KOLAR Document ID: 1411562

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	SecTwpS. R □East □ West
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 #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Leading of field Paragraph Charles and Market
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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 ☐ Drill Stem Tests Received				
Geologist Report / Mud Logs Received				
UIC Distribution				
ALT I II Approved by: Date:				

KOLAR Document ID: 1411562

Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool erature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia Percent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole		Dually		nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECORD: Size: Set					Packer At:					

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	WHITHAM-MILLER 1
Doc ID	1411562

All Electric Logs Run

Dual Induction
Sonic
Micro
Litho Density
Borehole Compensated

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	WHITHAM-MILLER 1
Doc ID	1411562

Tops

Name	Тор	Datum
Anhy.	2547	(+ 734)
Base Anhy.	2567	(+ 714)
Tarkio	3646	(- 365)
Topeka	3767	(- 486)
Heebner	4000	(- 719)
Toronto	4018	(- 737)
Lansing	4049	(- 768)
Muncie Creek	4216	(- 935)
Stark	4311	(-1030)
BKC	4395	(-1114)
Marmaton	4450	(-1169)
Pawnee	4537	(-1256)
Ft. Scott	4590	(-1309)
Cherokee Sh.	4616	(-1335)
Miss.	4831	(-1550)
LTD	5002	(-1721)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	WHITHAM-MILLER 1
Doc ID	1411562

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.250	8.625	23	260	Common	2% gel, 3% c.c.

GLOBAL OIL FIELD SERVICES, LLC

24 S. Lincoln

785-445-3525

785-445-3526

RUSSELL, KS 67665

RECEIVED

Invoice

JUN 01 2018

Date	Invoice #
5/29/2018	3342

Bill To

PALOMINO PETROLEUM INC
4924 SE 84TH ST
NEWTON,KS 67114

P.O. No.	Terms	Project
MILLER WHITHA	Due on receipt	

Quantity	Description	Rate	Amount
7 4	60/40 POZMIX CEMENT CALCIUM-CHLORIDE BENTONITE GEL HANDLING BULK MILEAGE		13.75 2,681.25 80.00 560.00 30.00 120.00 1.90 391.40 550.00 550.00
45 45	HEAVY EQUIPMENT. ONE WAY LMV- ONE WAY	8	850.00 850.00 6.50 292.50 2.75 123.75
	25% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE NESS CO SALES TAX	7	.50% 0.00
Therefore	1		
Thank you for your	one # Fax #	Total	\$5,568.90

GLOBAL OIL FIELD SERVICES, LLC 3342

REMIT TO

24 S. Lincoln Russell, KS 67665

SERVICE POINT;

	care that he polyte in the			
SEC. TWP. RANGE CALL	LED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 5-24-18 15 165 36W		Angelia angelia angelia a	COUNTY	STATE
LEASEN WELL# LOCATION 10 10 12 12	HI TO 10 PP)	East !	Wichita	KS
OLD OR NEW (CIRCLE ONE)	Po en secieto		ere inectron di	di diw bainan atau
1 10 11 0	0	. /	2	
CONTRACTOR WWD Filling Rig #10	OWNER / 9	lamina /	Ctolieum	is or Ready Years
TYPE OF JOB Surface	peone equency			
HOLE SIZE 1236 T.D.	CEMENT	tal.	1 -1 11	10 3% (6
CASING SIZE 4 1/4 DEPTH 2 60'	AMOUNT ORD	ERED_ / 7 9 3	x 60/3	10 1666
TUBING SIZE DEPTH	2 % Gel	EU CEACHAIGH CHOMA		N. G. A. Ary Layer
DRILL PIPE DEPTH	CHARLEST EN AN AN			per la companyació con c
TOOL DEPTH PRES. MAX MINIMUM	Tanio Loco or De		O CO DOLLE	
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PERFS	GELCHLORIDE	Oxid Kallarana ad	@	na trackor o, pulling
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EQUIPMENT	ASC		@	
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# 407 HELPER TOSCO			@	
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BULK TRUCK			@	11/2/19
# DRIVER		- :890	@	EMORECONED BOR
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STREET	PUMP TRUCK C EXTRA FOOTAC MILEAGE	HARGE	@	S warrante all med
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Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and	PUMP TRUCK C EXTRA FOOTAC MILEAGE	HARGE	@	S warrante all med
Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and	PUMP TRUCK C EXTRA FOOTAC MILEAGE	HARGE	@	S warrante all med
Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction	PUMP TRUCK C EXTRA FOOTAC MILEAGE	HARGE	@	S warrante all men
Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and	PUMP TRUCK C EXTRA FOOTAC MILEAGE	HARGE	@ @ TOTA AT EQUIPME @ @ @ @ @ @ @ @ @	NT
Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS"	PUMP TRUCK C EXTRA FOOTAC MILEAGE	HARGE	@	NT
Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CO EXTRA FOOTACO MILEAGE MANIFOLD	HARGE BE PLUG & FLOA	@ @ TOTA AT EQUIPME @ @ @ @ @ @ @ @ @	NT
Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS"	PUMP TRUCK CO EXTRA FOOTACO MILEAGE MANIFOLD SALES TAX (If A	PLUG & FLOA	@ @ TOTA AT EQUIPME @ @ @ @ @ @ @ @ @	Albanisa in mas
Global Oil Field Services, LLC You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	PUMP TRUCK CO EXTRA FOOTACO MILEAGE MANIFOLD	PLUG & FLOA	@ @ TOTA AT EQUIPME @ @ @ @ @ @ @ @ @	NT



JUN 1 1 2018



QUALITY OILWELL CEMENTING, INC. PO BOX 32 - 740 WEST WICHITA AVE, RUSSELL KS 67665 PHONE:785-324-1041 FAX:785-483-1087 EMAIL: cementing@ruraltel.net

Date: 6/4/2018 Invoice # 834

P.O.#:

Due Date: 7/4/2018 Division: Russell

Invoice

Contact:

Palomino Petroleum Inc Address/Job Location:

4924 SE 84th Newton Ks 67114

Reference:

WHITMAN MILLER 1 SEC 15-16-36

Description of Work:

PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 641.27	Yes				
Common-Class A	168	\$ 2,487.45	Yes				1
POZ Mix-Standard	112	\$ 563.50	Yes				Í
Premium Gel (Bentonite)	10	\$ 208.44	Yes				1
Bulk Truck Matl-Material Service Charge	290	\$ 208.44	Yes				ı
Pump Truck Mileage-Job to Nearest Camp	62	\$ 200.53	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	62	\$ 155.97	Yes				

Invoice Terms:		SubTotal:	\$ 4,573.41
Net 30	Discount Available <u>ONLY</u> if Invoice within list	is Paid & Received ed terms of invoice:	\$ (114.34)
	SubT	otal for Taxable Items:	\$ 4,459.07
	SubTotal	for Non-Taxable Items:	\$ -
		Total:	\$ 4,459.07
	8.15% Wichita County Sales Tax	Tax:	\$ 363.41
Thank You For Your Business!		Amount Due:	\$ 4,822.48
	A	Applied Payments:	

107.81 Yes

Balance Due: \$

4,822.48

Past Due Invoices are subject to a service charge (annual rate of 24%) This does not include any applicable taxes unless it is listed. ©2008-2013 Straker Investments, LLC. All rights reserved.

Flo Seal

QUALITY CILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025 Cell 785-324-1041 Home Office P.O. Box 32 Russell, KS 67665

No. 834

		T	B	Τ,	5 · · · · t · ·	AL - 1 -	T 0. 1	
Date / . 4-18	Sec.	Twp.	Range		County としごうな	State K. S	On Location	Finish // OO from
	L.J. ****	.l <u>*</u>		Location	on Lasti	ION DRO	40 140 1	Z), to
Lease Whithwer	L- M.	1)20	Well No.		Owner		•	
Contractor WW #10	2				To Quality Oi	Iwell Cementing, Inc		at and furnish
Type Job Rotan Pl	Vs.				cementer and	d helper to assist ow	cementing equipmer ner or contractor to d	o work as listed.
Hole Size 7/8		T.D.	1999		Charge /	alomino A	etroleum	
Csg.		Depth			Street			
Tbg. Size		Depth			City	4004	State	
Tool	·	Depth			The above wa	s done to satisfaction a	nd supervision of owne	r agent or contractor.
Cement Left in Csg.		Shoe J	oint		Cement Amo	ount Ordered 280	169/40 41. CEZ	144010
Meas Line		Displac	е			/		
	EQUIPM	JENT	·		Common /	<u> 18</u>		
Pumptrk 20 No. Ceme	r //	<u> </u>			Poz. Mix	112		
Bulktrk No. Driver					Gel.	2		
Bulktrk /5 No. Driver		ZIC			Calcium			
JOB SE	RVICES	& REMA	RKS		Hulls			
Remarks:					Salt			
Rat Hole 3051K					Flowseal 7	5#		-
Mouse Hole					Kol-Seal			
Centralizers		······································			Mud CLR 48			
Baskets					CFL-117 or 0	D110 CAF 38		
D/V or Port Collar					Sand			
150 2580	50	15K			Handling 2	90		
0 1630	800	74			Mileage			
34 840	50)	<u>/_</u>				FLOAT EQUIPM	ENT	d .
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54 60	BOSIC				Centralizer			
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201-1-201					Mileage 2	20 (
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							Discount	
Signaluter hotor							Total Charge	



Prepared For:

Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

15-16S-36W Wichita,KS

Start Date: 2018.05.28 @ 14:36:34

End Date:

2018.05.28 @ 21:16:04

Job Ticket #: 63442

DST#: 1

Trilobite Testing, Inc.

1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum, Inc.

4924 SE 84th St. New ton, KS 67114

ATTN: Ryan Seib

15-16S-36W Wichita, KS

Whitham-Miller #1

Job Ticket: 63442

DST#: 1

Test Start: 2018.05.28 @ 14:36:34

GENERAL INFORMATION:

Formation:

Topeka

Deviated:

No Whipstock: ft (KB)

Time Tool Opened: 16:40:04 Time Test Ended: 21:16:04

Interval:

3804.00 ft (KB) To 3960.00 ft (KB) (TVD)

Total Depth:

3960.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Test Type:

Conventional Bottom Hole (Initial)

Tester:

Brannan Lonsdale

Unit No:

Reference Elevations:

3281.00 ft (KB)

3276.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6753 Press@RunDepth:

Outside

473.06 psig @

3956.00 ft (KB)

2018.05.28

Capacity:

8000.00 psig

Start Date: Start Time: 2018.05.28 14:36:39 End Date: End Time:

21:16:03

Last Calib .:

2018.05.28

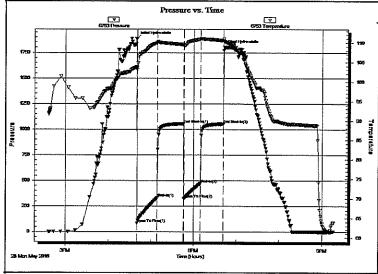
Time On Btm: Time Off Btm: 2018.05.28 @ 16:39:34 2018.05.28 @ 18:43:04

TEST COMMENT: 30- IF- BOB 4 mins (62")

30- ISI- No blow

30- FF- BOB 5 mins (48")

30- FSI- No blow



PRESSURE SUMMARY

Ŧ							
T	Time	Pressure	Temp	Annotation			
ı	(Min.)	(psig)	(deg F)				
İ	0	1883.83	103.50	Initial Hydro-static			
	1	85.72	103.06	Open To Flow (1)			
l	29	333.20	110.01	Shut-ln(1)			
	66	1054.11	109.51	End Shut-In(1)			
l	67	323.27	109.24	Open To Flow (2)			
	90	473.06	110.93	Shut-In(2)			
	122	1052.34	110.51	End Shut-In(2)			
l	124	1800.79	110.27	Final Hydro-static			
		:					
l							
				;			

Recovery

Length (ft)	Description	Volume (bbl)
951.00	MW, 30%M 70%W	12.35
·····		

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 63442



Palomino Petroleum, Inc.

4924 SE 84th St. New ton, KS 67114

Job Ticket: 63442

Whitham-Miller #1

DST#: 1

ATTN: Ryan Seib

Test Start: 2018.05.28 @ 14:36:34

15-16S-36W Wichita, KS

GENERAL INFORMATION:

Formation:

Topeka

Deviated:

No

Whipstock:

ft (KB)

Time Tool Opened: 16:40:04 Time Test Ended: 21:16:04

Interval:

3804.00 ft (KB) To 3960.00 ft (KB) (TVD)

Total Depth:

3960.00 ft (KB) (TVD)

Inside

Hole Diameter:

7.88 inches Hole Condition: Fair

Tester:

Test Type: Conventional Bottom Hole (Initial)

Brannan Lonsdale

Unit No:

Reference Elevations:

3281.00 ft (KB)

3276.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6771

Press@RunDepth:

psig @

3828.00 ft (KB)

2018.05.28

Capacity: Last Calib .: 8000.00 psig

2018.05.28

Time On Btm:

Start Date: Start Time:

2018.05.28 14:36:37

End Date: End Time:

21:16:12

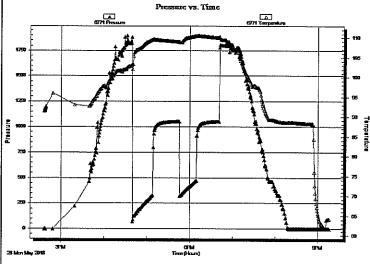
Time Off Btm;

TEST COMMENT: 30- IF- BOB 4 mins (62")

30- ISI- No blow

30- FF- BOB 5 mins (48")

30- FSI- No blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbi)
951.00	MW, 30%M 70%W	12.35

Gas Rates

Į	Unoke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63442



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

Whitham-Miller #1 Job Ticket: 63442

DST#: 1

TOOL DIAGRAM

ATTN: Ryan Seib

Test Start: 2018.05.28 @ 14:36:34

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 3678.00 ft Diameter:

3.82 inches Volume: inches Volume:

52.14 bbl - bbl Tool Weight:

2500.00 lb

Drill Collar:

Length:

ft Diameter: 122.00 ft Diameter:

2.25 inches Volume:

0.60 bb!

Weight to Pull Loose: 88000.00 lb

Weight set on Packer: 25000.00 lb

Drill Pipe Above KB:

24.00 ft

Total Volume: ldd - Tool Chased

0.00 ft

Depth to Top Packer:

3804.00 ft ft

String Weight: Initial 70000.00 lb

Depth to Bottom Packer: Interval between Packers: 156.00 ft

Final 75000.00 lb

Tool Length: Number of Packers: 184.00 ft 2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3777.00		
Shut In Tool	5.00			3782.00		
Hydraulic tool	5.00			3787.00		
Jars	5.00			3792.00		
Safety Joint	3.00			3795.00		
Packer	5.00			3800.00	28.00	Bottom Of Top Packer
Packer	4.00			3804.00		
Stubb	1.00			3805.00		
Perforations	23.00			3828.00		
Recorder	0.00	6771	Inside	3828.00		
Change Over Sub	1.00			3829.00		
Drill Pipe	127.00			3956.00		
Recorder	0.00	6753	Outside	3956.00		
Change Over Sub	1.00			3957.00		
Bulinose	3.00			3960.00	156.00	Bottom Packers & Anchor

Total Tool Length:

184.00

Trilobite Testing, Inc.

Ref. No: 63442



FLUID SUMMARY

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

Whitham-Miller #1

Job Ticket: 63442

DST#: 1

ATTN: Ryan Seib

Test Start: 2018.05.28 @ 14:36:34

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

deg API

Mud Weight:

Cushion Length: Cushion Volume: Water Salinity:

56000 ppm

Viscosity: Water Loss: Resistivity:

50.00 sec/qt 7.18 in³

ohm.m

Gas Cushion Type:

ft bbl

Gas Cushion Pressure:

psig

Salinity: Filter Cake: 4000.00 ppm inches

Recovery Information

Recovery Table

	Length ft	Description	Volume bbl
Į	951.00	MW, 30%M 70%W	12.351

Total Length:

951.00 ft

Total Volume:

12.351 bbl

Num Fluid Samples: 0

Num Gas Bombs:

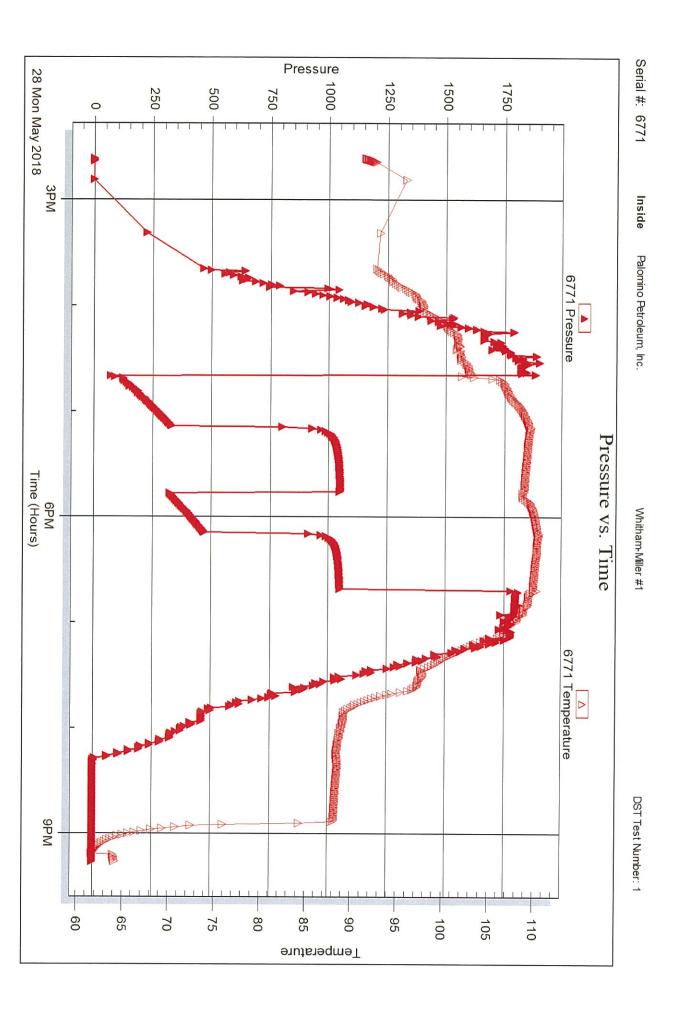
Serial #:

Printed: 2018.06.04 @ 15:58:16

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .12@69deg





Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

15-16S-36W Wichita,KS

Start Date: 2018.05.29 @ 11:36:00 End Date: 2018.05.29 @ 18:43:00 Job Ticket #: 63443 DST #: 2

Trilobite Testing, Inc.

1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1

Job Ticket: 63443

DST#: 2

ATTN: Ryan Seib

Test Start: 2018.05.29 @ 11:36:00

GENERAL INFORMATION:

Time Tool Opened: 14:46:00

Formation:

LKC "A-C"

Deviated:

No Whipstock:

ft (KB)

Tester:

Test Type: Conventional Bottom Hole (Reset)

Unit No: 73

Brannan Lonsdale

Time Test Ended: 18:43:00

Interval: Total Depth: 4036.00 ft (KB) To 4100.00 ft (KB) (TVD) 4100.00 ft (KB) (TVD)

Reference Elevations:

3281.00 ft (KB)

3276.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 6753 Press@RunDepth: Outside

263.99 psig @

4096.00 ft (KB)

Capacity: 2018.05.29

8000.00 psig

Start Date: Start Time: 2018.05.29 11:36:05 End Date: End Time:

18:42:59

Last Calib.: 2018.05.29 Time On Btm: 2018.05.29 @ 14:45:30

Time Off Btm:

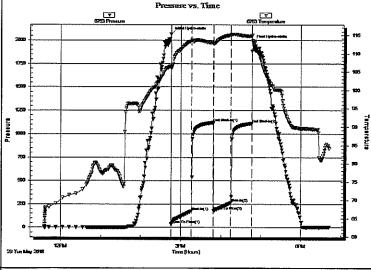
2018.05.29 @ 16:47:30

TEST COMMENT: 30- IF- BOB 7 mins (25")

30- ISI- No blow

30- FF- BOB 15 mins (20")

30- FSI- No blow



	PRESSURE SUMMARY							
Ĭ	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	2066.26	106.49	Initial Hydro-static				
	1	32.63	106.03	Open To Flow (1)				
	31	174.03	113.38	Shut-In(1)				
	63	1119.92	112.90	End Shut-In(1)				
- I	64	176.82	112.63	Open To Flow (2)				
Temperatura	90	263.99	115.06	Shut-In(2)				
2	121	1110.71	114.70	End Shut-In(2)				
	122	1977.35	113.45	Final Hydro-static				
Ì								
1								

Recovery

Description	Volume (bbl)
MW, 35%M 65%W	6.74
	:

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

Trilobite Testing, Inc.

Ref. No: 63443



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

Job Ticket: 63443

DST#: 2

Test Start: 2018.05,29 @ 11:36:00

GENERAL INFORMATION:

Time Tool Opened: 14:46:00

Time Test Ended: 18:43:00

Formation:

LKC "A-C"

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brannan Lonsdale

Unit No:

73

Reference Elevations:

4036.00 ft (KB) To 4100.00 ft (KB) (TVD)

Interval: Total Depth: Hole Diameter:

4100.00 ft (KB) (TVD)

3281.00 ft (KB) 3276.00 ft (CF)

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 6771

Inside

Press@RunDepth:

psig @ 2018.05.29

4063.00 ft (KB)

2018.05.29

Capacity: Last Calib.: 8000.00 psig

Start Date:

End Date:

Time On Btm:

2018.05.29

Start Time:

11:36:51

End Time:

18:43:26

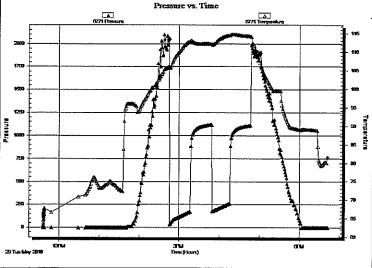
Time Off Btm:

TEST COMMENT: 30- IF- BOB 7 mins (25")

30- ISI- No blow

30- FF- BOB 15 mins (20")

30- FSI- No blow



PRESSURE SUMMARY

-				
	Time	Pressure	Temp	Annotation
•	(Min.)	(psig)	(deg F)	
)				
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me,				
TemperatureT				
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Recovery

Length (ft)	Description	Volume (bbl)
555.00	MW, 35%M 65%W	6.74
* Recovery from r	sultina toste	

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63443



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

Whitham-Miller #1

Job Ticket: 63443

DST#: 2

ATTN: Ryan Seib

Test Start: 2018.05.29 @ 11:36:00

Tool Information

Drill Pipe:

Length: 3901.00 ft Diameter:

3.82 inches Volume:

55.30 bbl

Tool Weight:

2500.00 lb

Heavy Wt. Pipe: Length:

ft Diameter:

inches Volume:

- bbl

Weight set on Packer: 25000.00 lb

Drill Collar:

Length:

122.00 ft Diameter:

2.25 inches Volume: Total Volume:

0.60 bbl - bbl Weight to Pull Loose: 83000.00 lb

Tool Chased

0.00 ft

Depth to Top Packer: Depth to Bottom Packer:

4036.00 ft ft

15.00 ft

String Weight: Initial 72000.00 lb Final 74000.00 lb

Interval between Packers: Tool Length: Number of Packers:

Drill Pipe Above KB:

64.00 ft 92.00 ft

2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4009.00		
Shut in Tool	5.00			4014.00		
Hydraulic tool	5.00			4019.00		
Jars	5.00			4024.00		
Safety Joint	3.00			4027.00		
Packer	5.00			4032.00	28.00	Bottom Of Top Packer
Packer	4.00			4036.00		
Stubb	1.00			4037.00		
Perforations	26.00			4063.00		
Recorder	0.00	6771	Inside	4063.00		
Change Over Sub	1.00			4064.00		
Drill Pipe	32.00			4096.00		
Recorder	0.00	6753	Outside	4096.00		
Change Over Sub	1.00			4097.00		
Bullnose	3.00			4100.00	64.00	Bottom Packers & Anchor
T-4-1 T11						

Total Tool Length:

92.00

Trilobite Testing, Inc.

Ref. No: 63443



FLUID SUMMARY

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63443

DST#: 2

ATTN: Ryan Seib

Test Start: 2018.05.29 @ 11:36:00

Oil API:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Viscosity: Water Loss: Resistivity:

Mud Weight:

50.00 sec/qt 7.98 in³

Salinity: Filter Cake:

ohm.m 5000.00 ppm

inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Water Salinity:

55000 ppm

deg API

psig

ft

bbl

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
555.00	MW, 35%M 65%W	6.738

Total Length:

555.00 ft

Total Volume:

6.738 bbl

Num Fluid Samples: 0

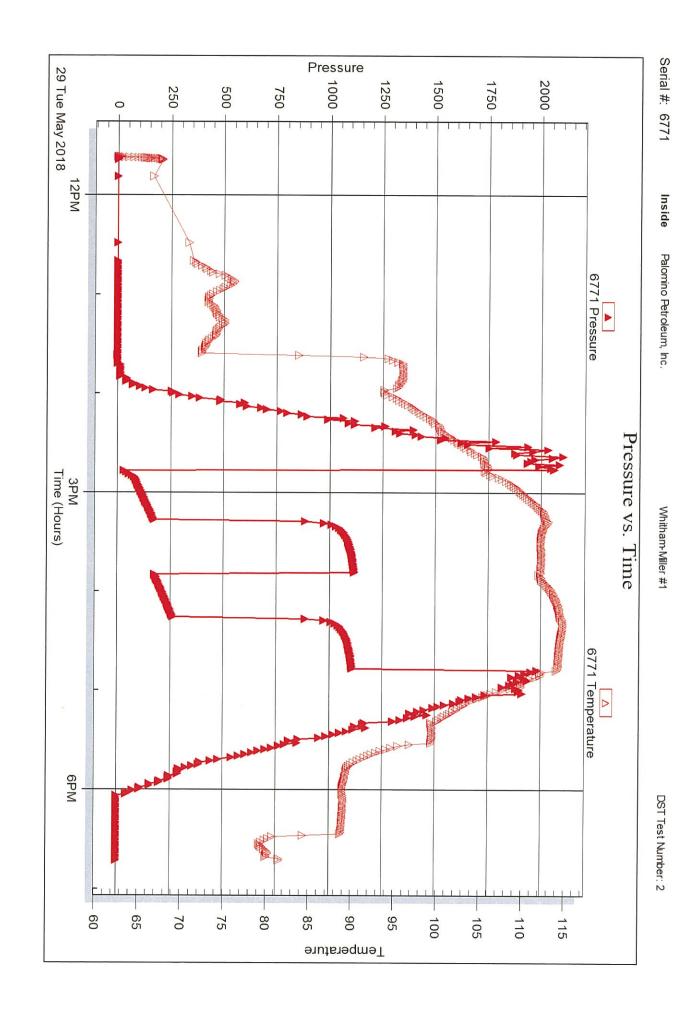
Num Gas Bombs:

Serial #:

Laboratory Name: Laboratory Location: Recovery Comments: RW: .12@70deg

Trilobite Testing, Inc.

Ref. No: 63443



Trilobite Testing, Inc

Ref. No: 63443



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

15-16S-36W Wichita,KS

Start Date: 2018.05.30 @ 13:20:13 End Date: 2018.05.30 @ 18:39:43 Job Ticket #: 63444 DST #: 3

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



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63444

DST#: 3

ATTN: Ryan Seib

Test Start: 2018.05.30 @ 13:20:13

GENERAL INFORMATION:

Formation:

LKC "H - I"

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset) Tester: Brannan Lonsdale

PRESSURE SUMMARY

Time Tool Opened: 14:58:13 Time Test Ended: 18:39:43

Unit No:

73

Interval:

4205.00 ft (KB) To 4277.00 ft (KB) (TVD)

Reference Elevations:

3281.00 ft (KB)

Total Depth:

4277.00 ft (KB) (TVD)

3276.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 6753 Press@RunDepth: Outside

41.16 psig @

4273.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2018.05.30

End Date:

2018.05.30 18:39:42 Last Calib.: Time On Btm: 2018.05.30

Start Time:

13:20:18

End Time:

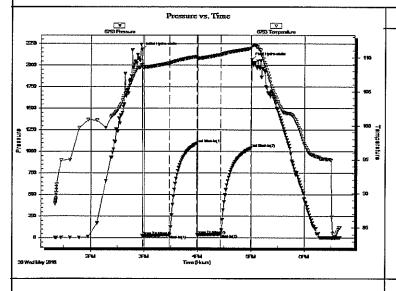
2018.05.30 @ 14:57:43

Time Off Btm:

2018.05.30 @ 17:00:43

TEST COMMENT: 30- IF- Slow ly built to .5"

30- ISI- No blow 30- FF- No blow 30- FSI- No blow



Time	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	2179.18	108.94	Initial Hydro-static
1	23.28	108.51	Open To Flow (1)
31	32.06	109.16	Shut-In(1)
61	1093.59	110.13	End Shut-In(1)
62	34.60	109.83	Open To Flow (2)
88	41.16	110.40	Shut-In(2)
122	1039.57	111.34	End Shut-In(2)
123	2065.51	111.79	Final Hydro-static

Recovery

Description	Volume (bbl)
М	0.15

Gas Rates

Choke (inches)

Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63444



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

Job Ticket: 63444

DST#: 3

Test Start: 2018.05.30 @ 13:20:13

GENERAL INFORMATION:

Time Tool Opened: 14:58:13

Time Test Ended: 18:39:43

Formation:

LKC "H - I"

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brannan Lonsdale

Unit No:

73

Reference Elevations:

3281.00 ft (KB)

KB to GR/CF:

3276.00 ft (CF) 5.00 ft

Interval: Total Depth: 4205.00 ft (KB) To 4277.00 ft (KB) (TVD)

4277.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 6771

Inside

Press@RunDepth:

psig @ 2018.05.30

4209.00 ft (KB)

End Date:

2018.05.30

Capacity: Last Calib.:

8000.00 psig 2018.05.30

Start Date: Start Time:

13:20:09

End Time:

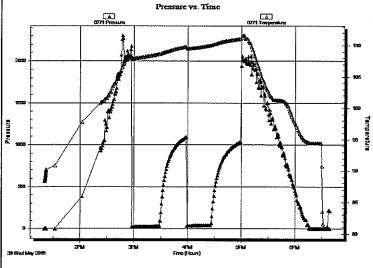
18:39:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 30- IF- Slow Iv built to .5"

30- ISI- No blow 30- FF- No blow 30- FSI- No blow



	PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
- 1								
unteretuel								
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		:						

Recovery Description Length (ft) Volume (bbl) 30.00 Μ 0.15 Recovery from multiple tests

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

Trilobite Testing, Inc.

Ref. No: 63444



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

Whitham-Miller #1 Job Ticket: 63444

DST#: 3

ATTN: Ryan Seib

Test Start: 2018.05.30 @ 13:20:13

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4058.00 ft Diameter:

ft Diameter:

3.82 inches Volume:

57.52 bbl

Tool Weight:

2500.00 lb

Drill Collar:

Length:

122.00 ft Diameter:

inches Volume: 2.25 inches Volume:

- bbl 0.60 bbl Weight set on Packer: 25000.00 lb Weight to Pull Loose: 90000.00 lb

Total Volume: - bbl Tool Chased 0.00 ft

String Weight: Initial 74000.00 lb

3.00 ft

Depth to Top Packer: Depth to Bottom Packer:

Drill Pipe Above KB:

4205.00 ft ft 72.00 ft

Final 74000.00 lb

Interval between Packers: Tool Length:

100.00 ft 2

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			4178.00		
Shut in Tool	5.00			4183.00		
Hydraulic tool	5.00			4188.00		
Jars	5.00			4193.00		
Safety Joint	3.00			4196.00		
Packer	5.00			4201.00	28.00	Bottom Of Top Packer
Packer	4.00			4205.00		
Stubb	1.00			4206.00		
Perforations	3.00			4209.00		
Recorder	0.00	6771	Inside	4209.00		
Change Over Sub	1.00			4210.00		
Drill Pipe	63.00			4273.00		
Recorder	0.00	6753	Outside	4273.00		
Change Over Sub	1.00			4274.00		
Bullnose	3.00			4277.00	72.00	Bottom Packers & Anchor

Total Tool Length:

100.00

Trilobite Testing, Inc.

Ref. No: 63444



FLUID SUMMARY

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

Whitham-Miller #1 Job Ticket: 63444

DST#: 3

ATTN: Ryan Seib

Test Start: 2018.05.30 @ 13:20:13

Oil API:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

51.00 sec/qt

Water Loss: Resistivity:

Viscosity:

7.98 in^a

Salinity: Filter Cake: ohm.m

5100.00 ppm inches Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Water Salinity:

Printed: 2018.06.04 @ 15:57:37

deg API ppm

psig

ft

bbl

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M	0.148

Total Length:

30.00 ft

Total Volume:

0.148 bbl

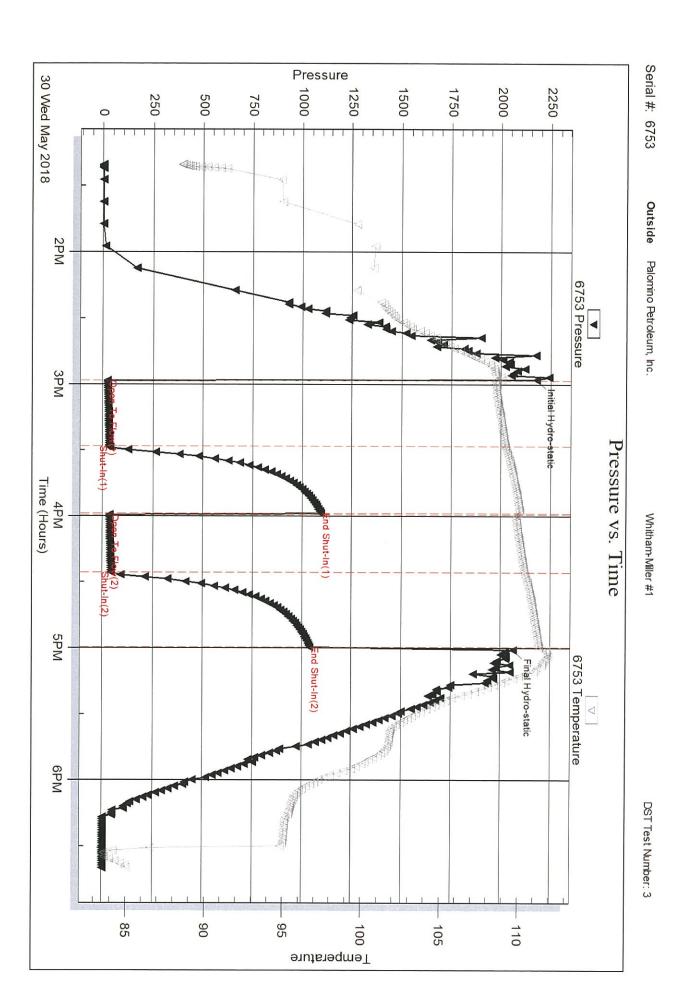
Num Fluid Samples: 0

Laboratory Name:

Recovery Comments:

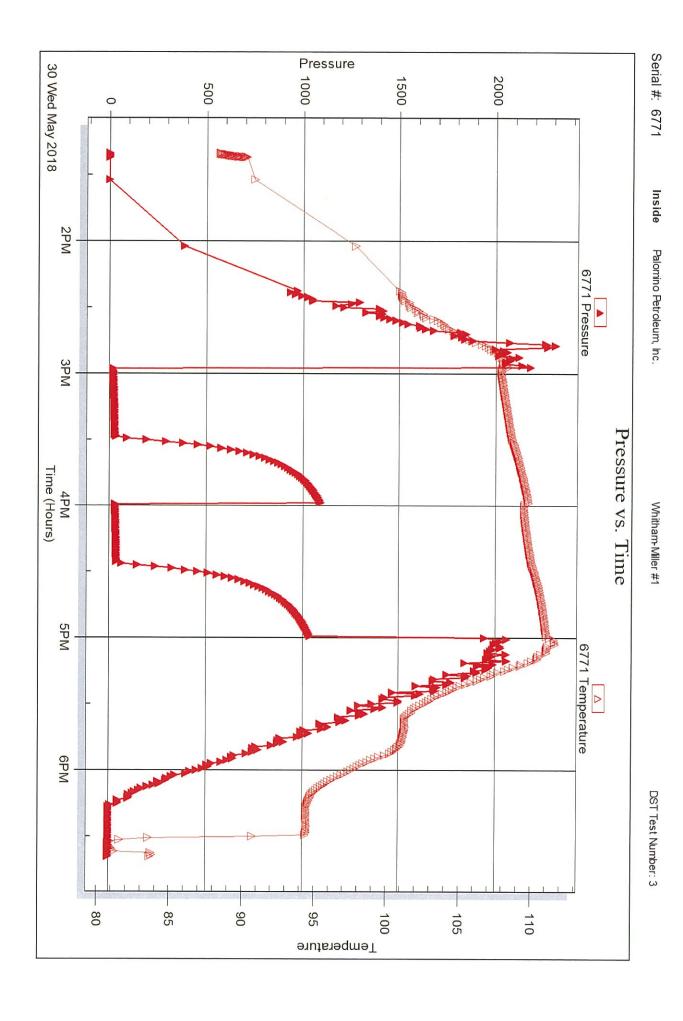
Num Gas Bombs: 0 Laboratory Location:

Serial #:



Trilobite Testing, Inc

Ref. No: 63444



Trilobite Testing, Inc

Ref. No: 63444



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

15-16S-36W Wichita,KS

Start Date: 2018.05.31 @ 21:28:06 End Date: 2018.06.01 @ 04:00:06 Job Ticket #: 63445 DST #: 4

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63445

DST#:4

ATTN: Ryan Seib

Test Start: 2018.05.31 @ 21:28:06

GENERAL INFORMATION:

Formation:

Marmaton

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 23:43:06

Brannan Lonsdale

Time Test Ended: 04:00:06

Unit No:

73

Interval:

4385.00 ft (KB) To 4536.00 ft (KB) (TVD)

Reference Elevations:

3281.00 ft (KB)

Total Depth:

4536.00 ft (KB) (TVD)

3276.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 6753 Press@RunDepth:

Outside

341.57 psig @

4532.00 ft (KB)

2018.06.01

Capacity: Last Calib.:

Tester:

8000.00 psig

Start Date: Start Time: 2018.05.31 21:28:11

End Date: End Time:

04:00:05

Time On Btm:

2018.06.01 2018.05.31 @ 23:42:06

Time Off Btm:

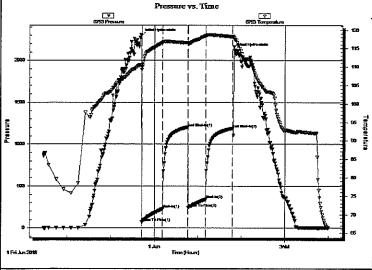
2018.06.01 @ 01:50:06

TEST COMMENT: 30- IF- BOB 6 mins (34")

30- ISI- No blow

30- FF- BOB 9 mins (23")

30- FSI- No blow



PRESSURE SUMMARY Time Annotation Pressure Temp (Min.) (deg F) (psig) 0 2297.43 110.46 Initial Hydro-static 67.55 1 110.03 Open To Flow (1) Shut-In(1) 30 229.56 116.60 64 1203.01 116.51 End Shut-In(1) 65 243.54 116,23 Open To Flow (2) 341.57 89 118.42 Shut-In(2) 126 1189.11 118.23 End Shut-In(2) 128 2122.55 117.41 Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
713.00	MW, 20%M 80%W	8.98
* Recovery from r	nultiple tests	

Choles (imphora)	Dranguan (main)	C D (

Trilobite Testing, Inc.

Ref. No: 63445



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63445

DST#:4

ATTN: Ryan Seib

Test Start: 2018.05.31 @ 21:28:06

GENERAL INFORMATION:

Time Tool Opened: 23:43:06

Time Test Ended: 04:00:06

Formation:

Marmaton

Deviated:

No

Whipstock:

ft (KB)

Test Type:

Conventional Bottom Hole (Reset)

Tester:

Brannan Lonsdale

Unit No:

73

Reference Elevations:

3281.00 ft (KB) 3276.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth: 4385.00 ft (KB) To 4536.00 ft (KB) (TVD) 4536.00 ft (KB) (TVD)

Inside

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 6771

Press@RunDepth:

psig @ 2018.05.31

4404.00 ft (KB)

End Date:

2018.06.01

Last Calib.:

Capacity: 8000.00 psig 2018.06.01

Start Date: Start Time:

21:28:26

End Time:

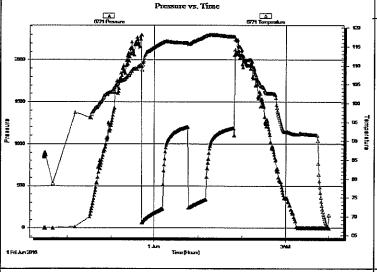
04:00:16

Time On Btm: Time Off Btm:

TEST COMMENT: 30- IF- BOB 6 mins (34")

30- ISI- No blow 30- FF- BOB 9 mins (23")

30- FSI- No blow



PRESSURE SUMMARY Pressure Temp Annotation

9	une	Pressure		Annotation	
5	(Min.)	(psig)	(deg F)		
5					
.					
Temperatura					
		·			
- 1					

Recovery

Length (ft)	Description	Volume (bbl)	
713.00	MW, 20%M 80%W	8.98	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 63445



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

Whitham-Miller #1 Job Ticket: 63445

DST#:4

ATTN: Ryan Seib

Test Start: 2018.05.31 @ 21:28:06

Tool Information

Drill Pipe:

Length: 4249.00 ft Diameter:

3.82 inches Volume:

60.23 bbl

Tool Weight:

2500.00 lb

Heavy Wt. Pipe: Length:

ft Diameter:

inches Volume:

- bbl

Weight set on Packer: 25000.00 lb

Drill Collar:

Length:

122.00 ft Diameter:

2.25 inches Volume: Total Volume:

0.60 bbl

Weight to Pull Loose: 86000.00 lb

Tool Chased - bbl

0.00 ft

String Weight: Initial

75000.00 lb

79000.00 lb Final

Drill Pipe Above KB:

Depth to Top Packer: Depth to Bottom Packer:

4385.00 ft ft

14.00 ft

Interval between Packers: 151.00 ft

Tool Length: Number of Packers: 179.00 ft 2

Diameter:

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4358.00		<u> </u>
Shut in Tool	5.00			4363.00		
Hydraulic tool	5.00			4368.00		
Jars	5.00			4373.00		
Safety Joint	3.00			4376.00		
Packer	5.00			4381.00	28.00	Bottom Of Top Packer
Packer	4.00			4385.00		
Stubb	1.00			4386.00		
Perforations	18.00			4404.00		
Recorder	0.00	6771	Inside	4404.00		
Change Over Sub	1.00			4405.00		
Drill Pipe	127.00			4532.00		
Recorder	0.00	6753	Outside	4532.00		
Change Over Sub	1.00			4533.00		
Bullnose	3.00			4536.00	151.00	Bottom Packers & Anchor

Total Tool Length:

179.00

Trilobite Testing, Inc.

Ref. No: 63445



FLUID SUMMARY

deg API

39000 ppm

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63445

DST#:4

ATTN: Ryan Seib

Test Start: 2018.05.31 @ 21:28:06

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal 46.00 sec/qt

Water Loss: Resistivity:

Mud Weight:

Viscosity:

7.98 in³ ohm.m 5200.00 ppm

Salinity: Filter Cake:

inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type: Gas Cushion Pressure: bbl

ft

psig

Recovery Information

Recovery Table

Length Description Volume bbl 713.00 MW, 20%M 80%W 8.978

Total Length:

713.00 ft

Total Volume:

8.978 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial#:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .17@69deg

Trilobite Testing, Inc.

Ref. No: 63445

65

70

75

80

85

90

95

Temperature

100

105

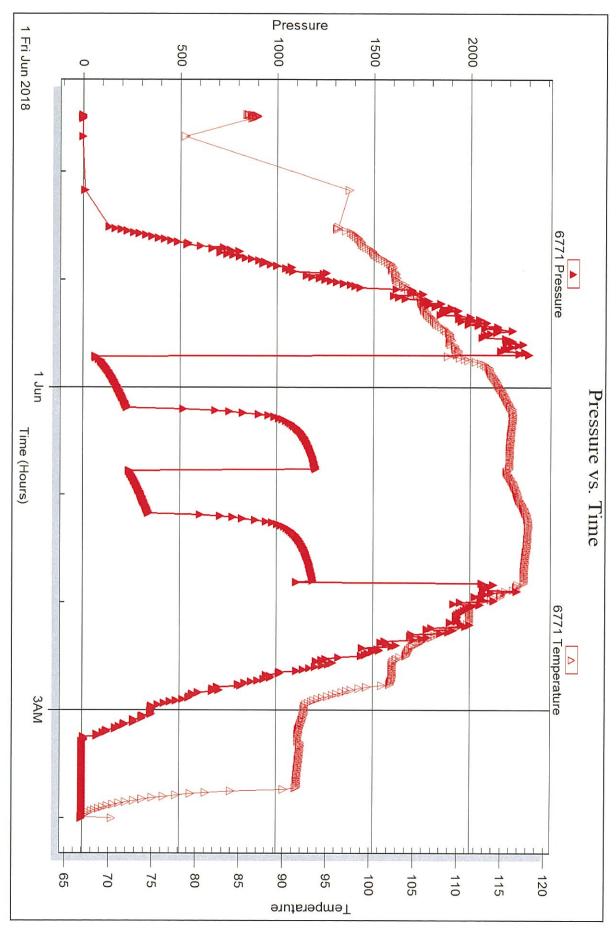
110

115

120

Ref. No:

Trilobite Testing, Inc



Printed: 2018.06.04 @ 15:57:19

Serial #: 6771

Inside

Palomino Petroleum, Inc.

Whitham-Miller #1



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

15-16S-36W Wichita,KS

Start Date: 2018.06.01 @ 20:00:27

End Date: 2018.06.02 @ 01:57:57

Job Ticket #: 63647 DST #: 5

Trilobite Testing, Inc.

1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63647

DST#: 5

ATTN: Ryan Seib

Test Start: 2018.06.01 @ 20:00:27

GENERAL INFORMATION:

Formation:

Pawnee- Ft Scott

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester: **Brandon Turley**

79

Time Tool Opened: 22:16:57 Time Test Ended: 01:57:57

Interval:

4522.00 ft (KB) To 4636.00 ft (KB) (TVD)

Reference Elevations:

3281.00 ft (KB)

Total Depth:

4636.00 ft (KB) (TVD)

Unit No:

3276.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8166 Press@RunDepth: Outside

29.74 psig @

4523.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 2018.06.01 20:00:32

End Date: End Time: 2018.06.02 01:57:56 Last Calib.: Time On Btm:

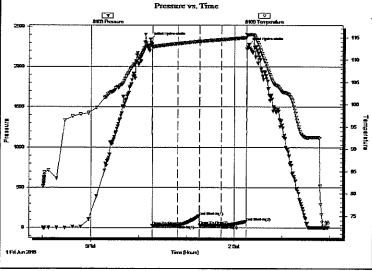
2018.06.01 2018.06.01 @ 22:14:27

Time Off Btm:

2018.06.02 @ 00:17:57

TEST COMMENT: IF: 1/2" blow built to 3/4"

IS: No return. FF: No blow. FS: No return.



		Р	RESSUF	RE SUMMARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Ì	0	2336.99	113.29	Initial Hydro-static
	3	27.55	112.81	Open To Flow (1)
	35	29.64	113.63	Shut-ln(1)
	62	144.80	114.14	End Shut-In(1)
1	62	29.33	114.09	Open To Flow (2)
	89	29.74	114.53	Shut-In(2)
Ì	121	77.54	114.98	End Shut-In(2)
	124	2273.61	115.64	Final Hydro-static
١				
I				
1				

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02
*Recovery from n	nultiple tests	

Gas	Kates

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

Trilobite Testing, Inc.

Ref. No: 63647



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1

Job Ticket: 63647

DST#: 5

ATTN: Ryan Seib

Test Start: 2018.06.01 @ 20:00:27

GENERAL INFORMATION:

Formation:

Pawnee- Ft Scott

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 22:16:57

Tester: Unit No: 79

Brandon Turley

Time Test Ended: 01:57:57

4522.00 ft (KB) To 4636.00 ft (KB) (TVD)

Reference Elevations:

3281.00 ft (KB) 3276.00 ft (CF)

Total Depth: Hole Diameter:

Interval:

4636.00 ft (KB) (TVD)

Inside

KB to GR/CF:

5.00 ft

7.88 inches Hole Condition: Good

Pressure

(psig)

Serial #: 6651

Press@RunDepth:

psig @

4523.00 ft (KB)

Capacity: Last Calib .:

8000.00 psig

PRESSURE SUMMARY

Annotation

Start Date:

2018.06.01

End Date:

2018.06.02 01:58:20

Time

(Min.)

Time On Btm:

2018.06.02

Start Time:

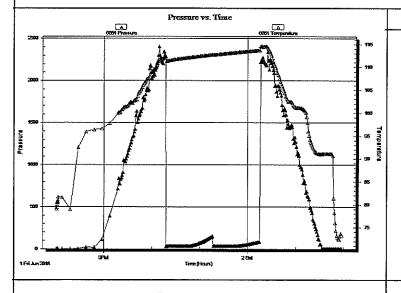
20:00:56

End Time:

Time Off Btm:

TEST COMMENT: IF: 1/2" blow built to 3/4"

IS: No return. FF: No blow. FS: No return.



Temp

(deg F)

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02
* Recovery from n	nultiple tests	

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63647



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1

Job Ticket: 63647

DST#: 5

ATTN: Ryan Seib

Test Start: 2018.06.01 @ 20:00:27

Tool Information

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4404.00 ft Diameter:

0.00 ft Diameter:

3.88 inches Volume: inches Volume:

64.41 bbl 0.00 bbl Tool Weight: Weight set on Packer: 30000.00 lb

2500.00 lb

Drill Collar: Length:

122.00 ft Diameter:

2.25 inches Volume:

0.60 bbl Weight to Pull Loose: 95000.00 lb Tool Chased

Drill Pipe Above KB: Depth to Top Packer:

31.00 ft 4522.00 ft Total Volume: 65.01 bbl

0.00 ft String Weight: Initial 78000.00 lb

ft

2

Final 78000.00 lb

Depth to Bottom Packer: Interval between Packers: 114.00 ft Tool Length:

141.00 ft

Diameter:

6.75 inches

Number of Packers: Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4496.00		
Shut in Tool	5.00			4501.00		
Hydraulic tool	5.00			4506.00		
Jars	5.00			4511.00		
Safety Joint	2.00			4513.00		
Packer	5.00			4518.00	27.00	Bottom Of Top Packer
Packer	4.00			4522.00		
Stubb	1.00			4523.00		
Recorder	0.00	6651	Inside	4523.00		
Recorder	0.00	8166	Outside	4523.00		
Perforations	11.00			4534.00		
Change Over Sub	1.00			4535.00		
Drill Pipe	95.00			4630.00		
Change Over Sub	1.00			4631.00		
Bullnose	5.00			4636.00	114.00	Bottom Packers & Anchor

Total Tool Length:

141.00

Trilobite Testing, Inc.

Ref. No: 63647



FLUID SUMMARY

0 deg API

0 ppm

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

Job Ticket: 63647

DST#: 5

Test Start: 2018.06.01 @ 20:00:27

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

51.00 sec/qt

Water Loss: Resistivity:

Viscosity:

8.79 in³ 0.00 ohm.m

Salinity: Filter Cake: 5600.00 ppm 2.00 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbl

psig

ft

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial#:

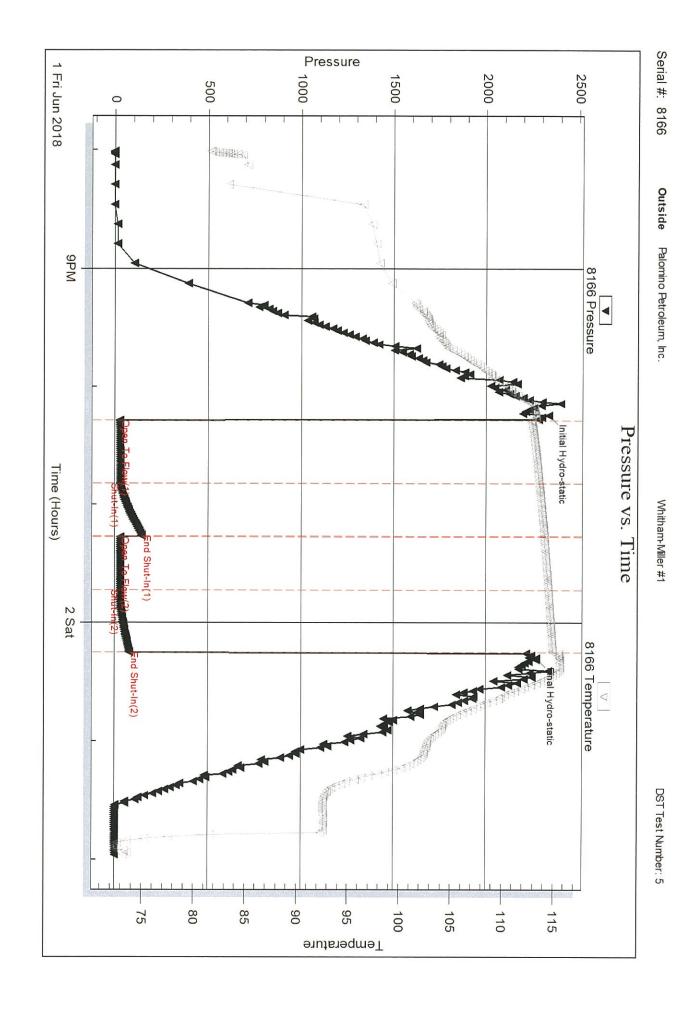
Laboratory Name:

Laboratory Location:

Recovery Comments:

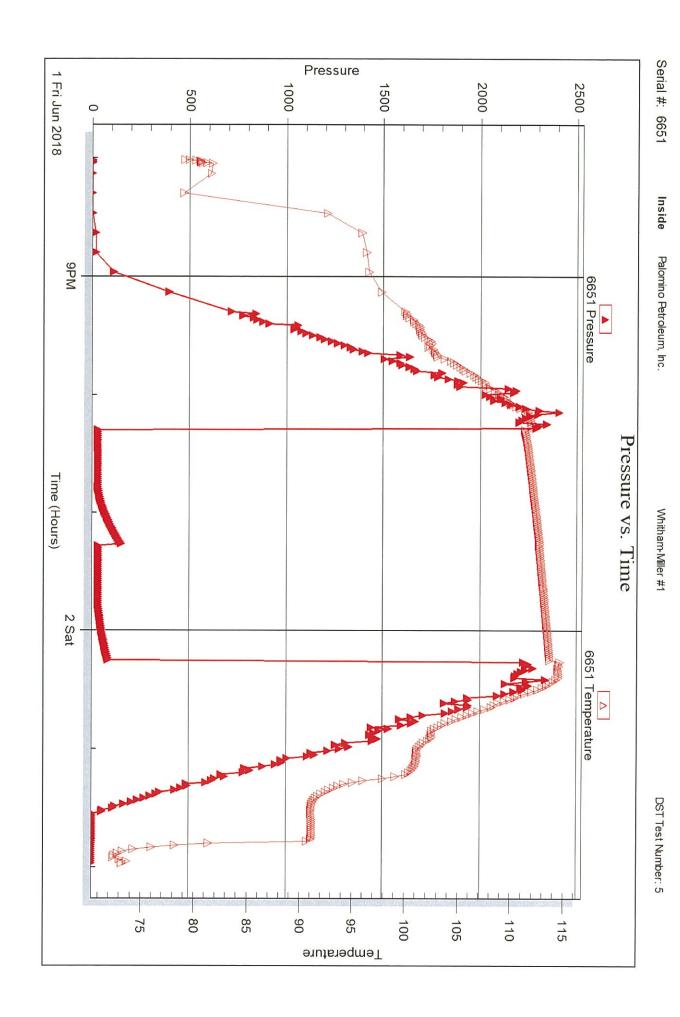
Trilobite Testing, Inc.

Ref. No: 63647



Trilobite Testing, Inc

Ref. No: 63647



Trilobite Testing, Inc

Ref. No: 63647



Prepared For: Palomino Petroleum, Inc.

4924 SE 84th St. Newton, KS 67114

ATTN: Ryan Seib

Whitham-Miller #1

15-16S-36W Wichita,KS

Start Date: 2018.06.03 @ 20:58:37 End Date: 2018.06.04 @ 03:25:07 Job Ticket #: 63648 DST #: 6

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63648

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.06.03 @ 20:58:37

GENERAL INFORMATION:

Formation:

Morrow

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset) Tester:

Time Tool Opened: 23:31:37 Time Test Ended: 03:25:07

Unit No:

Brandon Turley

79

Interval:

4741.00 ft (KB) To 4837.00 ft (KB) (TVD)

Reference Elevations:

3281.00 ft (KB) 3276.00 ft (CF)

Total Depth:

5002.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8166 Press@RunDepth:

Outside 48.51 psig @

4742.00 ft (KB)

Capacity: 2018.06.04 Last Calib.:

8000.00 psig

Start Date: Start Time: 2018.06.03 20:58:42

End Date: End Time:

03:25:06

Time On Btm:

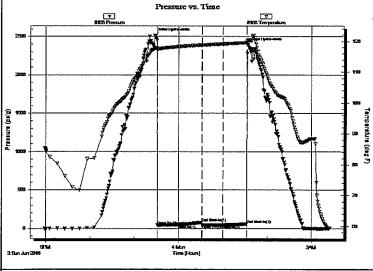
2018.06.04 2018.06.03 @ 23:28:07

Time Off Btm:

2018.06.04 @ 01:33:37

TEST COMMENT: IF: 1 1/2" built to 1 3/4"

IS: No return. FF: No blow. FS: No return,



		Г	NEGOUR	C SUMMART
Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2512.91	117.63	Initial Hydro-static
	4	42.20	117.24	Open To Flow (1)
	32	46.07	118.23	Shut-In(1)
٠,	63	78.66	118.76	End Shut-In(1)
Temperature (dec	64	47.43	118.76	Open To Flow (2)
ż	92	48.51	119.16	Shut-In(2)
(dec P	124	58.34	119.55	End Shut-In(2)
3	126	2391.11	120.29	Final Hydro-static

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10
	· · · · · · · · · · · · · · · · · · ·	
*Recovery from r	nultiple tests	

Gas	Rates
Oa3	・ハロバムク

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

Trilobite Testing, Inc.

Ref. No: 63648



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114

Job Ticket: 63648

Whitham-Miller #1

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.06.03 @ 20:58:37

GENERAL INFORMATION:

Time Tool Opened: 23:31:37

Time Test Ended: 03:25:07

Formation:

Morrow

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

79

Reference Elevations:

3281.00 ft (KB) 3276.00 ft (CF)

KB to GR/CF:

5.00 ft

Total Depth: Hole Diameter:

Interval:

4741.00 ft (KB) To 4837.00 ft (KB) (TVD)

5002.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 6651

Inside

Press@RunDepth:

psig @ 2018.06.03

4742.00 ft (KB)

End Date:

2018.06.04

Capacity: Last Calib.:

8000.00 psig 2018.06.04

Start Date: Start Time:

20:58:53

End Time:

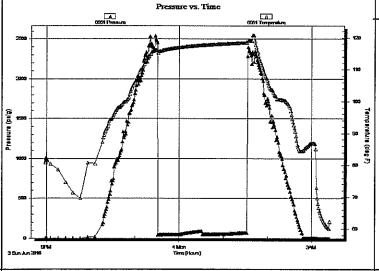
03:25:17

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 1 1/2" built to 1 3/4"

IS: No return. FF: No blow. FS: No return.



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

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10
* Recovery from n	nultiple tests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 63648



Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63648

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.06.03 @ 20:58:37

GENERAL INFORMATION:

Formation:

Morrow

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 23:31:37 Time Test Ended: 03:25:07

Tester: Brandon Turley

79

Interval:

4741.00 ft (KB) To 4837.00 ft (KB) (TVD)

Reference Elevations:

Unit No:

3281.00 ft (KB)

Total Depth:

5002.00 ft (KB) (TVD)

3276.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8650 Press@RunDepth: Below (Straddle)

psig @

4844.00 ft (KB)

2018.06.04

Capacity: Last Calib .: 8000.00 psig

Start Date:

2018.06.03

End Date:

03:24:57

Time On Btm:

2018.06.04

Start Time:

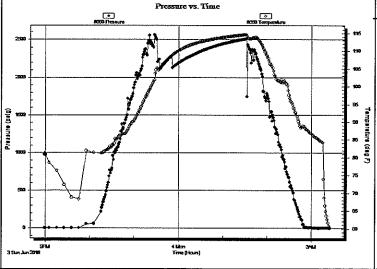
20:58:33

End Time:

Time Off Btm:

TEST COMMENT: IF: 1 1/2" built to 1 3/4"

IS: No return. FF: No blow. FS: No return.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud 100%m	0.10
* Recovery from n	multiple tests	

Gas Rates

Choke (inches) Pressure (psig)

Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 63648



TOOL DIAGRAM

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63648

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.06.03 @ 20:58:37

Tool Information

Drill Pipe: Heavy Wt, Pipe: Length:

Length: 4607.00 ft Diameter:

3.82 inches Volume:

65.31 bbl

Tool Weight:

2500.00 lb

Drill Collar:

Length:

0.00 ft Diameter: 122.00 ft Diameter:

Diameter:

inches Volume: 2.25 inches Volume:

Total Volume:

0.00 bbl 0.60 bbl

Weight set on Packer: 30000.00 lb Weight to Pull Loose: 100000.0 lb

Drill Pipe Above KB:

10.00 ft

65.91 bbl

Tool Chased

0.00 ft

Depth to Top Packer: Depth to Bottom Packer: 4741.00 ft ft String Weight: Initial 84000.00 lb 84000.00 lb

Interval between Packers: 261.00 ft

Final

Tool Length: Number of Packers: 283.00 ft 2

6.75 inches

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Stubb	1.00			4720.00		
Shut In Tool	5.00			4725.00		
Hydraulic tool	5.00			4730.00		
Safety Joint	2.00			4732.00		
Packer	5.00			4737.00	22.00	Bottom Of Top Packer
Packer	4.00			4741.00		
Stubb	1.00			4742.00		
Recorder	0.00	6651	Inside	4742.00		
Recorder	0.00	8166	Outside	4742.00		
Perforations	10.00			4752.00		
Change Over Sub	1.00			4753.00		
Drill Pipe	64.00			4817.00		
Change Over Sub	1.00			4818.00		
Perforations	14.00			4832.00		
Blank Off Sub	1.00			4833.00		
Packer - Shale	4.00			4837.00		
Packer - Shale	5.00			4842.00		
Stubb	1.00			4843.00		
Change Over Sub	1.00			4844.00		
Recorder	0.00	8650	Below	4844.00		
Drill Pipe	158.00			5002.00	261.00	Bottom Packers & Anchor

Total Tool Length:

283.00



FLUID SUMMARY

Palomino Petroleum, Inc.

15-16S-36W Wichita, KS

4924 SE 84th St. New ton, KS 67114 Whitham-Miller #1 Job Ticket: 63648

DST#: 6

ATTN: Ryan Seib

Test Start: 2018.06.03 @ 20:58:37

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

Viscosity:

10.00 lb/gal

60.00 sec/qt 8.79 in³

Water Loss: Resistivity:

0.00 ohm.m Salinity: 6000.00 ppm Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API: Water Salinity: 0 deg API

0 ppm

psig

ft

bbl

Recovery Information

Recovery Table

Length Description Volume ft ldd 20.00 mud 100%m 0.098

Total Length:

20.00 ft

Total Volume:

0.098 bbl

0

Num Fluid Samples: 0

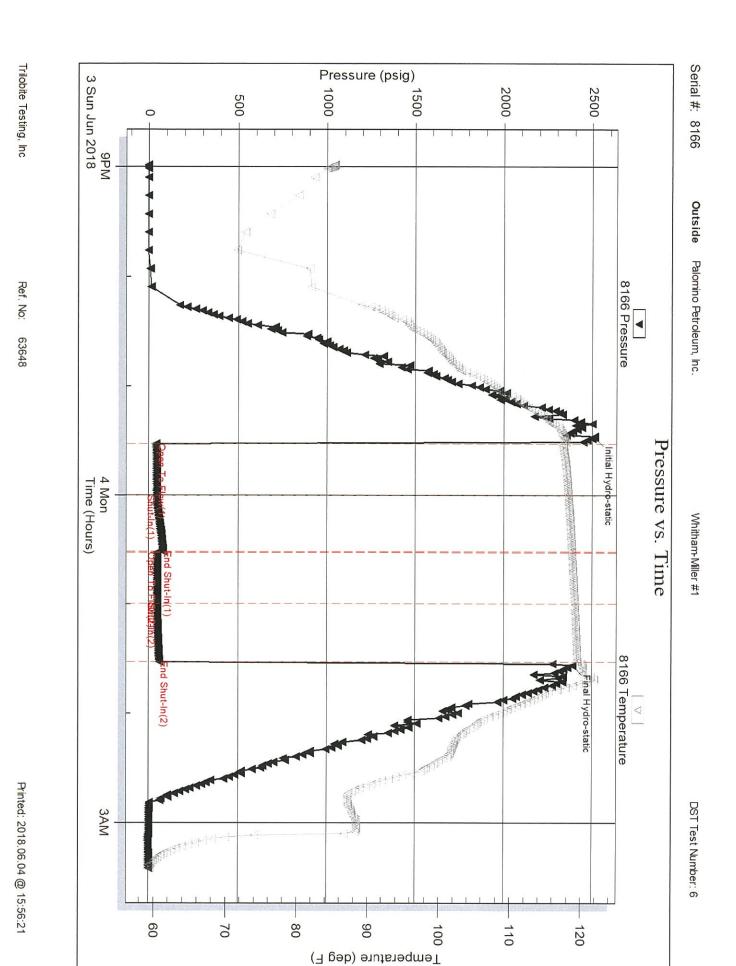
Num Gas Bombs:

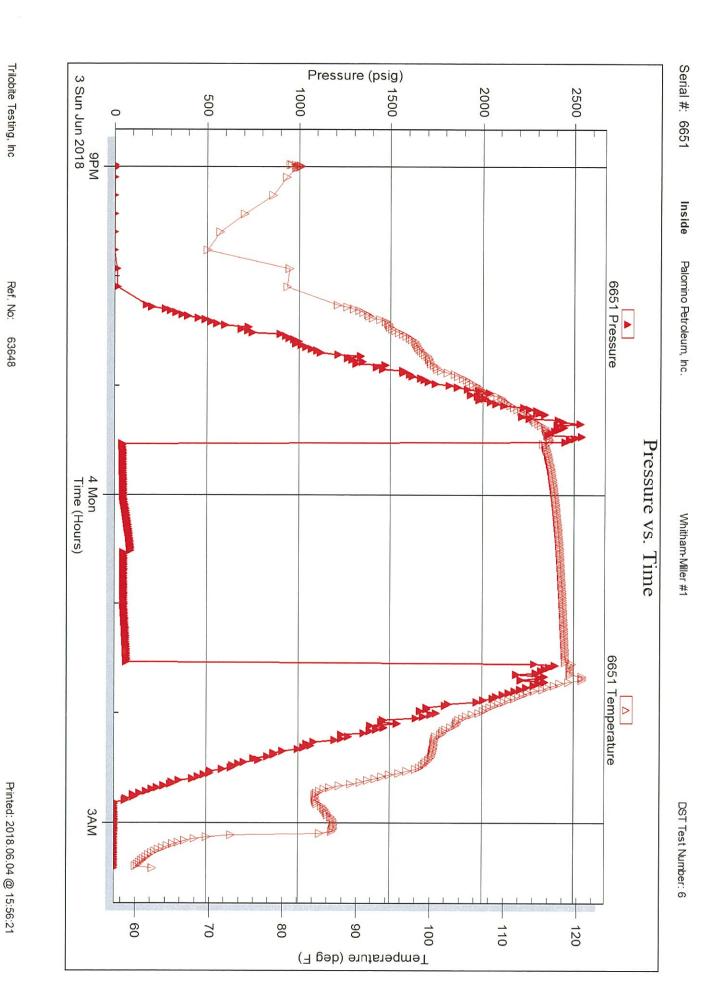
Serial #:

Laboratory Name: Recovery Comments: Laboratory Location:

Trilobite Testing, Inc

Ref. No: 63648





85

80

75

90

Temperature (deg F)

95

100

115

110

105

Ref. No: 63648

Printed: 2018.06.04 @ 15:56:21

60

65

70



Test Ticket

No. 63442

410 197					
Well Name & No. Whitham - Miller Company Palanina Patroleum; Address 4924 5E 84th St. 1	Inc. Venton, K5	Test No Elevation _6 7//4	328	Dale _ 5/2	18/18 3276GL
Co. Rep/Geo. Ryan Soib	(1.)	Rig W L		, (3.0.0
Location: Sec. 15 Twp 16 5	Rge. 76 W	Co	<u>~~~~</u>	ichita siale_	<u> </u>
Interval Tested 3804 - 3960	Zone Tested	peka			
Anchor Length 1561	Drill Pipe Run	()	78	Mud Wt.	9,0
Top Packer Depth 3799	Drill Collars Run		122	VIs	50
Bottom Packer Depth3804	Wt. Pipe Run			WL	7,2
Total Depth 3960	Chlorides	4.000 ppn	n System	LCM	2#
Blow Description FDOB 4mms (6:	2")	<u> </u>	_		
ISI - No How	/				
EF-BOD 5 mlhs (·48")				
FSI-No blow					
Rec 951 Feet of MW		%gas	%oil	%water	30%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 951 BHT W°	_ Gravity AF	PIRW <u>, 12</u>	69 F	Chlorides	
(A) Initial Hydrostatic 1884	⊠ Test 1050			cation	
(B) First Initial Flow 86	✓ Jars 250		T-Starte	d	1436
(C) First Final Flow 333	Safety Joint 75		T-Open		1640
(D) Initial Shut-In 1054	Circ Sub		T-Pulled		
(E) Second Initial Flow 323	Hourly Standby		_		
(F) Second Final Flow	Mileage 90 F	ZT 90	Comme	nts	
(G) Final Shut-In 1052	Sampler				
(H) Final Hydrostatic 1861	☐ Straddle			ned Shale Packer	
	☐ Shale Packer			ned Packer	
Initial Open	☐ Extra Packer			a Copies	
Initial Shut-In 30	☐ Extra Recorder			a Copies al	
Final Flow 30	☐ Day Standby			1465	•
Final Shut-In30	☐ Accessibility			T Disc't	
	Sub Total 1465		,		
Approved By		epresentative _	Jedran	Lonsda	(e



1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 63443

Well Name & No. Whitham - Wille	2r 2/	Test No	2	Date 5/2	19/18
Company Pabmino Petroleum, I	٠, د.	Elevation	<u> </u>	<u> </u>	3276 GL
1	wton, KS 67114				
Co. Rep / Geo. Rvan Seis		Rig Wh	1510		
1 /	S Age. 36 w	1		chita state_	KS_
Interval Tested 4036 - 4100	Zone Tested 📗 😞	151ng 'A-	<u> </u>		
Anchor Length 6 4'	Drill Pipe Run		901	Mud Wt.	9,4
Top Packer Depth 4031	Drill Collars Run		122	VIs	<u> </u>
Bottom Packer Depth 4636	Wt. Pipe Run			WL	<u>8.0</u>
Total Depth 4/00	Chlorides	<u>5,000 ppr</u>	n System	LCM	2#
Blow Description TF- BOB 7mins					
ISI-No How	<i>y</i>				
FF-BOO 15 min	s (20°)				
FSI- No Now					
Rec 55.5 Feet of MW		%gas	%oil	65 %water	35 %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oll	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Total 55.5 BHT 1150	Gravity A	PI RW <u>. 12</u> (<u> 20</u> °r	Chlorides	
(A) Initial Hydrostatic 2066	Test 1150			ocation	<i>J</i>
(B) First Initial Flow 33	XI Jars 250		T-Start	ed	<u> 1136</u>
(C) First Final Flow 174	Safety Joint 75		T-Oper	1	1446
(D) Initial Shut-in 120	☐ Circ Sub		T-Pulle	d	1646
(E) Second Initial Flow	☐ Hourly Standby		T-Out :	**-T-MM-lankark	184,7
(F) Second Final Flow264	M Mileage 10 R		Comm	ents	
(G) Final Shut-In	☐ Sampler		· 		
(H) Final Hydrostatic 1977	□ Straddle			land Chain Castras	
·	☐ Shale Packer			ined Shale Packer	141111111111111111111111111111111111111
Initial Open30	Extra Packer			ined Packer	
Initial Shut-In37	☐ Extra Recorder			tra Copies stal0	
Final Flow 3	☐ Day Standby			1565	, , , , , , , , , , , , , , , , , , ,
Final Shut-In 30	□ Accessibility			ST Disc't	
	Sub Total 1565				**************************************
Approved By	Our I	Representative	Brann	11 / 15115A	alo.



1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

63444 NO.

4/10 ''N/					
Well Name & No. Whitham - Miller	五	Test No	3	Date5/:	30/18
Company Palanino Petroleum, I.	\C.	Elevation	<u> 3281</u>	_KB	32 <i>76</i> GL
	udon, KS 671	14		, <u>.</u>	
Co. Rep/Geo. Ryan Sob		Rig <u>\ </u>	10		
Location: Sec	S Rge. 36 W	Co	wichil	a State	KS_
Interval Tested 4205 - 4277	Zone Tested	nsing "t	1+T"		
Anchor Length 77	Drill Pipe Run	40	258 MI	ıd Wt.	9,4
Top Packer Depth 4200	Drill Collars Run	W. (a.)	22 vis		51
Bottom Packer Depth 4205	Wt. Pipe Run	<u></u>	Wi	•	8.0
Total Depth 4277	Chlorides	3,100 ppm	System LC	М	2**
Blow Description IF- Built very sle	mly to 1/2"				
151- No you					
tF-Noblen		······································			·····
Rec 35 Feet of M		%gas	%oil	9/	67
Rec Feet of		%gas		%water	%mud
		%qas %qas	%oil %oil	%water	%mud
Rec Feet of Rec Feet of				%water	%mud
RecFeet of		%gas %gas	%oil %oil	%water	%mud
Rec Total 30 BHT 111°	_ Gravity Al			%water nlorides	%mud
(A) Initial Hydrostatic 2179	Test 1150	(C		lion	ppm i2.5.5
(B) First Initial Flow 23	Jars 250				1320
(C) First Final Flow32	Safety Joint 75		Т-Ореп		1458
(D) Initial Shut-In 1094	Circ Sub		•		1,658
(E) Second Initial Flow	☐ Hourly Standby		T-Out		1840
(F) Second Final Flow	Mileage 90 F		Comments		
(G) Final Shut-In 1040	☐ Sampler		•		
(H) Final Hydrostatic 2066	☐ Straddle		**************************************		
	☐ Shale Packer			Shale Packer_	
Initial Open30	☐ Extra Packer	•	- Ca (toniac	Packer	
Initial Shut-In	☐ Extra Recorder			Copies	
Final Flow 30	☐ Day Standby		-	65	
Final Shut-In 30	Accessibility			Disc't	
	Sub Total 1565		. Wii 70013	JIJU (
Approved By		Representative	Brannar	Lans	Dorle



Test Ticket

NO. 63445

4110 STANT.					
Well Name & No. Whithan - Willer	11	Test No	4	Date <u>_</u>	5/31/18
Company Pulpmino Petroleym. I		Elevation			327/GL
	euton, KS 67				
Co. Rep/Geo. Ryan Seib		, Rig <u>しい</u> し	12/10)	
Location: Sec. 1.5 Twp 16 5	-	?co		china state	· KS
Interval Tested 4385 - 4536	Zone Tested $igwedge$	larmaton			
Anchor Length 151	Drill Pipe Run	ر	249	Mud Wt.	9,3
Top Packer Depth 4380	Drill Collars Run _		125	Vis	46
Bottom Packer Depth 4385	Wt. Pipe Run			WL	9.8
Total Depth 4536	Chlorides	5,2 <i>0</i> 0 ppr	n System	LCM	0 th
Blow Description IF-BOB 6 mins C		·			
ISI-NO YOU					
FF-BOB 9 mins (2	ス")				
PSI-No Now					
Rec 7/3 Feet of <u>MW</u>		%gas	%oil	වි∕) ‰wa	ter 20%mud
Rec Feet of		%gas	%oil_	%wa	
Rec Feet of		%gas	%oil	%wa	ter %mud
Rec Feet of		%gas	%oil	%wa	
Rec Feet of		%gas	%oil	%wa	
Rec Total	GravityA	PI RW <u> 1.7</u>	e 69 ·	F Chlorides	
(A) Initial Hydrostatic 2297	≥ Test 1150	▼		ocation	· · · · · · · · · · · · · · · · · · ·
(B) First Initial Flow	250 Jars		T-Star	led	2128
(C) First Final Flow 230	Safety Joint 75		Т-Орв	n	2343
(D) Initial Shut-In 1263	Circ Sub		T-Pulle	n ad <i>6//</i>	0143
(E) Second Initial Flow 244	☐ Hourly Standby		T-Out		0400
(F) Second Final Flow342	Di Mileage <u>90</u> 1				cl Enights
(G) Final Shut-In 1189	☐ Sampler			•	lge, Staron
(H) Final Hydrostatic 2123	☐ Straddle			prings, K	
	☐ Shale Packer				:ker
Initial Open 30	Extra Packer				
Initial Shut-In30	Extra Recorder			^	
Final Flow 30	☐ Day Standby			1565	
Final Shut-In 30	☐ Accessibility				
	Sub Total 1565			· · · · · · · · · · · · · · · · · · ·	
Approved By		Representative	Bram	ian Loi	elle ·



RILOBITE ESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

No. 63647

4/10 .wh=##.					
Well Name & No. Whitham - Mill	'er #/				8
Company Palamino Petrol	eum	Elevation _	3281	KB32)	6_GL
Address					
Co. Rep/Geo. Rym Seib		Rig	0.00	#10	
Location: Sec. 15 Twp 165	Rge. 36W	Co <i>W</i>	105:44	State	55
Interval Tested 4521 4636	Zone Tested	Awnee	1-FT	Scott	
Anchor Length	_ Drill Pipe Run	4409	<i></i>	Mud Wt. 9	<u> </u>
Top Packer Depth 4517	Drill Collars Run	122		Vis	
Bottom Packer Depth 4522	Wt. Pipe Run			WL 8,8	
Total Depth	_ Chlorides _5	600	ppm System	LCM	
Blow Description IF! /2 inch	blow bu	ilt to	3/4.		
IS: NO return	7 ,				
FF', No blow.					
FSI No return					
Rec_ 5 Feet of mud		%gas	%oil	%waler	100 %mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
Rec Feet of		%gas	%oil	%water	%mud
RecFeet of		%gas	%oil	%water	%mud
Rec Total 5 BHT 115	Gravity	API RW	@°F	Chlorides	ppm
(A) Initial Hydrostatic 2336	☑ Test1150		T-On L	ocation	15
(B) First Initial Flow	250 Jars		T-Start		
(C) First Final Flow 29	Safety Joint	75		20:15	>
(D) Initial Shut-In 179	2 Circ Sub N	16	T-Pulle	d 22:13	
(E) Second Initial Flow	☐ Hourly Standby		T-Out		
(F) Second Final Flow	Mileage 26-		Comm	ents	
(G) Final Shut-In	☐ Sampler				
(H) Final Hydrostatic 2273	☐ Straddle			and Chala Basks	
	☐ Shale Packer			ined Shale Packer	
Initial Open 30	☐ Extra Packer		- ,	ined Packer	
Initial Shut-In	☐ Extra Recorder			tra Copies otal	
Final Flow 30	☐ Day Standby			1565	
Final Shut-In	☐ Accessibility			ST Disc't	
	Sub Total 1565				21
Approved By	O	ur Representative		5	
				-	/

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



Test Ticket

No. 63648

5 3/W		04)		-5
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			d Wt. 9.6	
Drill Collars Run	122	Vis	60	
Wt. Pipe Run			00	
Chlorides	000 ppm	System LC	м/	
w built	to 1	3/4,		
CN.				
	%gas	%oil	%water / O	O %mud
	%gas	%oil	%water	%mud
	%gas	%oil	%water	%mud
	%gas	%oil	%water	%mud
	%gas	%oil	%water	%mud
Gravity	API RW@	F Ch	lorides	ppm
☑ Test1250		T-On Locati	ion 19:3	0
☑ Jars250		T-Started _		8
☑ Safety Joint7	5	T-Open		-
☑ Circ Sub	116	T-Pulled		
		T-Out	3125	
Mileage 96-	90	Comments		
60	0	7 Dulpad	Chalo Daskes	350
	2 500		Shale Packer	
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			Disc't	/
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Our	Representative			
or personnel of the one for whom a	test is made, or for any loss	s suffered or sustained, or ty for whom the test is n	directly or indirectly, through	h the use at its
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Palomino Petrolema

Whitham-Miller # 7 3281

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Wichita K5

Wichita K5

6/3/18 260

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Micro, Sonic

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Lansing

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Stark

9308 (-1021)

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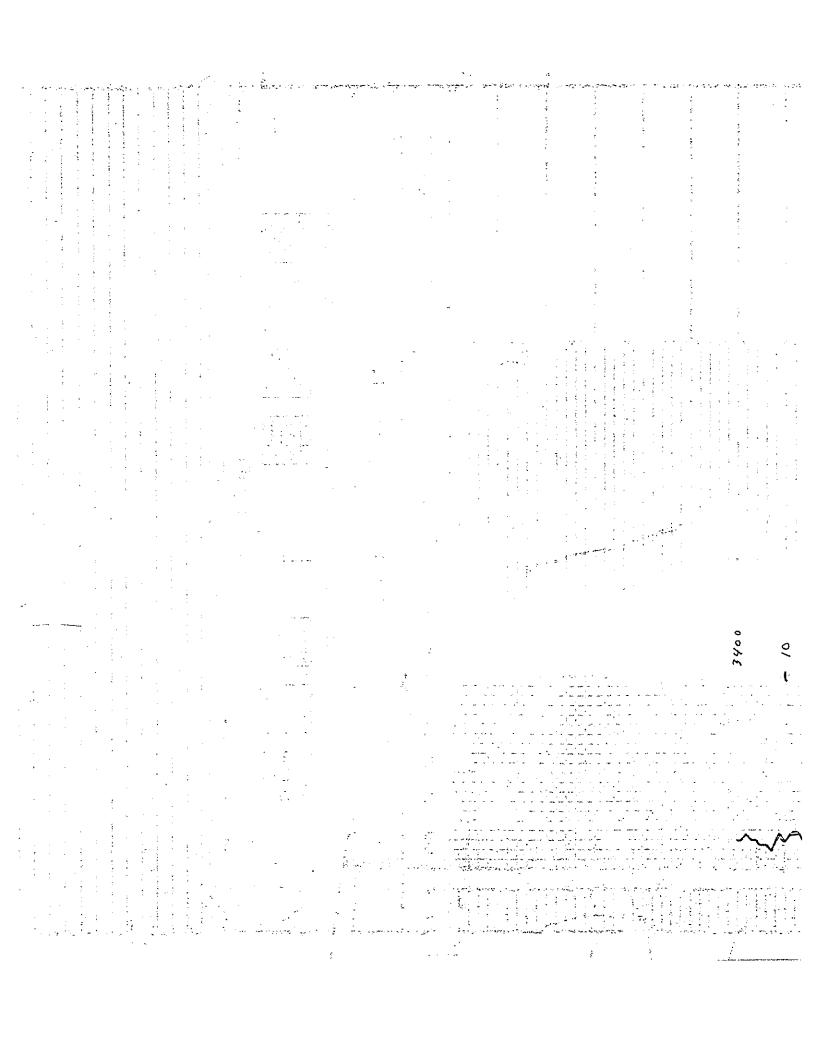
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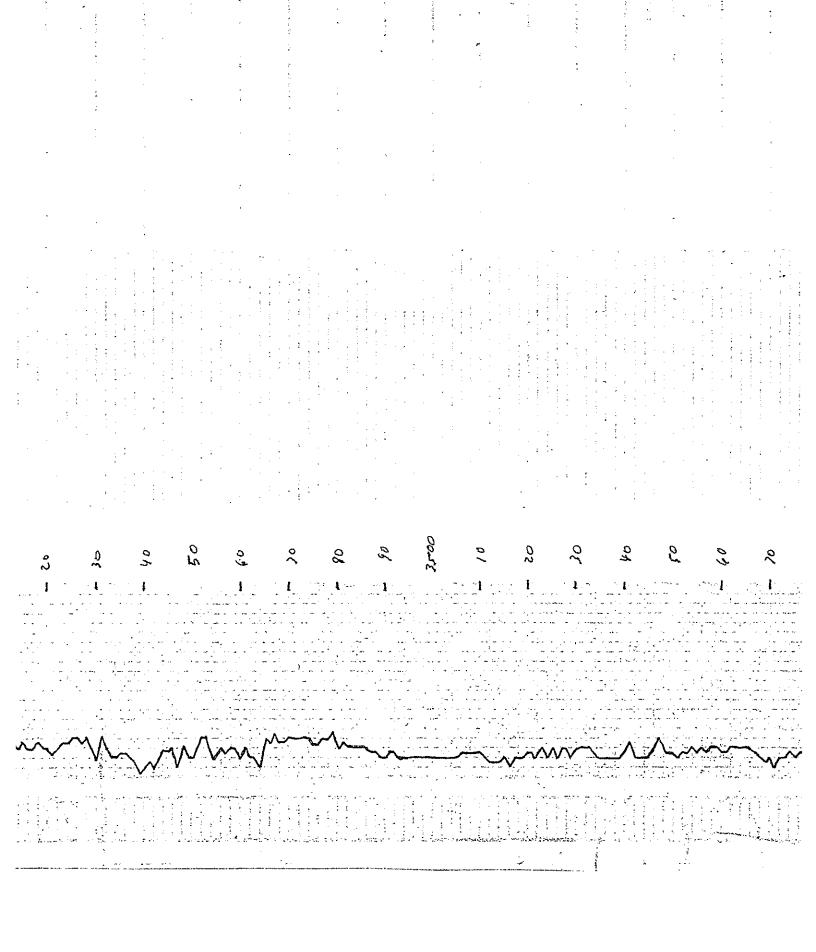
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