KOLAR Document ID: 1358192

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:	
Address 2:	Feet from North / South Line of Section
City:	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.xxxxxx) (e.gxxx.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	Multiple Stage Cementing Collar Used? Yes No
Cathodic Other (Core, Expl., etc.):	
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: 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)
Commingled Permit #:	Chloride content:ppm Fluid volume:bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
☐ EOR Permit #:	Location of hald disposal in hadica offsite.
GSW Permit #:	Operator Name:
_	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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 Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II Approved by: Date:

KOLAR Document ID: 1358192

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:	Top Bottom			# Sacks Used		Type and F	Percent Additives	
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			B.11 B1				
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.		n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	BERL 1
Doc ID	1358192

Tops

Name	Тор	Datum
Anhy.	2238	(+ 801)
Base Anhy.	2251	(+ 788)
Heebner	3920	(- 881)
Lansing	3968	(- 929)
Stark Sh.	4287	(-1248)
BKC	4415	(-1376)
Marmaton	4442	(-1403)
Pawnee	4530	(-1491)
Ft. Scott	4555	(-1516)
Cherokee Sh.	4566	(-1527)
Morrow Sh.	4744	(-1705)
Miss.	4814	(-1775)
LTD	4942	(-1903)

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	BERL 1
Doc ID	1358192

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	208	Common	2% gel, 3% c.c.



REMIT TO

Dept:970

P.O.Box 4346 Houston, TX 77210-4346

MAIN OFFICE

Consolidated Oil Well Services, LLC RECEIVED

P.O.Box884 Chanute, KS 66720

MAY 0 4 20620/431-9210,1-800/467-8676 Fax 620/431-0012

810194 Invoice#

Invoice

Invoice Date: 04/30/17 Net 30 Terms: Page

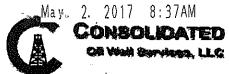
PALOMINO PETROLEUM, INC.

4924 SE 84TH STREET NEWTON KS 67114-8827

USA

Berl #1

t Pump Charge 1501' - 3000' ent Mileage Charge - Heavy ent t Delivery Charge eight Blend V (60:40:4)	1.000 45.000 528.750	1,900.0000 7.1500 1.7500	30.000 30.000	1,330.00 225.23
ent t Delivery Charge				225.23
-	528.750	1.7500		
sight Blend V (60:40:4)			30.000	647.72
ight blond v (00.40.4)	270.000	16.0000	30.000	3,024.00
ke	68.000	3.0000	30.000	142.80
Vooden Plug	1.000	165.0000	30.000	115.50
		5	Subtotal	7,836.06
		Discounted A	Amount	2,350.82
		SubTotal After D	iscount	5,485.24
		Amount Du	e 8,234.63 If paid	after 05/30/1
	Vooden Plug	Vooden Plug 1.000	Discounted / SubTotal After D	Nooden Plug 1.000 165.0000 Subtotal Discounted Amount SubTotal After Discount Amount Due 8,234.63 If paid



8085 7981

Annual Contraction of the Contra	No. 0352	P.	4	
()KET NUM	IBER	<u>51</u>	<u> 145</u>	
LOCATION_	Oakl	a U	5	
FOREMAN	miles	55%	(FU)	

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

AUTHORIZTION

FIELD TICKET & TREATMENT REPORT

Invoice#810194

DATE_

020-431-9210 01 800-	467-8676		CEMENT	ſ	W1.01	47.010	ns
		ELL NAME & NUMBE	R	SECTION	TOWNSHIP	RANGE	COUNTY
4-28-17 62	85 Beri	# J		//	205	39W	Scoff.
CUSTOMER PO	Pokul	2	50-116-1-16-3			Section 1	
MAILING ADDRESS		Pan -	5 to Rd40 [TRUCK#	DRIVER	TRUCK#	DRIVER
4924 SE 84H	h Street		N. FEIND	753 / 460	Travis W		
New tan	STATE K8	ZIP CODE 67114-88	27	700 -	Harold B		
JOB TYPE 12TA	HOLE SIZE_		-HOLE DEPTH		CASING SIZE & V	VEIGHT	<u>L</u>
CASING DEPTH	DRILL PIPE_	4141	rubing			OTHER	
SLURRY WEIGHT /3	SLURRY VOL	. 1.4 N	NATER gal/sk		CEMENT LEFT In		
DISPLACEMENT	DISPLACEME	NT PSI	MIX PSI		DATE	· · · ·	
REMARKS: Lety	meeting and	risupon U	16/dr11	ing (ig	2. Plug	as aml	200
1 " eluc 50 Sc	@ 2260'				, , ,	23 0700	<u> </u>
2" phis 80 Sx	@ 1200'						
2" phis 80 Sx 3" phis 50 Sx 6		270 •	SK (d)/4	10 42001	14 the Sed	7	
4 plus 40 SXG			<u> </u>		/////JA		·····
5 phn 20 Sce							
RH 305x			·· <u> </u>				
	,					 -	
							

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES of PRODUCT	UNIT PRICE	TOTAL
CE04511		PUMP CHARGE	1900,00	1900,00
CKOOZY	45	MILEAGE ,	7.15	301.75
(E07/0 /	11.75 Tons	Ton M. tage cholivery	1,75	925.31
CL5829	1359 27054	Lite-Wright blend I Loke 1894	16,00	4320,00
CC60751	68#	Cello Plahe /Floseal	3.00	204,00
CAGIZE .	<u> </u>	85/8" Varden plas	165,00	165.
			Scholal"	7836.do
		1055	3090/31cm	2350,8/
			Subtotal	5485.25
			95%	
	· **			170.00
Ravin 9797			SALES TAX ESTIMATED	57/A 7E

TITLE



REMIT TO

MAIN OFFICE

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

P.O.Box884 Chanute, KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012

Page

810092 Invoice# Invoice

PALOMINO PETROLEUM, INC.

04/19/17

ECEIVED

APR 2 1 2017

Terms:

Net 30

4924 SE 84TH STREET NEWTON KS 67114-8827

BERL #1

USA

Invoice Date:

Part No	Description	Quantity	Unit Price Di	scount(%)	Total
CE0471	Cement Pump Charge 301' - 500' (Coalbed/Methane)	1.000	1,150.0000	30.000	805.00
CE0002	Equipment Mileage Charge - Heavy Equipment	55.000	7.1500	30.000	275.28
CE0710	Cement Delivery Charge	1.000	746.9000	30.000	522.83
CC5871	Surface Blend II, 2% Gel/3% CaCl	165.000	23.0000	30.000	2,656.50
			S	ubtotal	6,085.15
			Discounted A	Amount	1,825.55
			SubTotal After Di	iscount	4,259.60
			Amount Due	e 6,407.73 If paid	l after 05/19/17

Tax:

Total:

225.80

4,485.41



KET NUMBER	51739
LUCATION_ Oak	lley US
FOREMAN MILES	· Sparing

DATE CUSTOMER WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY-TITLE (CSR) BC (CSR) LYTT-17 (CSR) BC (CSR) WELL NAME & NUMBER SUSTOMER COUNTY (CSR) BC (CSR) MALLING ADDRESS STATE STATE STATE STATE SURRY WEIGHT LYS DISPLACEMENT IN LS SLURRY VOL. 1.3C WATER galls MX PSI RATE REMARKS: Sofety preeding and rise or Will Schling 1.5 th S. Crocolot Losins Shalin Cereat alia Circulate 7 b/s supil ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING TOTAL ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT LYDING ACCOUNT CODE ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT CODE QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL ACCOUNT CODE ACCOUNT ACCOUNT ACCOUNT ACCOUNT CODE ACCOUNT ACCOUNT ACCOUNT ACCOUNT CODE ACCOUNT	PO Box 884, Ch 520-431-9210 o			LD HONE	CEMEN	IMENIKEI T	INVO	12 样的	1092
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SER	DATE	CUSTOMER#	WEL	L NAME & NUM	MBER	SECTION	TOWNSHIP		COUNTY
ACCOUNT CODE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE ASSOCIATION OF SERVICES OF PRODUCT UNIT PRICE ASSOCIATION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SECOND OF SERVICES OF PRODUCT UNIT SERVICES OF PRODUC		6285	Becl .	#/		11	205	344	Scott
MALLIN ADDRESS WATER STATE TUBING OTHER STATE STATE STATE TUBING OTHER STATE	1.73	1 Da	/ 1						
ACCOUNT CODE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CONTROL OF TAXABLE AND ACCOUNT CODE CONTROL OF TAXABLE AND ACCOUNT C	/ 6/ MAILING ADDRE	SS	rollum, 1	·/VC		TRUCK#		TRUCK#	DRIVER
NOW HAN NOW HAN NOW HAN NOW HAN NOW HAN NOW HOLE SIZE IPPCODE 10 10 10 10 10 10 10 1			ret-		WHE into	131			
NOW TOP Surface HOLE SIZE 121/4" HOLE DEPTH 205" CASING SIZE & WEIGHT 836" DRILL PIPE TUBING SURRY WEIGHT 1918 SURRY WEIGHT 1918 DISPLACEMENT 121/5 DISPLACEMENT PS1 MIX PS1 RATE REMARKS: Safety meeting and pis up on Why Cledium 1.5" 22 C. realety less uses MIS 16554 Cress of concert with 32 Caleirum 28 y.H. displaced 1265 Crestor Shultin Cement of Stickulate 2 b/5 supil ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTA LOS 71 PUMP CHARGE 1/50.00 LOS 71 1/65 54 Surface bland II 3210 285 cl. 75 Subpla/ 1655 Surface bland II 3210 285 cl. 75 Subpla/ 1655 Sulface 1825. Subpla/ 1655	CITY	<u> </u>	•	ZIP CODE	- _	70	Steven ()		
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ECONOMIC COSTS SALES TAX 225.8	Newton				8827	105-			
ACCOUNT CORE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL SCOTON TO MESSALE	IOB TYPE S_i		HOLE SIZE/	1214"	 HOLE DEPTH	208'	CASING SIZE & V	VEIGHT 8 5/8	1 23 #
DISPLACEMENT 12 HS DISPLACEMENT PSI MIX PSI RATE LEMARKS: Safety meeting Grad pis up on Whi Circlines right? Circulate Lesing Mix luss of Class the regard with 38 carriages 28 yell displaced 12 hs Corter Shultin Cement of it Circulate 7 h/s tapil ACCOUNT CODE ACCOUNT ACCOU	ASING DEPTH	,	DRILL PIPE		_TUBING			OTHER	
REMARKS: Safety meeting and pis up on Why deather 1.5 \$2 Circulate lessing Mis Nose Class hement with 38 calcium 28 yet displaced 12hb Water Shut in Cement did Circulate 7 h/s tapit ACCOUNT QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTA EDITIF J PUMP CHARGE 1/50 1/50 1/50 EDITIF 1.76 TONS MILEAGE 7.15 393.2 EDITIF 1.76 TONS Surface Hand II 3210 2850 73.00 3795. Subbat 1.855 N Surface Hand II 3210 2850 5000 4005. Subbat 1.855.			SLURRY VOL_	1.36	WATER gal/s	k	CEMENT LEFT in	CASING ZC	o'
Mis Ness Class perment with 38 calcium 28 yell displaced 12hbs Water Shutin Cement did Circulate 7 hbs topid ACCOUNT CODE ACCOUNT QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTA EATT 1 PUMP CHARGE 1/50, 00 1/50, EATT 55 MILEAGE 7,15 393.2 CEOTION 7.76 Tons Ton Mileage delivery 1.25 FFFF 7/60, CEST 1655N Surface hland II 3216 2850 23,00 3795, Subtotal 4255, Subtotal 4255,	<i>(</i>)	1615	DISPLACEMEN	T PSI	-				
ACCOUNT CODE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL ENTRY S.S. MILEAGE 7.15 3932 (SST) 165 SUPER Hand II 3216 2850 7.35 3735 Subjected 4259.			122	· · · · · · · · · · · · · · · · · · ·	~ WW	delling 1.	5 # Z C,	rculate La	Sins
ACCOUNT CODE QUANITY or UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CONTROL OF SERVICES	Mis 165				& Calcium	n 28 421	displace	1 1266 0	seter
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL (1997) (1998) (199	Oratin	Coment	did Circ	ukte 2	6/5 100	i1	•		
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CODE (1/5/2)									
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL CODE (1/5/2)									
ACCOUNT CODE QUANITY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL (1997) 1 PUMP CHARGE 1/80,000 //50, 600000000000000000000000000000000000				****					
ACCOUNT CODE QUANTY OF UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL (1977) 1 PUMP CHARGE 1/82, W 1/52, W						· · · · · · · · · · · · · · · · · · ·			
ACCOUNT CODE QUANTY or UNITS DESCRIPTION of SERVICES OF PRODUCT UNIT PRICE TOTAL (1971) 1 PUMP CHARGE 1/80,000 //50. \$ (2072) 55 MILEAGE 7,15 393,2 (2071) 7,76 Tons Ton Mileage delivery 1.75 75 776,76 (2587) 1/65 SI Surface bland II 3216 285el 23.00 3795. \$ (2085) 50 Subject 1/825. \$ (2085) 50 Subject 1/82				······································		7	Harte M.	1x 4 C c=	. 7
CODE QUANTY of UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL							TOTAL TOTAL	~3 V ~ 2 2 2 2	<i>22</i>
CODE QUANTY of UNITS DESCRIPTION OF SERVICES OF PRODUCT UNIT PRICE TOTAL							· · · · · · · · · · · · · · · · · · ·		
SS MILEAGE 7,15 393,0 CE0710 7,76 Tors Torn Mileage delivery 1.75 Forth 716,5 CS871 165 SA Surface bland II 3210 28,50 23,00 3795, Subjected 4259, SALES TAX 225,8	1	QUANITY	or UNITS	DI	ESCRIPTION of	SERVICES or PR	ОДИСТ	UNIT PRICE	TOTAL
CEOTION 7.76 TONS TON Mitpage delivery 1.75 7540 746,7 CEOTION 7.76 TONS TON Mitpage delivery 1.75 7540 746,7 CEOTION 7.76 TONS TON Mitpage delivery 1.75 7540 746,7 Support 1.75 7540 746,7 Sup	£0471	<u> </u>	1	PUMP CHARG	3E			1150.00	1150,00
Substal 16554 Surface bland II 3916 28501 73.00 3795. Substal 625. Sales TAX 225.8	£0002							7,15	393,25.
Subjects 1655N Surface bland II 3216 285el 23.00 3795, Subjects 6085, 1955 30/ot/scount 1825, Subjects 1959, SALESTAX 225.8	(E0710°	1,76	Tons	Ton 1	Vilouge a	plivery	1.75	735.10	716,900
1055 308ch 5count 1825 Subjotal 4259	£587/	16	25 SV	Surfa	e blend -	II 3200	28cal	7.3.00	3795 00
1055 308ch scount 1825 Subjectal 4259,									
1055 308ch 5count 1825 Subjotal 4259		****							
1055 308ch 5count 1825 Subjotal 4259							· · · · · · · · · · · · · · · · · · ·	CTIT	10000
Subfofa/ 4259, SALES TAX 225,8							1 2.91	Supporter	0083.6
SALES TAX 225.8							1955 30BCA	Scount,	1825,53
								Substal	4259,64
						· · · · · · · · · · · · · · · · · · ·			

								SALES TAX	225.81 =
ITHORIZTION STATE	in 3737	01		1			t	ESTIMATED	4485 41

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: Andrew Stenzel

Berl #1

11-20s-34w Scott,KS

Start Date: 2017.04.22 @ 16:44:05 End Date: 2017.04.23 @ 01:21:05 Job Ticket #: 63793 DST #: 1

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114 Berl #1

Job Ticket: 63793

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2017.04.22 @ 16:44:05

GENERAL INFORMATION:

Time Tool Opened: 20:49:35

Time Test Ended: 01:21:05

Formation:

LKC H

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Brandon Turley

Unit No: 70

Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

KB to GR/CF:

Interval:

4165.00 ft (KB) To 4214.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4214.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

5.00 ft

Serial #: 8166 Press@RunDepth: Inside

224.20 psig @

4166.00 ft (KB)

2017.04.23

Capacity:

8000.00 psig

Start Date: Start Time: 2017.04.22 16:44:10

End Date: End Time:

01:21:05

Last Calib.: Time On Btm:

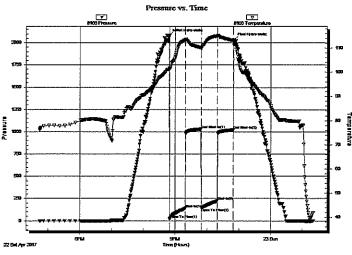
2017.04.23 2017.04.22 @ 20:49:05

Time Off Btm:

2017.04.22 @ 22:50:35

TEST COMMENT: IF: BOB in 16 min.

IS: No return. FF: BOB in 19 min. FS: No return.



	PRESSURE SUMMARY								
Ī	Time	Pressure	Temp	Annotation					
9	(Min.)	(psig)	(deg F)						
•	0	2078.75	101.71	Initial Hydro-static					
9	1	21.82	101.38	Open To Flow (1)					
	30	140.68	113.30	Shut-in(1)					
	60	1028.44	110.17	End Shut-In(1)					
걸	60	146.59	109.58	Open To Flow (2)					
Tamparatura	90	224.20	115.04	Shut-In(2)					
\$	120	1018.44	113.08	End Shut-In(2)					
	122	2034.62	112.66	Final Hydro-static					
			:						

Recovery

Length (ft)	Description	Volume (bbl)
185.00	mcw 95%w 5%m	1.50
124.00	mcw 80%w 20%m	1.74
155.00	w cm 30%w 70%m	2.17
0.00	H2S 67ppm	0.00

Gas Rat	es		
Choke (Inches)	Pressure (psig)	Gas Rate (Mct/d)	

Trilobite Testing, Inc.

Ref. No: 63793



Palomino Petroleum Inc

11-20s-34w Scott,KS

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

Job Ticket: 63793

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2017.04.22 @ 16:44:05

GENERAL INFORMATION:

Formation:

Interval:

LKC H

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester: Unit No: **Brandon Turley** 70

Time Tool Opened: 20:49:35 Time Test Ended: 01:21:05

4165.00 ft (KB) To 4214.00 ft (KB) (TVD)

Total Depth:

4214.00 ft (KB) (TVD)

Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8875 Outside

Press@RunDepth:

psig @

4166.00 ft (KB)

Capacity: 2017.04.23 Last Calib.: piag 00.0008

Start Date:

2017.04.22

End Date:

Time On Btm:

1899.12.30

Start Time:

16:44:30

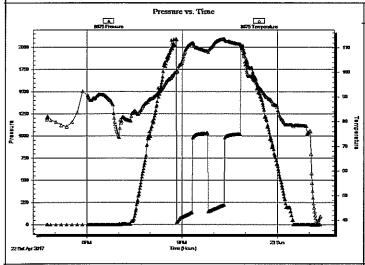
End Time:

01:21:25

Time Off Btm:

TEST COMMENT: IF: BOB in 16 min.

IS: No return. FF: BOB in 19 min. FS: No return.



PRESSURE SUMMARY

I		PI	RESSUR	E SUMMARY
1	Time	Pressure	Temp	Annotation
I	(Min.)	(psig)	(deg F)	
I				
I				
I				
I				
I				
l				
I				
1				
i				
I				
ı				

Recovery

Length (ft)	Description	Volume (bbl)
185.00	mcw 95%w 5%m	1.50
124.00	mcw 80%w 20%m	1.74
155.00	w cm 30%w 70%m	2.17
0.00	H2S 67ppm	0.00

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 63793



Palomino Petroleum Inc

11-20s-34w Scott, KS

4924 SE 84th St Newton, KS 67114 Berl #1

Job Ticket: 63793

DST#: 1

TOOL DIAGRAM

ATTN: Andrew Stenzel

Test Start: 2017.04.22 @ 16:44:05

String Weight: Initial 60000.00 lb

Final

Tool Information

Drill Pipe Above KB:

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

Length: 4030.00 ft Diameter: Length:

0.00 ft Diameter: 120.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

56.53 bbl 0.00 bb1 0.59 bbl

57.12 bbl

Tool Weight:

2000.00 lb Weight set on Packer: 30000.00 lb

60000.00 lb

Tool Chased

Weight to Pull Loose: 70000.00 lb 0.00 ft

Diameter:

12.00 ft

Depth to Top Packer: 4165.00 ft Depth to Bottom Packer: ft

Interval between Packers: 49.00 ft Tool Length: 76.00 ft Number of Packers: 2

Tool Comments:

6.75 inches

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00	.		4139.00		
Shut In Tool	5.00			4144.00		
Hydraulic tool	5.00			4149.00		
Jars	5.00			4154.00		
Safety Joint	2.00			4156.00		
Packer	5.00			4161.00	27.00	Bottom Of Top Packer
Packer	4.00			4165.00		
Stubb	1.00			4166.00		
Recorder	0.00	8166	Inside	4166.00		
Recorder	0.00	8875	Outside	4166.00		
Perforations	10.00			4176.00		
Change Over Sub	1.00			4177.00		
Drill Pipe	31.00			4208.00		
Change Over Sub	1.00			4209.00		
Bullnose	5.00			4214.00	49.00	Bottom Packers & Anchor

Total Tool Length:

76.00

Trilobite Testing, Inc Ref. No: 63793 Printed: 2017.04.28 @ 10:26:43



FLUID SUMMARY

Palomino Petroleum Inc

11-20s-34w Scott,KS

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

fţ

bbl

psig

Job Ticket: 63793

DST#: 1

ATTN: Andrew Stenzel

Test Start: 2017.04.22 @ 16:44:05

Oil API:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity: Water Loss:

53.00 sec/qt 7.18 in³ 0.00 ohm.m

Resistivity: Salinity: Filter Cake:

4000.00 ppm

Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

Water Salinity:

0 deg API 46000 ppm

1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	mcw 95%w 5%m	1.502
124,00	mcw 80%w 20%m	1.739
155.00	w cm 30%w 70%m	2.174
0.00	H2S 67ppm	0.000

Total Length:

464.00 ft

Total Volume:

5.415 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Serial #:

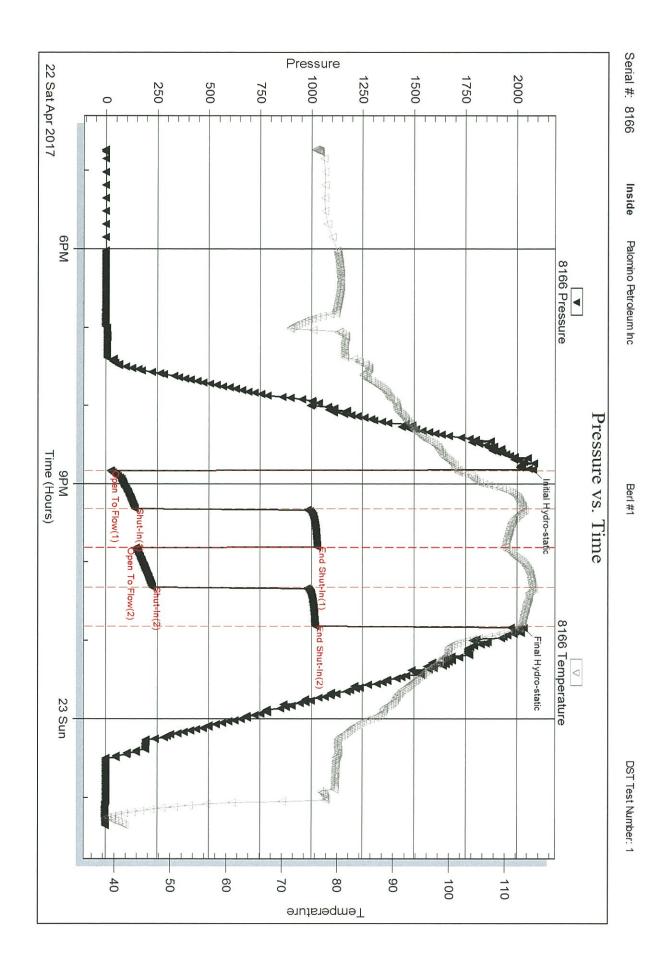
Laboratory Name:

Laboratory Location:

Recovery Comments: .29@38=46000

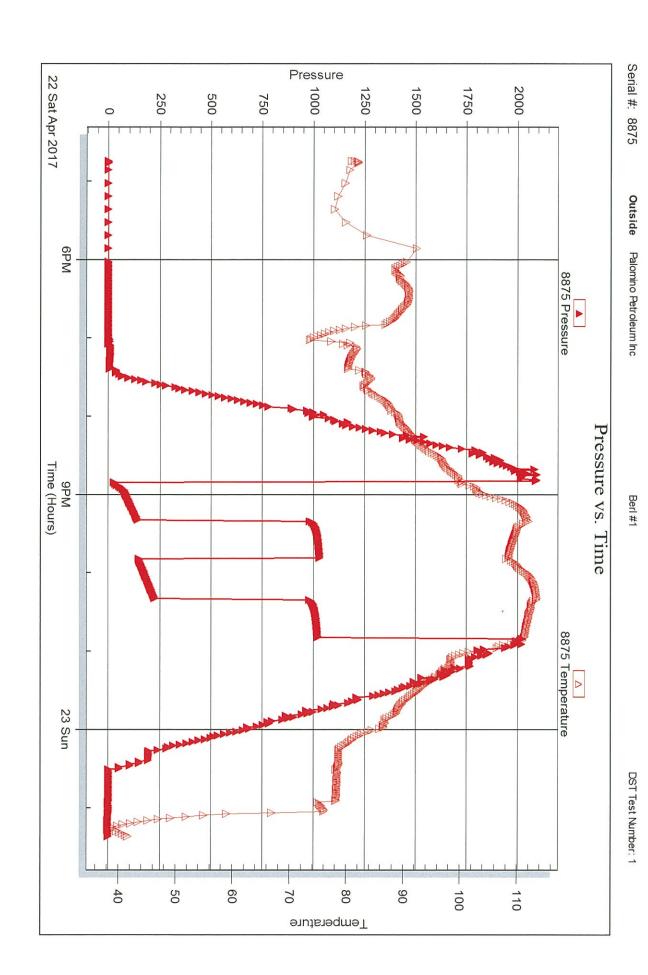
Trilobite Testing, Inc

Ref. No: 63793



Trilobite Testing, Inc

Ref. No: 63793



Trilobite Testing, Inc

Ref. No: 63793



Prepared For: Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

Berl#1

11-20s-34w Scott,KS

Start Date: 2017.04.23 @ 09:22:42
End Date: 2017.04.23 @ 15:44:12
Job Ticket #: 63794 DST #: 2

Trilobite Testing, Inc.

1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum Inc

11-20s-34w Scott, KS

4924 SE 84th St Newton, KS 67114 Berl #1 Job Ticket: 63794

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.04.23 @ 09:22:42

GENERAL INFORMATION:

Time Tool Opened: 11:38:42

Time Test Ended: 15:44:12

Formation:

LKC I No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

70

4215.00 ft (KB) To 4243.00 ft (KB) (TVD)

interval: Total Depth: Hole Diameter:

4243.00 ft (KB) (TVD)

Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8166

Inside Press@RunDepth:

450.94 psig @

4216.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 2017.04.23 09:22:47

End Date: End Time:

2017.04.23 15:44:11 Last Calib.: Time On Btm:

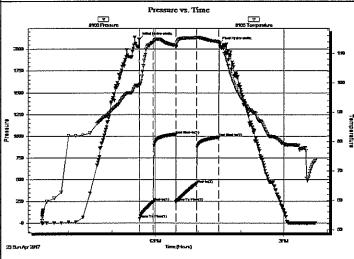
2017.04.23 2017.04.23 @ 11:38:12

Time Off Btm:

2017.04.23 @ 13:29:42

TEST COMMENT: IF: BOB in 4 min.

IS: No return. FF: BOB in 6 min. FS: No return.



PRESSURE SUMMARY							
1	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	2113,11	99.36	Initial Hydro-static			
	1	49.03	99.07	Open To Flow (1)			
	19	244.05	113.63	Shut-In(1)			
	51	1016.83	112.77	End Shut-In(1)			
1	51	242.65	112.19	Open To Flow (2)			
arger some a	80	450.94	115.31	Shut-In(2)			
7	111	984.94	113.96	End Shut-In(2)			
	112	2063.98	113.57	Final Hydro-static			
		:					
		1 !					

Recovery

Description	Volume (bbl)
water 100%w	8,67
mcw 90%w 10%m	3.31
H2S 40ppm	0.00
	w ater 100%w mcw 90%w 10%m

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 63794



Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114

Job Ticket: 63794

Berl #1

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.04.23 @ 09:22:42

GENERAL INFORMATION:

Formation:

LKC I No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset) Tester: **Brandon Turley**

Unit No:

70

Time Tool Opened: 11:38:42 Time Test Ended: 15:44:12

Interval:

4215.00 ft (KB) To 4243.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4243.00 ft (KB) (TVD)

Outside

Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8875 Press@RunDepth:

psig @

4216.00 ft (KB)

Capacity: 2017.04.23 Last Calib.: 8000.00 psig

Start Date:

2017.04,23

End Date:

Time On Btm:

2017.04.23

Start Time:

09:22:44

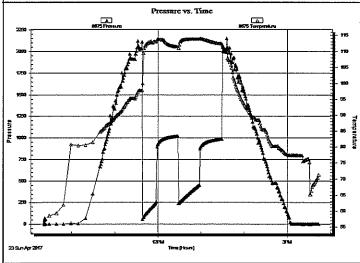
End Time:

15:44:08

Time Off Btm:

TEST COMMENT: IF: BOB in 4 min.

IS: No return. FF: BOB in 6 min. FS: No return.



PRESSURE SUMMARY

1	PRESSURE SUMMARY						
1	Time	Pressure	Temp	Annotation			
ı	(Min.)	(psig)	(deg F)				
ı							
ı							
ı							
ı							
l							
١							
١							
١							
١							

Recovery

Length (ft)	Description	Volume (bbl)
696.00	water 100%w	8.67
236.00	mcw 90%w 10%m	3.31
0.00	0 water 100%w	0.00
Recovery from r	nuttiple tests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 63794



TOOL DIAGRAM

Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114 Berl #1

Job Ticket: 63794

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.04.23 @ 09:22:42

String Weight: Initial 60000.00 lb

Final

Tool Information

Drill Collar:

Drill Pipe: Heavy Wt. Pipe: Length:

Length: 4093.00 ft Diameter: Length:

0.00 ft Diameter: 120.00 ft Diameter:

Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

57.41 bbl 0.00 bbl 0.59 bbl

58.00 bbl

Tool Weight: Weight set on Packer: 30000.00 lb

2000.00 lb

62000.00 lb

Tool Chased

Weight to Pull Loose: 70000.00 lb 0.00 ft

25.00 ft

Drill Pipe Above KB: Depth to Top Packer: Depth to Bottom Packer:

4215.00 ft ft

Interval between Packers: 28.00 ft Tool Length:

55.00 ft 2

6.75 inches

Number of Packers: Tool Comments:

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
1.00			4189.00		
5.00			4194.00		
5.00			4199.00		
5.00			4204.00		
2.00			4206.00		
5.00			4211.00	27.00	Bottom Of Top Packer
4.00			4215.00		
1.00			4216.00		
0.00	8166	Inside	4216.00		
0.00	8875	Outside	4216.00		
22.00			4238.00		
5.00			4243.00	28.00	Bottom Packers & Anchor
	1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 0.00	1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 8166 0.00 8875 22.00	1.00 5.00 5.00 5.00 2.00 5.00 4.00 1.00 0.00 8166 Inside 0.00 8875 Outside	1.00 4189.00 5.00 4194.00 5.00 4199.00 5.00 4204.00 2.00 4206.00 5.00 4211.00 4.00 4215.00 1.00 4216.00 0.00 8166 Inside 4216.00 0.00 8875 Outside 4216.00 22.00 4238.00	1.00 4189.00 5.00 4194.00 5.00 4199.00 5.00 4204.00 2.00 4206.00 5.00 4211.00 27,00 4.00 4215.00 1.00 4216.00 0.00 8166 Inside 4216.00 0.00 8875 Outside 4216.00 22.00 4238.00

Total Tool Length:

55.00

Trilobite Testing, Inc.

Ref. No: 63794



FLUID SUMMARY

Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114 Berl #1

Job Ticket: 63794

DST#: 2

ATTN: Andrew Stenzel

Test Start: 2017.04.23 @ 09:22:42

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

0 deg API

Mud Weight: Viscosity:

46.00 sec/qt

Cushion Length: Cushion Volume: ft

25000 ppm

Water Loss:

7.98 in³

Gas Cushion Type:

bbl

Resistivity: Salinity: Filter Cake:

0.00 ohm.m 5000.00 ppm 1.00 inches Gas Cushion Pressure:

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
696.00	w ater 100%w	8.670
236.00	mcw 90%w 10%m	3,310
0.00	H2S 40ppm	0.000

Total Length:

932.00 ft

Total Volume:

11.980 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial#:

Laboratory Name:

Laboratory Location:

Recovery Comments: .29@70=25000

Trilobite Testing, Inc

Ref. No: 63794

Trilobite Testing, Inc

Ref. No: 63794



Prepared For: Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

Berl#1

11-20s-34w Scott,KS

Start Date: 2017.04.24 @ 11:00:35 End Date: 2017.04.24 @ 16:56:05 Job Ticket #: 63795 DST #: 3

Trilobite Testing, Inc

1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114 Berl #1

Job Ticket: 63795

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2017.04.24 @ 11:00:35

GENERAL INFORMATION:

Formation:

LKC L

Deviated:

No

Whipstock:

ft (KB)

Time Tool Opened: 13:12:35 Time Test Ended: 16:56:05

Interval:

4336.00 ft (KB) To 4420.00 ft (KB) (TVD)

Total Depth:

4420.00 ft (KB) (TVD)

Inside

Hole Diameter:

7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: **Brandon Turley**

70

Unit No: Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 8166

Press@RunDepth:

29.79 psig @

4337.00 ft (KB)

2017.04.24

Capacity:

8000.00 psig

Start Date: Start Time: 2017.04.24 11:00:40

End Date: End Time:

16:56:04

Last Calib.: Time On Btm:

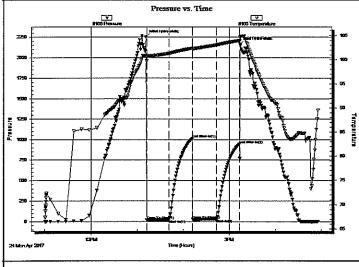
2017.04.24 2017.04.24 @ 13:11:35

Time Off Btm:

2017.04.24 @ 15:14:05

TEST COMMENT: IF: 1/4" blow died in 6 min.

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



PRESSURE SUMMARY

	TREGOGRE GOMMATA							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	2252.60	100.85	Initial Hydro-static				
	1	18.28	99.64	Open To Flow (1)				
	30	23.74	101.23	Shut-In(1)				
	61	1013.33	102.33	End Shut-In(1)				
•	61	25.52	102.15	Open To Flow (2)				
	92	29.79	102.99	Shut-In(2)				
	122	943.49	103.92	End Shut-In(2)				
	123	2164.99	104.58	Final Hydro-static				

Recovery

Description	Volume (bbl)
mud 100%m	0.02

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 63795



Palomino Petroleum Inc

11-20s-34w Scott, KS

4924 SE 84th St Newton, KS 67114

Job Ticket: 63795

Berl #1

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2017.04.24 @ 11:00:35

GENERAL INFORMATION:

Time Tool Opened: 13:12:35

Time Test Ended: 16:56:05

Formation:

LKC L No

Deviated:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

70

Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth: 4336.00 ft (KB) To 4420.00 ft (KB) (TVD)

4420.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Outside

Press@RunDepth:

Hole Diameter:

Serial #: 8875

psig @

4337.00 ft (KB)

Last Calib.:

Capacity:

8000.00 psig

Start Date:

2017.04.24

End Date:

2017.04.24

Time On Btm:

2017.04.24

Start Time:

11:00:31

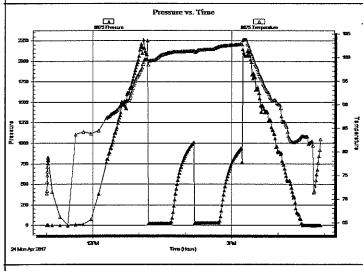
End Time:

16:55:55

Time Off Btm:

TEST COMMENT: IF: 1/4" blow died in 6 min.

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



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

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbi)		
5.00	(ft) Description mud 100%m	0.02		

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

Trilobite Testing, Inc

Ref. No: 63795



Palomino Petroleum Inc

11-20s-34w Scott, KS

4924 SE 84th St Newton, KS 67114 Berl #1

Job Ticket: 63795

DST#: 3

TOOL DIAGRAM

ATTN: Andrew Stenzel

Test Start: 2017.04.24 @ 11:00:35

Tool Information

Drill Collar:

Drill Fipe: Heavy Wt. Pipe: Length:

Length: 4219.00 ft Diameter: 0.00 ft Diameter: Length: 120.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

59.18 bbl 0.00 bbl 0.59 bbl Tool Weight:

2000.00 lb Weight set on Packer: 30000.00 lb

Total Volume: 59.77 bbl Weight to Pull Loose: 70000.00 lb Tool Chased

0.00 ft

Drill Pipe Above KB: Depth to Top Packer:

30.00 ft 4336.00 ft

String Weight: Initial 60000.00 lb

Depth to Bottom Packer:

ft

6.75 inches

Final 60000.00 lb

Interval between Packers: 84.00 ft Tool Length:

111.00 ft

2

Number of Packers: Diameter:

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4310.00		
Shut in Tool	5.00			4315.00		
Hydraulic tool	5.00			4320.00		
Jars	5.00			4325.00		
Safety Joint	2.00			4327.00		
Packer	5.00			4332.00	27.00	Bottom Of Top Packer
Packer	4.00			4336.00		
Stubb	1.00			4337.00		
Recorder	0.00	8166	Inside	4337.00		
Recorder	0.00	8875	Outside	4337.00		
Perforations	13,00			4350.00		
Change Over Sub	1,00			4351.00		
Drill Pipe	63.00			4414.00		
Change Over Sub	1.00			4415.00		
Bullnose	5.00			4420.00	84.00	Bottom Packers & Anchor

Total Tool Length:

111.00

Ref. No: 63795 Trilobite Testing, Inc Printed: 2017.04.28 @ 10:25:49



FLUID SUMMARY

0 deg API

0 ppm

Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114

Berl #1

Job Ticket: 63795

DST#: 3

ATTN: Andrew Stenzel

Test Start: 2017.04.24 @ 11:00:35

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

Viscosity:

Water Loss: Resistivity:

Salinity: Filter Cake:

50.00 sec/qt 9.58 in³ 0.00 ohm.m

60000.00 ppm 1.00 inches Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

psig

ft

bbl

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

Num Fluid Samples: 0

Num Gas Bombs:

0

Serial #:

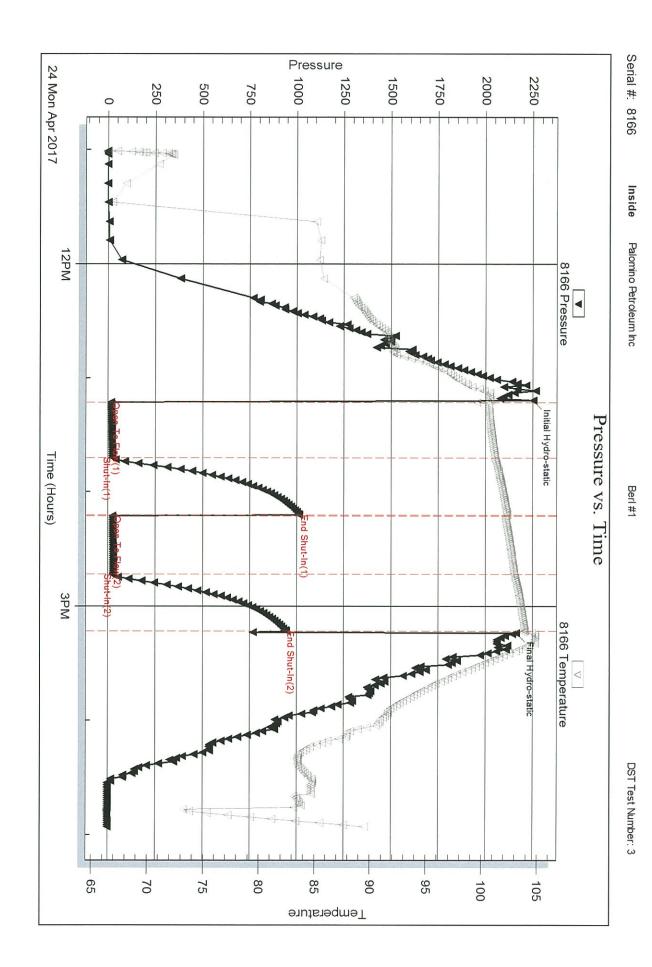
Laboratory Name:

Recovery Comments:

Laboratory Location:

Trilobite Testing, Inc

Ref. No: 63795



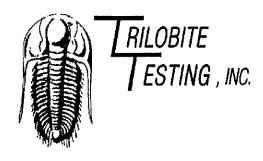
Trilobite Testing, Inc

Ref. No:

63795

Trilobite Testing, Inc

Ref. No: 63795



Prepared For: Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

Berl#1

11-20s-34w Scott,KS

Start Date: 2017.04.25 @ 06:22:39
End Date: 2017.04.25 @ 13:07:09
Job Ticket #: 63796 DST #: 4

Trilobite Testing, Inc 1515 Commerce Parkway Hays, KS 67601

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



Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St New ton, KS 67114

Job Ticket: 63796

Berl #1

DST#:4

ATTN: Andrew Stenzel

Test Start: 2017.04.25 @ 06:22:39

GENERAL INFORMATION:

Time Tool Opened: 08:50:09

Time Test Ended: 13:07:09

Formation:

Marm aton

Deviated:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No: 70

Reference Elevations:

3039.00 ft (KB)

KB to GR/CF:

3034.00 ft (CF) 5.00 ft

Interval: Total Depth:

Start Date:

Start Time:

Hole Diameter:

4447.00 ft (KB) To 4530.00 ft (KB) (TVD)

4530.00 ft (KB) (TVD)

300:00 It (NB) (1VB)

7.88 inches Hole Condition: Good

Serial #: 8166

Press@RunDepth:

Inside

106.01 psig @ 2017.04,25

06:22:44

4448.00 ft (KB) End Date:

End Time:

:

2017.04.25 13:07:08 Capacity: Last Calib.: 8000.00 psig

Time On Btm:

2017.04.25 2017.04.25 @ 08:49:09

Time Off Btm:

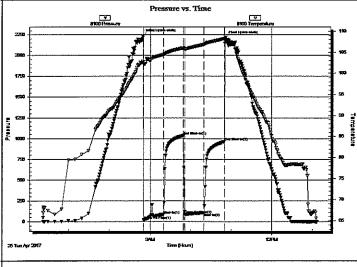
2017.04.25 @ 10:51:39

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

IS: No return.

FF: Surface blow built to 3"

FS: No return.



PRESSURE SUMMARY

	Time	Pressure	Temp	Annotation			
	(Min.)	(psig)	(deg F)				
	0	2234.93	102.73	Initial Hydro-static			
	1	18.69	102.12	Open To Flow (1)			
	31	83.26	104.41	Shut-In(1)			
	60	1034.46	105.98	End Shut-In(1)			
•	62	86.26	105.64	Open To Flow (2)			
	91	106.01	106.84	Shut-In(2)			
	121	961.49	108.23	End Shut-In(2)			
	123	2213.31	108.27	Final Hydro-static			
				-			

Recovery

Length (ft)	Description	Volume (bbl)
124.00	w cm 5%w 95%m	0.65
62.00	mud oil spots 100%m	0.87
* Recovery from r	rufficie tests	

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 63796



Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114

Job Ticket: 63796

Berl #1

DST#:4

ATTN: Andrew Stenzel

Test Start: 2017.04.25 @ 06:22:39

GENERAL INFORMATION:

Formation:

Marmaton

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Reset) Tester:

Unit No: 70

Brandon Turley

Time Tool Opened: 08:50:09 Time Test Ended: 13:07:09

4447.00 ft (KB) To 4530.00 ft (KB) (TVD)

Total Depth:

4530.00 ft (KB) (TVD)

Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8875 Press@RunDepth: Outside

psig @

4448.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time:

2017,04.25

End Date:

2017.04.25 13:06:33

Time On Btm:

2017.04.25

06:22:09 End Time:

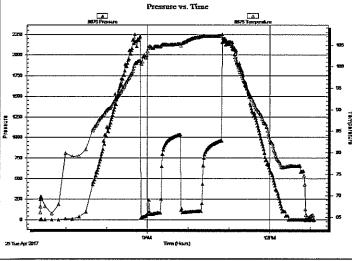
Time Off Btm:

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

IS: No return.

FF: Surface blow built to 3"

FS: No return.



PRESSURE SUMMARY

Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
5				
Temperature				
Ē				

Recovery

Length (ft)	Description	Volume (bbl)
124.00	w cm 5%w 95%m	0.65
62.00	mud oil spots 100%m	0.87
	<u> </u>	
*Recovery from r	m šlinka tacts	

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 63796



TOOL DIAGRAM

Palomino Petroleum Inc

11-20s-34w Scott, KS

4924 SE 84th St Newton, KS 67114 Berl #1

Job Ticket: 63796

DST#: 4

ATTN: Andrew Stenzel

Test Start: 2017.04.25 @ 06:22:39

Tool Information

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

Length: 4316.00 ft Diameter:

0.00 ft Diameter: 120.00 ft Diameter:

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

60.54 bbl 1dd 00.0 0.59 bbl

61.13 bbl

Tool Weight:

2000.00 lb Weight set on Packer: 30000.00 lb

Tool Chased

Weight to Pull Loose: 70000.00 lb 0.00 ft

16.00 ft Drill Pipe Above KB: Depth to Top Packer: 4447.00 ft

Depth to Bottom Packer: Interval between Packers: 83.00 ft Tool Length:

110.00 ft

2 Diameter:

ft

6.75 inches

String Weight: Initial 60000.00 lb Final 60000.00 lb

Number of Packers: Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Lengar (11)	Serial No.	PUSILIUM	Debru (ir)	Accum. Lenguis	
Change Over Sub	1.00			4421.00		
Shut In Tool	5.00			4426.00		
Hydraulic tool	5.00			4431.00		
Jars	5.00			4436.00		
Safety Joint	2.00			4438.00		
Packer	5.00			4443.00	27.00	Bottom Of Top Packer
Packer	4.00			4447.00		
Stubb	1.00			4448.00		
Recorder	0.00	8166	Inside	4448.00		
Recorder	0.00	8875	Outside	4448.00		
Perforations	13,00			4461.00		
Change Over Sub	1.00			4462.00		
Drill Pipe	62.00			4524.00		
Change Over Sub	1.00			4525.00		
Bullnose	5.00			4530.00	83.00	Bottom Packers & Anchor

Total Tool Length:

110.00

Ref. No: 63796 Trilobite Testing, Inc. Printed: 2017.04.28 @ 10:25:18



FLUID SUMMARY

Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114 Berl #1 Job Ticket: 63796

ft

bbl

psig

DST#:4

ATTN: Andrew Stenzel

Test Start: 2017.04.25 @ 06:22:39

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

Viscosity:

Water Loss:

Resistivity:

Salinity: Filter Cake: 50.00 sec/qt 9.58 in³

9.00 lb/gal

0.00 ohm.m 6000.00 ppm 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API: Water Salinity: 0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft		
124.00	w cm 5%w 95%m	0.646
62.00	mud oil spots 100%m	0.870

Total Length:

186.00 ft

Total Volume:

1.516 bbl

0

Num Fluid Samples: 0

Laboratory Name:

Num Gas Bombs:

Serial#:

Recovery Comments:

Laboratory Location:

Trilobite Testing, Inc

Ref. No: 63796

Serial #: 8166

Inside

Palomino Petroleum Inc

Berl #1

DST Test Number: 4

65

70

75

80

85

Temperature

90

95

100

105

110

Temperature

Serial #: 8875

Outside

Palomino Petroleum Inc

Berl #1

DST Test Number: 4

Trilobite Testing, Inc

Ref. No:

63796



Prepared For: Palomino Petroleum Inc

4924 SE 84th St Newton, KS 67114

ATTN: Andrew Stenzel

Berl#1

11-20s-34w Scott,KS

Start Date: 2017.04.26 @ 00:47:41 End Date: 2017.04.26 @ 08:12:11 Job Ticket #: 63797 DST #: 5

Trilobite Testing, Inc.

1515 Commerce Parkway Hays, KS 67601

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

Printed: 2017.04.28 @ 10:18:19



Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St New ton, KS 67114 Berl #1 Job Ticket: 63797

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2017.04.26 @ 00:47:41

GENERAL INFORMATION:

Time Tool Opened: 03:54:11

Time Test Ended: 08:12:11

Formation:

Pawnee - Ft Scott

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset) **Brandon Turley**

Tester:

Unit No: 70

Interval:

4524.00 ft (KB) To 4595.00 ft (KB) (TVD)

Total Depth:

4595.00 ft (KB) (TVD)

Reference Elevations:

3039.00 ft (KB)

3034.00 ft (CF)

Hole Diameter:

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 8166

Press@RunDepth:

Inside

78.90 psig @

4525.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2017.04.26 00:47:46

End Date: End Time: 2017.04.26 08:12:10 Last Calib.: Time On Btm:

1054.77

2252.44

119

127

2017.04.26 2017.04.26 @ 03;53;41

Time Off Btm:

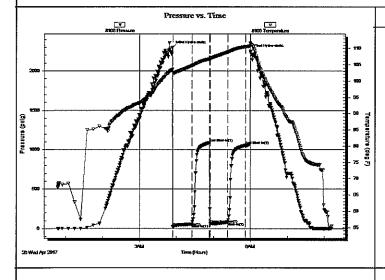
2017.04.26 @ 06:00:11

TEST COMMENT: IF: BOB in 15 min.

IS: Surface blow built to 1 1/2"

FF: BOB in 8 min.

FS: Surface blow built to 5"



Time Pressure Temp Annotation (Min.) (psig) (deg F) 2292.11 Initial Hydro-static 0 103.48 102.68 Open To Flow (1) 21.40 1 31 54.56 104.72 Shut-In(1) 60 1086.00 106.82 End Shut-In(1) 61 61.15 Open To Flow (2) 107.18 78.90 89 108.87 Shut-In(2)

110.57

PRESSURE SUMMARY

Final Hydro-static 111.32

End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
36.00	go 10%g 90%o	0.18
93.00	gocm 10%g 10%o 80%m	0.54
62.00	gocm 20%g 10%o 70%m	0.87
0.00	801 GIP	0.00
Recovery from r	nultiple tests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 63797

Printed: 2017.04.28 @ 10:18:20



Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114

Job Ticket: 63797

Berl #1

DST#:5

ATTN: Andrew Stenzel

Test Start: 2017.04.26 @ 00:47:41

GENERAL INFORMATION:

Time Tool Opened: 03:54:11

Time Test Ended: 08:12:11

Formation:

Pawnee - Ft Scott

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

70

Interval:

4524.00 ft (KB) To 4595.00 ft (KB) (TVD)

4595.00 ft (KB) (TVD)

Total Depth: Hole Diameter:

7.88 inches Hole Condition: Good

Reference Elevations:

3039.00 ft (KB) 3034.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 8875 Press@RunDepth:

Outside

psig @

4525.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2017.04.26

End Date:

2017.04.26

Last Calib .: Time On Btm: 2017.04.26

Start Time:

00:47:34

End Time:

08:11:28

Time Off Btm:

TEST COMMENT: IF: BOB in 15 min.

IS: Surface blow built to 1 1/2"

FF: BOB in 8 min.

FS: Surface blow built to 5"

	PRESSURE SUMMARY			
	Time	Pressure		Annotation
	(Min.)	(psig)	(deg F)	
Panayana	Gas Rates			

Recovery

Length (ft)	Description	Volume (bbl)				
36.00	go 10%g 90%o	0.18				
93.00	gocm 10%g 10%o 80%m	0.54				
62.00	gocm 20%g 10%o 70%m	0.87				
0.00	801 GIP	0.00				
* Recovery from multiple tests						

Gas Rates

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

Trilobite Testing, Inc

Ref. No: 63797

Printed: 2017.04.28 @ 10:18:20



TOOL DIAGRAM

Palomino Petroleum Inc

11-20s-34w Scott,KS

4924 SE 84th St Newton, KS 67114 Berl #1 Job Ticket: 63797

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2017.04.26 @ 00:47:41

Final

Tool Information

Drill Pipe Above KB:

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

Length:

Length: 4407.00 ft Diameter: 0.00 ft Diameter: 120.00 ft Diameter:

30.00 ft

3.80 inches Volume: 0.00 inches Volume: 2.25 inches Volume:

Total Volume:

61.82 bbl 0.00 bbl 0.59 bbl Tool Weight: Weight set on Packer: 30000.00 lb

2000.00 lb Weight to Pull Loose: 750000.0 lb

60000.00 lb

62.41 bbl Tool Chased 0.00 ft

String Weight: Initial 60000.00 lb

Depth to Top Packer: 4524.00 ft Depth to Bottom Packer: ft

71.00 ft Interval between Packers: 98.00 ft Tool Length:

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			4498.00		
Shut In Tool	5.00			4503.00		
Hydraulic tool	5.00			4508.00		
Jars	5.00			4513.00		
Safety Joint	2.00			4515,00		
Packer	5.00			4520.00	27.00	Bottom Of Top Packer
Packer	4.00			4524.00	***************************************	
Stubb	1.00			4525.00		
Recorder	0.00	8166	Inside	4525.00		
Recorder	0.00	8875	Outside	4525.00		
Perforations	1.00			4526.00		
Change Over Sub	1.00			4527.00		
Drill Pipe	62.00			4589.00		
Change Over Sub	1.00			4590.00		
Bullnose	5.00			4595.00	71.00	Bottom Packers & Anchor

Total Tool Length:

98.00

Trilobite Testing, Inc Ref. No: 63797 Printed: 2017.04.28 @ 10:24:30



FLUID SUMMARY

31 deg API

0 ppm

Palomino Petroleum Inc

11-20s-34w Scott,KS

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

Job Ticket: 63797

DST#: 5

ATTN: Andrew Stenzel

Test Start: 2017.04.26 @ 00:47:41

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Mud Weight: Viscosity:

Water Loss:

Resistivity: Salinity:

Filter Cake:

49.00 sec/qt 7.99 in³

0.00 ohm.m 6000.00 ppm 1.00 inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type: Gas Cushion Pressure: bbl

ft

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
36.00	go 10%g 90%o	0.177
93.00	gocm 10%g 10%o 80%m	0.539
62.00	gocm 20%g 10%o 70%m	0.870
0.00	801 GIP	0.000

Total Length:

191.00 ft

Total Volume:

1.586 bbl

0

Num Fluid Samples: 0

Num Gas Bombs:

Serial#:

Laboratory Name:

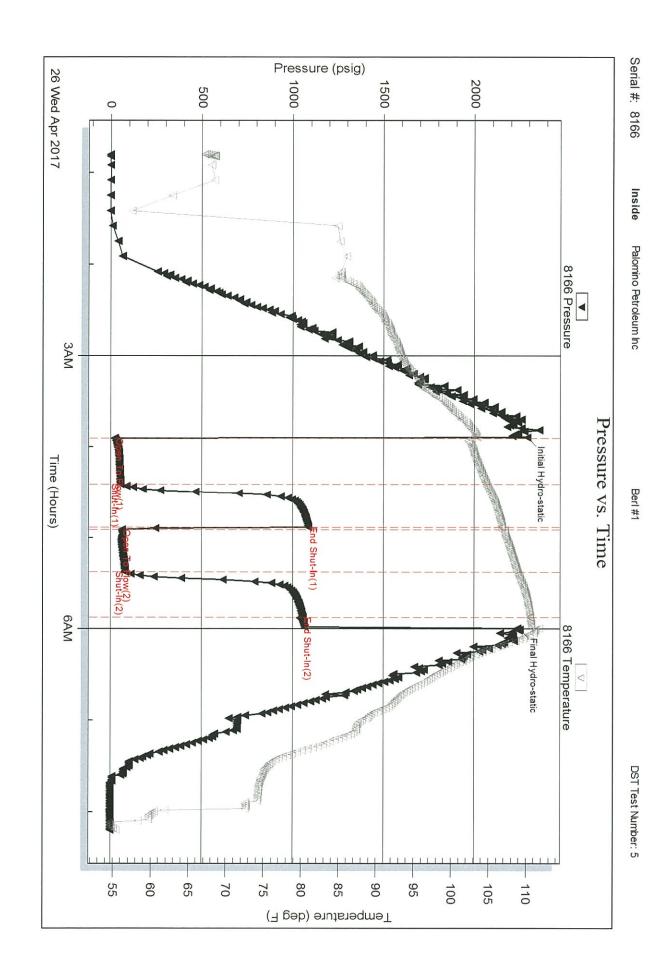
Laboratory Location:

Recovery Comments: 29@40=31

Trilobite Testing, Inc

Ref. No: 63797

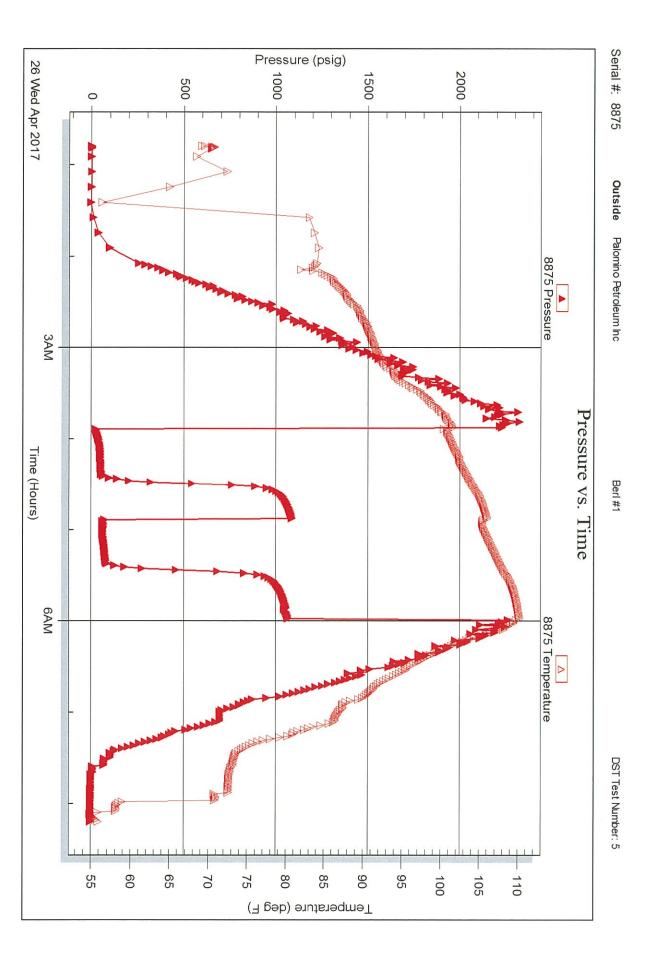
Printed: 2017.04.28 @ 10:24:30



Trilobite Testing, Inc

Ref. No:

Printed: 2017.04.28 @ 10:24:30



Trilobite Testing, Inc

Ref. No: 63797

Printed: 2017.04.28 @ 10:24:30



NO.

	.1					
Well Name & No. Ber/	#/		_Test No	/	Date 4-22	-/7
Company Palomino	Petroleum				кв 303	
	th st 1		The second secon	-4 4	4	
Co. Rep / Geo. Andrew	Stenze.				#2	
Location: SecTwp	205 Rge		Co. 50		State	K5
Interval Tested 4/65	42/4 zor	ne Tested	kc -	H		
Anchor Length	49 Dril	Pipe Run	4030)	Mud Wt	2
Top Packer Depth	4160 Dril	Collars Run	120		Vis53	7
Bottom Packer Depth	4/65 Wt.	Pipe Run	-		WL 7.2	
Total Depth	42/4 Chl	orides 400	O pp	om System	LCM Z	
Blow Description <u>IF</u> : Bob	3 in 16 1	nin,				
£31No	return.	,				
FF, BOB		ynu				
1	return	1				
Rec 155 Feet of WCM			%gas	%oil	30 %water	70 %mud
Rec 124 Feet of MCW)		%gas	%oil	80 %water	ZO %mud
Rec 186 Feet of MCU			%gas	%oil	95 %water	5 %mud
Rec Feet of	75 6'	7000	%gas	%oil	%water	%mud
RecFeet of	01	Ppm	%gas	%oil	%water	%mud
Rec Total 465 BHT	113 Gravity	AP	1RW - 29	@ 38 °F	Chlorides 46	000 ppm
(A) Initial Hydrostatic 2078	S Tes	1150		T-On Lo	ocation /6:	10
(B) First Initial Flow 2/	🗹 Jars	250		T-Starte	ed /6:4	_
(C) First Final Flow	Safe	ety Joint75	5	T-Open		-
(D) Initial Shut-In		Sub N/C		T-Pulle	1 ' -7/1	<i></i>
(E) Second Initial Flow		irly Standby		T-Out _		
(F) Second Final Flow 224	Mile	eage 42 -	31.50	Comme	ents	
(G) Final Shut-In	🗆 San	npler		_		
(H) Final Hydrostatic 2034	🗆 Stra	iddle		D_ Rui	ned Shale Packer_	
		le Packer			ned Packer	
Initial Open 30		a Packer		- 110	ra Copies	
Initial Shut-In 30		a Recorder		_ LA	•	
Final Flow		Standby				
Final Shut-In		essibility			ST Disc't	
		al 1506.50				
Approved By		Our Re	presentative_	The state of the s	-	
Trilobite Testing Inc. shall not be liable for damaged of any kind equipment, or its statements or opinion concerning the results of	of the property or personnel of of any test, tools lost or damag	the one for whom a test	is made or for any lo	oss suffered or sustai	ned, directly or indirectly, that is made.	rough the use of its



NO.

Well Name & No. Ber	1 #1	Test No.	Z Date	4-23-17
Company Palomino	etroleum inc			3034 GL
Address				
Co. Rep/Geo. Andrew		Rig	WW#2	
Location: SecTwp	205 Rge. 34W	_co5co	//	State K5
Interval Tested 4215	4243 Zone Tested	I		
Anchor Length		4093	Mud Wt.	9.2
Top Packer Depth	4216 Drill Collars Run	120	Vis	46
Bottom Packer Depth	4215 Wt. Pipe Run		WL	8,0
Total Depth	4243 Chlorides 50	000 ppm	System LCM	
Blow Description	in 4 min.			
IS: No	return.			
FFI BOB	in 6 mins			
	return.			
Rec 236 Feet of MCW)	%gas	%oil 90 %	%water /D %mud
Rec 696 Feet of wat	er	%gas	%oil /00	%water %mud
RecFeet of		%gas	%oil °	%water %mud
RecFeet of	125 40 ppm	%gas	%oil 9	%water %mud
RecFeet of	20 /- //	%gas	%oil	%water %mud
Rec Total 932 BHT	Gravity	APIRW 29 @	70 °F Chloride	s 25,000 ppm
(A) Initial Hydrostatic 2/1/3)	T-On Location	8:30
(B) First Initial Flow 49				
(C) First Final Flow 244	Safety Joint	75	T-Open/	a . O
(D) Initial Shut-In 16/6		11/6	10 10 10 10 10 10 10 10 10 10 10 10 10 1	3:28
(E) Second Initial Flow 242				5:50
(F) Second Final Flow 450	Mileage <u>42</u> -	31.50	Comments	
(G) Final Shut-In 984	Sampler		-	
(H) Final Hydrostatic 2663	Straddle		C Ruined Shale	Packer
7.5	☐ Shale Packer		- Hamou ondio	
Initial Open	Extra Packer		- Hamod Factor	er
Initial Shut-In30	Extra Recorder _		- Extra dopies	0
Final Flow	☐ Day Standby			6.50
Final Shut-In	30 🗆 Accessibility			
		6.50	1501 51001	
Approved By	Ou	r Representative		3
Trilobite Testing Inc. shall not be liable for damaged of any kin equipment, or its statements or opinion concerning the result	nd of the property or personnel of the one for whom a	a test is made or for any loss	suffered or sustained, directly o	r indirectly, through the use of its
		, of the put	, inv tout to iniuou.	



NO.

		./					
THE RESIDENCE OF THE PROPERTY	BErl	#/		Test No	3	Date 4-2	1-17
Company Pa/	omino Pe	troleum	,	Elevation,	3039	кв_30_	34 GL
Address			,				
Co. Rep / Geo.		Stenze	2/	Rig	WW	#2	
Location: Sec.	// Twp	205 Rg	e. 34W	_co <i>S</i>	co++	State	55
Interval Tested 43		4420	Zone Tested	LKC	1		
Anchor Length		84	Drill Pipe Run _	4219		Mud Wt	4
Top Packer Depth		1107/	Drill Collars Run	120		Vis50	7
Bottom Packer Depth		4336	Wt. Pipe Run	-		WL 9,6	
Total Depth		4420	Chlorides 60	900 p	pm System	LCM	
Blow Description	IF! Y	4 blow	died in	1 6 min			
	#5: NO	return.					
	FF! NO	blow,					
	5: No 1	return.					
Rec_ 5	Feet of Mu	d		%gas	%oil	%water	/00%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 Total5	BHT	163 Gra	vity	API RW	_@	Chlorides	ppm
(A) Initial Hydrostatic_	225	Z	Test1150		T-On L	ocation 10:	
(B) First Initial Flow			Jars2	50	T-Starte	ed //: C	
(C) First Final Flow			Safety Joint	75	T-Oper	/3.7	2
(D) Initial Shut-In	1013		Circ Sub	110	T-Pulle		
(E) Second Initial Flow	25		Hourly Standby _			17:00	
(F) Second Final Flow	29		Mileage 4Z	31.50	Comme	ents	
(G) Final Shut-In	943		Sampler				
(H) Final Hydrostatic_	2169		Straddle			ined Shale Packer_	
			Shale Packer		_ 1101	ined Shale Facker_	
Initial Open 30			Extra Packer				
Initial Shut-In	30		Extra Recorder		_ Lxt	ra Copies tal0	
Final Flow	30	2	Day Standby				
Final Shut-In		. > 0	Accessibility			ST Disc't	
			b Total 1506.		_		
Approved By			Our	Representative	-	3	
Trilobite Testing Inc. shall not be equipment, or its statements or o	liable for damaged of any lopinion concerning the resu	kind of the property or perso ults of any test, tools lost or	annel of the one for whom a	test is made or for any l	oss suffered or susta	ined, directly or indirectly, to st is made.	hrough the use of its



NO.

4710								
Well Name & No.	Berl	#/		Test No	4	Date	4-2:	5-17
Company Palo	mino 1	Petrole	un	Elevation	3039		303	
Address	1							
Co. Rep / Geo.	Andrew	Ster	1201	Rig	WW	#2		
Location: Sec.	//Twp	203 F	ige. 34W	Co	Scott		State	K5
Interval Tested 44	47	4530	Zone Tested	Mari	naton			
Anchor Length		83	Drill Pipe Run			Mud Wt.	9:	7
Top Packer Depth		4442	Drill Collars Rur	120		Vis	50	
Bottom Packer Depth_		4447	Wt. Pipe Run_			WL	9,6	
Total Depth		4530	Chlorides 6	000	ppm System	LCM	/	
Blow Description	IF: 14	6/0W 1	built to	3岁.				
	,	retur.						
F	Fi Surfac)	to 3,				
	/ 1 . 1	eturn.						
Rec 62				%gas	%oil		%water	100 %mud
Rec124	Feet of WCN	r i		%gas	%oil	_	%water	95%mud
Rec	Feet of			%gas	%oil		%water	%mud
Rec	Feet of			%gas	%oil		%water	%mud
Rec	Feet of			%gas	%oil		%water	%mud
Rec Total	5 внт _	108 G	ravity	_API RW	- @ °	F Chlorid	es	ppm
(A) Initial Hydrostatic_		/	₫ Test115	50	T-On I	ocation _	5:5	
(B) First Initial Flow	/8	-	Jars 2	50	T-Star	ted	6:2	
(C) First Final Flow	83	-	Safety Joint	75	T-Ope	n	8:4	8
(D) Initial Shut-In	1034		1 Circ Sub		T-Pulle	ed/	10:4	8
(E) Second Initial Flow	86		Hourly Standby		T-Out	/.	3.0	2
(F) Second Final Flow	166		Mileage 42		Comm	nents		
(G) Final Shut-In	961		Sampler					
(H) Final Hydrostatic	22/3							
(.,,			Straddle			ined Shal	e Packer_	
Initial Open 30			Shale Packer			ined Pack	er	
Initial Shut-In	30		Extra Packer			tra Copies	3	
	30		Extra Recorder			otalC		
Final Flow		30	Day Standby			1506.	50	
Final Shut-In			Accessibility		MP/D	ST Disc't		
1	0 - 0	1 8	Sub Total 150	6.50				
Approved By	of on	1	0	ur Representative			1	



RILOBITE ESTING INC.

Test Ticket

1515 Commerce Parkway · Hays, Kansas 67601

NO.

Well Name & No. Ber/#/	Test No	5 Date 4-26-17
Company Palomino Petr	roleum Elevation	3039 KB 3034 GL
Address		//
	nze/ Rig_	WW #2
Location: Sec	Rge. 34w Co. 52	cott State KS
Interval Tested 4524 459	5 Zone Tested Pawner	- Ft Scott
Anchor Length	Drill Pipe Run 4407	Mud Wt. 9, 3
Top Packer Depth 451	Drill Collars Run 120	
Bottom Packer Depth	Wt. Pipe Run	WL 8,0
Total Depth	Chlorides 6000 p	pm System LCM
Blow Description	15 min,	
IS: Surface	blow built to	15.
IF1 308 in	8 min.	
FS: Surface	blow built to 5,	
Rec 36 Feet of 90	/O %gas	90 %oil %water %mud
Rec 93 Feet of 90cm	/6 %gas	10 %oil %water 80 %mud
Rec 62 Feet of 90CM	Z Ó %gas	10 %oil %water 70 %mud
Rec Feet of	GIP %gas	%oil %water %mud
RecFeet of	%gas	%oil %water %mud
Rec Total	Gravity 3/ API RW —	@°F Chloridesppm
(A) Initial Hydrostatic 2292	☑ Test1150	T-On Location
(B) First Initial Flow 2/	M Jars 250	T-Started
(C) First Final Flow	Safety Joint 75	T-Open
(D) Initial Shut-In	Of Circ Sub _ N/L	T-Pulled 5:52
(E) Second Initial Flow6/	☐ Hourly Standby	T-Out 8:14
(F) Second Final Flow	M Mileage 42-x2 63	Comments 18900 9+ 9:00
(G) Final Shut-In	☐ Sampler	4-27-17
(H) Final Hydrostatic <u>ZZ52</u>	☐ Straddle	
	☐ Shale Packer	- Hamed Offale Facker
Initial Open	☐ Extra Packer	- Hullied Facker
Initial Shut-In	□ Extra Recorder	= Extra copies
Final Flow	☐ Day Standby	
Final Shut-In 30	☐ Accessibility	
10.11	Sub Total 1538	3
Approved By Jand Bayl	Our Representative	
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property of equipment, or its statements or opinion concerning the results of any test, tools	r personnel of the one for whom a test is made, or for any l lost or damaged in the hole shall be paid for at cost by the p	loss suffered or sustained, directly or indirectly, through the use of its party for whom the test is made.