

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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OPERATION: Palovina Petroleum, Inc.
 LEASE: The Dack Knight #1
 FIELD: Dack Knight #1

LOCATION: J19, F1L + 137, F1E L
 SEC: 10 TWP: 16S RGE: 25E
 COUNTY: Ness STATE: KS

CONTRACTOR: D. L. ...
 CORNER: ...
 CONTINUED: ...

WELL LOG SUMMARY
 CNO. D I.L.
 MEASUREMENTS ARE ALL FROM 1' & 2'

FORMATION

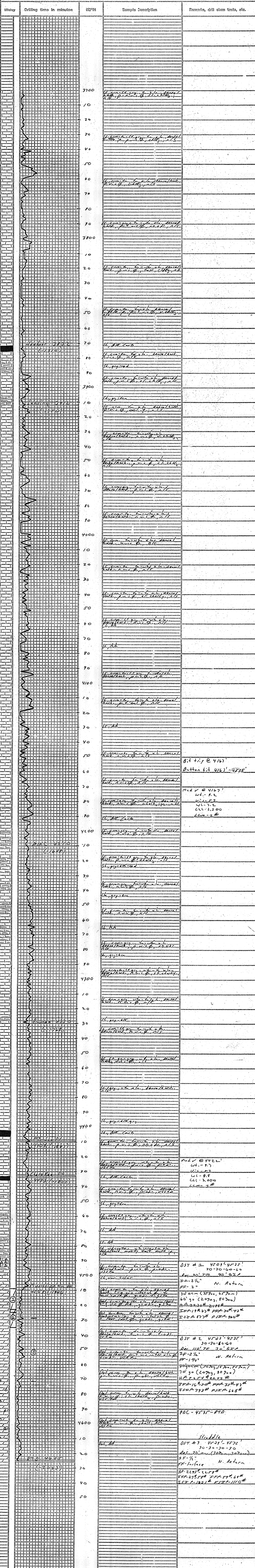
FORMATION	TOP	DATA	TYPE	DATA	STRATIGRAPHIC CORRELATION
...	1254 (L1608)	1252	GEOLOGIC	...	...
...	3825 (1907)	3822	GEOLOGIC	...	...
...	4432 (1844)	4430	GEOLOGIC	...	...
...	4501 (1844)	4500	GEOLOGIC	...	...
...	4501 (1844)	4500	GEOLOGIC	...	...
...	4501 (1844)	4500	GEOLOGIC	...	...

REMARKS

LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Carb sh
- Limestone
- Coal.Lime
- Chert
- Dolomite

SCALE " = 100'





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: 3/16/2022
Invoice #: 0359629
Lease Name: The Dark Knight
Well #: 1 (New)
County: Ness, Ks
Job Number: WP2542
District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Depth Charge 0'-500'	1.000	920.000	920.00
Light Eq Mileage	80.000	2.000	160.00
Heavy Eq Mileage	80.000	4.000	320.00
Ton Mileage	752.000	1.500	1,128.00
H-325	200.000	20.700	4,140.00
Cement Blending & Mixing	200.000	1.288	257.60

Total 6,925.60

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!



Customer: Palomino Petroleum		Lease & Well #: The Dark Knight 1		Date: 3/16/2022	
Service District: Oakley KS		County & State: Ness KS		Legals S/T/R: 10-16S-25W	
Job Type: Surface		<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD		Legals S/T/R New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No	
Ticket #: WP 2542					
Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures			
73	Josh	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Lockout/Tagout	<input checked="" type="checkbox"/> Warning Signs & Flagging
230	Kale	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input checked="" type="checkbox"/> Required Permits	<input checked="" type="checkbox"/> Fall Protection
242	Charles	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations
		<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below	
Comments					
Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount	
D010	Depth Charge: 0'-500'	job	1.00	\$920.00	
M015	Light Equipment Mileage	mi	80.00	\$160.00	
M010	Heavy Equipment Mileage	mi	80.00	\$320.00	
M020	Ton Mileage	tm	752.00	\$1,128.00	
CP015	H-325	sack	200.00	\$4,140.00	
C060	Cement Blending & Mixing Service	sack	200.00	\$257.60	
Customer Section: On the following scale how would you rate Hurricane Services Inc.?				Net:	\$6,925.60
Based on this job, how likely is it you would recommend HSI to a colleague?			Total Taxable \$ -	Tax Rate:	
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely			Sale Tax:	\$	-
			Total:	\$	6,925.60
			HSI Representative: <i>Josh Mosier</i>		

TERMS: Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer: Palomino Petroleum	Well: The Dark Knight 1	Ticket: WP 2542
City, State: Oakley KS	County: Ness KS	Date: 3/16/2022
Field Rep: Josh Mosier	S-T-R: 10-16S-25W	Service: Surface

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	12.25 in	Blend:	H- 325	Blend:	
Hole Depth:	259 ft	Weight:	14.8 ppg	Weight:	ppg
Casing Size:	8 5/8 in	Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	244.65 ft	Yield:	1.41 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	0.0735 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	244.65 ft	Depth:	ft
Tool / Packer:		Annular Volume:	18.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	15.0 bbls	Total Slurry:	50.0 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	200 sx	Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
120P			-	-	GOT TO LOCATION
125P				-	SAFETY MEETING
130P				-	RIGGED UP TRUCKS
225P				-	CIRCULATED HOLE
237P	3.0	100.0	5.0	5.0	PUMPED H2O AHEAD
239P	6.5	450.0	50.0	55.0	PUMPED 200 SKS OF H- 325 @ 244.65 FT
247P	5.0	400.0	15.0	70.0	DISPLACED WITH H2O
250P				70.0	PLUG DOWN WITH 5 BBL TO PIT
255P				70.0	WASHED UP PUMP TRUCK
300P				70.0	RIGGED DOWN TRUCKS
315P				70.0	OFF LOCATION

CREW		UNIT	SUMMARY		
Cementer:	Josh	73	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Kale	230	4.8 bpm	317 psi	70 bbls
Bulk #1:	Charles	242			
Bulk #2:					



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Ryan Seib

The Dark Knight #1

10-16s-25w Ness,KS

Start Date: 2022.03.21 @ 19:12:00

End Date: 2022.03.22 @ 03:44:21

Job Ticket #: 68216 DST #: 1

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

Printed: 2022.03.25 @ 10:10:05



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

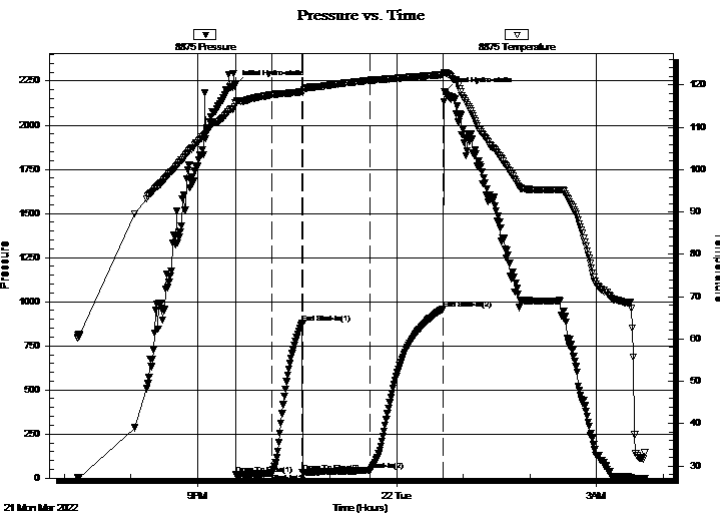
10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68216 **DST#: 1**
Test Start: 2022.03.21 @ 19:12:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:34:27
Time Test Ended: 03:44:21
Interval: **4509.00 ft (KB) To 4525.00 ft (KB) (TVD)**
Total Depth: 4525.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84
Reference Elevations: 2562.00 ft (KB)
2551.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8875 Outside
Press@RunDepth: 43.98 psig @ 4510.00 ft (KB) Capacity: psig
Start Date: 2022.03.21 End Date: 2022.03.22 Last Calib.: 2022.03.22
Start Time: 19:12:01 End Time: 03:44:21 Time On Btm: 2022.03.21 @ 21:34:17
Time Off Btm: 2022.03.22 @ 00:43:02

TEST COMMENT: 30-IF-Surface to 2.5"
30-ISI-No Return
60-FF-Surface to 2"
60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2230.03	115.89	Initial Hydro-static
1	19.53	115.52	Open To Flow (1)
33	27.77	117.65	Shut-In(1)
61	877.10	118.37	End Shut-In(1)
61	30.97	118.26	Open To Flow (2)
122	43.98	121.08	Shut-In(2)
188	960.86	122.44	End Shut-In(2)
189	2188.72	122.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	HOCM 35%O 65%M	0.15
60.00	GO 20%G 80%O	0.30
0.00	90 GIP 100%G	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

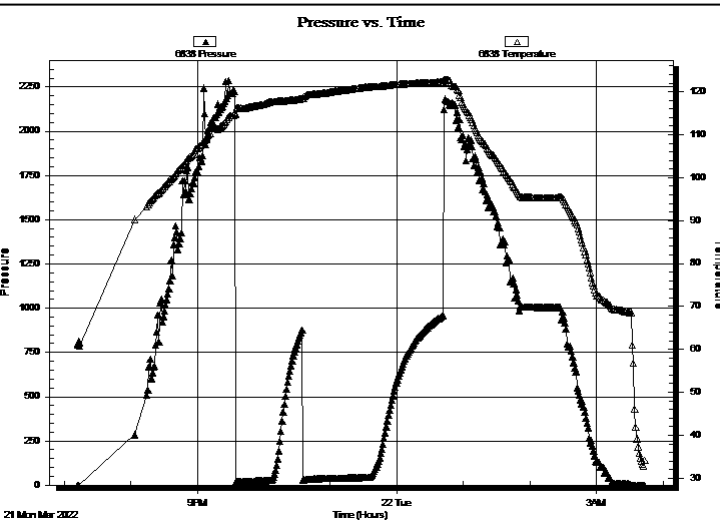
10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68216 **DST#: 1**
Test Start: 2022.03.21 @ 19:12:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:34:27
Time Test Ended: 03:44:21
Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84
Interval: **4509.00 ft (KB) To 4525.00 ft (KB) (TVD)**
Reference Elevations: 2562.00 ft (KB)
Total Depth: 4525.00 ft (KB) (TVD) 2551.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6838 Inside
Press@RunDepth: psig @ 4510.00 ft (KB) Capacity:
Start Date: 2022.03.21 End Date: 2022.03.22 Last Calib.: 2022.03.22
Start Time: 19:12:01 End Time: 03:44:21 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-Surface to 2.5"
30-ISI-No Return
60-FF-Surface to 2"
60-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
30.00	HOCM 35%O 65%M	0.15
60.00	GO 20%G 80%O	0.30
0.00	90 GIP 100%G	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68216 **DST#: 1**
Test Start: 2022.03.21 @ 19:12:00

Tool Information

Drill Pipe:	Length: 4248.00 ft	Diameter: 3.82 inches	Volume: 60.22 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	65000.00 daN
			<u>Total Volume:</u>	Tool Chased	ft
				String Weight: Initial	62000.00 daN
Drill Pipe Above KB:	9.00 ft			Final	62000.00 daN
Depth to Top Packer:	4509.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	44.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4482.00	
Shut In Tool	5.00			4487.00	
Hydraulic tool	5.00			4492.00	
Jars	5.00			4497.00	
Safety Joint	3.00			4500.00	
Packer	5.00			4505.00	28.00 Bottom Of Top Packer
Packer	4.00			4509.00	
Stubb	1.00			4510.00	
Recorder	0.00	6838	Inside	4510.00	
Recorder	0.00	8875	Outside	4510.00	
Perforations	12.00			4522.00	
Bullnose	3.00			4525.00	16.00 Bottom Packers & Anchor

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68216 **DST#: 1**
Test Start: 2022.03.21 @ 19:12:00

Mud and Cushion Information

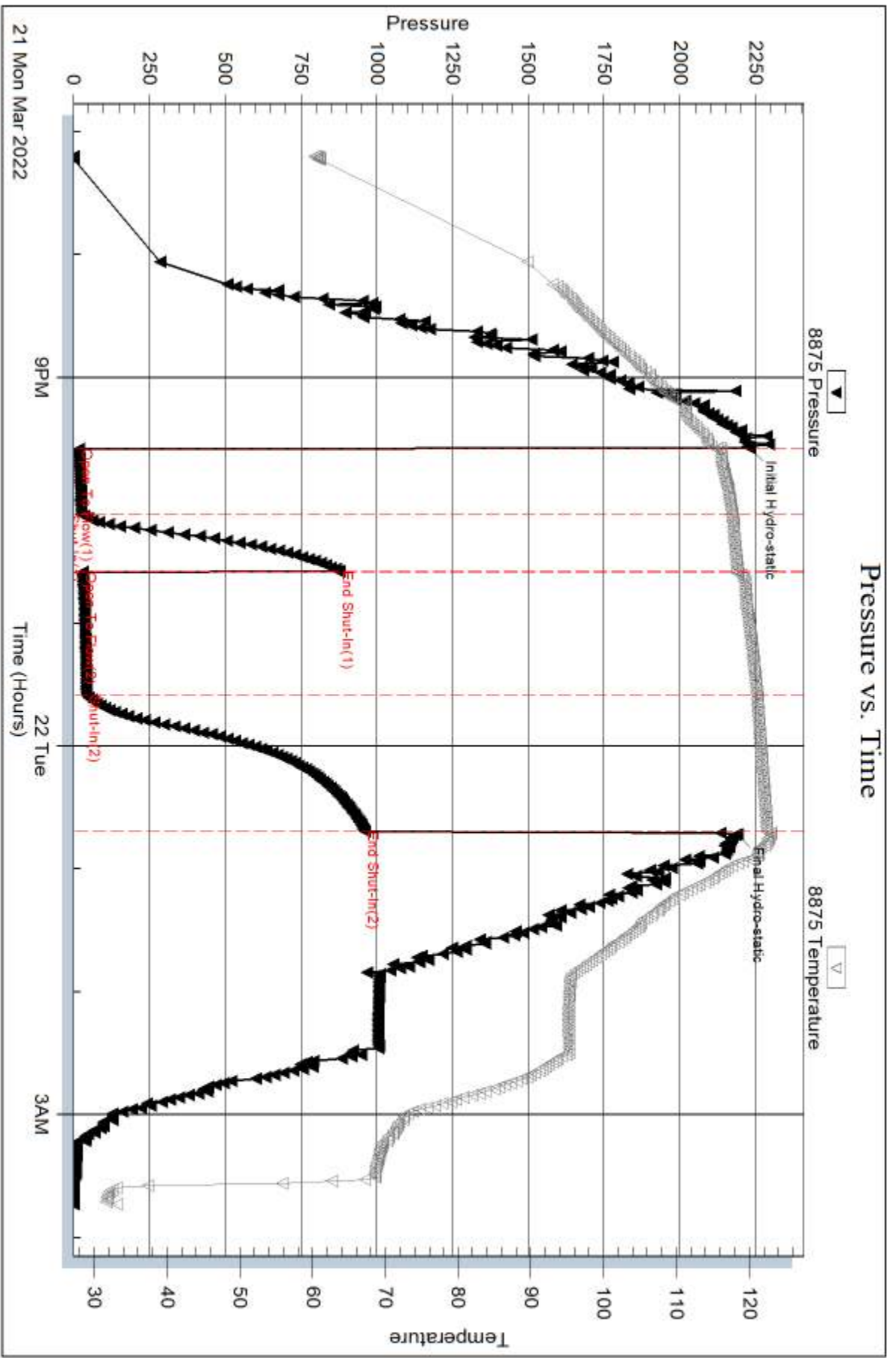
Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.78 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	HOCM 35%O 65%M	0.148
60.00	GO 20%G 80%O	0.295
0.00	90 GIP 100%G	0.000

Total Length: 90.00 ft Total Volume: 0.443 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 1#LCM



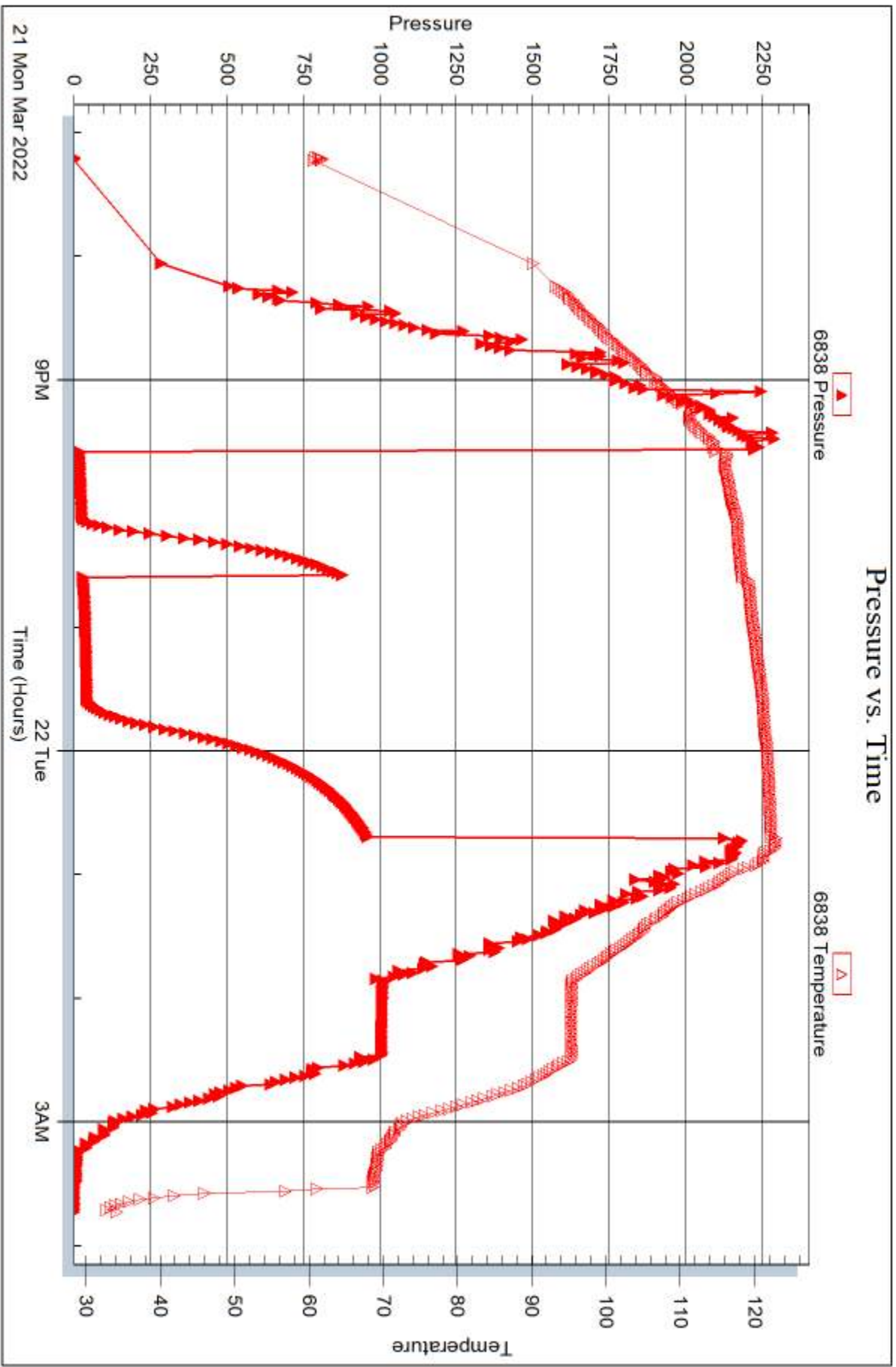
Serial #: 6838

Inside

Palomino Petroleum Inc

The Dark Knight #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 68216

Printed: 2022.03.25 @ 10:10:06



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Ryan Seib

The Dark Knight #1

10-16s-25w Ness,KS

Start Date: 2022.03.22 @ 16:12:00

End Date: 2022.03.23 @ 00:07:07

Job Ticket #: 68217 DST #: 2

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

Printed: 2022.03.25 @ 10:09:36

Palomino Petroleum Inc

10-16s-25w Ness,KS

The Dark Knight #1

DST # 2

Mississippi

2022.03.22



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc
 4924 SE 84th St
 New ton KS 67114+8827
 ATTN: Ryan Seib

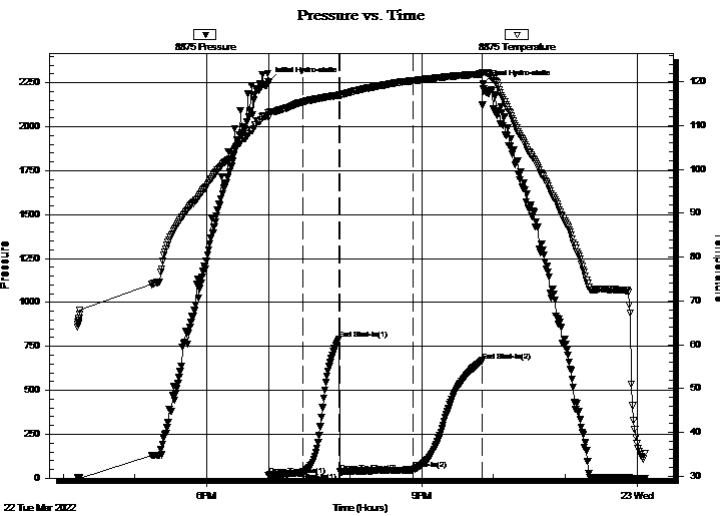
10-16s-25w Ness,KS
The Dark Knight #1
 Job Ticket: 68217 **DST#: 2**
 Test Start: 2022.03.22 @ 16:12:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:51:37
 Time Test Ended: 00:07:07
 Interval: **4523.00 ft (KB) To 4535.00 ft (KB) (TVD)**
 Total Depth: 4535.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2562.00 ft (KB)
 2551.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8875 Outside
 Press@RunDepth: 47.88 psig @ 4524.00 ft (KB) Capacity: psig
 Start Date: 2022.03.22 End Date: 2022.03.23 Last Calib.: 2022.03.23
 Start Time: 16:12:01 End Time: 00:07:07 Time On Btm: 2022.03.22 @ 18:51:32
 Time Off Btm: 2022.03.22 @ 21:51:07

TEST COMMENT: 30-IF-Surface to 2.5"
 30-ISI-No Return
 60-FF-Surface to 1.75" Died @ 30 mins
 60-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.45	112.95	Initial Hydro-static
1	16.68	111.85	Open To Flow (1)
29	30.99	115.40	Shut-In(1)
60	793.20	116.93	End Shut-In(1)
60	35.59	116.86	Open To Flow (2)
122	47.88	120.27	Shut-In(2)
179	668.01	121.82	End Shut-In(2)
180	2242.44	122.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	GOCM 30%G 15%O 55%M	0.20
70.00	GO 20%G 80%O	0.34
0.00	30 GIP 100%G	0.00

* Recovery from multiple tests

Gas Rates

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



DRILL STEM TEST REPORT

Palomino Petroleum Inc
 4924 SE 84th St
 Newton KS 67114+8827
 ATTN: Ryan Seib

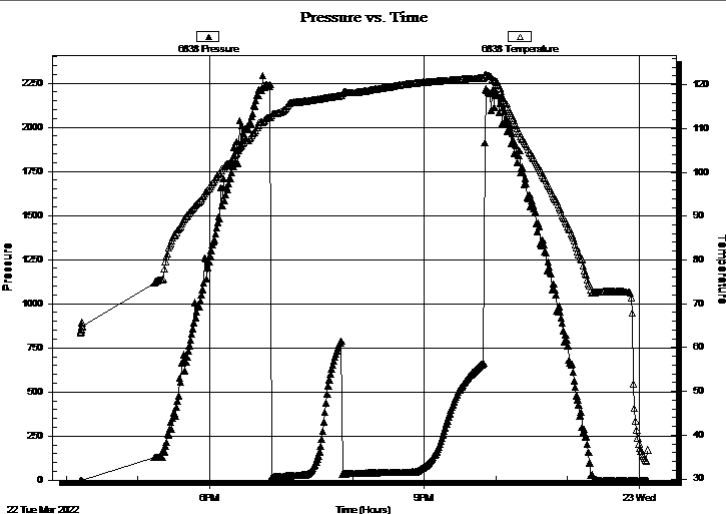
10-16s-25w Ness, KS
The Dark Knight #1
 Job Ticket: 68217 **DST#: 2**
 Test Start: 2022.03.22 @ 16:12:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 18:51:37 Tester: Spencer J Staab
 Time Test Ended: 00:07:07 Unit No: 84
Interval: 4523.00 ft (KB) To 4535.00 ft (KB) (TVD) Reference Elevations: 2562.00 ft (KB)
 Total Depth: 4535.00 ft (KB) (TVD) 2551.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6838 **Inside**
 Press@RunDepth: psig @ 4524.00 ft (KB) Capacity: psig
 Start Date: 2022.03.22 End Date: 2022.03.23 Last Calib.: 2022.03.23
 Start Time: 16:12:01 End Time: 00:07:07 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-Surface to 2.5"
 30-ISI-No Return
 60-FF-Surface to 1.75" Died @ 30 mins
 60-FSI-No Return



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

Recovery		
Length (ft)	Description	Volume (bbl)
40.00	GOCM 30%G 15%O 55%M	0.20
70.00	GO 20%G 80%O	0.34
0.00	30 GIP 100%G	0.00

* Recovery from multiple tests

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68217 **DST#: 2**
Test Start: 2022.03.22 @ 16:12:00

Tool Information

Drill Pipe:	Length: 4285.00 ft	Diameter: 3.82 inches	Volume: 60.74 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	65000.00 daN
			<u>Total Volume:</u> - bbl	Tool Chased	ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	62000.00 daN
Depth to Top Packer:	4523.00 ft			Final	62000.00 daN
Depth to Bottom Packer:	ft				
Interval between Packers:	12.00 ft				
Tool Length:	40.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4496.00	
Shut In Tool	5.00			4501.00	
Hydraulic tool	5.00			4506.00	
Jars	5.00			4511.00	
Safety Joint	3.00			4514.00	
Packer	5.00			4519.00	28.00 Bottom Of Top Packer
Packer	4.00			4523.00	
Stubb	1.00			4524.00	
Recorder	0.00	6838	Inside	4524.00	
Recorder	0.00	8875	Outside	4524.00	
Perforations	8.00			4532.00	
Bullnose	3.00			4535.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68217 **DST#: 2**
Test Start: 2022.03.22 @ 16:12:00

Mud and Cushion Information

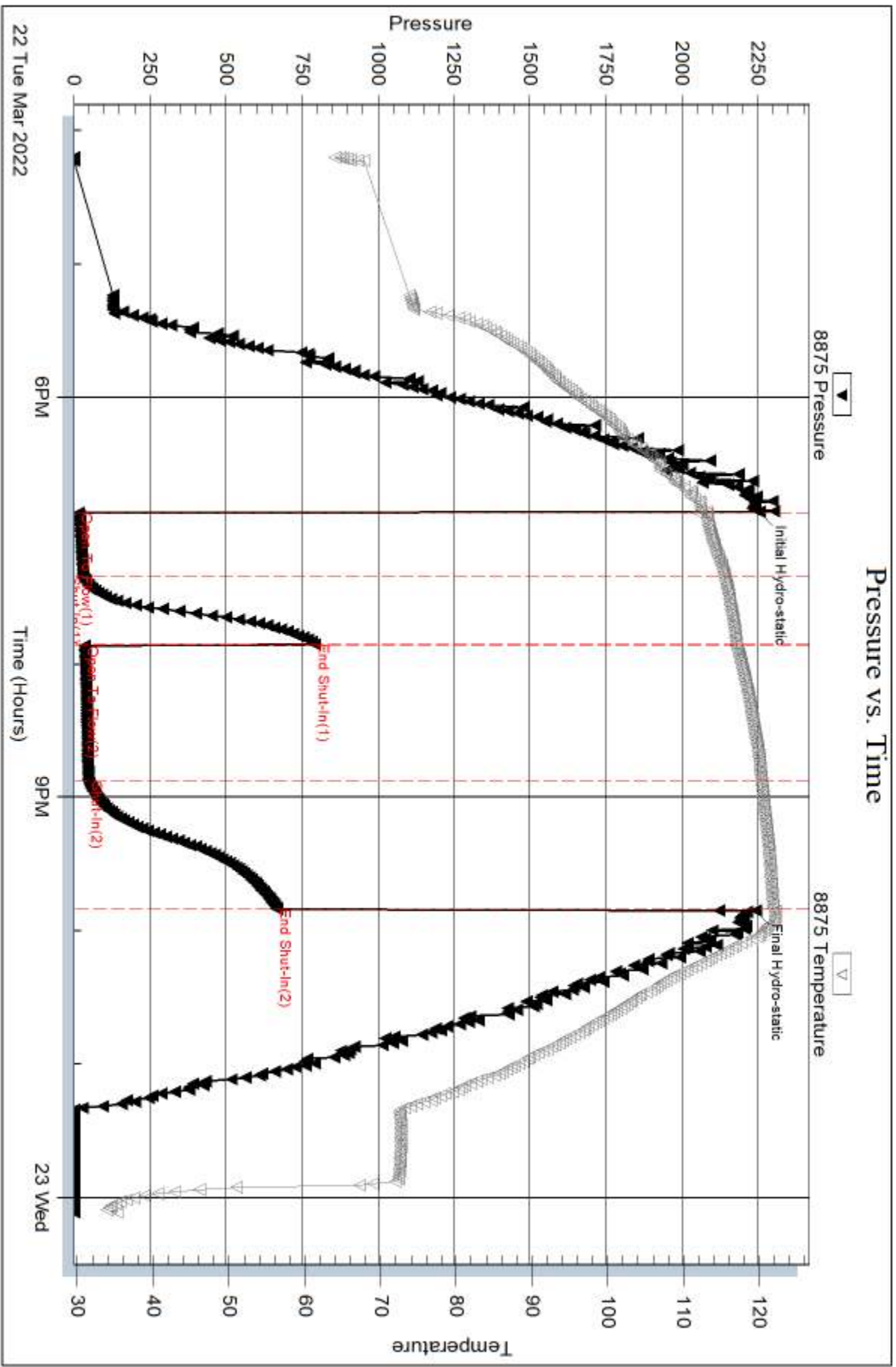
Mud Type: Gel Chem	Cushion Type:	Oil API: 34 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 3200.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	GOCM 30%G 15%O 55%M	0.197
70.00	GO 20%G 80%O	0.344
0.00	30 GIP 100%G	0.000

Total Length: 110.00 ft Total Volume: 0.541 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 1#LCM



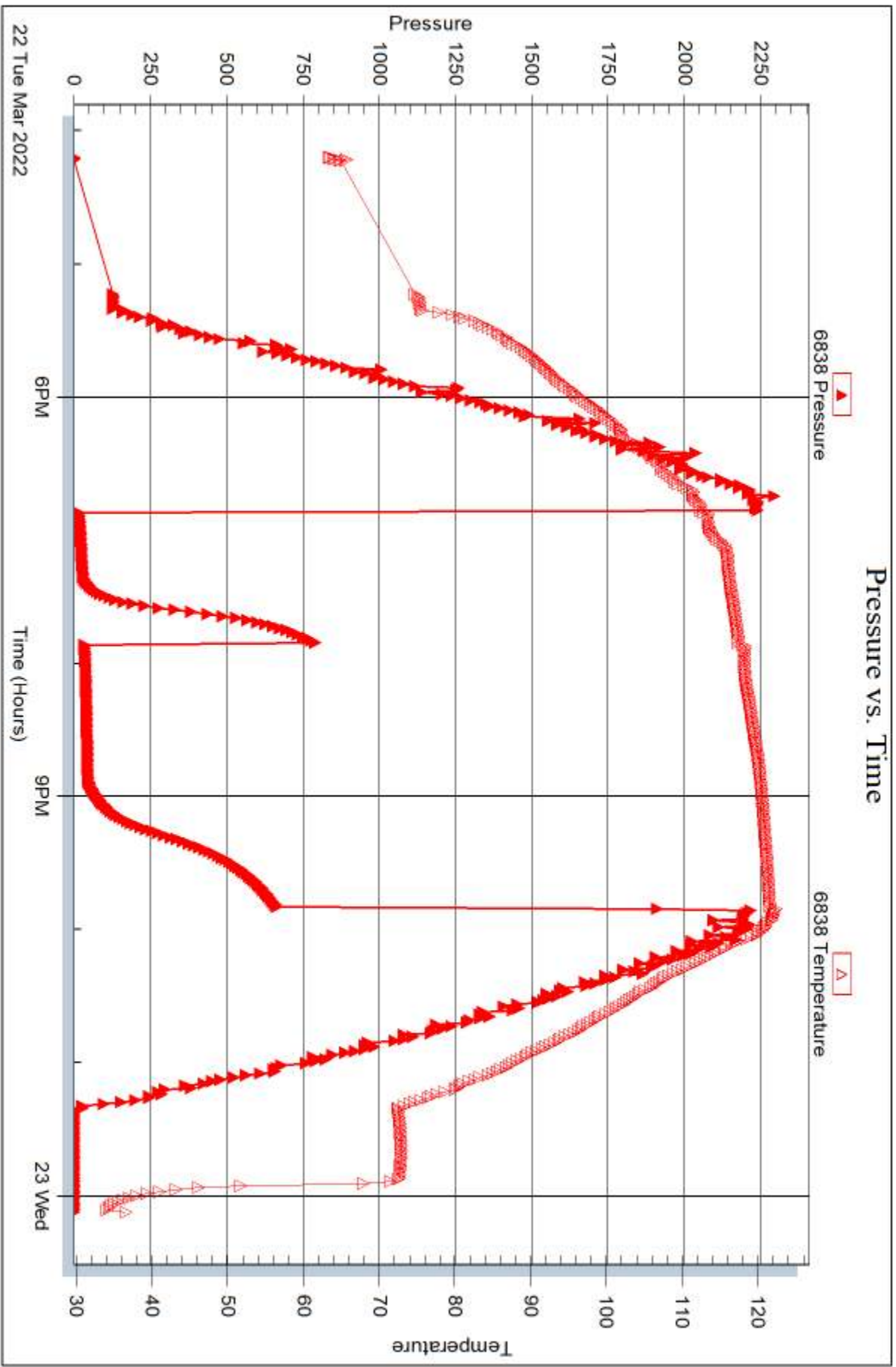
Serial #: 6838

Inside

Palomino Petroleum Inc

The Dark Knight #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 68217

Printed: 2022.03.25 @ 10:09:37



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Ryan Seib

The Dark Knight #1

10-16s-25w Ness,KS

Start Date: 2022.03.23 @ 16:44:00

End Date: 2022.03.23 @ 22:47:12

Job Ticket #: 68218 DST #: 3

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

Printed: 2022.03.25 @ 10:09:03



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc
 4924 SE 84th St
 New ton KS 67114+8827
 ATTN: Ryan Seib

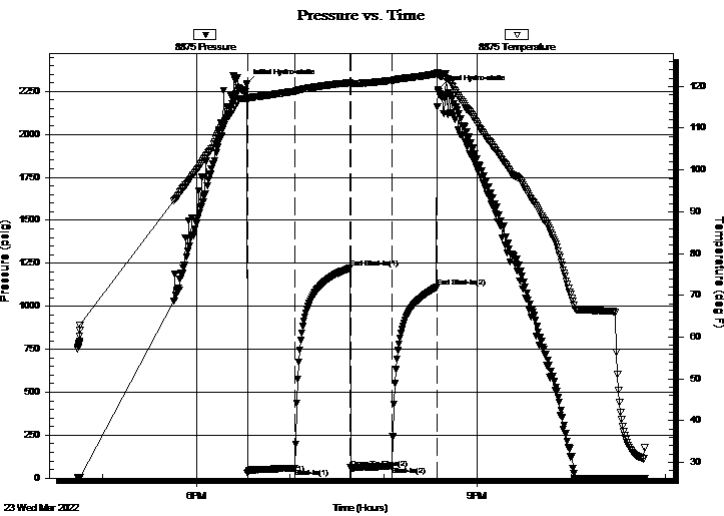
10-16s-25w Ness,KS
The Dark Knight #1
 Job Ticket: 68218 **DST#: 3**
 Test Start: 2022.03.23 @ 16:44:00

GENERAL INFORMATION:

Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:32:37
 Time Test Ended: 22:47:12
 Interval: **4529.00 ft (KB) To 4572.00 ft (KB) (TVD)**
 Total Depth: 4625.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Spencer J Staab
 Unit No: 84
 Reference Elevations: 2562.00 ft (KB)
 2551.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8875 Outside
 Press@RunDepth: 69.41 psig @ 4534.00 ft (KB) Capacity: psig
 Start Date: 2022.03.23 End Date: 2022.03.23 Last Calib.: 2022.03.23
 Start Time: 16:44:01 End Time: 22:47:11 Time On Btm: 2022.03.23 @ 18:32:22
 Time Off Btm: 2022.03.23 @ 20:34:52

TEST COMMENT: 30-IF-Surface to 1/2" Died in 3 mins
 30-ISI-No Return
 30-FF-No Blow
 30-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2293.04	117.29	Initial Hydro-static
1	27.45	116.97	Open To Flow (1)
31	58.21	118.86	Shut-In(1)
67	1221.08	120.87	End Shut-In(1)
67	59.42	120.45	Open To Flow (2)
93	69.41	121.42	Shut-In(2)
122	1110.44	123.03	End Shut-In(2)
123	2258.03	122.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MW 30%M 70%W	0.34

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68218 **DST#: 3**
Test Start: 2022.03.23 @ 16:44:00

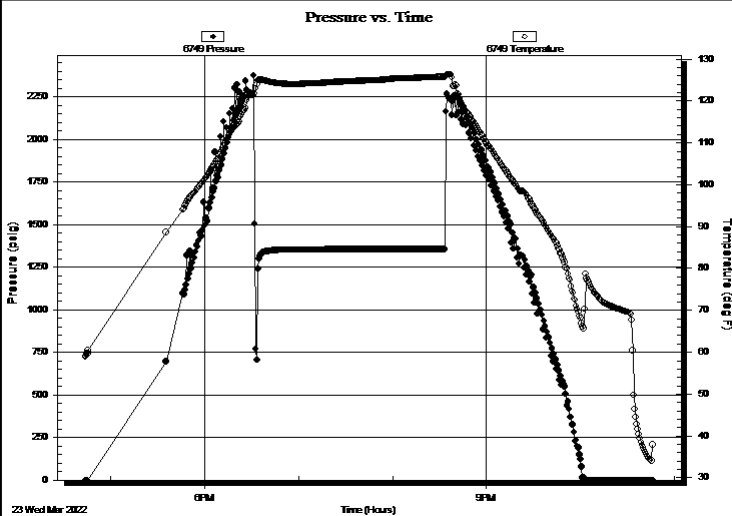
GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:32:37
Time Test Ended: 22:47:12
Interval: **4529.00 ft (KB) To 4572.00 ft (KB) (TVD)**
Total Depth: 4625.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle (Reset)
Tester: Spencer J Staab
Unit No: 84
Reference Elevations: 2562.00 ft (KB)
2551.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6749 Below (Straddle)

Press@RunDepth: psig @ 4573.00 ft (KB)
Capacity: psig
Start Date: 2022.03.23 End Date: 2022.03.23 Last Calib.: 2022.03.23
Start Time: 16:44:01 End Time: 22:46:32 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-Surface to 1/2" Died in 3 mins
30-ISI-No Return
30-FF-No Blow
30-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
70.00	MW 30%M 70%W	0.34

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68218 **DST#: 3**
Test Start: 2022.03.23 @ 16:44:00

Tool Information

Drill Pipe:	Length: 4279.00 ft	Diameter: 3.82 inches	Volume: 60.66 bbl	Tool Weight:	2500.00 daN
Heavy Wt. Pipe:	Length: ft	Diameter: 2.75 inches	Volume: - bbl	Weight set on Packer:	25000.00 daN
Drill Collar:	Length: 242.00 ft	Diameter: 2.25 inches	Volume: 1.19 bbl	Weight to Pull Loose:	80000.00 daN
			<u>Total Volume:</u>	Tool Chased	ft
			- bbl	String Weight: Initial	63000.00 daN
Drill Pipe Above KB:	21.00 ft			Final	63000.00 daN
Depth to Top Packer:	4529.00 ft				
Depth to Bottom Packer:	4625.00 ft				
Interval between Packers:	96.00 ft				
Tool Length:	125.00 ft				
Number of Packers:	1	Diameter:	6.75 inches		
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Circulating Sub	1.00			4501.00	
Change Over Sub	1.00			4502.00	
Shut In Tool	5.00			4507.00	
Hydraulic tool	5.00			4512.00	
Jars	5.00			4517.00	
Safety Joint	3.00			4520.00	
Packer	5.00			4525.00	29.00 Bottom Of Top Packer
Packer	4.00			4529.00	
Stubb	1.00			4530.00	
Perforations	3.00			4533.00	
Change Over Sub	1.00			4534.00	
Recorder	0.00	6838	Inside	4534.00	
Recorder	0.00	8875	Outside	4534.00	
Drill Pipe	31.00			4565.00	
Change Over Sub	1.00			4566.00	
Perforations	1.00			4567.00	
Blank Off Sub	1.00			4568.00	
T. S. Packer	4.00			4572.00	
Stubb	1.00			4573.00	
Recorder	0.00	6749	Below	4573.00	
Perforations	14.00			4587.00	
Change Over Sub	1.00			4588.00	
Drill Pipe	32.00			4620.00	
Change Over Sub	1.00			4621.00	
Perforations	1.00			4622.00	
Bullnose	3.00			4625.00	96.00 Bottom Packers & Anchor

Total Tool Length: 125.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc
4924 SE 84th St
New ton KS 67114+8827
ATTN: Ryan Seib

10-16s-25w Ness,KS
The Dark Knight #1
Job Ticket: 68218 **DST#: 3**
Test Start: 2022.03.23 @ 16:44:00

Mud and Cushion Information

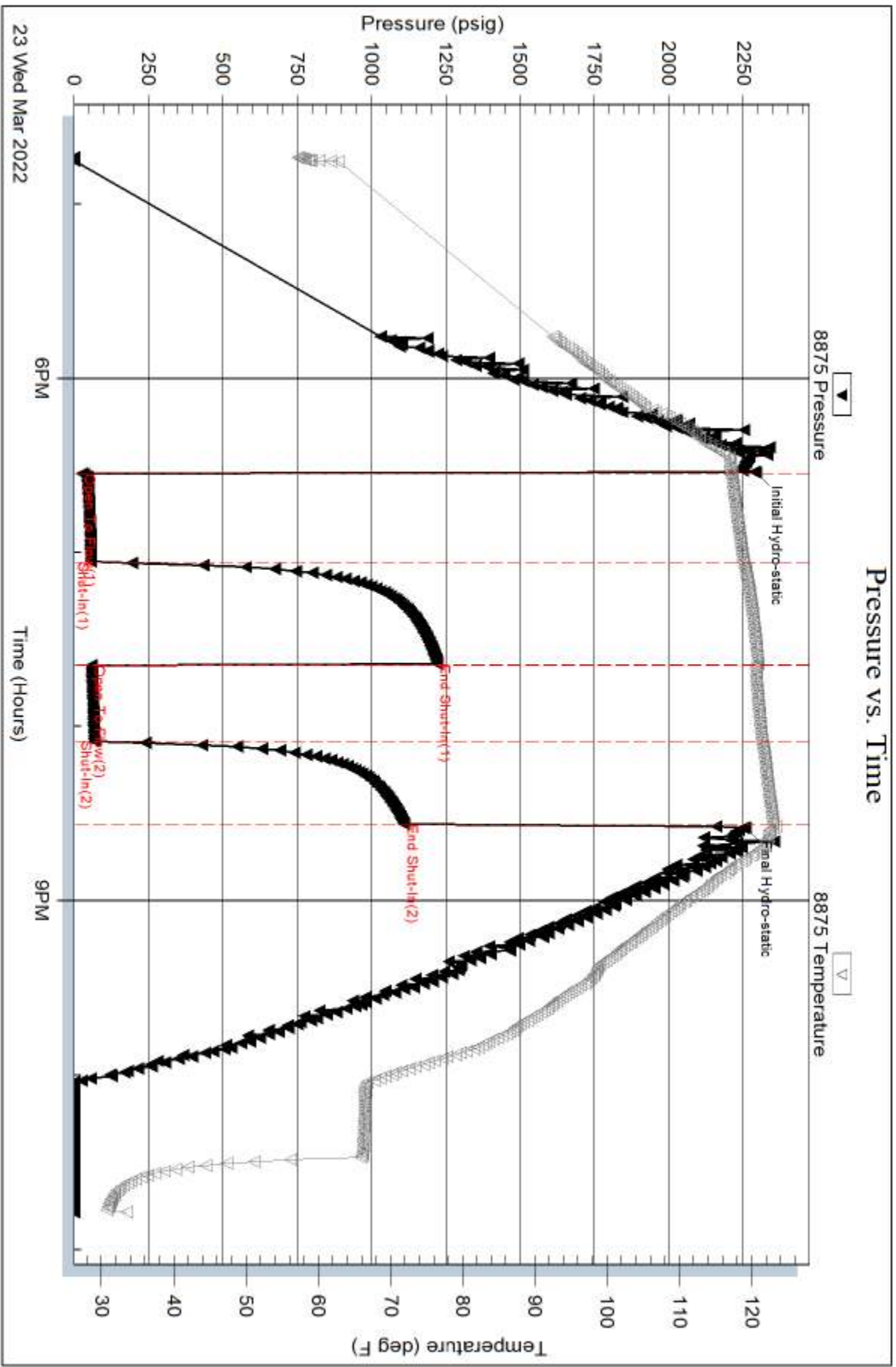
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	33000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	MW 30%M 70%W	0.344

Total Length: 70.00 ft Total Volume: 0.344 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: 1#LCM
 RW=.475@32F



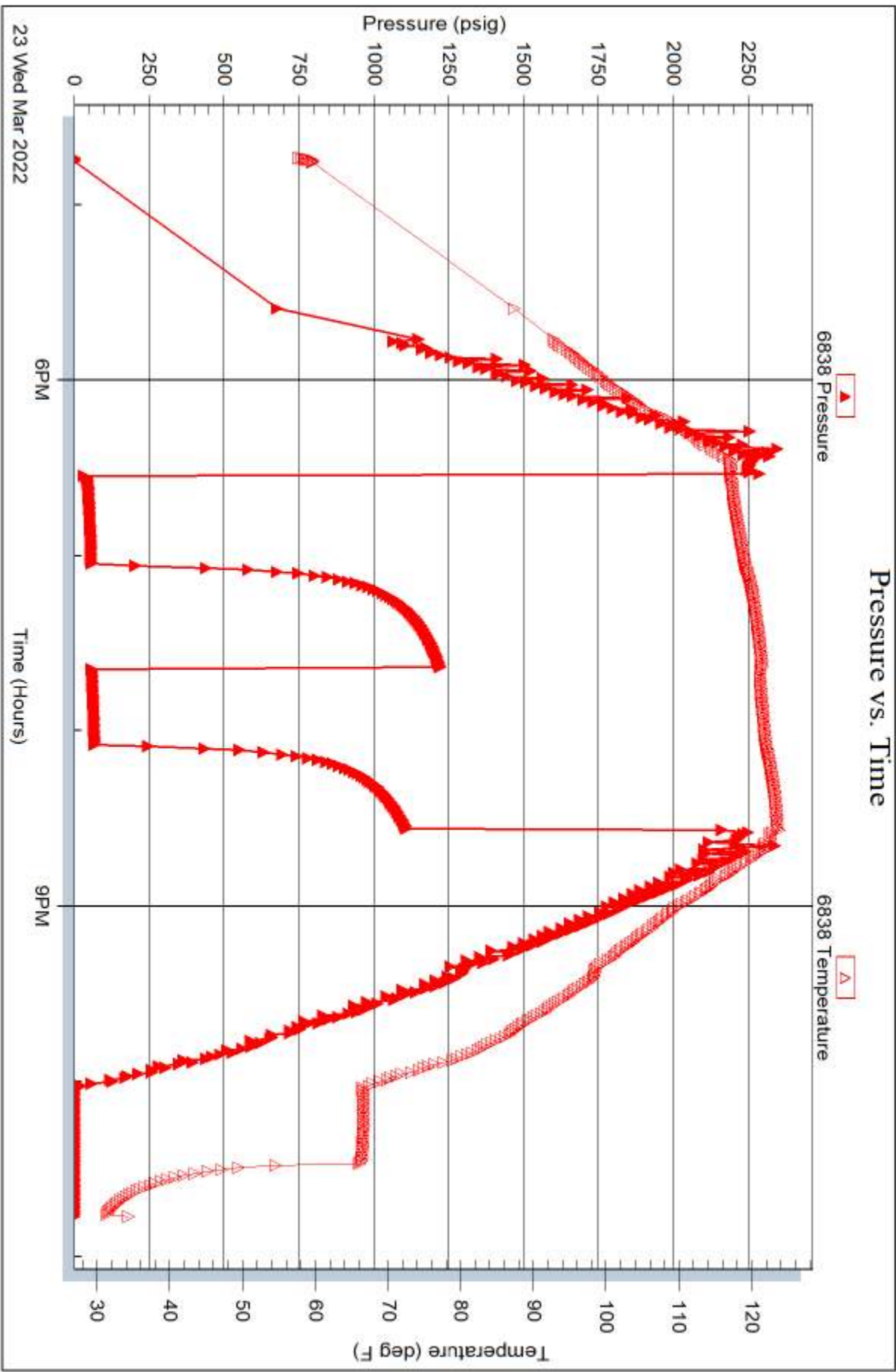
Serial #: 6838

Inside

Palomino Petroleum Inc

The Dark Knight #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68218

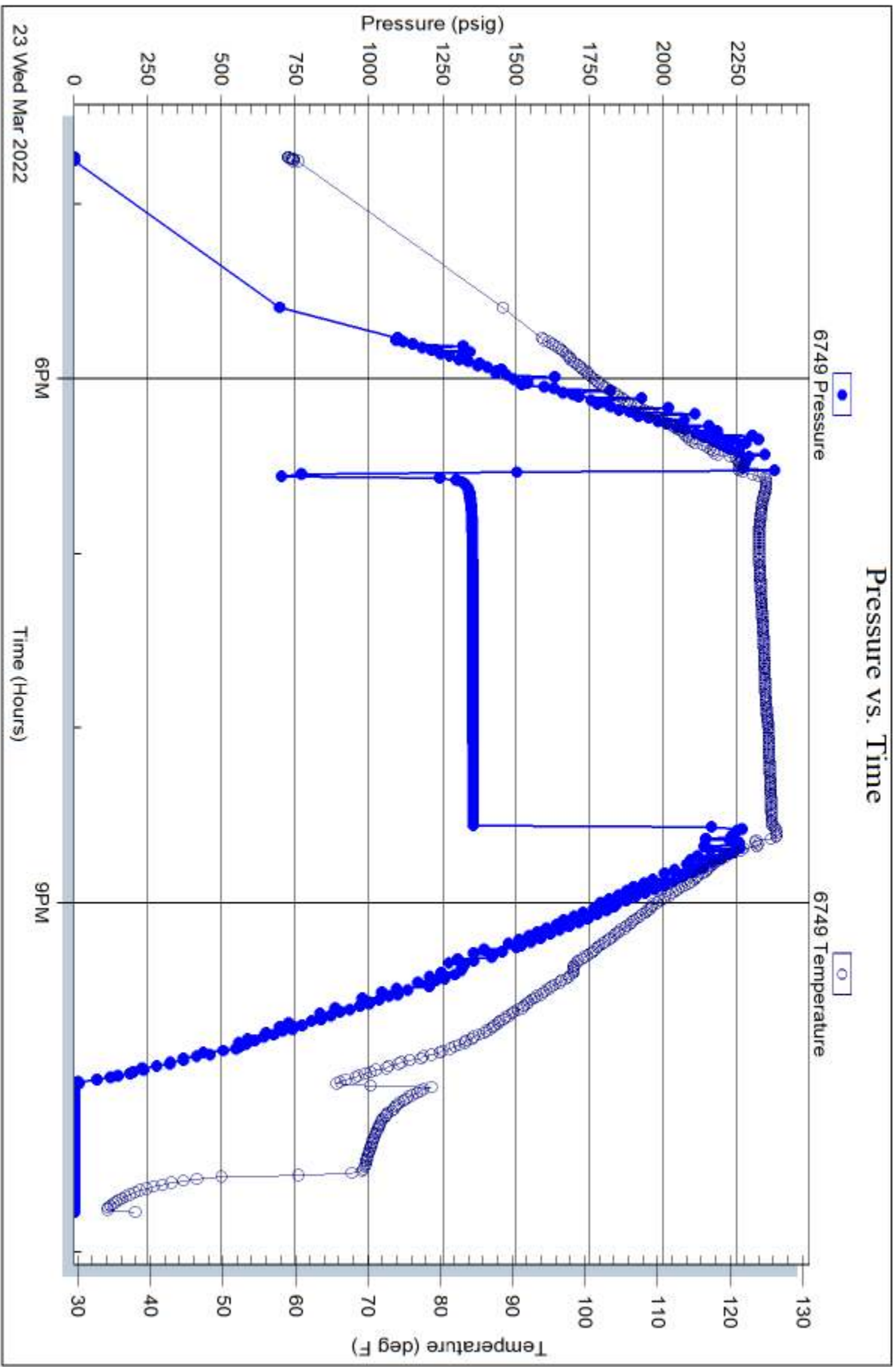
Printed: 2022.03.25 @ 10:09:04

Serial #: 6749

Below (Str Ratten) Petroleum Inc

The Dark Knight #1

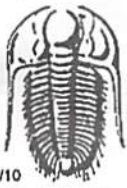
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68218

Printed: 2022.03.25 @ 10:09:04



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **68216**

Well Name & No. The Dark Knight #1 Test No. 1 Date 03/21/2022
 Company Palomino Petroleum Elevation 2562 KB 2551 GL
 Address 4924 SE 84th St Newton KS 67114-8827
 Co. Rep / Geo. Ryan Seib Rig Marfin #21
 Location: Sec. 10 Twp 16S Rge. 25W Co. Pres State KS

Interval Tested 4509'-4525' Zone Tested Mississippi
 Anchor Length 16' Drill Pipe Run 4248' Mud Wt. 9.7
 Top Packer Depth 4504' Drill Collars Run 242' Vis 52
 Bottom Packer Depth 4509' Wt. Pipe Run — WL 8.8
 Total Depth 4525 Chlorides 3000 ppm System LCM 1#

Blow Description 27-Surface to 2 1/2"
230-No Return
77-Surface to 2"
75D-No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>30'</u>	<u>HOCM</u>	<u>35</u>	<u>65</u>		
<u>60'</u>	<u>GO</u>	<u>20</u>	<u>80</u>		
<u>90'</u>	<u>GTP</u>	<u>100</u>			

Rec Total 90' BHT 122° Gravity 34° API RW — @ —°F Chlorides — ppm

(A) Initial Hydrostatic 2230 Test 1450 T-On Location 15:30
 (B) First Initial Flow 19 Jars 250 T-Started 19:12
 (C) First Final Flow 27 Safety Joint 75 T-Open 21:33
 (D) Initial Shut-In 877 Circ Sub _____ T-Pulled 10:33
 (E) Second Initial Flow 30 Hourly Standby x2 200 T-Out 03:43
 (F) Second Final Flow 43 Mileage 115rt 172.50 Comments Out of town supposed to be out @ 15:00; stopped trip out with tool due to weather
 (G) Final Shut-In 960 Sampler _____ EM Tool _____
 (H) Final Hydrostatic 2188 Straddle _____ Ruined Shale Packer _____

Initial Open 30 Extra Packer _____ Ruined Packer _____
 Initial Shut-In 30 Extra Recorder _____ Extra Copies _____
 Final Flow 60 Day Standby _____ Sub Total 0
 Final Shut-In 60 Accessibility _____ Total 2147.50
 Sub Total 2147.50 MP/DST Disc't _____

Approved By _____ Our Representative Spencer J. Stead Thanks!
 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.

785-239-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68217

Well Name & No. The Dark Knight #1 Test No. 2 Date 03/22/2022
 Company Laborino Petroleum Inc Elevation 2562 KB 2551 GL
 Address 4924 SE 84th St Newton KS 67114+8827
 Co. Rep / Geo. Ryan Seil Rig Murfin #21
 Location: Sec. 10 Twp 16s Rge. 25w Co. Miss State KS

Interval Tested 4523' - 4535' Zone Tested Mississippi
 Anchor Length 12' Drill Pipe Run 4285' Mud Wt. 9.4
 Top Packer Depth 4518' Drill Collars Run 242' Vis 51
 Bottom Packer Depth 4523' Wt. Pipe Run - WL 7.2
 Total Depth 4535' Chlorides 3200 ppm System LCM 1#

Blow Description 27-Surface to 2 1/2"
ISA - No Return
77-Surface to 1 3/4" Died @ 30 mins
75 - No Return

Rec	Feet of	%gas	%oil	%water	%mu
<u>40'</u>	<u>GOCM</u>	<u>30</u>	<u>15</u>	<u>55</u>	<u>mu</u>
<u>70'</u>	<u>GO</u>	<u>20</u>	<u>80</u>	<u>0</u>	<u>mu</u>
<u>30'</u>	<u>CRIP</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>mu</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

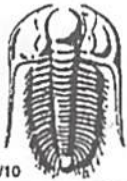
Rec Total 110' BHT 121° Gravity 34° API RW - @ - ° F Chlorides - pp

(A) Initial Hydrostatic <u>2254</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>13:50</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:12</u>
(C) First Final Flow <u>30</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:50</u>
(D) Initial Shut-In <u>793</u>	<input type="checkbox"/> Circ Sub <u> </u>	T-Pulled <u>21:50</u>
(E) Second Initial Flow <u>35</u>	<input type="checkbox"/> Hourly Standby <u> </u>	T-Out <u>00:06</u>
(F) Second Final Flow <u>47</u>	<input checked="" type="checkbox"/> Mileage <u>172.50</u>	Comments <u>out of town</u>
(G) Final Shut-In <u>668</u>	<input type="checkbox"/> Sampler <u> </u>	<u> </u>
(H) Final Hydrostatic <u>2242</u>	<input type="checkbox"/> Straddle <u> </u>	<input type="checkbox"/> EM Tool <u> </u>

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer <u> </u>	<input type="checkbox"/> Ruined Shale Packer <u> </u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer <u> </u>	<input type="checkbox"/> Ruined Packer <u> </u>
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder <u> </u>	<input type="checkbox"/> Extra Copies <u> </u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby <u> </u>	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility <u> </u>	Total <u>1947.50</u>
	Sub Total <u>1947.50</u>	MP/DST Disc't <u> </u>

Approved By _____ Our Representative Spencer J. Stal
 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.

785-259-0056



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 68218

Well Name & No. The Dark Knight #1 Test No. 3 Date 03/23/2022
 Company Palomino Petroleum Inc Elevation 2562' KB 2551' GL
 Address 4924 SE 84th ST Newton KS
 Co. Rep / Geo. Ryan Seib Rig Murfin #21
 Location: Sec. 10 Twp 16S Rge. 25W Co. Neos State KS

Interval Tested 4529' - 4572' Zone Tested Mississippi
 Anchor Length 43' 53' tail Drill Pipe Run 4279' Mud Wt. 9.4
 Top Packer Depth 4529' Drill Collars Run 242' Vis 52
 Bottom Packer Depth 4572' Wt. Pipe Run - WL 8.0
 Total Depth 4625' Chlorides 3500 ppm System LCM 1#
 Blow Description 27 Surface to 1/2" Dried in 3 mins

SSD - No Return
77 - No Blow
78 - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>70'</u>	<u>MW</u>			<u>70</u>	<u>30</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 70' BHT 123° Gravity - API RW 475 @ 32° F Chlorides 33,000 ppm
 (A) Initial Hydrostatic 2293 Test 1450 T-On Location 15:00
 (B) First Initial Flow 27 Jars 250 T-Started 16:44
 (C) First Final Flow 58 Safety Joint 75 T-Open 18:30
 (D) Initial Shut-In 1221 Circ Sub _____ T-Pulled 20:30
 (E) Second Initial Flow 59 Hourly Standby _____ T-Out 22:45
 (F) Second Final Flow 69 Mileage 172.50 Comments out of town
 (G) Final Shut-In 1110 Sampler _____
 (H) Final Hydrostatic 2258 Straddle 600
 Shale Packer 250 EM Tool _____

Initial Open 30 Extra Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Recorder _____ Ruined Packer _____
 Final Flow 30 Day Standby _____ Extra Copies _____
 Final Shut-In 30 Accessibility _____ Sub Total 0
 Sub Total 2797.50 Total 2797.50
 MP/DST Disc't _____

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.