

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

New Well  Re-Entry  Workover

Oil  WSW  SWD

Gas  DH  EOR

OG  GSW

CM (Coal Bed Methane)

Cathodic  Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Deepening  Re-perf.  Conv. to EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27  NAD83  WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

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  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Remit To: Hurricane Services, Inc.  
 250 N. Water, Suite 200  
 Wichita, KS 67202  
 316-303-9515

Customer:  
 PALOMINO PETROLEUM INC  
 4924 SE 84TH ST  
 NEWTON, KS 67114-8827

Invoice Date: 3/29/2022  
 Invoice #: 0359703  
 Lease Name: Casablanca  
 Well #: 1 (New)  
 County: Scott, Ks  
 Job Number: WP2597  
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	200.000	20.700	4,140.00
Light Eq Mileage	60.000	2.000	120.00
Heavy Eq Mileage	60.000	4.000	240.00
Ton Mileage	564.000	1.500	846.00
Depth Charge 0'-500'	1.000	920.000	920.00
Cement Blending & Mixing	200.000	1.288	257.60

**Total** 6,523.60

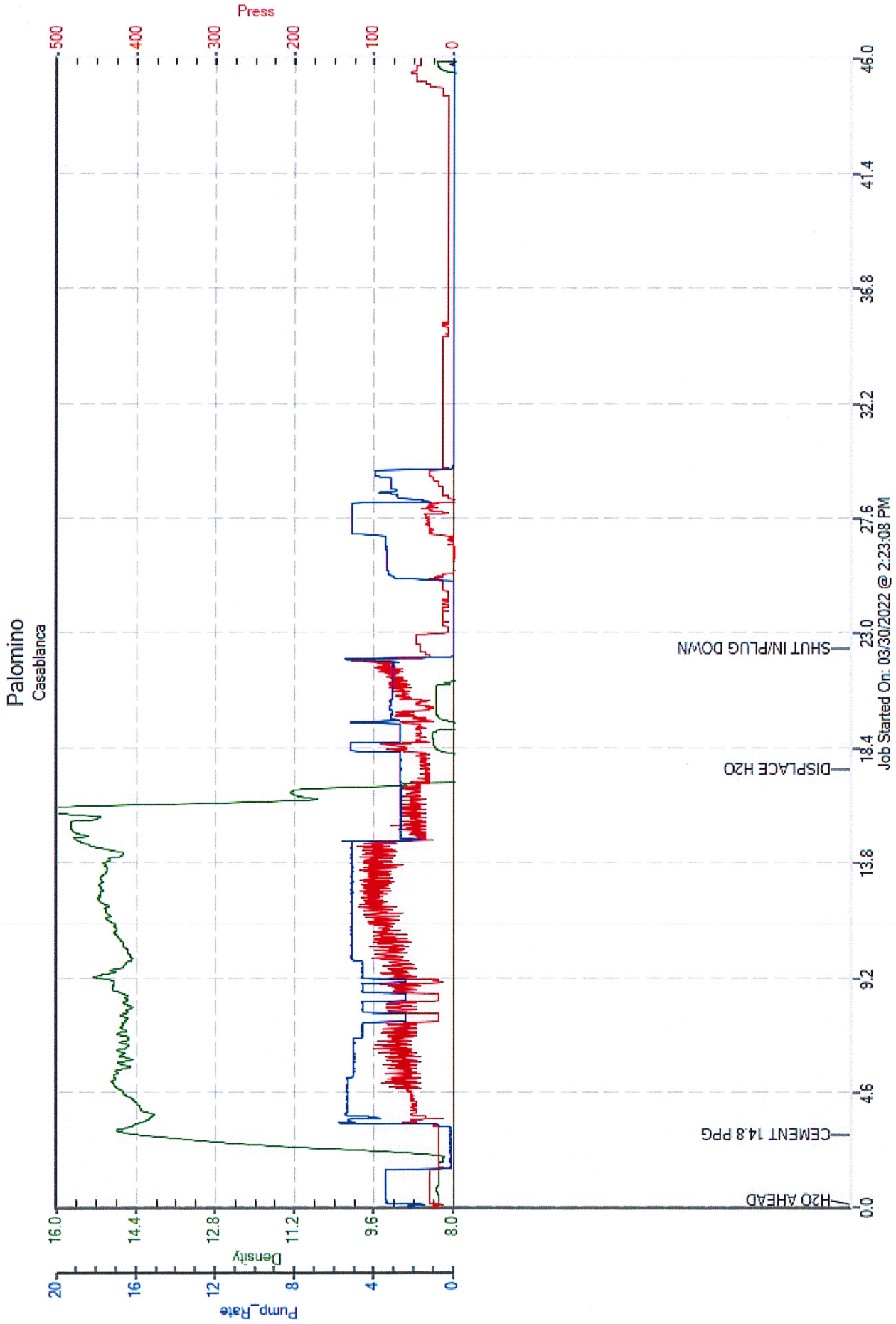
**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

**SALES TAX:** Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

**WE APPRECIATE YOUR BUSINESS!**











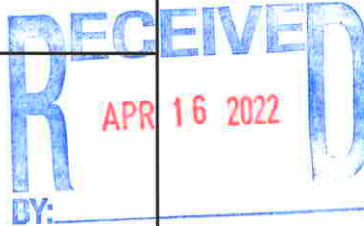
P. O. Box 466  
Ness City, KS 67560  
Off: 785-798-2300



# Invoice

DATE	INVOICE #
4/9/2022	35370

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



- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Casablanca	Scott	Murfin Drilling	Oil	Development	2 stage longstring	Jonathan
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				80	Miles	6.00	480.00
579D	Pump Charge - Two-Stage & Top To Bottom LongString				1	Job	2,050.00	2,050.00
290	D-Air				7	Gallon(s)	42.00	294.00T
281	Mud Flush				500	Gallon(s)	1.50	750.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00
403-5	5 1/2" Cement Basket				4	Each	275.00	1,100.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	325.00	325.00T
408-5	5 1/2" D.V. Tool & Plug Set				1	Each	3,375.00	3,375.00T
409-5	5 1/2" Turbolizer				15	Each	90.00	1,350.00T
417-5	5 1/2" D.V. Latch Down Plug & Baffle				1	Each	200.00	200.00T
325	Standard Cement				175	Sacks	14.50	2,537.50T
284	Calseal				16	Sack(s)	40.00	640.00T
283	Salt				950	Lb(s)	0.25	237.50T
285	CFR-1				83	Lb(s)	5.00	415.00T
276	Flocele				165	Lb(s)	3.00	495.00T
329-8	60/40 Pozmix (8% Gel)				460	Sacks	12.00	5,520.00T
581D	Service Charge Cement				635	Sacks	2.00	1,270.00
583D	Drayage				2,342.16	Ton Miles	1.00	2,342.16
Subtotal								23,481.16
Sales Tax Scott County								8.50% 1,465.32
<b>We Appreciate Your Business!</b>							<b>Total</b>	\$24,946.48



CHARGE TO: Palomina Petroleum  
 ADDRESS  
 CITY, STATE, ZIP CODE

TICKET **35370**

PAGE 1 OF 2

SERVICE LOCATIONS 1. <u>Hays, KS</u>	WELL/PROJECT NO. <u># 2</u>	LEASE <u>Casa Blanca</u>	COUNTY/PARISH <u>Scott</u>	STATE <u>KS</u>	CITY	DATE <u>04/02/22</u>	OWNER <u>Same</u>
2. <u>Ness City, KS</u>	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Murfin Drilling</u>	RIG NAME/NO. <u>Rig 21</u>	SHIPPED VIA <u>CT</u>	DELIVERED TO <u>Location</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>2 Stage Long String</u>	WELL PERMIT NO.		WELL LOCATION	
4.	INVOICE INSTRUCTIONS						
REFERRAL LOCATION							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #110	80	mi			6.00	480.00
579		1			Pump Charge - Two Stage Long String	1	EA			2050.00	2050.00
290		1			D-Air	7	gal			42.00	294.00
281		1			Mud Flush	500	gal			1.50	750.00
221		1			Liquid KCL	4	gal			25.00	100.00
403		2			Cement Basket 5 1/2"	4	EA			275.00	1100.00
407		2			Insert Float Shoe w/ Auto Fill 5 1/2"	1	EA			325.00	325.00
408		2			D.V. Tool 5 1/2"	1	EA			3375.00	3375.00
409		2			Turbolizer 5 1/2"	15	EA			90.00	1350.00
417		2			D.V. Latch Down Plug + Baffle 5 1/2"	1	EA			200.00	200.00

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X [Signature]

DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  A.M.  P.M.

REMIT PAYMENT TO:  
 SWIFT SERVICES, INC.  
 P.O. BOX 466  
 NESS CITY, KS 67560  
 785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE	
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				Page 2 10,024.00
WE UNDERSTOOD AND MET YOUR NEEDS?				PAGE TOTAL Page 2 13,457.00
OUR SERVICE WAS PERFORMED WITHOUT DELAY?				SWD 23,481.00
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?				Scott 1465.32
ARE YOU SATISFIED WITH OUR SERVICE? <input type="checkbox"/> YES <input type="checkbox"/> NO				TOTAL 24,946.48
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				

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

SWIFT OPERATOR [Signature] APPROVAL \_\_\_\_\_

Thank You!



PO Box 466  
Ness City, KS 67560  
Off: 785-798-2300

TICKET CONTINUATION

TICKET No. 35370

CUSTOMER Palomina Petroleum WELL Casablanca #1 DATE 04/09/22 PAGE 2 OF 2

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			QTY.	U/M		
325		2				Standard Cement	175	SKS	14.50	2537.50
294		2				Cal Seal	16	SKS	40.00	640.00
283		2				Salt	950	lbs	0.25	237.50
295		2				CFR-1	83	lbs	5.00	415.00
276		2				Flocele	165	lbs	3.00	495.00
329-8		2				60/40 Pozmix (80% Gcl)	440	SKS	12.00	5280.00
581		RS				SERVICE CHARGE Cement			2.00	1270.00
583		RS				MILEAGE CHARGE			1.00	2342.00
						TOTAL WEIGHT 58,554				
						LOADED MILES 80				
						TON MILES 2342.16				

CONTINUATION TOTAL 13,457.10

JOB LOG

SWIFT Services, Inc.

DATE PAGE NO.

04/09/22 1

CUSTOMER *Palomina Petroleum* WELL NO. *#1* LEASE *Casablanca* JOB TYPE *2 Stage L.S.* TICKET NO. *35370*

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	2100							On location with Float Equip.
								TJ-4920'
								Total Pipe Ran - 118 Jts of 5 1/2" x 15.5" 4904.73', set @ 4915'
								Shoe Joint - 42.4'
								D.V. on collar of #49 @ 2816'
								Baskets - #49, 70, 80, 96
								Turbos - 1, 2, 3, 8, 9, 10, 11, 12, 13, 120, 14, 50, 70, 80, 96
	2130							Start Casing w/F.I.E.
	2230							Break Circ on Btm
	0130	5	12			400		Pump Mud flush
		5	20			400		Pump KCL spacer
		4				400		Take on 2 Tanks of Mud from Rig
	0240	4	42			vac		Start Cement
		6						Fin Cement
			95					Drop Plug, Wash out PL
			116			500		Start Displacement, Pump 60000 Mud
	0315	6				300/1500		Catch PSI
								Lift 880# Land Plug - 1500#
								Drop Bomb
	0350	2	8					Plug Rathole w/ 30 SKS
		2	4					Plug Mousehole w/ 15 SKS, Open D.V.
		4	20			300		Pump 2000 KCL spacer
		6				300		Start Cement
		6	140			vac		Finish Cement
		4						Drop Plug
		6	35					Start Displacement
	0540	6	67			400		Catch PSI, Cement Circulating
						750/1400		Lift 750 Land Plug 1400
								Release Truck
								Washup, Rack up
								Job Complete
								THANKS
								Jan, Preston, Joe, Mark, Isaac



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Casablanca #1**

#### **14-20s-34w Scott,KS**

Start Date: 2022.04.04 @ 08:10:00

End Date: 2022.04.04 @ 16:47:45

Job Ticket #: 68070                      DST #: 1

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

Printed: 2022.04.12 @ 15:13:49



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

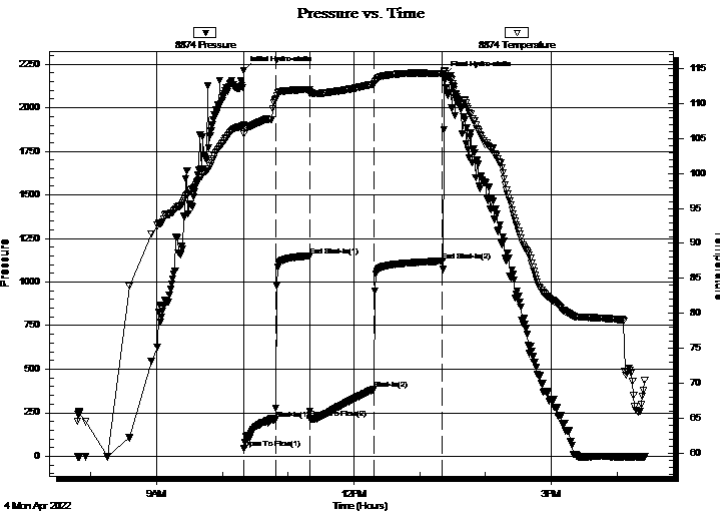
**14-20s-34w Scott,KS**  
**Casablanca #1**  
Job Ticket: 68070 **DST#: 1**  
Test Start: 2022.04.04 @ 08:10:00

## GENERAL INFORMATION:

Formation: **Marmaton**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:41:45  
Time Test Ended: 16:47:45  
Interval: **4370.00 ft (KB) To 4478.00 ft (KB) (TVD)**  
Total Depth: 4478.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Bradley Walter  
Unit No: 78  
Reference Elevations: 3016.00 ft (KB)  
3005.00 ft (CF)  
KB to GR/CF: 11.00 ft

**Serial #: 8874 Outside**  
Press@RunDepth: 386.53 psig @ 4371.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2022.04.04 End Date: 2022.04.04 Last Calib.: 2022.04.04  
Start Time: 07:48:05 End Time: 16:25:45 Time On Btm: 2022.04.04 @ 10:19:30  
Time Off Btm: 2022.04.04 @ 13:22:30

**TEST COMMENT:** 30- IF: BOB @ 6 min- 59.4" blow .  
30- IS: IS: 16.6" return.  
60- FF: BOB @ 6 min.- 167" blow  
60- FS: 13.7" return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2214.74	106.91	Initial Hydro-static
1	46.54	105.67	Open To Flow (1)
29	213.96	110.58	Shut-In(1)
60	1150.08	112.01	End Shut-In(1)
61	215.52	111.67	Open To Flow (2)
119	386.53	112.81	Shut-In(2)
182	1120.36	114.27	End Shut-In(2)
183	2184.49	114.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
242.00	gmco 20g 30m 50o	1.19
150.00	gmco 30g 10m 60o	2.10
568.00	go 35g 65o	7.97
0.00	1350' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**14-20s-34w Scott,KS**

4924 SE 84th St  
New ton, KS 67114

**Casablanca #1**

Job Ticket: 68070

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2022.04.04 @ 08:10:00

## Tool Information

Drill Pipe:	Length: 4124.00 ft	Diameter: 3.80 inches	Volume: 57.85 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 59.04 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	63000.00 lb
Depth to Top Packer:	4370.00 ft			Final	67000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	108.00 ft				
Tool Length:	135.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4344.00	
Shut In Tool	5.00			4349.00	
Hydraulic tool	5.00			4354.00	
Jars	5.00			4359.00	
Safety Joint	2.00			4361.00	
Packer	5.00			4366.00	27.00 Bottom Of Top Packer
Packer	4.00			4370.00	
Stubb	1.00			4371.00	
Recorder	0.00	8319	Inside	4371.00	
Recorder	0.00	8874	Outside	4371.00	
Perforations	7.00			4378.00	
Change Over Sub	1.00			4379.00	
Drill Pipe	95.00			4474.00	
Change Over Sub	1.00			4475.00	
Bullnose	3.00			4478.00	108.00 Bottom Packers & Anchor

**Total Tool Length: 135.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum

**14-20s-34w Scott,KS**

4924 SE 84th St  
New ton, KS 67114

**Casablanca #1**

Job Ticket: 68070

**DST#: 1**

ATTN: Ryan Seib

Test Start: 2022.04.04 @ 08:10:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
242.00	gmco 20g 30m 50o	1.190
150.00	gmco 30g 10m 60o	2.104
568.00	go 35g 65o	7.968
0.00	1350' GIP	0.000

Total Length: 960.00 ft

Total Volume: 11.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



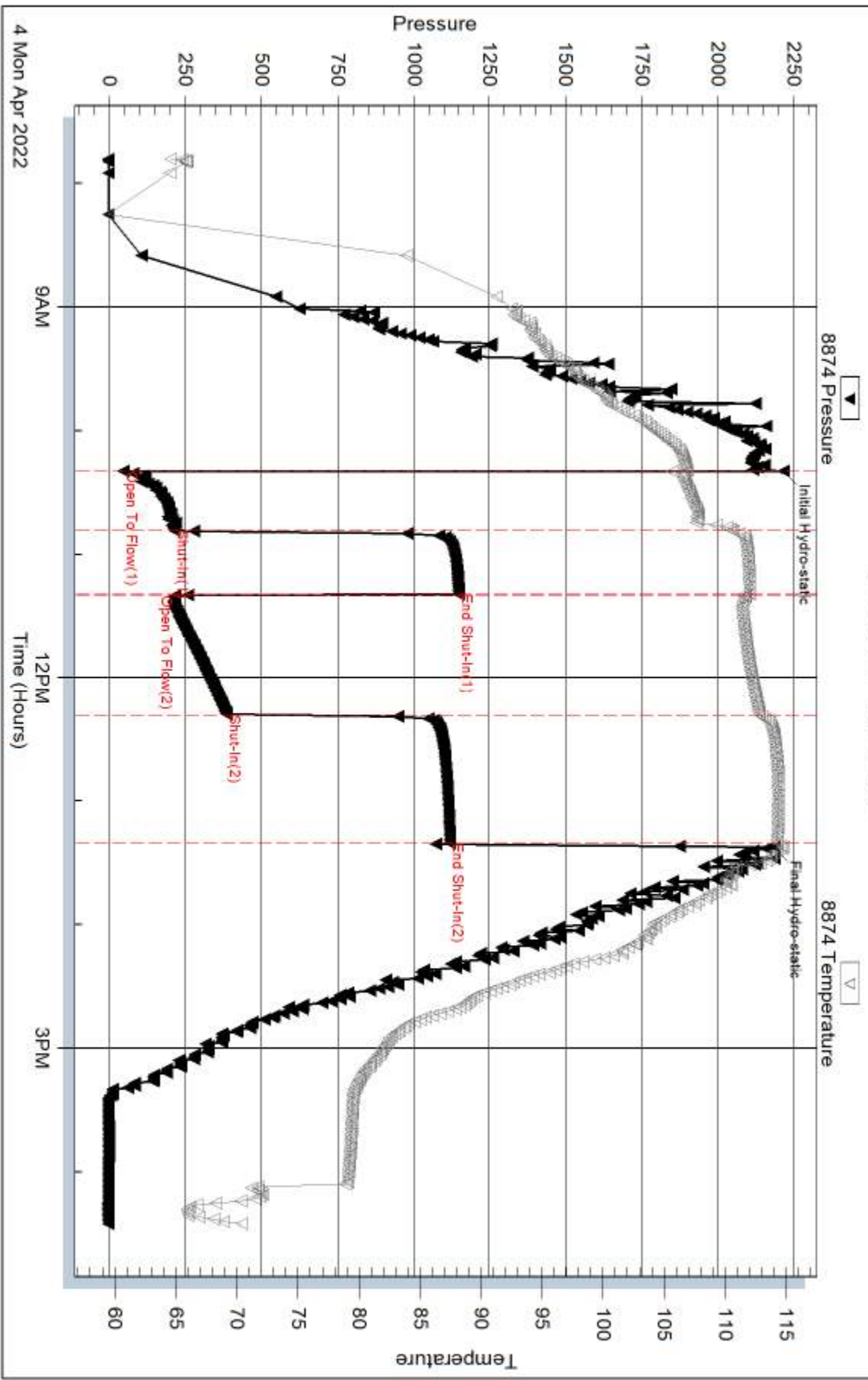
Serial #: 8874

Outside Palomino Petroleum

Casablanca #1

DST Test Number: 1

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Casablanca #1**

#### **14-20s-34w Scott,KS**

Start Date: 2022.04.05 @ 03:23:00

End Date: 2022.04.05 @ 10:39:30

Job Ticket #: 68071                      DST #: 2

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

Printed: 2022.04.12 @ 15:13:24

Palomino Petroleum  
14-20s-34w Scott,KS  
Casablanca #1  
DST # 2  
Pawnee- Ft Scott  
2022.04.05



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum  
 4924 SE 84th St  
 New ton, KS 67114  
 ATTN: Ryan Seib

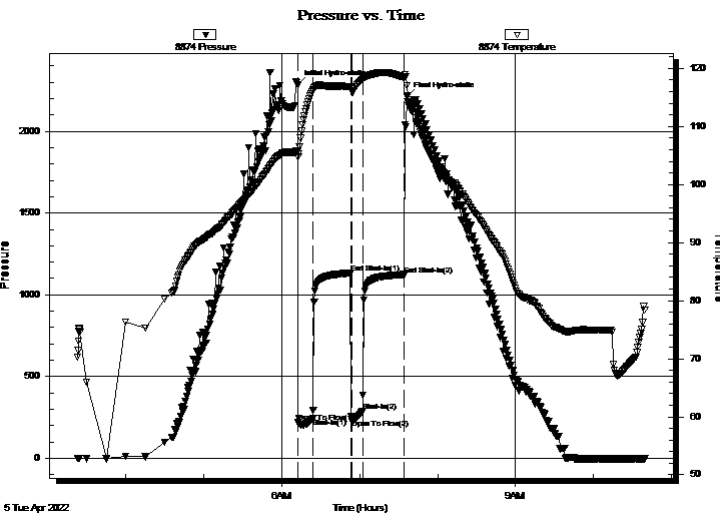
**14-20s-34w Scott,KS**  
**Casablanca #1**  
 Job Ticket: 68071 **DST#: 2**  
 Test Start: 2022.04.05 @ 03:23:00

## GENERAL INFORMATION:

Formation: **Pawnee- Ft Scott**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:12:45  
 Time Test Ended: 10:39:30  
 Interval: **4476.00 ft (KB) To 4535.00 ft (KB) (TVD)**  
 Total Depth: 4535.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 78  
 Reference Elevations: 3016.00 ft (KB)  
 3005.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8874 Outside**  
 Press@RunDepth: 288.84 psig @ 4477.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2022.04.05 End Date: 2022.04.05 Last Calib.: 2022.04.05  
 Start Time: 03:23:05 End Time: 10:39:29 Time On Btm: 2022.04.05 @ 06:12:15  
 Time Off Btm: 2022.04.05 @ 07:36:15

**TEST COMMENT:** 10- IF: BOB @ 1 min. - 105".  
 30- IS: 22" return.  
 10- FF: BOB @ 2 min. 55" blow .  
 30- FSI 27" return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2283.81	105.75	Initial Hydro-static
1	220.81	104.75	Open To Flow (1)
12	242.21	116.21	Shut-In(1)
41	1132.61	116.88	End Shut-In(1)
42	235.89	116.41	Open To Flow (2)
50	288.84	118.10	Shut-In(2)
83	1123.90	118.43	End Shut-In(2)
84	2211.88	117.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
242.00	gmco 25g 35m 40o	1.19
698.00	go 40g 60o	9.79
0.00	2640' GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

**14-20s-34w Scott,KS**  
**Casablanca #1**  
Job Ticket: 68071 **DST#: 2**  
Test Start: 2022.04.05 @ 03:23:00

## Tool Information

Drill Pipe:	Length: 4220.00 ft	Diameter: 3.80 inches	Volume: 59.20 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 60.39 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4476.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	86.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4450.00	
Shut In Tool	5.00			4455.00	
Hydraulic tool	5.00			4460.00	
Jars	5.00			4465.00	
Safety Joint	2.00			4467.00	
Packer	5.00			4472.00	27.00 Bottom Of Top Packer
Packer	4.00			4476.00	
Stubb	1.00			4477.00	
Recorder	0.00	8319	Inside	4477.00	
Recorder	0.00	8874	Outside	4477.00	
Perforations	22.00			4499.00	
Change Over Sub	1.00			4500.00	
Drill Pipe	31.00			4531.00	
Change Over Sub	1.00			4532.00	
Bullnose	3.00			4535.00	59.00 Bottom Packers & Anchor

**Total Tool Length: 86.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

**14-20s-34w Scott,KS**  
**Casablanca #1**  
Job Ticket: 68071      **DST#: 2**  
Test Start: 2022.04.05 @ 03:23:00

### Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 32 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.18 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3600.00 ppm		
Filter Cake: 1.00 inches		

### Recovery Information

Recovery Table

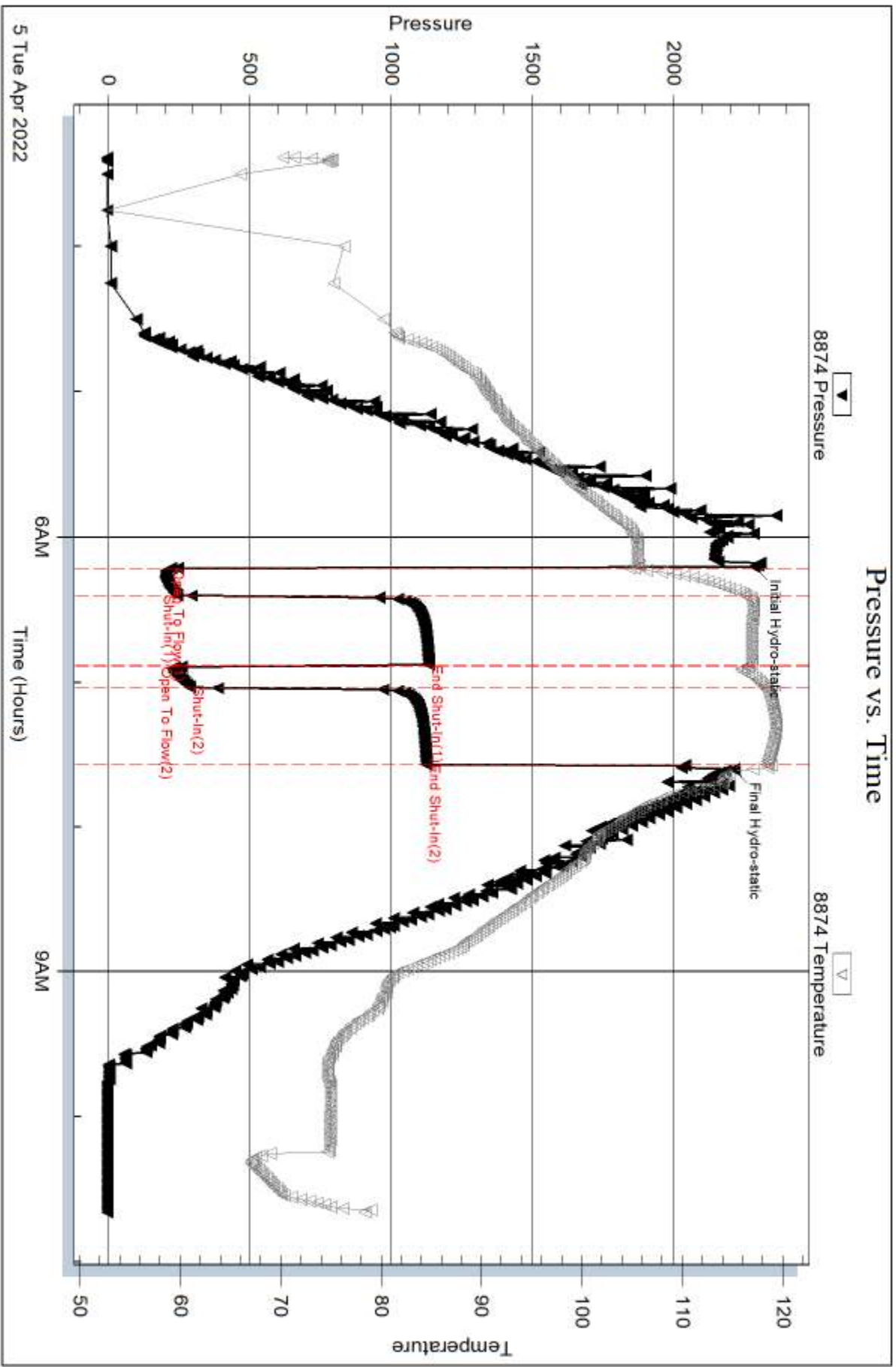
Length ft	Description	Volume bbl
242.00	gmco 25g 35m 40o	1.190
698.00	go 40g 60o	9.791
0.00	2640' GIP	0.000

Total Length: 940.00 ft      Total Volume: 10.981 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:



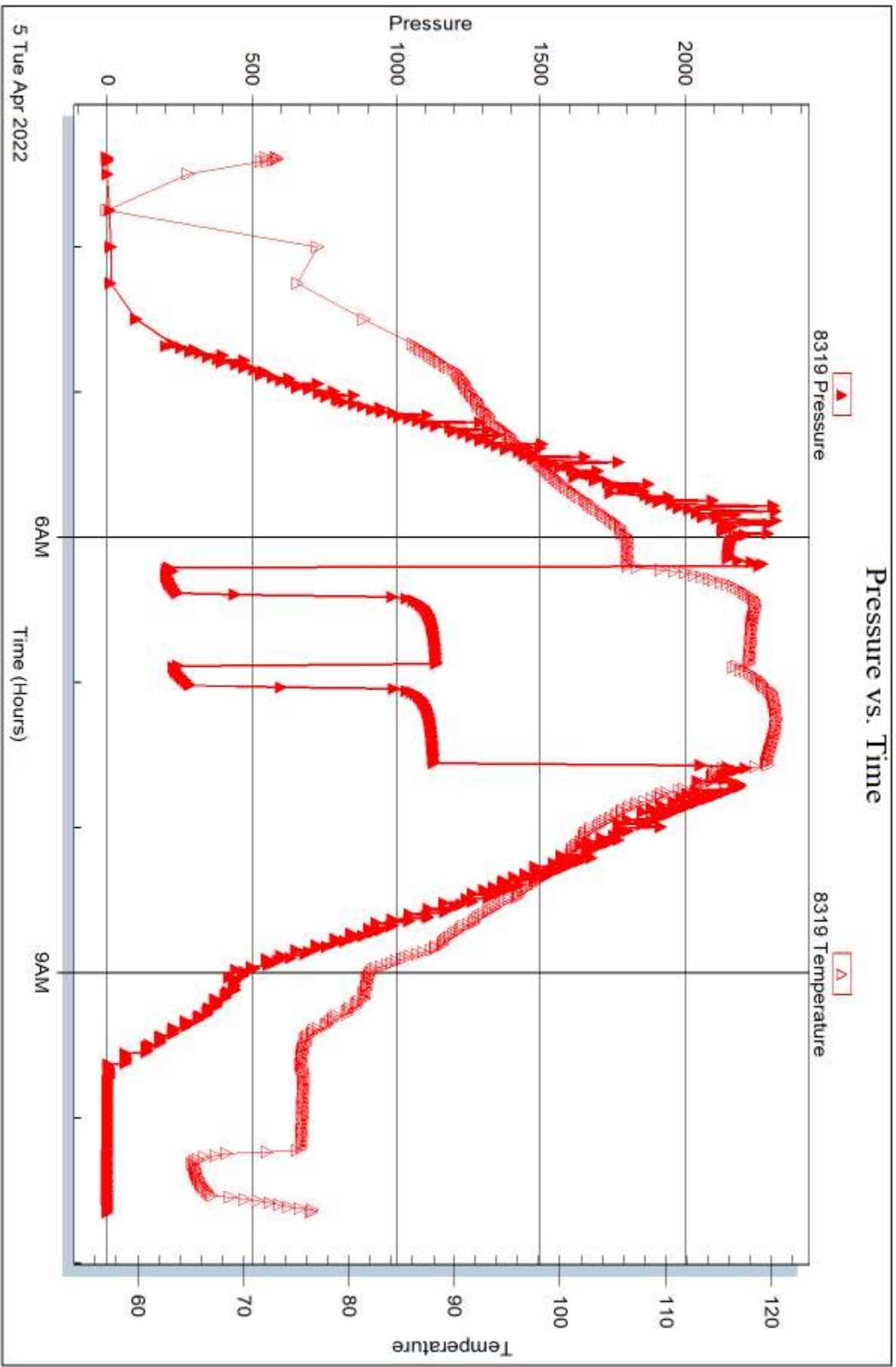
Serial #: 8319

Inside

Palomino Petroleum

Casablanca #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68071

Printed: 2022.04.12 @ 15:13:25





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton, KS 67114

ATTN: Ryan Seib

### **Casablanca #1**

#### **14-20s-34w Scott,KS**

Start Date: 2022.04.07 @ 03:45:00

End Date: 2022.04.07 @ 10:52:30

Job Ticket #: 68072                      DST #: 3

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

Printed: 2022.04.12 @ 15:07:34



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

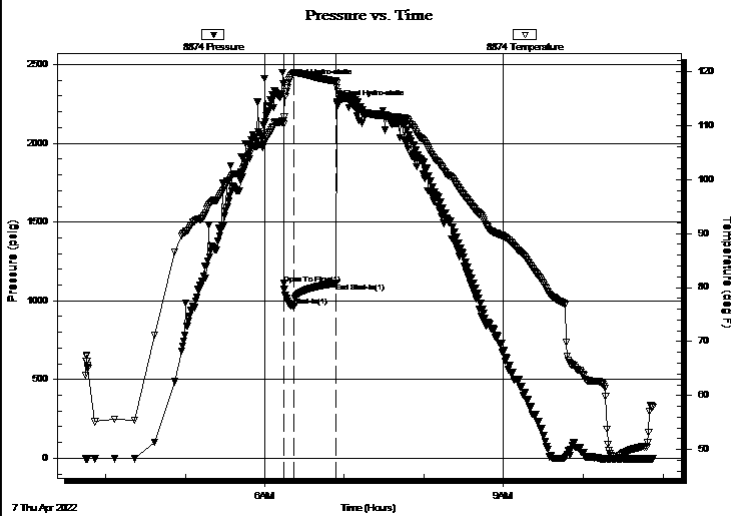
**14-20s-34w Scott,KS**  
**Casablanca #1**  
Job Ticket: 68072 **DST#: 3**  
Test Start: 2022.04.07 @ 03:45:00

## GENERAL INFORMATION:

Formation: **Morrow Sand**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 06:14:15  
Time Test Ended: 10:52:30  
Interval: **4662.00 ft (KB) To 4804.00 ft (KB) (TVD)**  
Total Depth: 4920.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Reference Elevations: 3016.00 ft (KB)  
3005.00 ft (CF)  
KB to GR/CF: 11.00 ft  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Bradley Walter  
Unit No: 78

**Serial #: 8874 Outside**  
Press@RunDepth: 967.65 psig @ 4663.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2022.04.07 End Date: 2022.04.07 Last Calib.: 2022.04.07  
Start Time: 03:45:05 End Time: 10:52:29 Time On Btm: 2022.04.07 @ 06:14:00  
Time Off Btm: 2022.04.07 @ 06:54:15

TEST COMMENT: 10- IF: BOB @ 15 sec.  
30- IS: No return.  
Pulled test.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2377.77	110.87	Initial Hydro-static
1	1109.54	110.23	Open To Flow (1)
9	967.65	119.73	Shut-In(1)
40	1110.45	118.20	End Shut-In(1)
41	2248.65	117.85	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1700.00	mcw 5m 95w	21.64

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

**14-20s-34w Scott,KS**  
**Casablanca #1**  
Job Ticket: 68072      **DST#: 3**  
Test Start: 2022.04.07 @ 03:45:00

**Tool Information**

Drill Pipe:	Length: 4410.00 ft	Diameter: 3.80 inches	Volume: 61.86 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 63.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4662.00 ft			Final 74000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	258.00 ft			
Tool Length:	285.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

**Tool Description**

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

Change Over Sub	1.00			4636.00	
Shut In Tool	5.00			4641.00	
Hydraulic tool	5.00			4646.00	
Jars	5.00			4651.00	
Safety Joint	2.00			4653.00	
Packer	5.00			4658.00	27.00 Bottom Of Top Packer
Packer	4.00			4662.00	
Stubb	1.00			4663.00	
Recorder	0.00	8319	Inside	4663.00	
Recorder	0.00	8874	Outside	4663.00	
Perforations	3.00			4666.00	
Change Over Sub	1.00			4667.00	
Drill Pipe	127.00			4794.00	
Change Over Sub	1.00			4795.00	
Perforations	5.00			4800.00	
Blank Off Sub	1.00			4801.00	
Packer - Shale	3.00			4804.00	
Stubb	1.00			4805.00	
Perforations	15.00			4820.00	
Change Over Sub	1.00			4821.00	
Recorder	0.00	8845	Below	4821.00	
Drill Pipe	95.00			4916.00	
Change Over Sub	1.00			4917.00	
Bullnose	3.00			4920.00	258.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>285.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum  
4924 SE 84th St  
New ton, KS 67114  
ATTN: Ryan Seib

**14-20s-34w Scott,KS**  
**Casablanca #1**  
Job Ticket: 68072      **DST#: 3**  
Test Start: 2022.04.07 @ 03:45:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 61000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.98 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4500.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1700.00	mcw 5m 95w	21.642

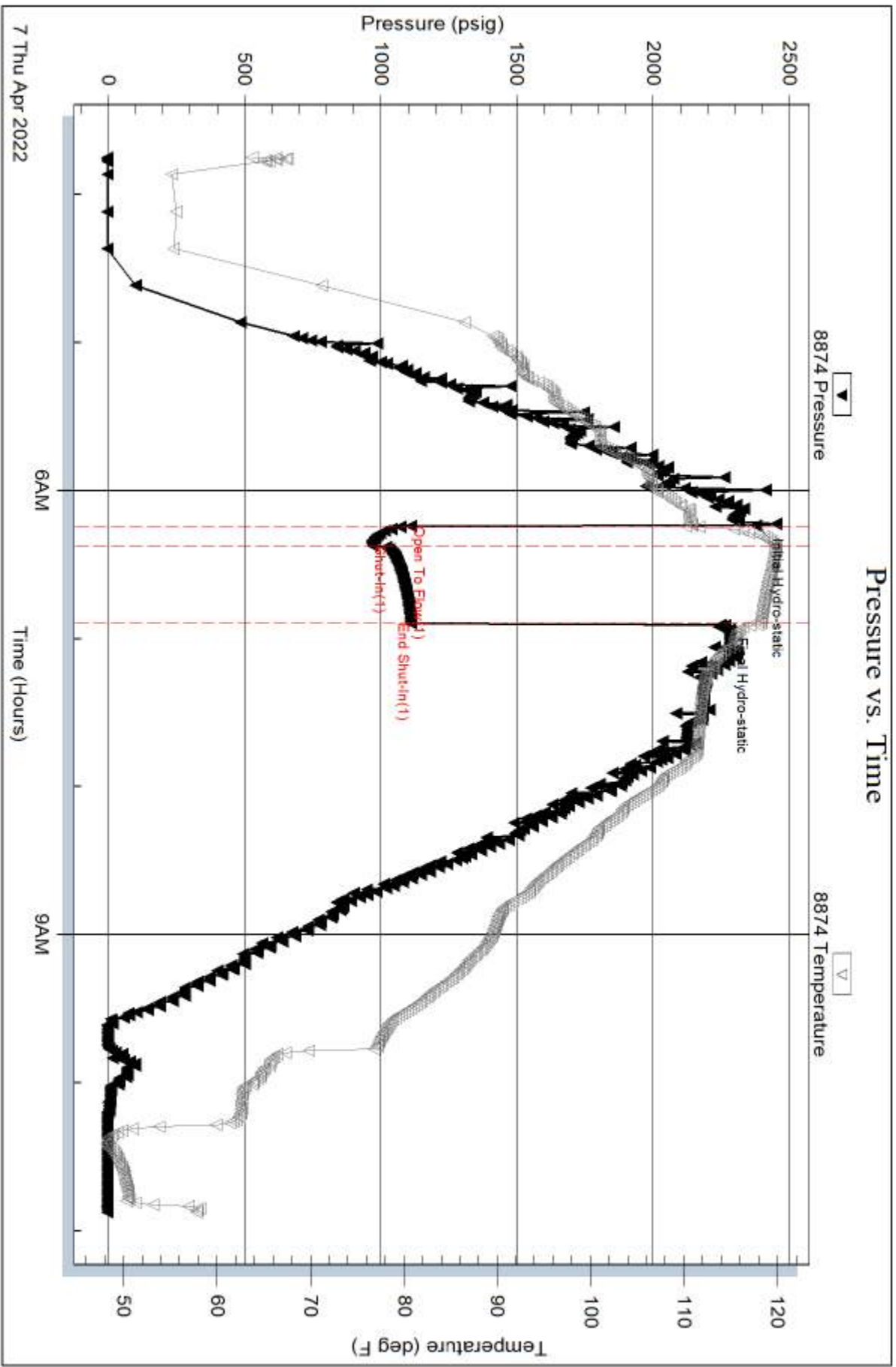
Total Length: 1700.00 ft      Total Volume: 21.642 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: rw is .161 @ 53f = 61000ppm

Serial #: 8874

Outside Palomino Petroleum

Casablanca #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68072

Printed: 2022.04.12 @ 15:07:36

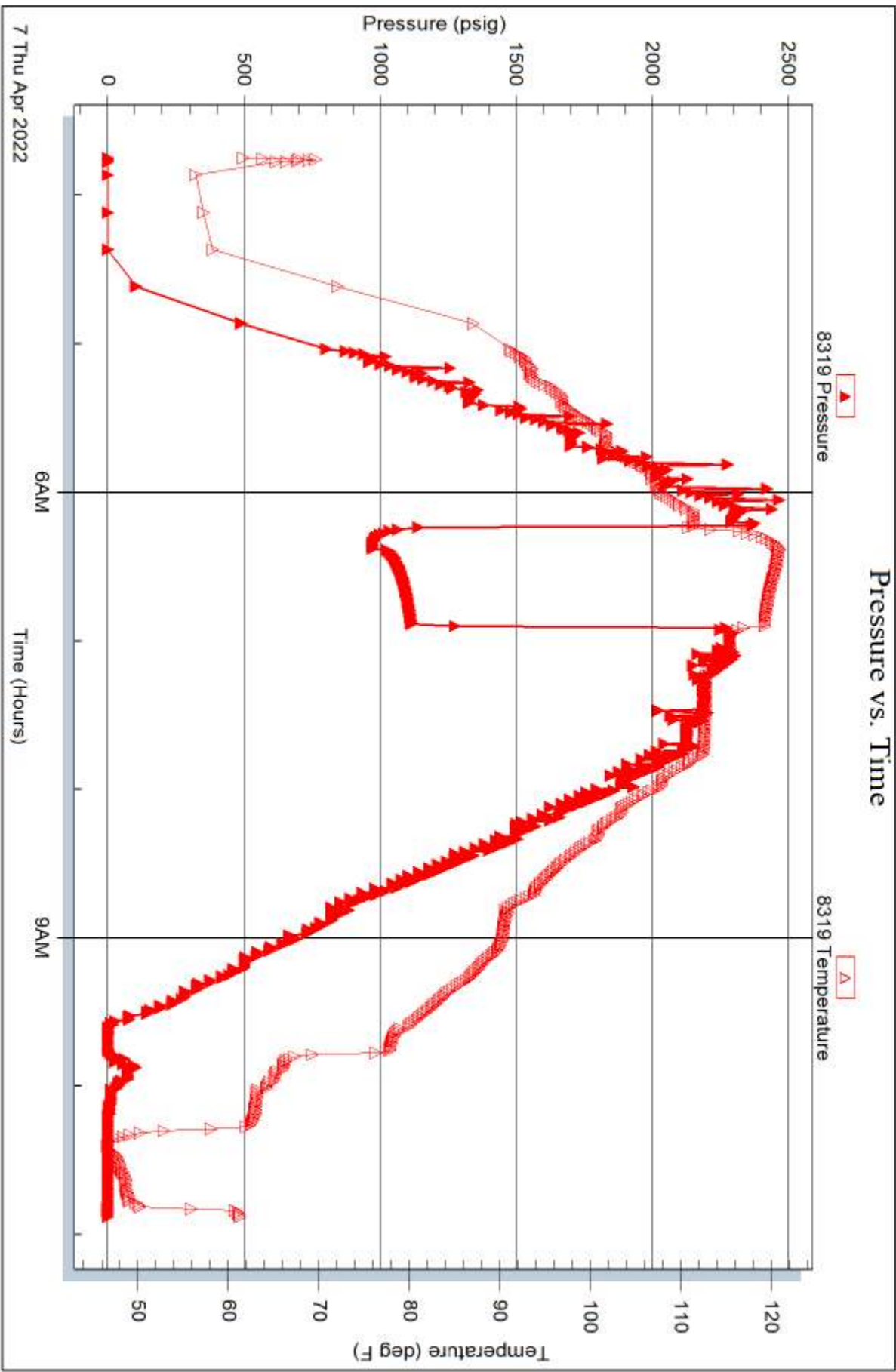
Serial #: 8319

Inside

Palomino Petroleum

Casablanca #1

DST Test Number: 3



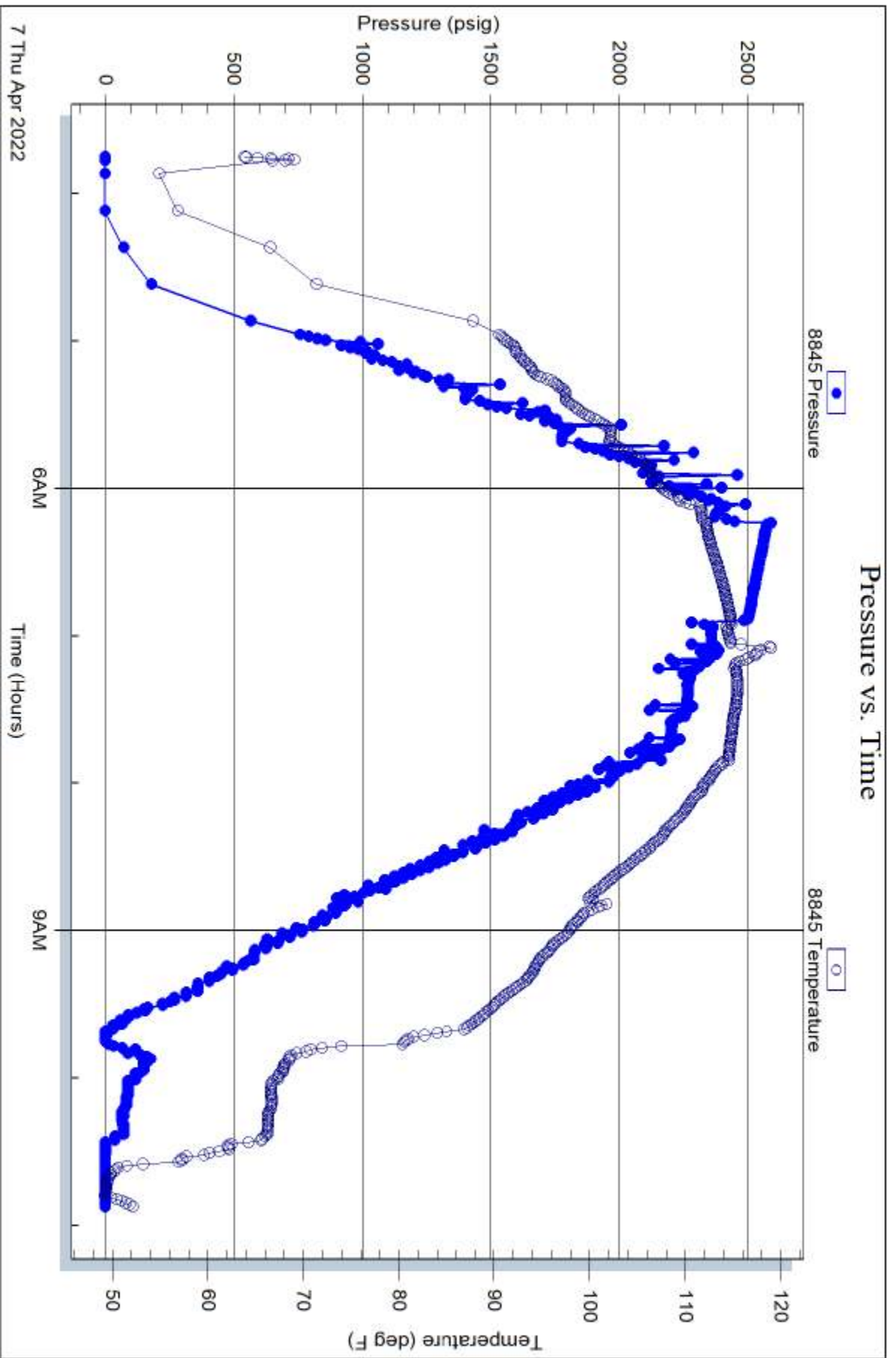


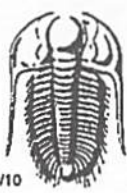
Serial #: 8845

Below (Str Rattenho Petroleum

Casablanca #1

DST Test Number: 3





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 68070

Well Name & No. Casa Blanca #1 Test No. 1 Date 4/04/2022  
 Company Palomino Petroleum Elevation 3016 KB 3005 GL  
 Address 4924 SE 84th St Newton, KS 67114  
 Co. Rep / Geo. Ryan Seib Rig Moran 21  
 Location: Sec. 14 Twp 20s Rge. 34w Co. Scott State Ks

Interval Tested 4370-4478 Zone Tested Marmaton  
 Anchor Length 108 Drill Pipe Run 4124 Mud Wt. 9.2  
 Top Packer Depth 4365 Drill Collars Run 242 Vis 57  
 Bottom Packer Depth 4370 Wt. Pipe Run Ø WL 7.2  
 Total Depth 4478 Chlorides 3600 ppm System LCM 4#

Blow Description IF BOB@ 6 min - 59.4"  
ISI 16.6" return  
FF BOB@ 6 min - 167"  
FSI 13.7" return

Rec	Feet of	%gas	%oil	%water	%mud
<u>568</u>	<u>60</u>	<u>35</u>	<u>65</u>		
<u>150</u>	<u>GMCO</u>	<u>30</u>	<u>60</u>		<u>10</u>
<u>242</u>	<u>GMCO</u>	<u>20</u>	<u>50</u>		<u>30</u>
	<u>1350 GTD</u>				

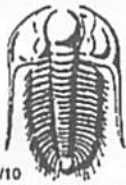
Rec Total 960 BHT 114 Gravity 31 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2214  Test 1950 T-On Location 0530  
 (B) First Initial Flow 46  Jars 300 T-Started 0748  
 (C) First Final Flow 213  Safety Joint — T-Open 1019  
 (D) Initial Shut-In 1150  Circ Sub — T-Pulled 1319  
 (E) Second Initial Flow 215  Hourly Standby — T-Out 1624  
 (F) Second Final Flow 386  Mileage 44RT 66  
 (G) Final Shut-In 1120  Sampler —  
 (H) Final Hydrostatic 2184  Straddle —  EM Tool -350 didnt run

Initial Open 30  Shale Packer —  Ruined Shale Packer —  
 Initial Shut-In 30  Extra Packer —  Ruined Packer —  
 Final Flow 60  Extra Recorder —  Extra Copies —  
 Final Shut-In 60  Day Standby — Sub Total -350  
 Sub Total 2316  Accessibility — Total 1966  
 MP/DST Disc —

Approved By — Our Representative [Signature]

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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. **68071**

Well Name & No. Casablanca #1 Test No. 2 Date 4/05/2022  
 Company Palompa Petroleum Elevation 3016 KB 3005 GL  
 Address 4424 SE 84th St Newton Ks 67114  
 Co. Rep / Geo. Ryan Seab Rig Mufca 21  
 Location: Sec. 14 Twp 20s Rge. 34w Co. Scott State Ks

Interval Tested 4476 4535 Zone Tested Pawnee # Scott  
 Anchor Length 59 Drill Pipe Run 4220 Mud Wt. 92  
 Top Packer Depth 4471 Drill Collars Run 242 Vis 65  
 Bottom Packer Depth 4476 Wt. Pipe Run Ø WL 7.2  
 Total Depth 4535 Chlorides 3600 ppm System LCM 4#

Blow Description IF BOB 1 min - 105' blow  
ISI 22" return.  
FF BOB @ 2 min. 55" blow  
FSI 27" return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>698</u>	<u>60</u>	<u>46%</u>	<u>60%</u>		
<u>242</u>	<u>GMCO</u>	<u>75%</u>	<u>40%</u>		<u>35%</u>
	<u>2640' GIP</u>				

Rec Total 940 BHT 118 Gravity 32 API RW — @ — F Chlorides — ppm

(A) Initial Hydrostatic 2283  Test 1950 T-On Location 0208  
 (B) First Initial Flow 220  Jars 300 T-Started 0323  
 (C) First Final Flow 242  Safety Joint — T-Open 0613  
 (D) Initial Shut-In 1132  Circ Sub — T-Pulled 0733  
 (E) Second Initial Flow 235  Hourly Standby — T-Out 1039  
 (F) Second Final Flow 288  Mileage 66 Comments —  
 (G) Final Shut-In 1123  Sampler —  
 (H) Final Hydrostatic 2211  Straddle —  EM Tool -350

Initial Open 10  Shale Packer —  Ruined Shale Packer —  
 Initial Shut-In 30  Extra Packer —  Ruined Packer —  
 Final Flow 10  Extra Recorder —  Extra Copies —  
 Final Shut-In 30  Day Standby — Sub Total -350  
 Sub Total 2316  Accessibility — Total 1966  
 MP/DST Disc't —

Approved By — Our Representative Ryan Seab

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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 68072

Well Name & No. Casablanca #1 Test No. 3 Date 04/07/2022  
 Company Palomino Petroleum Elevation \_\_\_\_\_ KB \_\_\_\_\_ GL \_\_\_\_\_  
 Address 4924 SE 84th St Newton, KS 67114  
 Co. Rep / Geo. Ryan Seib Rig Moran 21  
 Location: Sec. 14 Twp 20S Rge. 34w Co. Scott State Ks

Interval Tested 4662 - 4804 Zone Tested Moran Sand  
 Anchor Length 116 Drill Pipe Run 4410 Mud Wt. 9.2  
 Top Packer Depth 4457 - 4462 Drill Collars Run 242 Vis 55  
~~Bottom~~ Straddle Packer Depth 4804 Wt. Pipe Run Ø WL 8.0  
 Total Depth 6920 Chlorides 4500 ppm System LCM 4#

Blow Description IF BOB@ 15sec.  
ISI No return.  
FF pulled test.  
FSI

Rec	Feet of	%gas	%oil	%water	%mud
<u>1700</u>	<u>ncw</u>			<u>95</u>	<u>5</u>
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 1700 BHT 118 Gravity \_\_\_\_\_ API RW 1161 @ 53 °F Chlorides 61000 ppm

(A) Initial Hydrostatic <u>2377</u>	<input checked="" type="checkbox"/> Test 1950	T-On Location <u>0300</u>
(B) First Initial Flow <u>1109</u>	<input checked="" type="checkbox"/> Jars 300	T-Started <u>0345</u>
(C) First Final Flow <u>967</u>	<input checked="" type="checkbox"/> Safety Joint	T-Open <u>0603 0521 0445</u>
(D) Initial Shut-In <u>1110</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0645</u>
(E) Second Initial Flow <u>—</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1053</u>
(F) Second Final Flow <u>—</u>	<input checked="" type="checkbox"/> Mileage <u>6427</u> 66	Comments _____
(G) Final Shut-In <u>—</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2248</u>	<input checked="" type="checkbox"/> Straddle 600	<input type="checkbox"/> EM Tool -350
Initial Open <u>10</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>—</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>—</u>	<input checked="" type="checkbox"/> Day Standby 1d 16.25h	Sub Total <u>-350 + 541.67</u>
	<input type="checkbox"/> Accessibility	Total <u>3357.67</u>
	Sub Total <u>3166</u>	MP/DST Disc _____

Approved By \_\_\_\_\_ Our Representative [Signature]

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.