	2107.72	119.22	Final Hydro-static					
			l						

Recovery

Description	Volume (bbl)
mcsw 5%m 95%sw	21.48
w cm 30%w 70%m	2.61
mud 100% m	1.74
	mcsw 5%m 95%sw w cm 30%w 70%m

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 53254



Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53254

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.05.21 @ 18:11:15

GENERAL INFORMATION:

Time Tool Opened: 19:59:15

Time Test Ended: 23:37:15

Formation:

Interval:

Total Depth: Hole Diameter: K-L

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

65

Reference Elevations:

3100.00 ft (KB)

3095.00 ft (CF)

4460.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8646

Inside Press@RunDepth:

psig @

4310.00 ft (KB) To 4460.00 ft (KB) (TVD)

4311.00 ft (KB)

2013.05.21

Capacity:

8000.00 psig

Start Date:

2013.05.21

End Date:

Last Calib.: Time On Btm: 2013.05.21

Start Time:

18:11:15

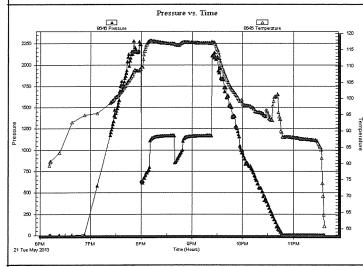
End Time:

23:37:00

Time Off Btm:

TEST COMMENT: IF:BOB in 1 min.

IS:No return blow FF:BOB in 1 min. FS:No return blow



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

Recovery

Length (ft)	Description	Volume (bbl)
1612.00	mcsw 5%m 95%sw	21.48
186.00	w cm 30%w 70%m	2.61
124.00	mud 100% m	1.74
* Recovery from mult	tiple tests	

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

Trilobite Testing, Inc

Ref. No: 53254



TOOL DIAGRAM

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53254

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.05.21 @ 18:11:15

Tool Information

Drill Pipe:

Length: 4179.00 ft Diameter:

3.80 inches Volume:

58.62 bbl

Tool Weight:

1500.00 lb

Heavy Wt. Pipe: Length: Drill Collar: Length:

0.00 ft Diameter: 124.00 ft Diameter:

Diameter:

0.00 inches Volume: 2.25 inches Volume:

0.00 bbl 0.61 bbl

Weight set on Packer: 25000.00 lb Weight to Pull Loose: 90000.00 lb

Drill Pipe Above KB:

17.00 ft

Total Volume: 59.23 bbl Tool Chased

0.00 ft

Depth to Top Packer:

4310.00 ft

String Weight: Initial 60000.00 lb

Final 68000.00 lb

Depth to Bottom Packer: Interval between Packers: 150.00 ft

174.00 ft

6.75 inches

Number of Packers:

Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4287.00		
Shut In Tool	5.00			4292.00		
Hydraulic tool	5.00			4297.00		
Jars	5.00			4302.00		
Safety Joint	3.00			4305.00		
Packer	5.00			4310.00	24.00	Bottom Of Top Packer
Packer - Shale	0.00			4310.00		
Stubb	1.00			4311.00		
Recorder	0.00	8646	Inside	4311.00		
Recorder	0.00	8846	Outside	4311.00		
Perforations	2.00			4313.00		
Change Over Sub	1.00			4314.00		
Drill Pipe	125.00			4439.00		
Change Over Sub	1.00			4440.00		
Perforations	15.00			4455.00		
Bullnose	5.00			4460.00	150.00	Anchor Tool
Total Tool Length:	174.00					

Trilobite Testing, Inc

Ref. No: 53254



FLUID SUMMARY

0 deg API

22000 ppm

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53254

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.05.21 @ 18:11:15

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity: 57.00 sec/qt

Water Loss:

8.73 in³ Resistivity: 0.00 ohm.m

Salinity: Filter Cake: 6600.00 ppm 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbl

ft

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1612.00	mcsw 5%m 95%sw	21.483
186.00	w cm 30%w 70%m	2.609
124.00	mud 100% m	1.739

Total Length:

1922.00 ft

Total Volume:

25.831 bbl

Num Fluid Samples: 0

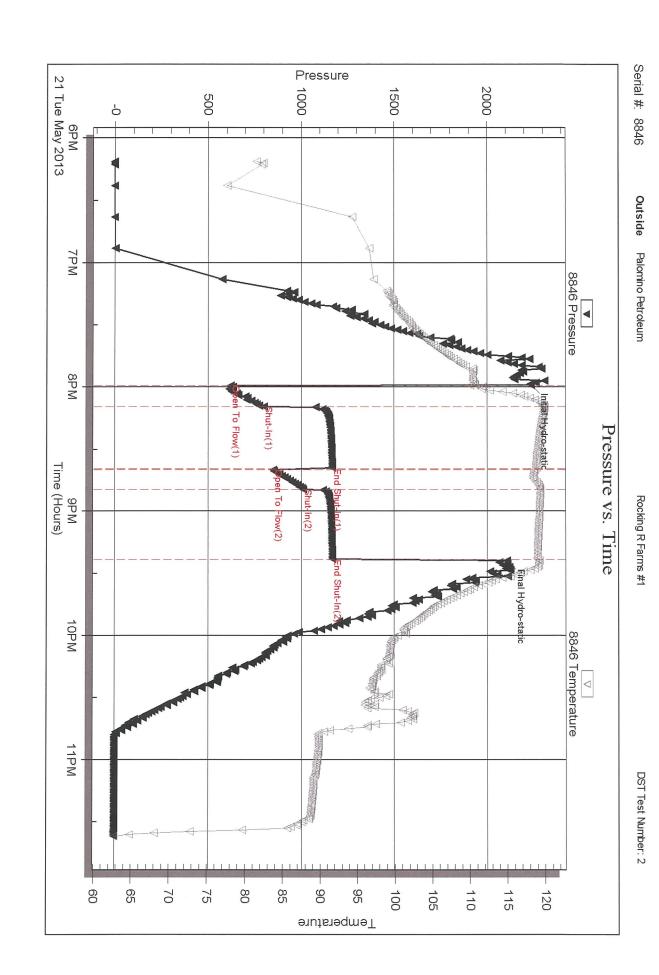
Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.491@59.2=22,000 ppm

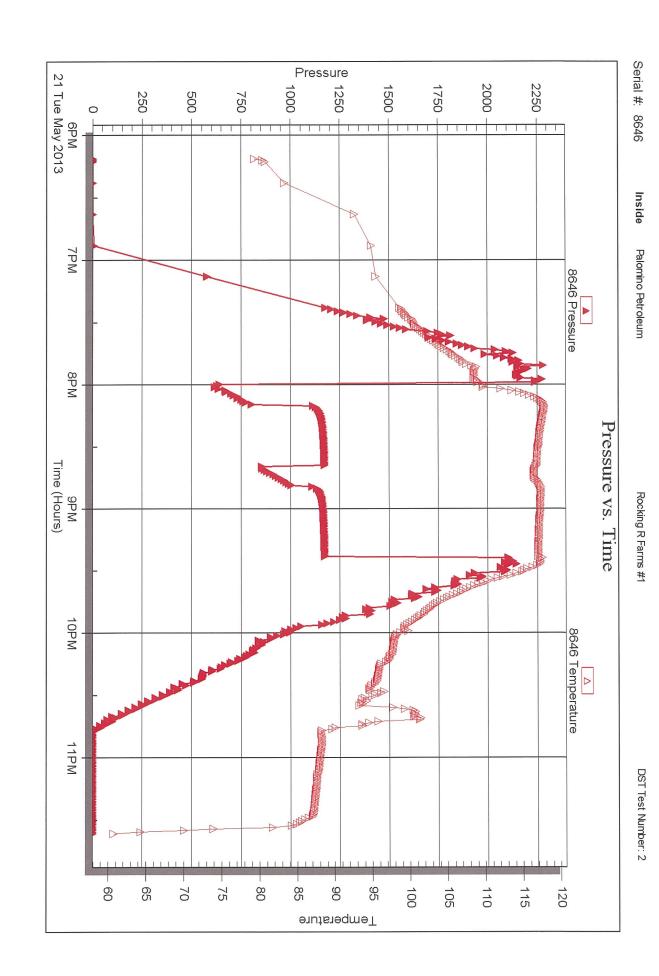
Trilobite Testing, Inc Ref. No: 53254 Printed: 2013.05.29 @ 14:41:13



Trilobite Testing, Inc

Ref. No:

53254



Trilobite Testing, Inc

Ref. No:

53254



Prepared For:

Palomino Petroleum

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

Rocking R Farms #1

16-20s-34w Scott,KS

Start Date: 2

2013.05.22 @ 11:30:15

End Date:

2013.05.22 @ 20:52:15

Job Ticket #: 53255

DST#: 3

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

Rocking R Farms #1

Job Ticket: 53255

DST#: 3

Test Start: 2013.05.22 @ 11:30:15

GENERAL INFORMATION:

Time Tool Opened: 13:24:00

Time Test Ended: 20:52:15

Formation:

Marmaton

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

65

Unit No:

Reference Elevations:

3100.00 ft (KB)

3095.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth: Hole Diameter: 4494.00 ft (KB) To 4560.00 ft (KB) (TVD) 4560.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8846 Outside

595.65 psig @

4495.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.05.22

End Date:

2013.05.22

Last Calib.:

Start Time:

11:30:15

End Time:

20:52:15

Time On Btm:

2013.05.22 2013.05.22 @ 13:23:45

Time Off Btm:

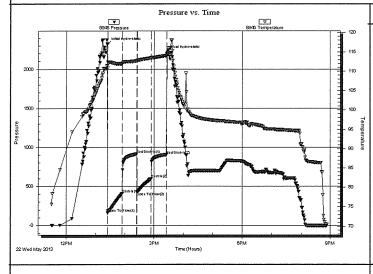
2013.05.22 @ 15:26:45

TEST COMMENT: IF:BOB in 1 min

Press@RunDepth:

IS:BOB in 4 min FF:BOB in 1 min

FS:BOB in 4 min GTS in 25 min



PRESSURE SUMMARY Proceura Toma Annotation

ime	Pressure	remp	Annotation
(Min.)	(psig)	(deg F)	
0	2319.34	111.40	Initial Hydro-static
1	157.68	110.78	Open To Flow (1)
31	407.23	111.91	Shut-ln(1)
60	913.60	112.67	End Shut-In(1)
61	424.99	112.68	Open To Flow (2)
90	595.65	113.42	Shut-ln(2)
122	904.14	114.03	End Shut-In(2)
123	2213.77	114.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)			
124.00	mcgo 10%m 20%g 70%o	0.61			
62.00	gcmo 20%g 20%m 60%o	0.87			
1532.00	reversed out-unknown recovery-	21.49			
0.00	no valid samples no vac truck recovery	0.00			
300.00	gco 20%g 80%o	4.21			
0.00	GTS	0.00			
* Recovery from multiple tests					

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 53255



Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

Rocking R Farms #1

Job Ticket: 53255

DST#: 3

Test Start: 2013.05.22 @ 11:30:15

GENERAL INFORMATION:

Time Tool Opened: 13:24:00

Time Test Ended: 20:52:15

Formation:

Marmaton

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Mike Roberts

Tester: Unit No:

Reference Elevations:

3100.00 ft (KB) 3095.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval:

4494.00 ft (KB) To 4560.00 ft (KB) (TVD)

Total Depth: 4560.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8646

Hole Diameter:

Press@RunDepth:

psig @

4495.00 ft (KB)

2013.05.22

Capacity:

8000.00 psig

Start Date:

2013.05.22

Inside

End Date:

Last Calib .:

Start Time:

11:30:15

End Time:

20:52:30

Time On Btm:

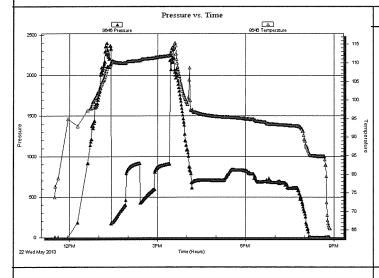
2013.05.22

Time Off Btm:

TEST COMMENT: IF:BOB in 1 min

IS:BOB in 4 min FF:BOB in 1 min

FS:BOB in 4 min GTS in 25 min



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

PRESSURE SUMMARY

Recovery

ncgo 10%m 20%g 70%o	0.61
cmo 20%g 20%m 60%o	0.87
eversed out-unknown recovery-	21.49
o valid samples no vac truck recovery	0.00
co 20%g 80%o	4.21
ets	0.00
2	oversed out-unknown recovery- ovalid samples no vac truck recovery co 20%g 80%o

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

Trilobite Testing, Inc

Ref. No: 53255



TOOL DIAGRAM

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.05.22 @ 11:30:15

Tool Information

Drill Pipe:

Length: 4358.00 ft Diameter: 0.00 ft Diameter:

3.80 inches Volume: 61.13 bbl

Tool Weight:

Job Ticket: 53255

1500.00 lb

Heavy Wt. Pipe: Length: Drill Collar: Length:

124.00 ft Diameter:

0.00 inches Volume: 2.25 inches Volume:

0.00 bbl 0.61 bbl Weight set on Packer: 25000.00 lb Weight to Pull Loose: 90000.00 lb

Final 68000.00 lb

Drill Pipe Above KB:

12.00 ft

Total Volume: 61.74 bbl Tool Chased

0.00 ft

Depth to Top Packer:

4494.00 ft

String Weight: Initial 60000.00 lb

Depth to Bottom Packer:

ft

Interval between Packers: 66.00 ft

Tool Length: Number of Packers:

90.00 ft 2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4471.00		
Shut In Tool	5.00			4476.00		
Hydraulic tool	5.00			4481.00		
Jars	5.00			4486.00		
Safety Joint	3.00			4489.00		
Packer	5.00			4494.00	24.00	Bottom Of Top Packer
Packer - Shale	0.00			4494.00		
Stubb	1.00			4495.00		
Recorder	0.00	8646	Inside	4495.00		
Recorder	0.00	8846	Outside	4495.00		
Perforations	2.00			4497.00		
Change Over Sub	1.00			4498.00		
Drill Pipe	31.00			4529.00		
Perforations	25.00			4554.00		
Change Over Sub	1.00			4555.00		
Bulinose	5.00			4560.00	66.00	Anchor Tool
Total Tool Length	: 90.00					

Trilobite Testing, Inc

Ref. No: 53255



FLUID SUMMARY

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53255

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.05.22 @ 11:30:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

Water Salinity:

30 deg API

Mud Weight:

9.00 lb/gal

Cushion Length: Cushion Volume: ft bbl 0 ppm

Viscosity:

50.00 sec/qt 9.53 in³

Gas Cushion Type:

Water Loss: Resistivity:

0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: Filter Cake: 7500.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mcgo 10%m 20%g 70%o	0.610
62.00	gcmo 20%g 20%m 60%o	0.870
1532.00	reversed out-unknown recovery-	21.490
0.00	no valid samples no vac truck recovery	0.000
300.00	gco 20%g 80%o	4.208
0.00	GTS	0.000

Total Length:

2018.00 ft

Total Volume:

27.178 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Serial #:

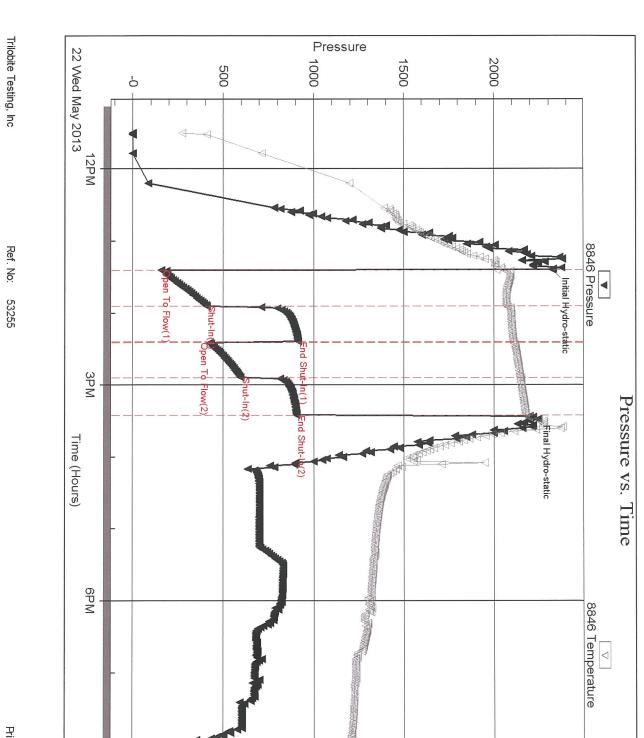
Laboratory Name:

Laboratory Location:

Recovery Comments: RW= 32@ 80 corrected to 30 @ 60

Trilobite Testing, Inc

Ref. No: 53255



Serial #: 8846

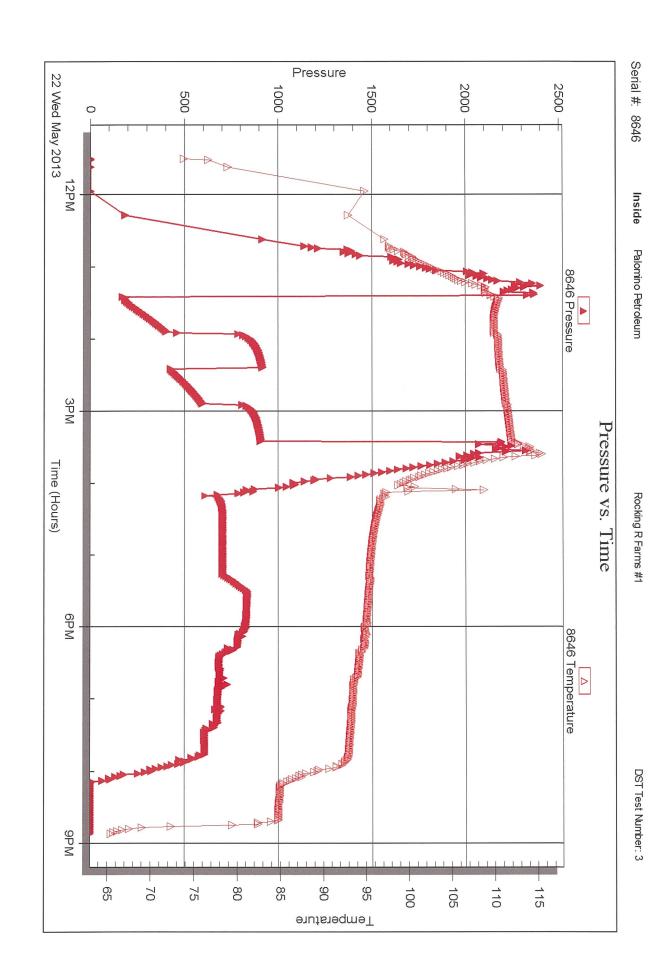
Outside Palomino Petroleum

Rocking R Farms #1

DST Test Number: 3

9PM

Temperature



Trilobite Testing, Inc

Ref. No:

53255



Prepared For:

Palomino Petroleum

4924 SE 84th St. Newton KS 67114

ATTN: Ryan Seib

Rocking R Farms #1

16-20s-34w Scott,KS

Start Date:

2013.05.23 @ 08:35:15

End Date:

2013.05.23 @ 14:56:45

Job Ticket #: 53256

DST#: 4

Trilobite Testing, Inc PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620



Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1 Job Ticket: 53256

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.05.23 @ 08:35:15

GENERAL INFORMATION:

Time Tool Opened: 10:44:30

Time Test Ended: 14:56:45

Formation:

Pawnee Ft. Scott

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

65

Reference Elevations:

3100.00 ft (KB)

KB to GR/CF:

3095.00 ft (CF) 5.00 ft

Interval: Total Depth:

Hole Diameter:

4571.00 ft (KB) To 4630.00 ft (KB) (TVD)

4630.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8846 Press@RunDepth: Inside

119.62 psig @

4572.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.05.23

End Date:

2013.05.23

Last Calib.:

2013.05.23

Start Time:

08:35:15

End Time:

14:56:45

Time On Btm:

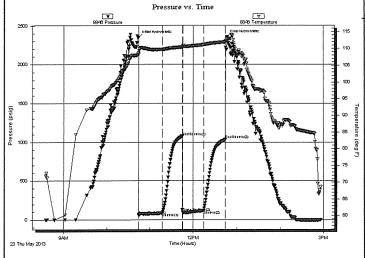
2013.05.23 @ 10:44:15

Time Off Btm:

2013.05.23 @ 12:46:30

TEST COMMENT: IF:BOB in 7 min.

IS:Return blow built to 4" FF:BOB in 3 min. FS:BOB in 11 min.



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2349.64	108.70	Initial Hydro-static
1	62.71	108.22	Open To Flow (1)
34	88.59	109.72	Shut-ln(1)
61	1075.44	110.43	End Shut-In(1)
62	100.21	110.83	Open To Flow (2)
90	119.62	111.12	Shut-ln(2)
121	1033.03	111.98	End Shut-In(2)
123	2356.36	112.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocgm 5%o 10%g 85%m	0.61
62.00	ocgm 10%o 30%g 60%m	0.87
92.00	gco 50% g 50%o	1.29
0.00	GIP=2014	0.00
* Recovery from n	nultiple tests	•

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 53256



Palomino Petroleum

16-20s-34w Scott, KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53256

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.05.23 @ 08:35:15

GENERAL INFORMATION:

Time Tool Opened: 10:44:30

Time Test Ended: 14:56:45

Formation:

Pawnee Ft. Scott

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Mike Roberts

Unit No:

Interval:

4571.00 ft (KB) To 4630.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Total Depth: Hole Diameter: 4630.00 ft (KB) (TVD)

Reference Elevations:

3100.00 ft (KB)

KB to GR/CF:

3095.00 ft (CF) 5.00 ft

Serial #: 8737 Press@RunDepth:

Outside

psig @

4572.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.05.23

End Date:

2013.05.23

Last Calib.:

Start Time:

08:35:15

End Time:

14:56:45

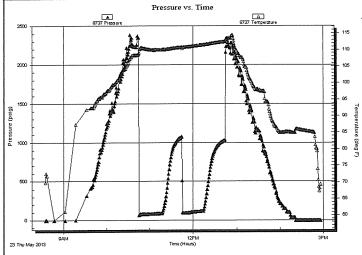
Time On Btm:

2013.05.23

Time Off Btm:

TEST COMMENT: IF:BOB in 7 min.

IS:Return blow built to 4" FF:BOB in 3 min. FS:BOB in 11 min.



PRESSURE SUMMARY

	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	
Tem					
Temperature (deg F)					
Ð					

Recovery

Length (ft)	Description	Volume (bbl)
124.00	ocgm 5%o 10%g 85%m	0.61
62.00	ocgm 10%o 30%g 60%m	0.87
92.00	gco 50% g 50%o	1.29
0.00	GIP=2014	0.00
* Recovery from r	nultiple tests	

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 53256



TOOL DIAGRAM

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1 Job Ticket: 53256

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.05.23 @ 08:35:15

Tool Information

Drill Pipe:

Length: 4428.00 ft Diameter: 0.00 ft Diameter:

Diameter:

3.80 inches Volume: 0.00 inches Volume:

62.11 bbl 0.00 bbl Tool Weight:

1500.00 lb

Heavy Wt. Pipe: Length: Drill Collar: Length: 124.00 ft Diameter:

2.25 inches Volume: 0.61 bbl Total Volume: 62.72 bbl Weight set on Packer: 25000.00 lb Weight to Pull Loose: 90000.00 lb

Drill Pipe Above KB:

5.00 ft 4571.00 ft Tool Chased

0.00 ft

Depth to Top Packer: Depth to Bottom Packer:

String Weight: Initial 60000.00 lb Final 61000.00 lb

Interval between Packers: 59.00 ft

Number of Packers:

83.00 ft

6.75 inches

Tool Comments:

Tool Length:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4548.00		
Shut In Tool	5.00			4553.00		
Hydraulic tool	5.00			4558.00		
Jars	5.00			4563.00		
Safety Joint	3.00			4566.00		
Packer	5.00			4571.00	24.00	Bottom Of Top Packer
Packer - Shale	0.00			4571.00		
Stubb	1.00			4572.00		
Recorder	0.00	8846	Inside	4572.00		
Recorder	0.00	8737	Outside	4572.00		
Perforations	2.00			4574.00		
Change Over Sub	1.00			4575.00		
Drill Pipe	32.00			4607.00		
Change Over Sub	1.00			4608.00		
Perforations	17.00			4625.00		
Bullnose	5.00			4630.00	59.00	Anchor Tool
Total Tool Length	: 83.00					

Trilobite Testing, Inc

Ref. No: 53256



FLUID SUMMARY

32 deg API

0 ppm

Palomino Petroleum

16-20s-34w Scott,KS

4924 SE 84th St. Newton KS 67114 Rocking R Farms #1

Job Ticket: 53256

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.05.23 @ 08:35:15

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

Viscosity: Water Loss: 50.00 sec/qt 9.56 in³ 0.00 ohm.m

Resistivity: Salinity: Filter Cake:

7500.00 ppm 1.00 inches Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	ocgm 5%o 10%g 85%m	0.610
62.00	ocgm 10%o 30%g 60%m	0.870
92.00	gco 50% g 50%o	1.291
0.00	GIP=2014	0.000

Total Length:

278.00 ft

Total Volume:

2.771 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

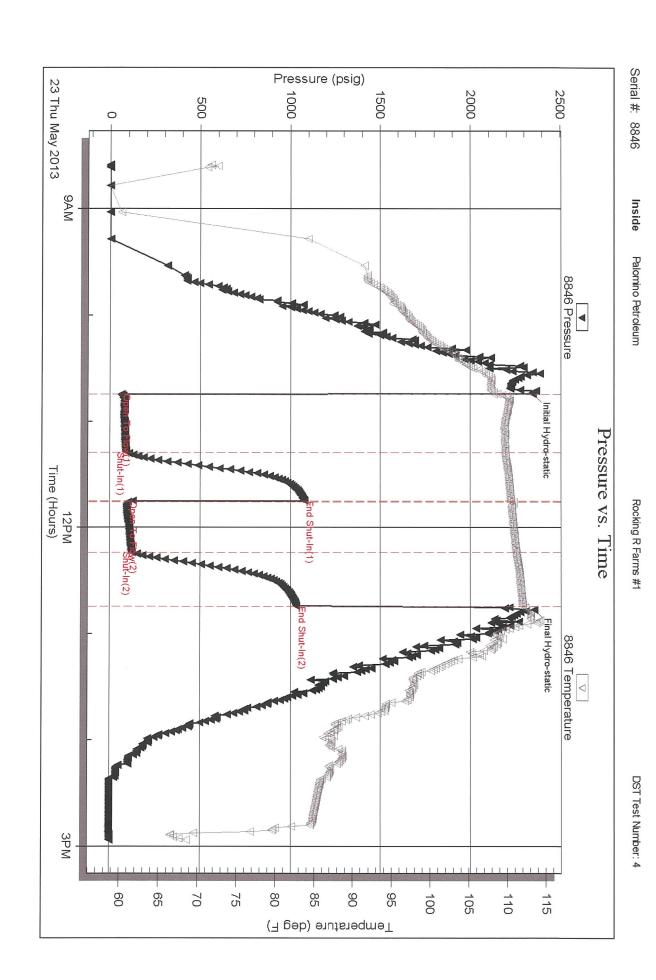
Serial #:

Laboratory Name:

Laboratory Location: Recovery Comments: RW= 33 @70 corrected to 32 @ 60

Trilobite Testing, Inc

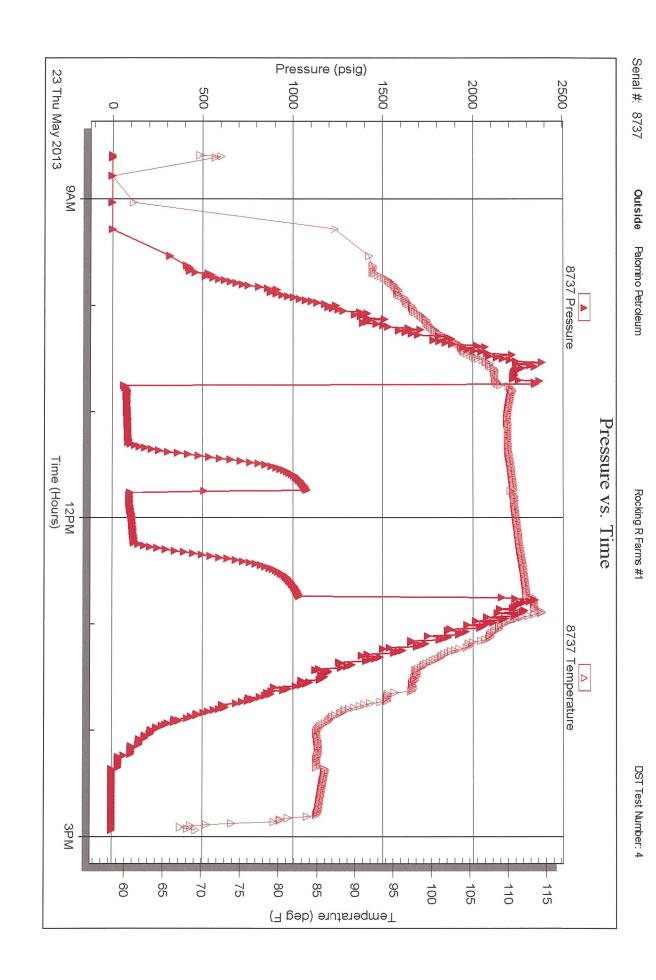
Ref. No: 53256



Trilobite Testing, Inc

Ref. No:

53256



Trilobite Testing, Inc

Ref. No:

53256



RILOBITE 785-650-5723 [ESTING INC.] 1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

No. 53253

Well Name & No. Para Rocking	R Farms / Test No. /	Date 5-20-13
Company Palomino Petrolewa		
Address 4924 5E 84 5+ N		
Co. Rep/Geo. Ryan Seib	Rig NUUC)
Location: Sec. 16 Twp. 205	Rge. 34 w Co. Scort	State KS
Interval Tested 4194 - 4292	Zone Tested Lansing	
Anchor Length 98	Drill Pipe Run 4078	Mud Wt. 9.0
Top Packer Depth 4190	Drill Collars Run 124	vis 50
Bottom Packer Depth 4194	Wt. Pipe Run	WL 69
Total Depth 4292	Chlorides LOCO ppm S	system LCM
Blow Description IF. BOB IN	4 Min	
15! No Kewin	Blow	
FF. BOB IN	4 Min	
	in Blow	10.5
Rec 310 Feet of M	%gas	%oil %water /00 %mud
Rec 310 Feet of WCM	%gas	%oil 5 %water 95 %mud
Rec 4/34 Feet of MCW	%gas	%oil QO %water SO %mud
	%gas	%oil 60 %water 90 %mud
Rec Feet of Rec Total /364 BHT /+8	%gas Gravity API RW _977 @	%oil %water %mud
Rec Total / 269 BHT / 170 (A) Initial Hydrostatic 2/01	OF Test 1250	T-On Location 20:15
(B) First Initial Flow 98	U Jars 250	T-Started 2/:35
(C) First Final Flow 436	Safety Joint 75	T-Open /2:00
(D) Initial Shut-In	Circ Sub	T-Pulled OZLOO
(E) Second Initial Flow 430	☐ Hourly Standby	T-Out 04:31
(F) Second Final Flow 652	Mileage 44 RT 68,29	Comments
(G) Final Shut-In 1087	☐ Sampler	
(H) Final Hydrostatic 2073	Cl Straddle	Duined Chala Dealer
	Shale Packer 250	Ruined Shale Packer
Initial Open 30	☐ Extra Packer	□ Ruined Packer
Initial Shut-In 3 D	☐ Extra Recorder	Sub Total0
Final Flow 30	☐ Day Standby	Total 1893.20
Final Shut-In 30	CI Accessibility	MP/DST Disc't
	Sub Total 1893.20	1121
Approved By A Sul	, Our Representative	The fill
Inlobite Testing Ind. shalf not be liable for damaged of any kind of the property o equipment, or its statements or opinion concerning the results of any test, tools i	r personnel of the one for whom a test is made, or for any loss suf lost or damaged in the hole shall be paid for at cost by the party fo	lifeed or sustained, directly or indirectly, through the use of its r whom the test is made.



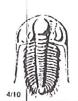
RILOBITE ESTING INC.

Test Ticket

No. 53254

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No. Rocking R Far	ms 1	Test No. (+)	Date 5-21-/3
Company Palomino Petrole	um	Elevation_3100	кв <u>3095</u> gl
Address 4924 SE 844 57	Newton KS	67114	
Co. Rep/Geo. Ryarl Seib		Rig WW2	
Location: Sec. 16 Twp. 20 S	Rge.34W	co. 5coTT	State <u>KS</u>
Interval Tested 43/0 -4440		4	
Anchor Length 150	Drill Pipe Run 4	179	Mud Wt. 9.2
Top Packer Depth 4304	Drill Collars Run	124	Vis 57
Bottom Packer Depth 4310	Wt. Pipe Run		WI. <u>8,8</u>
Total Depth 4460	Chlorides le le	DD ppm System	LCM <u>.3</u>
Blow Description IF: BOB IN /	MiN		
75: No Return	Blow		
FF, BOB iN	Min		
FS: No Return	n Blow		
Rec. 124 Feet of 11100	A CONTRACTOR OF THE STATE OF TH	%gas %o	1 %water 100 %mud
Rec 186 Feet of WCM		%gas %o	30 %water 70 %mud
Rec / 6/2 Feet of 500 14 177	10500	%gas %o	%water 5 %mud
Rec Feet of		%gas %oi	l %water %mud
RecFeet of		%gas %oi	
Rec Total 1922 BHT 120	Gravity	PLRW 1491 @ 59.9	F Chlorides 22,000 ppm
(A) Initial Hydrostatic 2.2 3 C	Test 1250	T-O	Location 17:00
(B) First Init al Flow 42 /	Jars 250	A CONTRACTOR OF THE PARTY OF TH	arted
(C) First Final Flow 797	Safety Joint 75		nen 20.00
(D) Initial Shut-In //67	Circ Sub	100	illed 21120
(E) Second Initial Flow 898	☐ Hourly Standby		u <u>23:37</u>
(F) Second Final Flow 1008	Mileage 44 RT	68.25/- Con	nments
(G) Final Shut-In // 6	C) 0 1		
(H) Final Hydrostatic 2/07	CI Straddle		Ruined Shale Packer
	Shale Packer 25	•	Ruined Packer
Initial Open / O	☐ Extra Packer		Extra Copies
Initial Shut-In 30	☐ Extra Recorder		Total 0
Final Flow	Day Standby		
Final Shut-In	-		/DST Disc't
	Sub Total 1893.20	1	1 11
Approved By		Representative	le pobut
Tritobite Testing Inc. shall not be liable for damaged of any kind of the property or equipment, or its statements or opinion concerning the results of any test, tools to	personnel of the one for whom a te ost or damaged in the hele shall be p	st is made, or for any loss suffered or s paid for at cost by the party for whom th	ustained, directly or indirectly, through the use of its ne test is made.



RILOBITE ESTING INC.

Test Ticket

No. 53255

1515 Commerce Parkway • Hays, Kansas 67601

Well Name & No.	ocking R. Form	<u>5</u> Test No. <u>3</u>	Date <u>5-22-13</u>
	NO Petroleu) — KB 3095 — GL
		= 84th St. Wewfor 15	
Co. Rep / Geo. Ryas		Rig WW 2	
		Rge. 34 w Co. 5co77	State /<5
Interval Tésted 4494	- 4560	Zone Tested Marmaton	
Anchor Length 64		Drill Pipe Run 4358	Mud Wt. 9. 3
Top Packer Depth 4490	0	Drill Collars Run 124	Vis
Bottom Packer Depth 44		Wt. Pipe Run	w. 9,6
Total Depth 45		Chlorides 7500 ppm Sy	stem LCM 2
Blow Description	=: 80B IN /	Min	
IS	1 BOB; N 4	Min	
FF	: BOB IN 1	Mis	
FS	: BOB IN 4	MIN GITS IN D:	5 Min
Rec O Feel	101G1P 2542	100 %gas \$	%oil %water %mud
Rec 42 Feet	101 geno	20 %gas 20	2%oil %water 60 %mud
Rec 1832 Feet	101900	D %gas BC	Owoil "water wmud
Rec 124 Feet	no mago	20 🤲 %gas 70	%oil %water 10 %mud
1 1	t of	%gas	%oil %water %mud
Rec Total 201	8 внт _114 с	Gravity 30 APLRW@	°F Chlorides ppm
(A) Initial Hydrostatic	2319	Test 1250	T-On Location 09:45
(B) First Initial Flow	/5/	Jars 250	T-Started/
(C) First Final Flow		Safety Joint 75	T-Open /3:25
(D) Initial Shut-In	9/3	Grosub Dropped BAR 5	T-Pulled 15:25
(E) Second Initial Flow	21/1/1	Hourly Standby	1.0ut 00.3 C
(F) Second Final Flow	595	Mileage 4/4 127 68.20	Comments Wait on
(G) Final Shut-In	9011	🗀 Sampler	Truck 2 Hes-
(H) Final Hydrostatic	10.2	☐ Straddle	☐ Ruined Shale Packer
		Shale Packer 250	☐ Ruined Packer
Initial Open 32	0	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 3 (0	☐ Extra Recorder	Sub Total 0
· mai · ion		☐ Day Standby	Total1943.20
Final Shut-In 3	D	□ Accessibility	MP/DST Disc't
	Ω	Sub Total1943.20	1101/
Approved By	8	Our Representative	The Koht
Inlobite Testing Ind. shall not be liable for equipment, or its statements or opinion of	or damaged of any kind of the property or pi concerning the results of any test, tools lost	ersonnel of the one for whom a test is made, or for any foss suffe t or damaged in the hole shall be paid for at cost by the party for i	red or sustained, directly or indirectly, through the use of its whom the test is made



RILOBITE 2846 [ESTING INC. 1515 Commerce Parks

1515 Commerce Parkway - Hays, Kansas 67601

Test Ticket

No. 53256

		<u> </u>							
Well Name &	No. F	ocking R Fa	<u>ms 1</u>	Test No.	/	Date <u>5-33</u>	-13		
1 1	\sim	nino Petroli					1		
		SE 844 SI			man e managaman de militar de la composició	a was a second of the second o			
1	~	ru Seib		Rig WV	V2				
		2 Twp. 205	Rge. 3420	co. <u>5co.</u>		State <u>K</u>	5		
Interval Tested	45	71-4430	Zone Tested	Panner-Ft					
Anchor Length_	59		Drill Pipe Run	4428		Mud Wt. 9,3	MANAGEMENT AND		
Top Packer Dep	1145 C	, 7	Drill Collars R	un 124	nanovalus nes resse suo rescontror recresso de	Vis			
Bottom Packer	Dopth 4	571	Wt. Pipe Run	<u> L</u>	militaria - yanii kir dhahayaa kadaalay ah ah ahayaa kiriba is	WL 9.4			
Total Depth		630		500 p		LCM_2	**************************************		
Blow Descriptio		CF: BOB in	7 M:D				encendronae eden ede or anno colos en anosce e colos solos solos e		
		=5: Return Blo	U Built	10 411	and a second control of the control				
	f	FF:BOB in	3 Min		agge words agger stage algorished transfer to the species of	and the second of the second o			
		FS: BOB IN	11 Min	or a general deliberación reliciosa, els incomentantes en viscati no que la montaca de selectronista en la contra	riisaan valasisa kannin vasiin himassoisiandi variin homen soosiassoona		adda 84 fin no na na airig ann gairge		
Rec	6 F	eet of G1P = 20	14	/00 %gas	%oil	%water	%mud		
Rec &	5 92 F	eet of GCO	амы такжа такжаруы такжа такжа жана аламында ургануун такуу амуусунун такуу такжа такжа тууга такжа такжа такж	50 %gas	50 ‰il	%water	%mud		
Rec <u>6</u>	<u>2</u> r	eet of OCg. m		€ %gas	/() %oil	%water	60 %mud		
Rec 12	4 -	eet of ocg.m	de 175 de rédetion des combits y anomages according to the company according to	/O %gas	5 %oil	%water	8 5 ⁻ %mud		
Rec	1	eet of		%gas	%oil	%water	%mud		
Rec Total	278	BHT 1/2	Gravity 32	APLRW	@	Chlorides	ppm		
(A) Initial Hydros	static	2349	G Test 1250			ocation 06:49			
(B) First Initial F	low	62	1 Jars 250			ed 0 8 : 35			
(C) First Final Fl	ow	88	Safety Joint_	75		10:45			
(D) Initial Shut-Ir	n	1075	Circ Sub	NC		1 12:45			
(E) Second Initia	al Flow	100	☐ Hourly Standb)у		14:56			
(F) Second Fina	I Flow	119	Mileage 40	/ RT 68.20	Comme	ents			
(G) Final Shut-In	١	1033	☐ Sampler	ga a na mara ana ana ana ana ana ana ana ana ana		demonstrative commence of the contract of the			
(H) Final Hydros	tatic	2356	☐ Straddle		- U Rui	ned Shale Packer			
		<i>—</i>		250		ned Packer			
nitial Open		30		The state of the complete point of the compl		ra Copies	THE PROPERTY AND ADMINISTRATION OF THE PARTY AND ADMINISTRATIO		
nitial Shut-n		30				al0	TO PRODUCE OF MANAGEMENT AND AND		
Final Flow		30	☐ Day Standby		Total				
Final Shut-In		30		Carried Control of the Control of th		ST Disc't			
			Sub Total 1893	.20	· 1	\cap 1	/		
Approved By	10	}		Our Representative_	77/1/2	e Kolit			
	t l.								

Triobite Testing Inc. scall 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 op pion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



Test Ticket

NO.

50750

4												-
Well Name & No.	Rocking	R Fa	ms		/		Test No.	•			24/13	>
Company Palo	mino	Petrole	um, Fr	1			Elevation			KB		GL.
Address 49	24 51	E841										
Co. Rep / Geo.	yair	Seib										
Location: Sec				_ Rge	34	W	Co5	011		State _	K5	
Interval Tested				_	Zone Teste	d						
Anchor Length										Mud Wt.		
Top Packer Depth				_						Vis		
Bottom Packer Depth										WL		
Total Depth												
Blow Description _												
Rec	Feet of _						%gas		%oil	%water	%n	nud
Rec							%gas		%oil	%water	%n	nud
Rec							%gas		%oil	%water	%n	nud
Rec	Feet of						%gas		%oil	%water	%n	านฮ
Rec	Feet of		~~				%gas		%oil	%water	%n	านป
Rec Total								@	°F	Chlorides	p	pm
(A) Initial Hydrostatic_					Test					ocation 13/		
(B) First Initial Flow_									T-Starte	ed	301	-
(C) First Final Flow									T-Open			
(D) Initial Shut-In									T-Pulled	d		
(E) Second Initial Flow					Hourly Stand					4 , ,		- drift-odes
(F) Second Final Flow					Mileage	44	IRT	68.20	Comme	ents Jondock	Todly	3
(G) Final Shut-In												
(H) Final Hydrostatic					☐ Straddle				☐ Ruined Shale Packer			
nitial Open				☐ Extra Packer					Ruined Packer			
nitial Shut-In				☐ Extra Recorder					Sub Total0			
Final Flow				☐ Day Standby					Total 68.20			
final Shut-In				☐ Accessibility				MP/DST Disc't				
									WII 700	T DISCU		
Approved By							oprocontativa					