

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1194784

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #			API No. 15			
Name:			Spot Description:			
Address 1:						
Address 2:			Feet from North / South Line of Section			
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section	
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:	
Phone: ()			□ NE □ NW	V □SE □SW		
CONTRACTOR: License #			GPS Location: Lat:	, Long: _		
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)	
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84		
Purchaser:			County:			
Designate Type of Completion:			Lease Name:	W	/ell #:	
	e-Entry	Workover	Field Name:			
	_		Producing Formation:			
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground: Kelly Bushing:			
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:	
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet			
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing Collar Used? Yes No			
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet	
Operator:			If Alternate II completion, c	cement circulated from:		
Well Name:			feet depth to:	w/	sx cmt.	
Original Comp. Date:						
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan		
☐ Plug Back	Conv. to G		(Data must be collected from the			
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls	
Dual Completion			Dewatering method used: _			
SWD			Location of fluid disposal if	hauled offsite		
☐ ENHR			1			
GSW	Permit #:		Operator Name:			
_ _			Lease Name:	License #:_		
Spud Date or Date R	eached 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 Two



Operator Name:				Lease N	Name: _			_ Well #:		
Sec Twp	S. R	East	West	County	:					
	ow important tops of fo ing and shut-in pressu o surface test, along wi	res, whe	ther shut-in pre	ssure reacl	hed stati	c level, hydrosta	tic pressures, bo			
Final Radioactivity Logilles must be submitted						gs must be ema	iled to kcc-well-lo	ogs@kcc.ks.go	v. Digital	electronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No			3	on (Top), Depth a			Sample
Samples Sent to Geol	ogical Survey	Ye	es 🗌 No		Nam	9		Тор	L	Datum
Cores Taken Electric Log Run		☐ Y€								
List All E. Logs Run:										
			CASING	RECORD	│ Ne	w Used				
		Repo				rmediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		e Casing : (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
									<u> </u>	
Purpose	Depth					EEZE RECORD				
Purpose: Perforate	Top Bottom	Туре	pe of Cement # Sacks Used			Type and Percent Additives				
Protect Casing Plug Back TD										
Plug Off Zone										
Did you perform a hydrau	ilic fracturing treatment or	n this well?	·			Yes	No (If No, sk	ip questions 2 ar	nd 3)	
	otal base fluid of the hydra		•		•			ip question 3)		
Was the hydraulic fractur	ing treatment information	submitted	to the chemical of	disclosure reg	gistry?	Yes	No (If No, file	out Page Three	of the ACC)-1)
Shots Per Foot			ID - Bridge Plug Each Interval Perl				cture, Shot, Cemen		b	Depth
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	R.	Producing Meth Flowing	nod:	g 🗌	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil Bl	bls.	Gas	Mcf	Wate	er Bl	ols.	Gas-Oil Ratio		Gravity
DIODOGITI	ON OF CAC			ACTUOD OF	COMPLE	TION		DDODUGT		
Vented Sold	ON OF GAS: Used on Lease		N Open Hole	NETHOD OF \Box Perf.	Dually	Comp. Con	nmingled	PRODUCTIO	λΝ ΙΝΙΕΚ\	/AL:
(If vented, Sub			Other (Specify)		(Submit A		mit ACO-4)			

Form	ACO1 - Well Completion				
Operator	Palomino Petroleum, Inc.				
Well Name	Prosper 1				
Doc ID	1194784				

Tops

Name	Тор	Datum
Anhy.	2220	(+ 841)
Base Anhy.	2244	(+ 817)
Heebner	3916	(- 855)
Lansing	3958	(- 897)
ВКС	4421	(-1360)
Marmaton	4451	(-1391)
Pawnee	4534	(-1473)
Ft. Scott	4459	(-1408)
Cherokee Sh.	4573	(-1512)
Miss.	4838	(-1777)
LTD	4968	(-1907)

CONSOLIDATED Oil Well Services, LLC

REMIT TO

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

RECEIVED

DEC 1 3 2012 MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

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

TON MILEAGE DELIVERY

PROSPER #1 44471 15-20-34W 12-07-2013 KS

Part Number Description Oty Unit Price Total CLASS "A" CEMENT (SALE) 1104S 165.00 18.5500 3060.75 1102 CALCIUM CHLORIDE (50#) 465.00 .9400 437.10 1118B PREMIUM GEL / BENTONITE 310.00 .2700 83.70 1111 SODIUM CHLORIDE (GRANULA 100.00 .0000 .00 Sublet Performed Description Total 9996-130 CEMENT MATERIAL DISCOUNT -358.16 9995-130 CEMENT EQUIPMENT DISCOUNT -199.73Description Hours Unit Price Total CEMENT PUMP (SURFACE) 399 1150.00 1.00 1150.00 399 EOUIPMENT MILEAGE (ONE WAY) 45.00 5.25 236.25

Amount Due 5870.79 if paid after 01/10/2014

1.00

611.10

Parts: 3581.55 Freight: .00 Tax: 262.70 AR 5283.71
Labor: .00 Misc: .00 Total: 5283.71
Sublt: -557.89 Supplies: .00 Change: .00

Signed_____ Date____

460

611.10



264625

TICKET NUMBER LOCATION DAKLEY FOREMAN DAMON M.

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-467-8676			CEMEN'	Т			KS
DATE	CUSTOMER#	MER# WELL NAME & NUMBER			SECTION	TOWNSHIP	RANGE	COUNTY
12-7-13	6285	PROSPE	R#1		15	20	34 W	Scott
CUSTOMER D	ALAMINO	Do to al	e i i ind	Scott esty				
MAILING ADDRE		FETROL	zum	81/2 W	TRUCK#	TIM W.	TRUCK#	DRIVER
TO BELLEVO TERRORISE				to farmer				
CITY		STATE	ZIP CODE	WEATE	- 160	MIKE R.		
				5 into				
JOB TYPE 54	RFACE	HOLE SIZE	121/4	J HOLE DEPTH	212	CASING SIZE & W	VEIGHT 898	242
CASING DEPTH	217.68	DRILL PIPE		TUBING			OTHER	0.000
SLURRY WEIGH	14.8	SLURRY VOL	1.36	WATER gal/si	ς	CEMENT LEFT In	CASING 20	1
DISPLACEMENT	12.59	DISPLACEMEN	T PSI	MIX PSI		RATE		
					10 Run	CASING CIR	CULATE	ON BOTTO
m 1x 165	SKS CLAS	S A CEM	ent 3%	occ 29	6 9EL DIS	PLACED W	1TH 12598	BLOP HZ
SHUT IN	WASHE	oup ,	and Ri	79EA 2	Down.			A STATE OF THE PARTY OF THE PAR
			-	0				
		CZV	nent D.	10 CIRCU	LATE			
			PROY 48					
					TH	Work You I	DAMON T	CREW
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	CODUCT	UNIT PRICE	TOTAL
54015	1		PUMP CHARG	E			1150.00	1150,00
5406	45		MILEAGE				5.25	236,25
5407A	7.7	16	for m	ILAGE D.	ELIVERY		1.75	611.10
11045	1655	15	CLASS	A CEM	ENT		18.55	306075
1102	4654	=	1	um CHZ			.94	437.10
11188	310		82701				127	83.70
	discussion of the second of th							
1111	100#		SALT	•	A CONTRACTOR OF THE PROPERTY O		N/e	N/C

				,			54BSOTAL	5518.90
							1255 10%	5.57,89
							SURTOTAL	557,89 5021.01
							1	
						SC	ANNE	

AUTHORIZTION

TITLE_____

TOTAL

SALES TAX **ESTIMATED**

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.



Description

SINGLE PUMP

EOUIPMENT MILEAGE (ONE WAY)

TON MILEAGE DELIVERY

463

463

566

INVOICE

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

RECEIVED

DEC 2 0 2017

264848

Total

1395.00

236.25

914.40

918/225-2650

Invoice #

Hours Unit Price

1395.00

914.40

5.25

1.00

45.00

1.00

Invoice Date: 12/18/2013 Terms: 10/10/30,n/30 PALOMINO PETROLEUM, INC. PROSPER #1 4924 SE 84TH STREET 44604 NEWTON KS 67114-8827 15-20-34 12-17-2013) KS Description Qty Unit Price Part Number Total 1131 60/40 POZ MIX 270.00 15.8600 4282.20 PREMIUM GEL / BENTONITE 929.00 .2700 1118B 250.83 1107 FLO-SEAL (25#) 68.00 2.9700 201.96 SODIUM CHLORIDE (GRANULA 1111 100.00 .0000 .00 Description Sublet Performed Total CEMENT MATERIAL DISCOUNT 9996-130 -473.50 9995-130 CEMENT EQUIPMENT DISCOUNT -254.56

Amount Due 7666.54 if paid after 01/17/2014

NAME AND POST OFFI DATE OF STATE AND			T STREET SHARED STREET SHARED ST				1500
Sublt:	-728.06	Supplies:	.00	Change:	.00		
					0022002		
Labor:	.00	Misc:	.00	Total:	6899.89		
Parts:	4734.99	Freight:	.00	Tax:	347.31	AR	6899.89

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 918/338-0808 316/322-7022 580/762-2303 785/672-8822 785/242-4044 620/839-5269 307/686-4914



264848

TICKET NUMBER 44604	
OCATION Oakley to.	
OREMAN Sue	

320-431-9210	hanute, KS 667 or 800-467-8676	3		CEMEN.	_			Ko.
DATE	CUSTOMER#	1	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
12/17/13	6285	Prosp	per#1		15	20	34	Scott
Palomin	Potro	loum		Scott City				
AAILING ADDRE	iss	rewri		5+040	TRUCK#	DRIVER	TRUCK#	DRIVER
				8/20	566	Cory	-	
CITY		STATE	ZIP CODE	tofarmers	Helper	Steven		
				w Gate	reiper	Sian		
OB TYPE	TA	HOLE SIZE	77/8	Sinto L HOLE DEPTH	21060	CASING SIZE &	WEIGHT	
ASING DEPTH		DRILL PIPE	The second lives and the second lives are not to the second lives and the second lives are not to the second lives and the second lives are not to the second lives are no	TUBING	7100	CASING SIZE &	OTHER	
-	T125To 13					CEMENT LEFT I		
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2250 - 5	505 KS							
1250 - 8						***	***************************************	
630 - 8		The street of the second secon						
242 -			270 SK	5 60/40 4	19/6 Ge / 1/4	*Flosen		
	20 5K3					7.000		
	nole 305KS							
7			The second secon					
					Thank	2 Lauer	rt Cre	w
ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PF	RODUCT	UNIT PRICE	TOTAL
54010	1		PUMP CHARG	E			\$ 1395.00	\$ 1395,00
5406	45		MILEAGE				\$ 5.25	1236,25
5407A	11.61		Ton M.	leage D	elivery		8175	1914.40
				U	-			
1131	270 5	Ks	69/40 Po:	xing =			0 15,86	14282 30
1118 B	929		Benton				\$ 27	\$ 250 83
1107	68*		Floses!				\$ 2.22	P 201.96
1111	100	y	Salt		,		NC	NC
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				all a main de la Challacht (Challacht) (Challacht) (Challacht) (Challacht) (Challacht) (Challacht) (Challacht)				
				CALIFORNIA COMPANY TO SEE STANDARD SECTION SEC				
							-	
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							Less 10%	72.80.6
						loled	Subtetal	6552 5
				KV			120019141	1002
						8.15	SALES TAX	2117 7
in 3737						<u>C1,0</u>	ESTIMATED	347.3
	- 24	11		-			TOTAL	6899.80
				All I	11 11			

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.



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Prosper#1

15-20s-34w Scott, KS

Start Date: 2013.12.12 @ 09:17:00 End Date: 2013.12.12 @ 15:04:20

Job Ticket #: 55560 DST #: 1

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



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55560

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.12.12 @ 09:17:00

GENERAL INFORMATION:

Time Tool Opened: 11:25:20

Time Test Ended: 15:04:20

Formation:

LKC 'G'

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Chuck Smith

Unit No:

62

Reference Elevations:

3061.00 ft (KB)

3056.00 ft (CF)

KB to GR/CF:

Interval:

4110.00 ft (KB) To 4154.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4154.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

5.00 ft

Serial #: 6751

Press@RunDepth:

Outside 314.46 psig @

4113.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2013.12.12 09:17:02 End Date: End Time:

2013.12.12 15:04:19 Last Calib.: Time On Btm: 2013.12.12

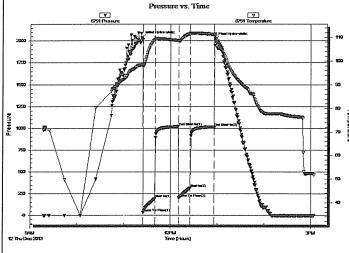
2013.12.12 @ 11:23:20 Time Off Btm: 2013.12.12 @ 12:57:00

TEST COMMENT: B.O.B. @ 6 min.

No return.

B.O.B. @ 6 1/2 min.

Weak return died @ 10 min.



	PRESSURE SUMMARY								
	Time	Pressure	Temp	Annotation					
	(Min.)	(psig)	(deg F)						
	0	2034.45	98.49	Initial Hydro-static					
	2	33.07	97.59	Open To Flow (1)					
	17	193.41	109.15	Shut-In(1)					
	47	1018.52	108.83	End Shut-In(1)					
7	48	198.90	108.50	Open To Flow (2)					
Temperature	62	314.46	111.64	Shut-In(2)					
ž	93	1015.94	111.22	End Shut-In(2)					
	94	2020.07	111.11	Final Hydro-static					

Recovery

Length (ft)	Description	Volume (bbl)		
496.00	MW 10m 90w Popping gas	5.84		
124.00	MW 50m 50w	1.74		
90.00	WM 15w 85m	1.26		

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

Trilobite Testing, Inc

Ref. No: 55560



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114

ATTN: Ryan Seib

Prosper #1

Job Ticket: 55560

DST#: 1

Test Start: 2013.12.12 @ 09:17:00

GENERAL INFORMATION:

Time Tool Opened: 11:25:20

Time Test Ended: 15:04:20

Formation:

LKC 'G'

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Chuck Smith

Unit No: 62

Reference Elevations: 3061.00 ft (KB)

3056.00 ft (CF)

4154.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

Interval:

7.88 inches Hole Condition: Good

4110.00 ft (KB) To 4154.00 ft (KB) (TVD)

KB to GR/CF:

5.00 ft

Serial #: 8357 Press@RunDepth: Inside

psig @

4113.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.12.12 09:17:13

End Date: End Time:

2013.12.12

Last Calib.: Time On Btm: 2013.12.12

Start Time:

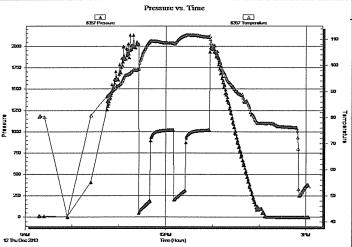
15:04:20

Time Off Btm:

TEST COMMENT: B.O.B. @ 6 min.

No return.

B.O.B. @ 6 1/2 min. Weak return died @ 10 min.



	PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation				
0	(Min.)	(psig)	(deg F)					
0								
Temperature								
eratur								
•								

Recovery

Length (ft)	Description	Volume (bbl)
496.00	MW 10m 90w Popping gas	5.84
124.00	MW 50m 50w	1.74
90.00	WM 15w 85m	1.26

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

Trilobite Testing, Inc

Ref. No: 55560



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55560

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.12.12 @ 09:17:00

Tool Information

Drill Pipe Above KB:

Depth to Top Packer:

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

Length: 3982.00 ft Diameter:

0.00 ft Diameter: 123.00 ft Diameter: 3.80 inches Volume: inches Volume: 2.25 inches Volume:

0.00 bbl 0.60 bbl Total Volume: 56.46 bbl

55.86 bbl

Tool Weight: Weight set on Packer: 20000.00 lb Weight to Pull Loose: 70000.00 lb

2300.00 lb

Tool Chased

0.00 ft

String Weight: Initial 64000.00 lb Final 66000.00 lb

22.50 ft 4110.00 ft

Depth to Bottom Packer: Interval between Packers:

44.00 ft Tool Length: 71.50 ft

Number of Packers:

2 Diameter: 6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4083.50		***************************************
Shut In Tool	5.00			4088.50		
Hydraulic tool	5.00			4093.50		
Jars	5.00			4098.50		
Safety Joint	2.50			4101.00		
Packer	5.00			4106.00	27.50	Bottom Of Top Packer
Packer	4.00			4110.00		
Stubb	1.00			4111.00		
Perforations	2.00			4113.00		
Recorder	0.00	8357	Inside	4113.00		
Recorder	0.00	6751	Outside	4113.00		
Perforations	5.00			4118.00		
Change Over Sub	1.00			4119.00		
Drill Pipe	31.00			4150.00		
Change Over Sub	1.00			4151.00		
Bullnose	3.00			4154.00	44.00	Bottom Packers & Anchor

Total Tool Length: 71.50

Trilobite Testing, Inc Ref. No: 55560 Printed: 2013.12.17 @ 14:05:51



FLUID SUMMARY

Palomino Petroleum, Inc. 15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55560

DST#: 1

ATTN: Ryan Seib

Test Start: 2013.12.12 @ 09:17:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length: Cushion Volume: Water Salinity:

52000 ppm

Viscosity: Water Loss: 57.00 sec/qt 7.97 in³

Gas Cushion Type:

ft

bbl

Resistivity: Salinity:

Filter Cake:

ohm.m 6000.00 ppm 1.00 inches Gas Cushion Pressure: psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	MW 10m 90w Popping gas	5.837
124.00	MW 50m 50w	1.739
90.00	WM 15w 85m	1.262

Total Length:

710.00 ft

Total Volume:

8.838 bbl

Num Fluid Samples: 0

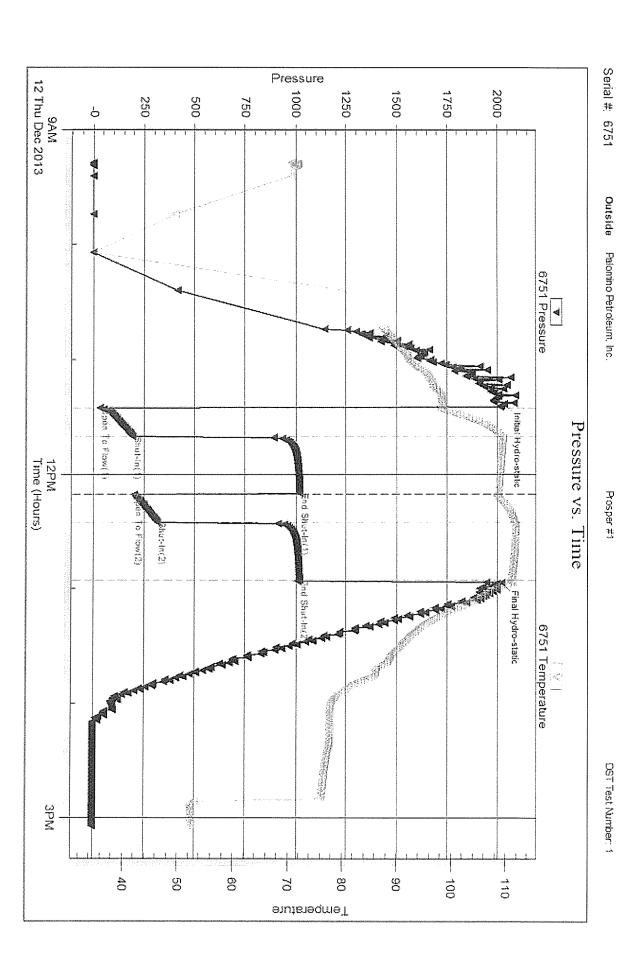
Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .220 @ 47 Degrees F = 52000 PPM

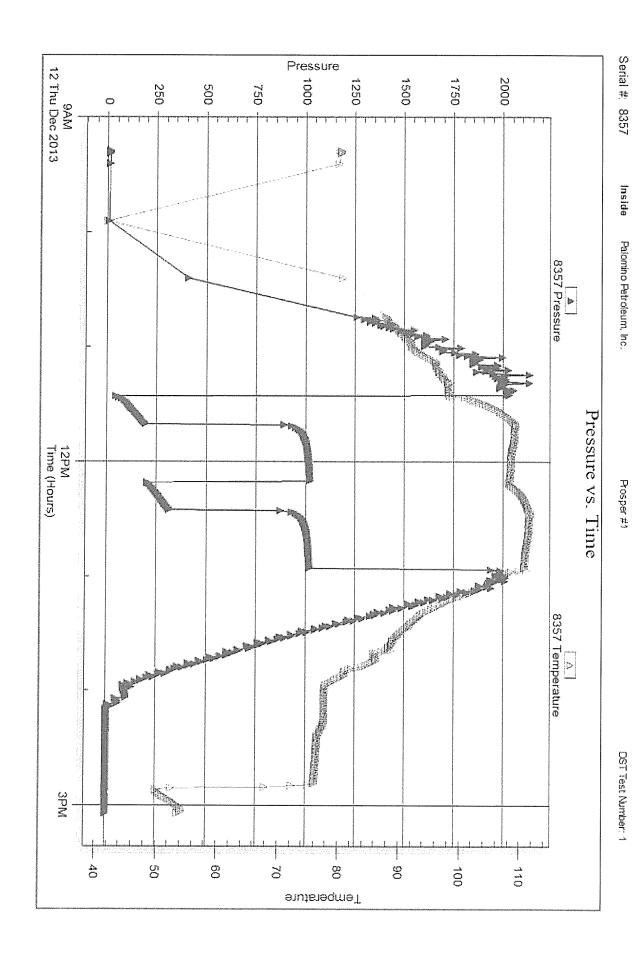
Trilobite Testing, Inc Ref. No: 55560 Printed: 2013.12.17 @ 14:05:51



Triobite Testing, Inc.

Der. No.

55560



Tritobile Testing, Inc

Ref. No.

55560



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Prosper#1

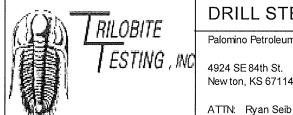
15-20s-34w Scott, KS

Start Date: 2013.12.13 @ 02:00:00

End Date: 2013.12.13 @ 09:13:42

Job Ticket #: 55561 DST #: 2

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



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55561

DST#: 2

Test Start: 2013.12.13 @ 02:00:00

GENERAL INFORMATION:

Time Tool Opened: 04:47:18 Time Test Ended: 09:13:42

Formation:

LKC 'H-I'

Deviated:

No

Whipstock:

ft (KB)

Conventional Bottom Hole (Reset) Test Type: Chuck Smith Tester:

62

Unit No:

Reference Elevations:

3061.00 ft (KB)

3056.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval:

4161.00 ft (KB) To 4225.00 ft (KB) (TVD)

Total Depth: 4225.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Good

Serial #: 8357 Press@RunDepth: Inside

295.72 psig @

4164.00 ft (KB)

2013.12.13

Capacity:

8000.00 psig

Start Date: Start Time:

2013.12.13 02:00:05

End Date: End Time:

09:13:42

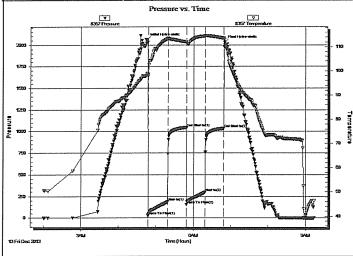
Last Calib.: Time On Btm: 2013.12.13

Time Off Btm: 2013.12.13 @ 06:49:54

2013.12.13 @ 04:45:00

TEST COMMENT: B.O.B. @ 13 min.

No return. B.O.B. @ 14 min. No return.



	PRESSURE SUMMARY					
•	Time	Pressure	Temp	Annotation		
	(Min.)	(psig)	(deg F)			
	0	2059.81	98.25	Initial Hydro-static		
	3	27.40	97.78	Open To Flow (1)		
	34	186.07	113.38	Shut-In(1)		
	64	1045.64	111.95	End Shut-In(1)		
	64	154.42	111.44	Open To Flow (2)		
Temperatur	94	295.72	114.44	Shut-ln(2)		
2	124	1035.23	113,63	End Shut-In(2)		
	125	2031.40	112.85	Final Hydro-static		

Recovery

Length (ft)	Description	Volume (bbl)
434.00	MW 5m 95 w Oil spots in tool.	4.97
176.00	WM 40w 60m	2.47

	Gas Rat	es	
**	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc Ref. No: 55561 Printed: 2013.12.17 @ 14:03:56



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

Prosper #1

4924 SE 84th St. New ton, KS 67114

Job Ticket: 55561

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.12.13 @ 02:00:00

GENERAL INFORMATION:

Formation:

LKC 'H-I'

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Unit No:

Chuck Smith

Time Tool Opened: 04:47:18

Time Test Ended: 09:13:42

4161.00 ft (KB) To 4225.00 ft (KB) (TVD)

Reference Elevations:

3061.00 ft (KB)

Total Depth:

Interval:

4225.00 ft (KB) (TVD)

Outside

3056.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 6751

Press@RunDepth:

psig @

4164.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.12.13

End Date:

2013.12.13

Last Calib.: Time On Btm: 2013.12.13

Start Time:

01:59:47

End Time:

09:13:25

Time Off Btm:

TEST COMMENT: B.O.B. @ 13 min. No return. B.O.B. @ 14 min.

No return. Pressure vs. Time 6751 Yempen

	PRESSURE SUMMARY							
1	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
1								
₹								
Temperature								
\$								
-								
ı								

Recovery

Length (ft)	Description	Volume (bbl)
434.00	MW 5m 95 w Oil spots in tool.	4.97
176.00	WM 40w 60m	2.47
* Recovery from n	nultiple tests	

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 55561



TOOL DIAGRAM

Palomino Petroleum, Inc.

4924 SE 84th St. New ton, KS 67114 15-20s-34w Scott, KS

Prosper #1

Job Ticket: 55561

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.12.13 @ 02:00:00

Tool Information

Drill Pipe: Length: 4013.00 ft Diameter: Heavy Wt. Pipe: Length: Drill Collar:

Length:

2.50 ft

ft

0.00 ft Diameter: 123.00 ft Diameter:

3.80 inches Volume: inches Volume: 2.25 inches Volume: Total Volume:

0.60 bbl 56.89 bbl

56.29 bbl

0.00 bbl

Tool Weight: 2300.00 lb Weight set on Packer: 22000.00 lb

Weight to Pull Loose: 75000.00 lb Tool Chased 0.00 ft

String Weight: Initial 65000.00 lb Final 65000.00 lb

Drill Pipe Above KB: Depth to Top Packer: 4161.00 ft

Depth to Bottom Packer: Interval between Packers: 64.00 ft

Tool Length: Number of Packers: 91.50 ft 2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4134.50		
Shut In Tool	5.00			4139.50		
Hydraulic tool	5.00			4144.50		
Jars	5.00			4149.50		
Safety Joint	2.50			4152.00		
Packer	5.00			4157.00	27.50	Bottom Of Top Packer
Packer	4.00			4161.00		
Stubb	1.00			4162.00		
Perforations	2.00			4164.00		
Recorder	0.00	8357	Inside	4164.00		
Recorder	0.00	6751	Outside	4164.00		
Perforations	25.00			4189.00		
Change Over Sub	1.00			4190.00		
Drill Pipe	31.00			4221.00		
Change Over Sub	1.00			4222.00		
Bullnose	3.00			4225.00	64.00	Bottom Packers & Anchor

Total Tool Length: 91.50

Trilobite Testing, Inc Ref. No: 55561 Printed: 2013.12.17 @ 14:03:57



FLUID SUMMARY

deg API

55000 ppm

Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55561

DST#: 2

ATTN: Ryan Seib

Test Start: 2013.12.13 @ 02:00:00

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

47.00 sec/qt

Viscosity: Water Loss:

7.96 in³

Resistivity: Salinity:

ohm.m 6000.00 ppm

1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type: Gas Cushion Pressure:

ft

ldd

psig

Filter Cake: **Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
434.00	MW 5m 95 w Oil spots in tool.	4.967
176.00	WM 40w 60m	2.469

Total Length:

610.00 ft

Total Volume:

7.436 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

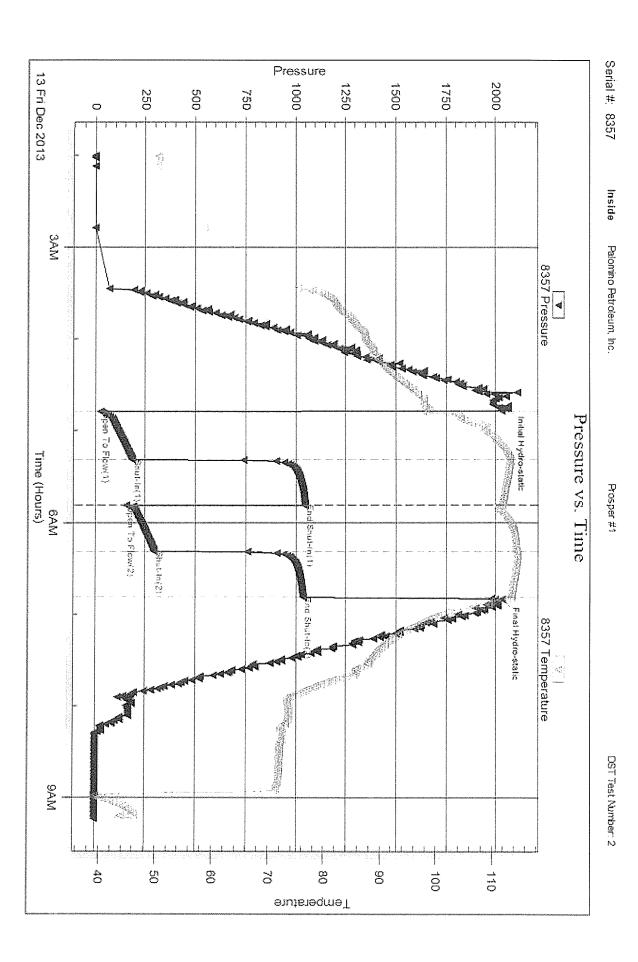
Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .235 @ 42 Degrees F = 55000 PPM

Trilobite Testing, Inc

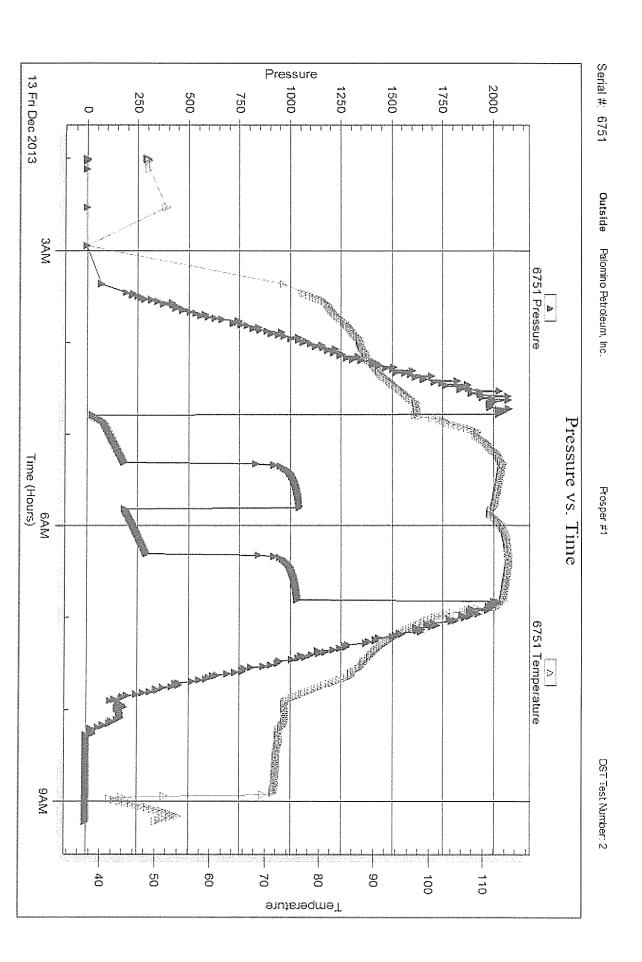
Ref. No: 55561



Tribbite Testing, Inc

Ref. No.

55561



Triobite Testing, Inc

Ref. No:

55561

Amted: 2013.12.17 @ 14:04:01



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Prosper#1

15-20s-34w Scott, KS

Start Date: 2013.12.14 @ 03:00:00

End Date: 2013.12.14 @ 09:19:36

Job Ticket #: 55562 DST #: 3

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



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55562

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 03:00:00

GENERAL INFORMATION:

Time Tool Opened: 05:02:36

Time Test Ended: 09:19:36

Formation:

Interval:

LKC 'K - Pleasanton

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Chuck Smith

Unit No:

4326.00 ft (KB) To 4433.00 ft (KB) (TVD)

Reference Elevations:

3061.00 ft (KB)

3056.00 ft (CF)

Total Depth: Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8357 Press@RunDepth: Inside

246.87 psig @

4433.00 ft (KB) (TVD)

4329.00 ft (KB)

Capacity: 2013.12.14

8000.00 psig

Start Date: Start Time:

2013.12.14 03:00:05 End Date: End Time:

09:19:36

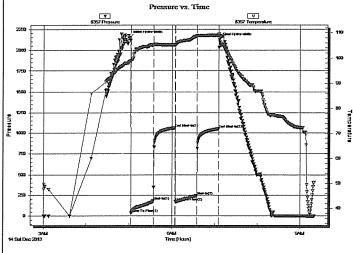
Last Calib.: Time On Btm: 2013.12.14

Time Off Btm: 2013.12.14 @ 07:06:48

2013.12.14 @ 05:00:30

TEST COMMENT: B.O.B. @ 18 min.

No return. B.O.B. @ 20 min. No return.



	PRESSURE SUMMARY					
	Time	Pressure	Temp	Annotation		
	(Min.)	(psig)	(deg F)			
	0	2150.19	98.67	Initial Hydro-static		
	3	38.29	98.62	Open To Flow (1)		
Ten	34	183.27	105.26	Shut-In(1)		
	64	1065.66	105.29	End Shut-In(1)		
	65	170.24	105.10	Open To Flow (2)		
Temperature	95	246.87	108.66	Shut-ln(2)		
3	126	1053.93	109.02	End Shut-In(2)		
	127	2121.01	108.76	Final Hydro-static		

Length (ft)	Description	Volume (bbl)
124.00	OSMW 20m 80w	0.62
186.00	OSWM 45w 55m	2.61
170.00	OSWM 10w 90m	2.38

Recovery

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

Cae Patos

	1		
186.00	OSWM 45w 55m		2.61
170.00	OSWM 10w 90m		2.38
Recovery from mult	iple tests		
Trilobite Tes	ting, Inc	Ref. No	o: 55562



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1 Job Ticket: 55562

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 03:00:00

GENERAL INFORMATION:

Time Tool Opened: 05:02:36

Time Test Ended: 09:19:36

Formation:

LKC 'K - Pleasanton

Deviated:

Interval:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Chuck Smith

Unit No:

62

Reference Elevations:

3061.00 ft (KB)

3056.00 ft (CF)

Total Depth: Hole Diameter: 4433.00 ft (KB) (TVD)

4326.00 ft (KB) To 4433.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 6751

Press@RunDepth:

Outside

psig @

4329.00 ft (KB)

2013.12.14

Capacity: Last Calib.: 8000.00 psig

Start Date:

2013.12.14 02:59:53

End Date: End Time:

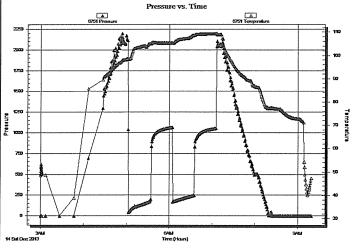
09:19:21

Time On Btm: Time Off Btm: 2013.12.14

Start Time:

No return.

TEST COMMENT: B.O.B. @ 18 min. No return. B.O.B. @ 20 min.



	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	, ,		, , ,	
ă,				
Temperature				
•				

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
124.00	OSMW 20m 80w	0.62
186.00	OSWM 45w 55m	2.61
170.00	OSVM 10w 90m	2.38
* Recovery from m	ultiple tests	

Trilobite Testing, Inc

Gas Rates					
Choke (inches)	Pressure (nsin)	Gas Rate (Mct/d			

Ref. No: 55562 Printed: 2013.12.17 @ 14:02:54



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55562

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 03:00:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length:

Length: 4206.00 ft Diameter:

0.00 ft Diameter: 123.00 ft Diameter:

inches Volume: 2.25 inches Volume: Total Volume:

3.80 inches Volume:

59.00 bbl 0.00 bbl 0.60 bbl 59.60 bbl

Tool Weight: Weight set on Packer: 25000.00 lb

2300.00 lb

Weight to Pull Loose: 75000.00 lb

Tool Chased

0.00 ft

String Weight: Initial 68000.00 lb

Final 69000.00 lb

Drill Pipe Above KB: Depth to Top Packer:

30.50 ft 4326.00 ft ft

Depth to Bottom Packer: Interval between Packers: 107.00 ft Tool Length:

134.50 ft

Diameter:

6.75 inches

Tool Comments:

Number of Packers:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4299.50		
Shut In Tool	5.00			4304.50		
Hydraulic tool	5.00			4309.50		
Jars	5.00			4314.50		
Safety Joint	2.50			4317.00		
Packer	5.00			4322.00	27.50	Bottom Of Top Packer
Packer	4.00			4326.00		
Stubb	1.00			4327.00		
Perforations	2.00			4329.00		
Recorder	0.00	8357	Inside	4329.00		
Recorder	0.00	6751	Outside	4329.00		
Perforations	5.00			4334.00		
Change Over Sub	1.00			4335.00		
Drill Pipe	94.00			4429.00		
Change Over Sub	1.00			4430.00		
Bullnose	3.00			4433.00	107.00	Bottom Packers & Anchor
Total Tool Length	: 134.50					

Trilobite Testing, Inc

Ref. No: 55562



FLUID SUMMARY

Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55562

DST#: 3

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 03:00:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type: Cushion Length: Oil API: Water Salinity: deg API

Mud Weight: Viscosity:

53.00 sec/qt 7.96 in³

Cushion Volume: Gas Cushion Type: bbl

37000 ppm

Water Loss: Resistivity:

ohm.m 7000.00 ppm

Gas Cushion Pressure:

psig

ft

Salinity: Filter Cake:

1.00 inches

Recovery Information

Recovery Table

Length ft		Description	Volume bbl
12	4.00 OS	SMW 20m 80w	0.619
18	6.00 OS	SVVM 45w 55m	2.609
17	0.00 08	SWM 10w 90m	2.385

Total Length:

480.00 ft

Total Volume:

5.613 bbl

Num Fluid Samples: 0

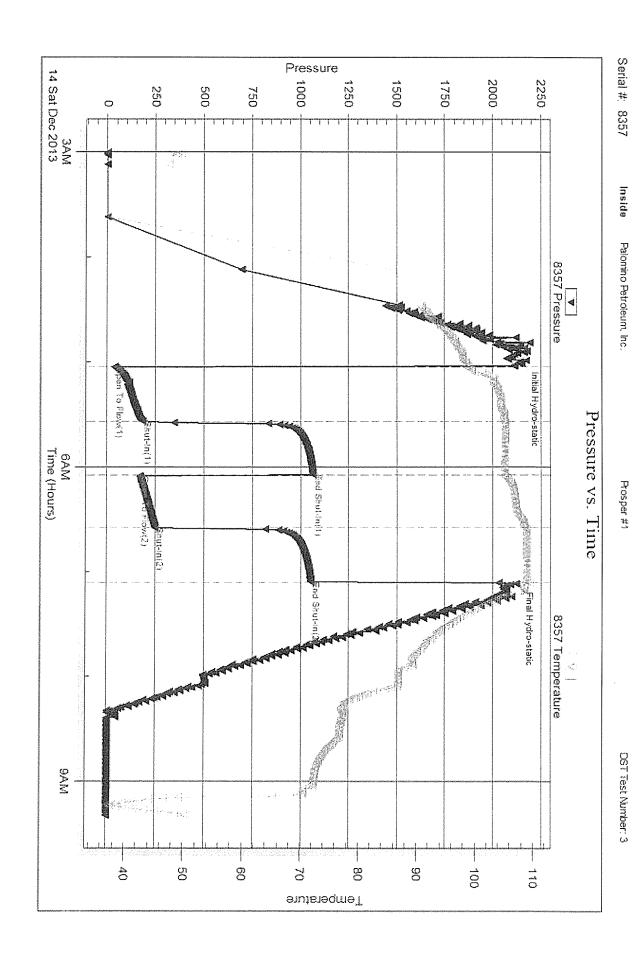
Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .232 @ 58 Degrees F = 37000 PPM

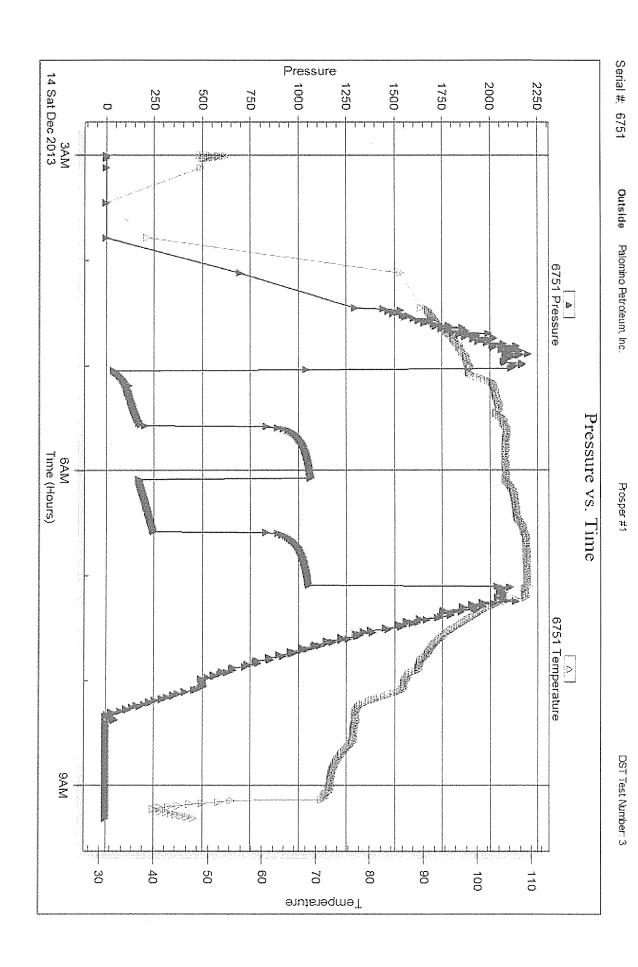
Trilobite Testing, Inc Ref. No: 55562 Printed: 2013.12.17 @ 14:02:55



Tribbite Testing, Inc

Ref. No:

55562



Tribbite Testing, Inc

Ref. No:

55562



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Prosper #1

15-20s-34w Scott, KS

Start Date: 2013.12.14 @ 22:30:00 End Date: 2013.12.15 @ 06:45:09

Job Ticket #: 55563 DST #: 4

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



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114

Prosper #1

Job Ticket: 55563

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 22:30:00

GENERAL INFORMATION:

Formation:

Interval:

Total Depth:

Hole Diameter:

Marmaton

Deviated: No Time Tool Opened: 01:10:50

Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Unit No:

Chuck Smith

Time Test Ended: 06:45:09

4456.00 ft (KB) To 4530.00 ft (KB) (TVD)

4530.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Reference Elevations:

3061.00 ft (KB)

3056.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6751 Press@RunDepth:

Outside

73.13 psig @

4459.00 ft (KB)

2013.12.15

Capacity:

8000.00 psig

Start Date: Start Time: 2013.12.14 22:30:02

End Date: End Time:

06:45:10

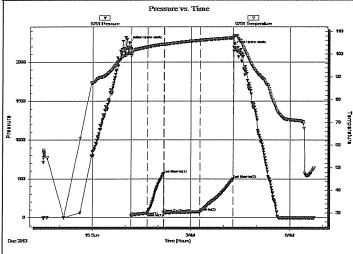
Last Calib.: Time On Btm: 2013.12.15

Time Off Btm:

2013.12.15 @ 01:06:50 2013.12.15 @ 04:17:39

TEST COMMENT: 9" Blow.

Surface return. 9" Blow. No return.



	PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	2248.61	100.62	Initial Hydro-static				
	4	22.87	99.30	Open To Flow (1)				
	34	56.63	103.19	Shut-In(1)				
	63	566.35	104.40	End Shut-In(1)				
₹.	64	59.26	104.30	Open To Flow (2)				
Temperaturi	130	73.13	106.17	Shut-ln(2)				
5	190	496.89	107.31	End Shut-In(2)				
	191	2184.15	107.77	Final Hydro-static				

Recovery

Length (ft)	Description	Volume (bbl)
61.00	GMCO 20g 20m 60o	0.30
62.00	GMCO 25g 25m 50o	0.30
20.00	GOCM 10g 30o 60m	0.28
0.00	104 Weak GIP	0.00
* Recovery from n	nultiple tests	

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

Ref. No: 55563 Trilobite Testing, Inc Printed: 2013.12.17 @ 14:01:43



Palomino Petroleum, Inc.

15-20s-34w Scott, KS Prosper #1

4924 SE 84th St. New ton, KS 67114

Job Ticket: 55563

DST#:4

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 22:30:00

GENERAL INFORMATION:

Formation:

Interval:

Total Depth:

Hole Diameter:

Marmaton

Deviated: No Time Tool Opened: 01:10:50 ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Unit No: Chuck Smith 62

Time Test Ended: 06:45:09 4456.00 ft (KB) To 4530.00 ft (KB) (TVD)

4530.00 ft (KB) (TVD)

Whipstock:

3061.00 ft (KB)

Reference Elevations:

3056.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 8357

Press@RunDepth:

Inside

psig @

7.88 inches Hole Condition: Good

4459.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2013.12.14

End Date:

2013.12.15

Last Calib .:

2013.12.15

Start Time:

22:30:05

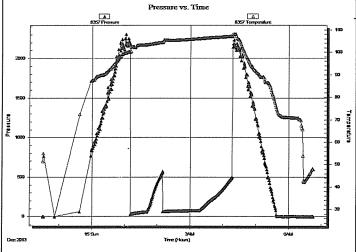
End Time:

06:45:18

Time On Btm: Time Off Btm:

TEST COMMENT: 9" Blow.

Surface return. 9" Blow. No return.



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

Recovery

Length (ft)	Description	Volume (bbl)
61.00	GMCO 20g 20m 60o	0.30
62.00	GMCO 25g 25m 50o	0.30
20.00	GOCM 10g 30o 60m	0.28
0.00	104 Weak GIP	0.00
* Recovery from m	nultiple tests	*

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

Trilobite Testing, Inc. Ref. No: 55563 Printed: 2013.12.17 @ 14:01:43



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1 Job Ticket: 55563

DST#:4

Final 69000.00 lb

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 22:30:00

Tool Information

Drill Pipe Above KB:

Depth to Top Packer:

Drill Pipe: Heavy Wt. Pipe: Length:

Drill Collar:

Length: 4330.00 ft Diameter: Length:

0.00 ft Diameter: 123.00 ft Diameter: 3.80 inches Volume: inches Volume: 2.25 inches Volume:

Total Volume:

0.00 bbl 0.60 bbl 61.34 bbl

60.74 bbl Tool Weight:

Weight set on Packer: 22000.00 lb Weight to Pull Loose: 82000.00 lb

Tool Chased

0.00 ft String Weight: Initial 68000.00 lb

2300.00 lb

4456.00 ft ft

24.50 ft

Depth to Bottom Packer: Interval between Packers: 74.00 ft

101.50 ft

Diameter:

6.75 inches

Tool Comments:

Number of Packers:

Tool Length:

Tool Description	_ength (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4429.50		
Shut In Tool	5.00			4434.50		
Hydraulic tool	5.00			4439.50		
Jars	5.00			4444.50		
Safety Joint	2.50			4447.00		
Packer	5.00			4452.00	27.50	Bottom Of Top Packer
Packer	4.00			4456.00		
Stubb	1.00			4457.00		
Perforations	2.00			4459.00		
Recorder	0.00	8357	Inside	4459.00		
Recorder	0.00	6751	Outside	4459.00		
Perforations	5.00			4464.00		
Change Over Sub	1.00			4465.00		
Drill Pipe	61.00			4526.00		
Change Over Sub	1.00			4527.00		
Bullnose	3.00			4530.00	74.00	Bottom Packers & Anchor
Total Tool Length:	101.50					

Trilobite Testing, Inc. Ref. No: 55563 Printed: 2013.12.17 @ 14:01:44



FLUID SUMMARY

Palomino Petroleum, Inc. 15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Serial #:

Job Ticket: 55563

DST#: 4

ATTN: Ryan Seib

Test Start: 2013.12.14 @ 22:30:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 55.00 sec/qt Cushion Volume: bbl

Water Loss: 8.78 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 6500.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
61.00	GMCO 20g 20m 60o	0.300
62.00	GMCO 25g 25m 50o	0.305
20.00	GOCM 10g 30o 60m	0.281
0.00	104 Weak GIP	0.000

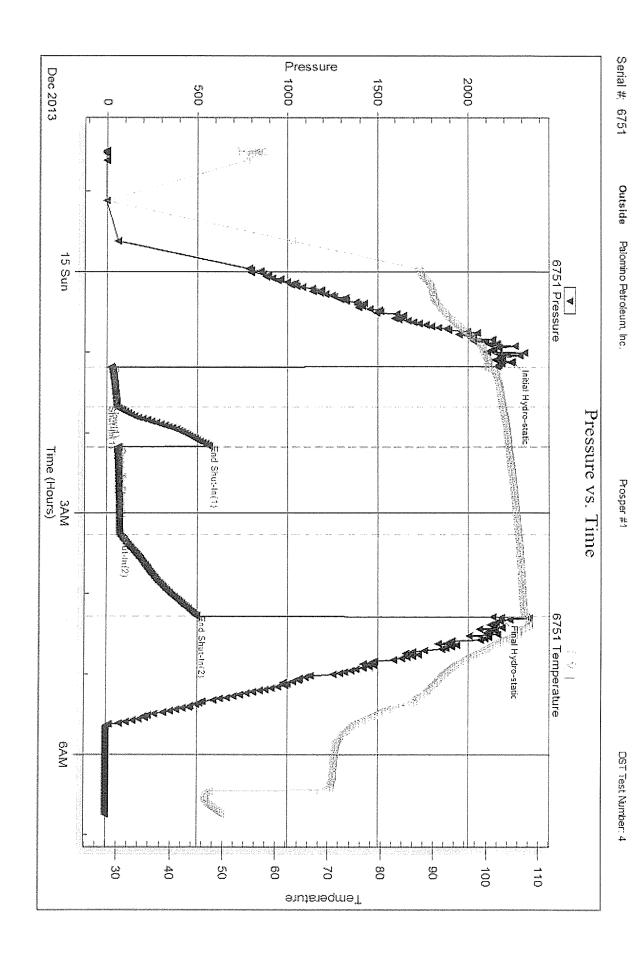
Total Length: 143.00 ft Total Volume: 0.886 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0

Laboratory Name: Laboratory Location:

Recovery Comments: API: @ Degrees F =

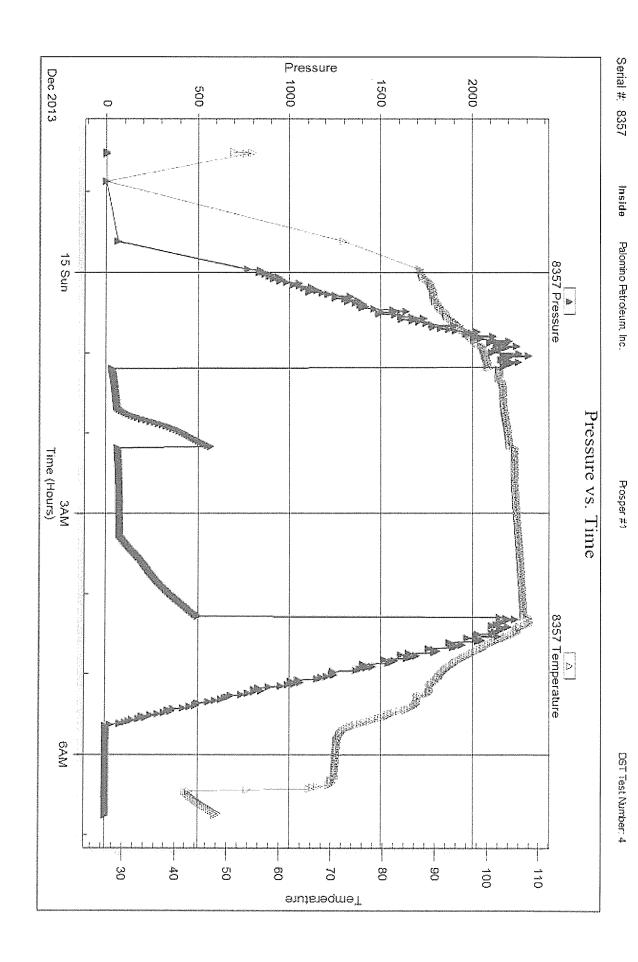
Trilobite Testing, Inc Ref. No: 55563 Printed: 2013.12.17 @ 14:01:45



Tribbile Testing, Inc

Ref. No.

55563



Triobite Testing, Inc.

Ref. No.

55563



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Prosper #1

15-20s-34w Scott, KS

Start Date: 2013.12.16 @ 06:55:00 End Date: 2013.12.16 @ 13:10:12 DST#: 5

Job Ticket #: 55564

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



Palomino Petroleum, Inc.

Prosper #1

4924 SE 84th St. New ton, KS 67114

Job Ticket: 55564

15-20s-34w Scott, KS

DST#: 5

ATTN: Ryan Seib

Test Start: 2013.12.16 @ 06:55:00

GENERAL INFORMATION:

Time Tool Opened: 09:05:48

Time Test Ended: 13:10:12

Formation:

Pawnee - Ft. Scott

Inside

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Chuck Smith

Unit No:

Reference Elevations:

3061.00 ft (KB)

3056.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth: Hole Diameter:

Start Date:

Start Time:

4526.00 ft (KB) To 4750.00 ft (KB) (TVD)

4750.00 ft (KB) (TVD) 7.88 inches Hole Condition: Good

Serial #: 8357

Press@RunDepth:

52.21 psig @ 2013.12.16

06:55:05

4529.00 ft (KB)

End Date: End Time: 2013.12.16 13:10:12

Capacity: Last Calib.: 8000.00 psig

Time On Btm:

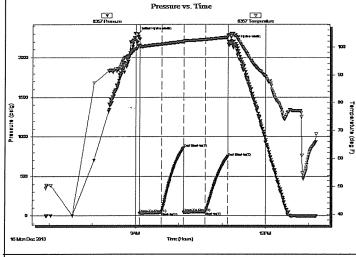
2013.12.16 2013.12.16 @ 09:03:18

Time Off Btm:

2013.12.16 @ 11:07:54

TEST COMMENT: 1" Blow.

No return. Surface blow. No return.



PRESSURE SUMMARY Time Pressure Temp Annotation (Min.) (psig) (deg F) 0 2300.38 100.27 Initial Hydro-static 3 32.38 99.87 Open To Flow (1) 33 42.93 101.02 | Shut-In(1) 858.26 101.92 End Shut-In(1) 64 64 46.34 101.57 Open To Flow (2) 94 52.21 102.70 Shut-In(2) 746.85 103.48 End Shut-In(2) 124 2201.07 Final Hydro-static 125 104.11

Length (ft) Description Volume (bbl) 62.00 M 100m 0.30

Recovery

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

* Recovery from multiple tests Trilobite Testing, Inc.

Ref. No: 55564



Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St.

New ton, KS 67114

Prosper #1

Job Ticket: 55564

DST#: 5

ATTN: Ryan Seib

Test Start: 2013.12.16 @ 06:55:00

GENERAL INFORMATION:

Time Tool Opened: 09:05:48

Time Test Ended: 13:10:12

Formation:

Interval:

Pawnee - Ft. Scott

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: Unit No: Chuck Smith 62

4526.00 ft (KB) To 4750.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

4750.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Reference Elevations:

3061.00 ft (KB) 3056.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6751 Press@RunDepth: Outside

psig @

4529.00 ft (KB)

Capacity: 2013.12.16 Last Calib.: 8000.00 psig

Start Date:

2013.12.16 06:54:53

End Date:

13:10:01

Time On Btm:

2013.12.16

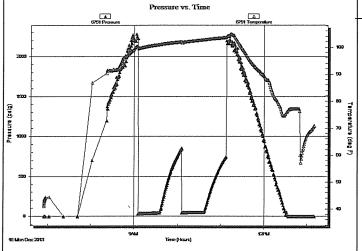
Start Time:

End Time:

Time Off Btm:

TEST COMMENT: 1" Blow.

No return. Surface blow. No return.



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

Recovery Length (ft) Description Volume (bbl) 62.00 M 100m 0.30 Recovery from multiple tests

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

Trilobite Testing, Inc Ref. No: 55564 Printed: 2013.12.17 @ 14:00:56



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114

Job Ticket: 55564

Prosper #1

DST#: 5

ATTN: Ryan Seib

Test Start: 2013.12.16 @ 06:55:00

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4391.00 ft Diameter:

0.00 ft Diameter:

3.80 inches Volume: inches Volume: 61.59 bbl 0.00 bbl 0.60 bbl

Tool Weight: Weight set on Packer: 25000.00 lb

2300.00 lb

Drill Collar:

Length:

123.00 ft Diameter:

2.25 inches Volume:

Tool Chased

Weight to Pull Loose: 90000.00 lb 0.00 ft

Drill Pipe Above KB: Depth to Top Packer:

15.50 ft 4526.00 ft Total Volume: 62.19 bbl

String Weight: Initial 72000.00 lb

Final 72000.00 lb

Depth to Bottom Packer:

ft

Interval between Packers: 74.00 ft Tool Length:

Number of Packers:

101.50 ft 2 Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum, Lengths	
Change Over Sub	1.00			4499.50		
Shut In Tool	5.00			4504.50		
Hydraulic tool	5.00			4509.50		
Jars	5.00			4514.50		
Safety Joint	2.50			4517.00		
Packer	5.00			4522.00	27.50	Bottom Of Top Packer
Packer	4.00			4526.00		
Stubb	1.00			4527.00		
Perforations	2.00			4529.00		
Recorder	0.00	8357	Inside	4529.00		
Recorder	0.00	6751	Outside	4529.00		
Perforations	27.00			4556.00		
Change Over Sub	1.00			4557.00		
Drill Pipe	39.00			4596.00		
Change Over Sub	1.00			4597.00		
Bullnose	3.00			4600.00	74.00	Bottom Packers & Anchor
Total Tool Longth	. 404.50					

Total Tool Length: 101.50

Trilobite Testing, Inc Ref. No: 55564 Printed: 2013.12.17 @ 14:00:56



FLUID SUMMARY

Palomino Petroleum, Inc.

15-20s-34w Scott, KS

4924 SE 84th St. New ton, KS 67114 Prosper #1

Job Ticket: 55564

DST#: 5

ATTN: Ryan Seib

Test Start: 2013.12.16 @ 06:55:00

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal 50.00 sec/qt

Viscosity: Water Loss:

8.78 in³ ohm.m

Resistivity: Salinity: Filter Cake:

8000.00 ppm 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API ppm

psig

ft

bbl

Recovery Information

Recovery Table

Description Volume Length fť bbl 62.00 M 100m 0.305

Total Length:

62.00 ft

Total Volume:

0.305 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

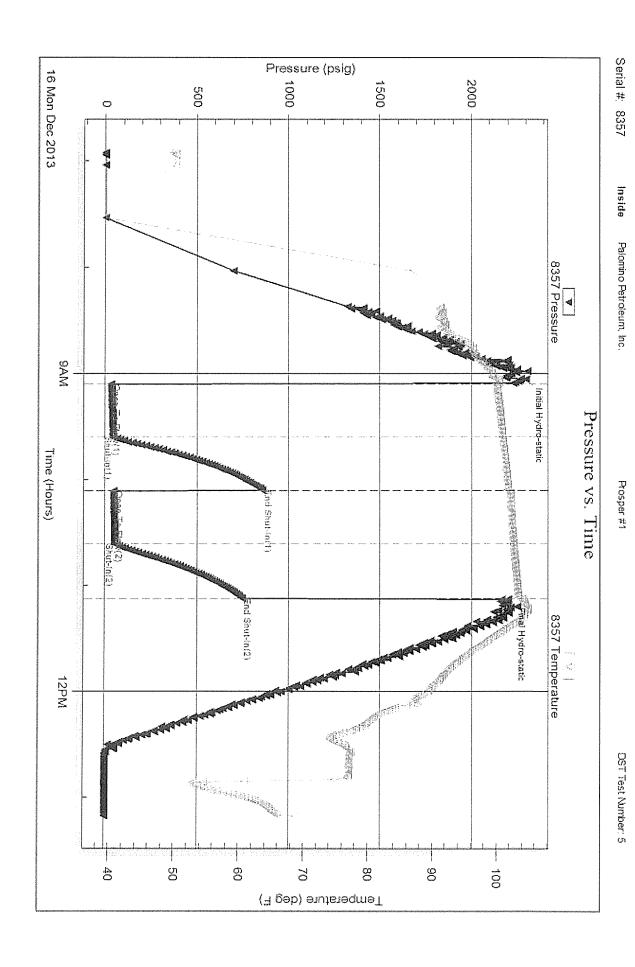
Laboratory Name:

Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

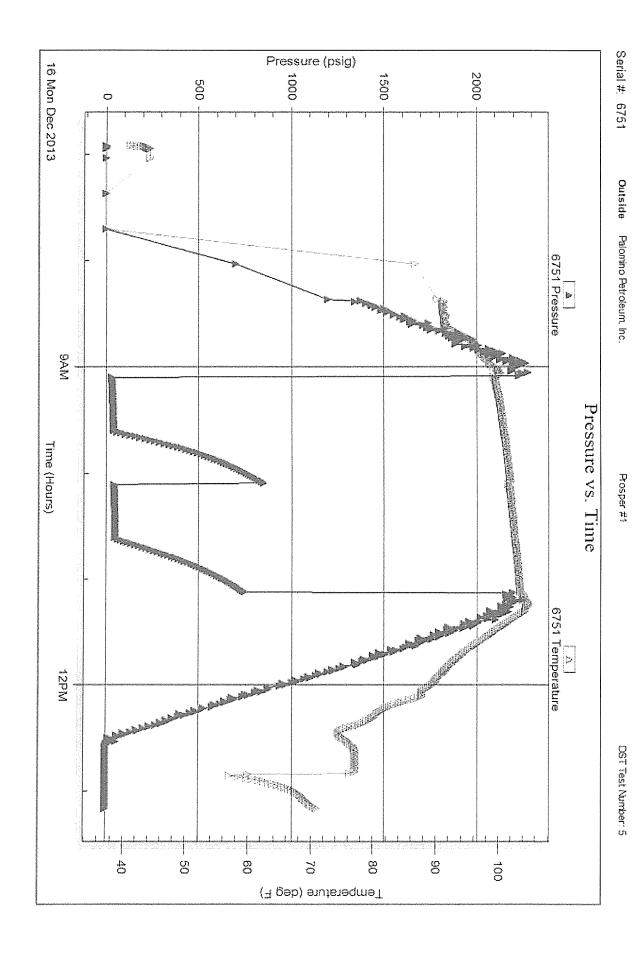
Ref. No: 55564



Tritobile Testing, Inc

Ref. No:

55564



Triobite Testing, Inc

Ref. No:

55564

Amted: 2013.12.17 @ 14:00:57



RILOBITE ESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

Well Name & No. Prospect	#/	Test No.	<u> </u>	Date <u>/ 2</u>	-/2-13	oranoganousquiscosimporana
Company Palomino Petro						GL
Address 4934 SE 84th					and and the state of the state	
Co. Rep / Geo. Ryan Seib		Rig <i>WU</i>	1#10			
Location: Sec. 15 Twp.	20s Rge. 31/w	co. <u>Sco</u>	4	State	: <u>Ks</u>	
Interval Tested 4/10 - 41.6	Zone Tested	<u> </u>	6-			
Anchor Length 44		3982		Mud Wt.	9.1	n, mikan Alminin inamangan an
Top Packer Depth 4/06	Drill Collars Rui	n <i>123</i>		Vis	.57	
Bottom Packer Depth 4//0	Wt. Pipe Run	0		WL	8.0	
Total Depth 4/54	Chlorides	600 pp	n System	LCM		hannandi communicações soume comm
Blow Description B.O.B.CO.6	min					Philippi (A) A Maria and a special and

	kmin			in and the second control of the second seco	- Charles of the contract of t	
Weak return	died @ 10 min					
Rec 90 Feet of 61M		%gas	%oil	15 %wa	iter <i>85</i>	%mu
Rec 124 Feet of MW		%gas	%oil	. <u>50</u> %wa	ter 50	%mu
Rec 496 Feet of <u>MW</u>	Loging Gas	%gas	%oil	90 %wa	ner <i>10</i>	%mu
Rec Feet of		%gas	%oil	%wa	iter	%mu
RecFeet of		%gas	%oil	%wa	iler	%mu
Rec Total //C BH		_ API RW <u>, 220</u>			,	ppr
(A) Initial Hydrostatic				Location		
(B) First Initial Flow			manife.	rted		manufacture of the second
(C) First Final Flow	Ø Safety Joint	75		en	,	n of the provide the following control of the size
(D) Initial Shut-In	A . A	NIC		ed		
(E) Second Initial Flow	199					7-Water and American
(F) Second Final Flow	3/4 🙀 Mileage 42,	RT 65.10		nents		
(G) Final Shut-In	// <u>b</u> ☐ Sampler					
(H) Final Hydrostatic 30	₹Ø ☐ Straddle			uined Shale Pa		***************************************
	🖄 Shale Packer_	250		uined Packer_		
Initial Open	🖸 Extra Packer			dra Copies		
Initial Shut-In 30				otal 0		
Final Flow						
Final Shut-In30			_ MP/C	ST Disc't		
_	Sub Total <u>1890</u>	.10	- / \ /	/		
Approved By		our Representative	Church	1 South		
Trilobite Testing Inc. shall not be liable for damaged of any equipment, or its statements or opinion concerning the re	kind of the property or personnel of the one for whor sults of any test, tools lost or damaged in the hole sha	m a test is made, or for any load to the made of the m	ss suffered or sus	tained, directly or indir	ectly, through the	use of its



RILOBITE ESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

1/10 / 9				v	
Well Name & No. Prospect =/		Test No	<u> </u>	Date <i> 2</i> 2-	13 / 3
Company Palamine Petroleum, Inc.		Elevation	3061	кв <i>3о</i> .	<u>56.</u> GL
Address 4924 SE 84Th St. Mente					
Co. Rep / Geo. Ryan Seib			U"/0		
Location: Sec	Rge3 <i>4</i>	co. <u>Sc</u>	ott	State	KS
Interval Tested 4/16/1 - 4/225	Zone Tested	LKC'H	~ <u>Z</u>		
Anchor Length 67	Drill Pipe Run	4013		Mud Wt.	9.1
Top Packer Depth 4/57	Drill Collars Run	123		Vis	47
Bottom Packer Depth 4/6/	Wt. Pipe Run	\mathcal{O}	Milesia Artin, francoscional Miles Miles Miles Miles Antono Artino,	WL	<u>8.0</u>
Total Depth 42.25	Chlorides	<i>6000</i> pr	om System	LCM	<u> 3" </u>
Blow Description B.O.B (D. 13 min.					
No return					
B.O.B @ 14min					
No setuin					
RecFeet of		%gas	%oil	%wate	er %mu
Rec 176 Feet of LVM	TO STAN A	%gas	%oil	40 %wate	er <i>(-()</i> %mu
Rec 4.34 Feet of MW Oil spot	sin tool	%gas	%oil	95 %wate	er 5 %mu
Rec Feet of		%gas	%oil	%wate	er %mu
RecFeet of		%gas	%oil	%wate	er %mu
Rec Total <u>6/0</u> BHT <u>//4</u>	Gravity A	PI RW <u>. 235</u>	@ 1 2_ °	F Chlorides _5	
(A) Initial Hydrostatic 2060				Location	
(B) First Initial Flow 38	☑ Jars250		T-Star	ted	?: <u>¿</u>
(C) First Final Flow	☑ Safety Joint7	5	and the same	n	
(D) Initial Shut-In /046	Circ Sub	NIC	T-Pull	ed6	
(E) Second Initial Flow	☐ Hourly Standby		T-Out	<u> </u>	:14
(F) Second Final Flow	☑ Mileage <u>4227</u>	65.10	Comn	nents	
(G) Final Shut-In	☐ Sampler				down-con-restanding-front bit following-restance of the second se
(H) Final Hydrostatic 2031	☐ Straddle		Management of the Control of the Con	doed Chala Dad	
	☑ Shale Packer 25				e 1
Initial Open <i>30</i>	☐ Extra Packer				
Initial Shut-In 30	☐ Extra Recorder				monorani makang palabahanan Pilang - Karpah (MARINI Makang pagpapan kananan
Final Flow3a	☐ Day Standby			1890.10	The Principle of the Control of the
Final Shut-In 30	☐ Accessibility			ST Disc't	
	Sub Total 1890.10				
Approved By / LO	Our R	tepresentative_	Chuc	le Amith	



RILOBITE ESTING INC. 1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

Well Name & No	Prosper #1		Test No	3	Date	12-14-13	************
Company Palo	nino Perroleum, Inc		Elevation	3061	КВ	<i>3056</i>	GL
II.	1.5F 8474 ST. Newro				and the second s	elitation miles segge <u>en a segmentation</u> leb serve vert von 100 vol in behalte <mark>behalte de gene</mark> t met menter	No paid think (profiles the American Standards)
	Ryan Seih			V=10			in the constitution of the
Location: Sec.	15 Twp. 20s	Age. <u></u>	_co. <u></u> c	ott	s	itate <u>KS</u>	
	4326-4433						
	107			, ,		9.2	
	4322		•			ŕ	
	4326						
	7433						
	B.O.B. @ 18min					erenten over et i de die de la della d	
	No return					H-110-110-110-110-110-110-110-110-110-11	
•	B.O.B. @ 20 min				y amingala-disiona dia disiona <u>any amin'</u> ny fivondronan'i Ariana.		
	Vo cetura			company parameter (no. 1977 - No. 1974 - Tap Antonio Control (1974 - 1974 - 1974 - 1974 - 1974 - 1974 - 1974 -	autobri kraliski roma (kili na mmakomiki n orompakila usikkelori k	hide 1 - An talkin kalaman (1000 ham haji na majiman ni nanya manan na manan magana manan	
	Feet of <u>OSign</u>			%oil	10 9	6water 9/0	%muc
Rec <u>/8</u> 6	Feet of OSWM		%gas	%oil	45 9	کتک water)	~ %muc
Rec /24	Feet of OSMW		%gas	%oil	<i>80</i> %	6water 20	%muc
Rec	Feet of		%gas	%oil	9	6water	%muc
Rec	Feet of		%gas	%oil	o _j	6water	%muc
Rec Total	<u>о</u> внт <u>До</u> 7	Gravity	API RW <u>. 23</u> 2	<u> </u>	F Chlorides	3 700c	ppn
(A) Initial Hydrostatic_		☑ Test <u>1250</u>		T-On	Location	<u> </u>	ar
(B) First Initial Flow_	<i>3</i> ô	☑ Jars <u>250</u>		T-Sta	rted	3:00	
		Safety Joint	75			5:03	***************************************
(D) Initial Shut-In	1066	Circ Sub	N/C			7.06	
(E) Second Initial Flow	y <u>170</u>	☐ Hourly Standby _	V-1-7-00000-7-7-00000-7-0000-7-0000-7-0000-7-0000-7-0000-7-0000-7-0000-7-0000-7-0000-7-0000-7-0000-7-0000-7-00			9:20	~~~
(F) Second Final Flow	247	Ø Mileage <u>428</u>	T 65.10				
(G) Final Shut-In	1054	☐ Sampler	PANAMANIA NA SIA SIA SIA SIA SIA SIA SIA SIA SIA SI				
(H) Final Hydrostatic_	212/	☐ Straddle				Packer	
	~	☐ Shale Packer 2	50			r	
Initial Open	•	Extra Packer					
	30	☐ Extra Recorder _					
Final Flow	30	☐ Day Standby					
Final Shut-In	30	☐ Accessibility				there are destinated and the destination of the first state of the second state of the	
		Sub Total <u>1890.1</u>	10	-/3/2	. A		
Approved By	liable for damaged of any kind of the property		Representative_		k Im	th	ethili eth had autherine in etaanne



Rec Feet of _____

(A) Initial Hydrostatic 2249

(B) First Initial Flow 23

30 _____

Initial Open _____

Initial Shut-In

Final Flow _____

55500

%oil %water

T-On Location 22:15

☐ Extra Copies _____

Sub Total ____0

Test Ticket

4/10	1515 Commerce Parkway	Hays, Kansas 676	01		NO.	99;	J03 		
Well Name & No.	Prosper =1				4				,
Company Palo	mine Petroleum, Inc.		Eleva	ition	3061	KB_	<u> 305</u>	6	GL
Address	SE 84th St. NEWTO			and the second s	_		lida etilletet (400000), killida lida lida omande etile-o	-20-60	l
Co. Rep / Geo	Ryan Seih		Rig _	11/1	V=10		Prince de la constantina della	,	***************************************
Location: Sec	15 Twp. 205	_Rge34w	Co	<u> </u>	<i>**</i>		_State _<	<u> </u>	
Interval Tested	7456-4530	Zone Tested	Ma	cina to	4			an discount of the state of the	
	74		41	3.30		Mud WI		7.2	
Top Packer Depth	4452	Drill Collars Run		23		Vis	5 <u>5</u>	5	in the successification of the
Bottom Packer Depth	44.56	Wt. Pipe Run	Out of the second secon	0_	wanakama <u>kata amaran</u> a	WL		8	
Total Depth	45.30	Chlorides	6500	'pp	m System	LCM _	3		Note of Physical College Colonia Physical Street, according to
Blow Description	9" Blow					Marketine control of the state	V ⁺ 00 min magga ka 1 kalaja kang antara menang menang ka	Who has to the second s	
	Surface return			in do not describe a la constitución de la constitu		to a story and a story of the s	Victoria de la composição	W 600 mg and make the second of the consense	TO COMMUNICATION OF CONTRACT AND ADDRESS OF CONTRACT A
	<u> LBasanaan saanaan sa</u>	en jaron paramanan kan menerangan perangan perangan perangan penangan penangan penangan penangan penangan pena	the state of the s	CONTRACTOR AND A STATE OF THE S	The Company of Company of States of States of the Company of the C		enthronous company of supplementary (s) of supplementary (s)	20-4.360000 (Nonequerosas esc enderos	a Districtative minimizera egyteleter a some
	No retuco.						and the state of t	*************	for service warmens assumed in the con-
Rec	Feet of <u>GOCM</u>		10 %	gas	30 %oil		%water	60	%mud
Rec	Feet of <u>GMCO</u>		25 %	<u>jas</u>	50 %oil		%water	_x25	%mud
Rec(_/	Feet of GMCD		20 %	<u>jas</u>	60 %oil		%water	23	%mud
Rec	Feet of 104' Wrok 61	P	%!	gas	%oil		%water	·	%mud

(C) First Final Flow	57	Safety Joint 75	T-Open /://
(D) Initial Shut-In	566	Circ Sub <u>N/C</u>	T-Pulled 7 · / 7
(E) Second Initial Flow	59	Hourly Standby	T-Out 4:45
(F) Second Final Flow	73	Mileage 42RT 65.10	Comments
(G) Final Shut-In	797	☐ Sampler	
(H) Final Hydrostatic	2184	☐ Straddle	☐ Ruined Shale Packer
a		Shale Packer_250	☐ Ruined Packer

%gas

☑ Test 1250

250____

Rec Total ________ BHT <u>10.7</u> Gravity ______ API RW ______ ® _____°F Chlorides ______

🖄 Jars ____

Total 1890.10 ☐ Day Standby _____ Final Shut-In ______ 6D ☐ Accessibility _____ MP/DST Disc't Sub Total 1890.10 Our Representative Cherch Amirh Approved By //

☐ Extra Packer _____

☐ Extra Recorder _____

Tribuite Testing Inc. stall 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.



RILOBITE ESTING INC. 1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

	17 **	1		**************************************		, , , , , , , , , , , , , , , , , , ,				
Well Name & No.	/				Test No			-	2	
Company Falor						30cj	KB_	3056	GL	
Address <u>4924</u>	**		, K5 C	-7/14		тій тілімінетийтіль тійінтек тійіншегтік мастан техні так та транцууду			TO CONTROL OF THE CON	
/										
Location: Sec.	/5 Twp.	205	Rge	39w	Co	COST		State K	5	
Interval Tested	75276-47	<u> </u>	Zor	ne Tested	Pawner	- Fr. Scott				
Anchor Length	224		Dril	l Pipe Run	4391	de la companiente del companiente de la companiente del companiente de la companient	Mud Wt.	9.3		
Top Packer Depth	<u>4522</u>		Dril	l Collars Run	123		Vis	.50		
Bottom Packer Depth_	4.526	and the same than the same the same than the	Wt.	Pipe Run	0	planet description (s) = 1 - y accommons y activity (s) planet (s) property (s)	WL.	8.8	TO THE SECOND SE	
Total Depth	47.50	innonno den amanen en armanen inden inden antana en antana en antana en antana en antana en antana en antana e	Chl	orides	<i></i>	pm System	LCM	i-f #	annie Staderico de la discolario e copo e più altrico i contributo e refregionale.	
Blow Description	1" Blow.				na anakan manangan manangan manangan na akah sa manangan sa kalangan sa mala manangan sa mala manangan sa mala					
	6 cetura									
	Ulface blow.	n a del el repetito per como de sur residente del consideramento del como de como de como de como de como de c	EPPhysical declar (APA-condition)	to not the state of the state o				e referenciare referenciamente al apopular suprementario de suprementario de l'Arcello de l'Arcello de l'Arcello	40° villation and the Charles State of Market State of St	
	6 setun		Marie Constitution Constitution (Marie Constitution Const			**************************************				
Rec	Feet of	w\ 			%gas	%oil_		%water	%mud	
Rec	Feet of				%gas	%oil		%water /	∠	
Rec	Feet of			que y e un h y h Vigor has hairead d'agricon haireaga en haireagail de despuissant	%gas	%oil	····	%water	%mud	
Rec	Feet of	acro any year and a state of the state of th	WHITE AND MINISTER OF THE CO.	a to the house special states or the company of the state of the states	%gas	%oil_		%water	%mud	
Rec	Feet of		······································	enne anners, andre a intelligible d'had chade a bahan 1960 hij alanja (a bhaile Callin	%gas	%oil	**************************************	%water	%mud	
Rec Total 63		,	Gravity		API RW	@a	F Chlorid	es	ppm	
(A) Initial Hydrostatic_			XI Tes	t 1250				<u></u>		
(B) First Initial Flow			🕽 Jar	s <u>250</u>				<u> </u>		
(C) First Final Flow		43	Ø Sal	ety Joint 7	5	total and				
(D) Initial Shut-In			⊠ Circ	Sub	NIC_					
(E) Second Initial Flow		46	☐ Hou	urly Standby _				onencentario hamilia de considera de la decensida de la decens		
(F) Second Final Flow			Ø Mile	eage <u>42.87</u>	「 <i>Xス</i> 130.2			164.4		
(G) Final Shut-In			☐ Sar	npler						
(H) Final Hydrostatic		20/	☐ Stra	nddle				le Packer		
			Shale Packer 250			O R	☐ Ruined Packer			
Initial Open30			☐ Extra Packer			_ O E	☐ Extra Copies			
Initial Shut-In 30			☐ Ext	☐ Extra Recorder			Sub Total 0			
Final Flow 30			☐ Day Standby			Total_	Total 1955.20			
Final Shut-In 30			☐ Accessibility			MP/D	MP/DST Disc't			
			Sub To	tal <u>1955.2</u>	20		, /	<i>y</i> .		
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