

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



Invoice

DATE	INVOICE #
8/4/2022	34486

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

RECEIVED
AUG 11 2022
BY: _____

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1	Happy Gilmore	Ness	Duke Drlg	Oil	Development	5 1/2 Longstring	Preston
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				10	Miles	7.00	70.00
578D-L	Pump Charge - Long String				1	Job	1,600.00	1,600.00
404-5	5 1/2" Port Collar				1	Each	2,500.00	2,500.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	350.00	350.00T
409-5	5 1/2" Turbolizer				10	Each	100.00	1,000.00T
403-5	5 1/2" Cement Basket				1	Each	300.00	300.00T
325	Standard Cement				100	Sacks	15.00	1,500.00T
284	Calseal				5	Sack(s)	50.00	250.00T
283	Salt				500	Lb(s)	0.25	125.00T
285	CFR-1				50	Lb(s)	6.00	300.00T
276	Flocele				75	Lb(s)	3.00	225.00T
330	Swift Multi-Density Standard (MIDCON II)				125	Sacks	19.50	2,437.50T
281	Mud Flush				500	Gallon(s)	2.00	1,000.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00T
290	D-Air				2	Gallon(s)	42.00	84.00T
581D	Service Charge Cement				225	Sacks	2.00	450.00
582D	Minimum Drayage Charge				1	Each	350.00	350.00
Subtotal								12,841.50
Sales Tax Ness County							6.50%	674.15
We Appreciate Your Business!						Total		\$13,515.65



CHARGE TO: Palomino Petroleum

TICKET 34486

ADDRESS
CITY, STATE, ZIP CODE

CITY, STATE, ZIP CODE

PAGE 1 OF 2

1. SERVICE LOCATIONS <u>Ness City</u>	WELL/PROJECT NO. <u>#1</u>	LEASE <u>Happy Gilmore</u>	COUNTY/PARISH <u>Nes</u>	STATE <u>KS</u>	CITY	DATE <u>8-4-22</u>	OWNER
2.	TICKET TYPE <input checked="" type="checkbox"/> SERVICE <input type="checkbox"/> SALES	CONTRACTOR <u>Duke</u>	RIG NAME/NO.	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>long string 5 1/2"</u>	WELL PERMIT NO.		WELL LOCATION <u>Ness City 6 N</u>	
4. REFERRAL LOCATION	INVOICE INSTRUCTIONS						

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		UM	UM		
575					MILEAGE	10	mi	7.00	70.00
578					long string	1	500	1600.00	1600.00
404					Port Collar	1	ea	2500.00	2500.00
406					latch down plug & Bottle	1	ea	250.00	250.00
407					Insert Flap shoe w/ Auto Fill	1	ea	350.00	350.00
409					Turbolizer	1	ea	100.00	100.00
403					Cement Basket	1	ea	300.00	300.00

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.

DATE SIGNED 8-5-22 TIME SIGNED 5:00 A.M. P.M.

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

SURVEY

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?	AGREE	UNDECIDED	DISAGREE
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			

ARE YOU SATISFIED WITH OUR SERVICE?
 CUSTOMER DID NOT WISH TO RESPOND YES NO

PAGE TOTAL #1 60701.00

TOTAL 13575.65

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

SWIFT OPERATOR Patrick Rouse APPROVAL

Thank You!



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

TICKET CONTINUATION

TICKET No. 34486

CUSTOMER: *Palomino Petroleum* WELL: *Happy Gilmore #1* DATE: *8-2-22* PAGE: *2* OF: *2*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
325		1				STD Cement	100	SKS			15.00	1500.00
284		1				Cal Seal	5	SKS			50.00	250.00
283		1				Salt	500	LBS			.25	125.00
285		1				CFR-1	50	LBS			6.00	300.00
276		1				Flocrete	75	LBS			3.00	225.00
330		1				SMD Cement	125	SKS			19.50	2437.50
281		1				Mud Flush	500	gal			2.00	1000.00
221		1				Liquid KCL	2	gal			25.00	50.00
290		1				D-Air	2	gal			42.00	84.00
581						SERVICE CHARGE						
						<i>CMT</i>						
582						MILEAGE CHARGE						
						TOTAL WEIGHT	21,850					
						LOADED MILES	10					
						CUBIC FEET	225 SKS				7.50	450.00
						TON MILES	109 Tm				350.00	350.00

CONTINUATION TOTAL **6817.50**

JOB LOG

SWIFT Services, Inc.

DATE 8-4-22 PAGE NO. 1

CUSTOMER		WELL NO.		LEASE		JOB TYPE		TICKET NO.	
Palomino Petroleum		#1		Happy Gilmore		long string 5 1/2"		34486	
CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS	
				T	C	TUBING	CASING		
8-4	23:30								ON location 5 1/2" 14"
									RTD 4555' LTD 4552' set @ 4553 shoe 42,15' PC 1718' collar #68 Basket pin #68 Turbo lizers 1,2,3,4,5,6,7,8,9,69
8-5	2:30								start 5 1/2" 14" Csg in well drop ball circulate
	3:40	3	12				200		pump 500 gal mud flush
		3	20				200		pump 20 BBL KCL spacer
		3	11						plug RH, 30SKS
	3:55	4	37				200		mix 95 SKS SMD
		4	24				200		mix 100 SKS EA2
	4:20								wash pump lines drop latch down plug
	4:25	6	0				200		start displacement
		6	80				300		lif pressure
		6	109				200		max lift
	4:40		110				1800		land plug
	4:50								wash truck #112
	5:15								Job Complete Thanks! 125 SKS SMD (30 SKS RH) 100 SKS EA2 Preston, Kirby, Isaac



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: 7/28/2022
 Invoice #: 0362195
 Lease Name: Happy Gilmore
 Well #: 1 (New)
 County: Ness, Ks
 Job Number: WP3152
 District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Depth Charge 0'-500'	1.000	960.000	960.00
Heavy Eq Mileage	180.000	4.000	720.00
Light Eq Mileage	90.000	2.000	180.00
Ton Mileage	891.000	1.500	1,336.50
H-325	200.000	21.600	4,320.00
Service Supervisor	1.000	264.000	264.00
Cement Blending & Mixing	200.000	1.344	268.80
Cement Service-After 4 Hours	2.000	288.000	576.00

Total 8,625.30

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 # Happy Gilmore # 1		Date 7/28/2022	
Service District Oakley KS		County & State Ness KS		Legals S/T/R 29-17S-23W	
Job Type Surface		<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well? <input checked="" type="checkbox"/> YES <input type="checkbox"/> No
Equipment # 230		Driver Josh			
194/254		Tyler			
Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
<input checked="" type="checkbox"/> Hard hat		<input checked="" type="checkbox"/> Gloves		<input checked="" type="checkbox"/> Lockout/Tagout	
<input checked="" type="checkbox"/> H2S Monitor		<input checked="" type="checkbox"/> Eye Protection		<input checked="" type="checkbox"/> Required Permits	
<input checked="" type="checkbox"/> Safety Footwear		<input checked="" type="checkbox"/> Respiratory Protection		<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	
<input checked="" type="checkbox"/> FRC/Protective Clothing		<input type="checkbox"/> Additional Chemical/Acid PPE		<input checked="" type="checkbox"/> Overhead Hazards	
<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		\$960.00
m010	Heavy Equipment Mileage	mi	180.00		\$720.00
m015	Light Equipment Mileage	mi	90.00		\$180.00
m020	Ton Mileage	tm	891.00		\$1,336.50
cp015	H-325	sack	200.00		\$4,320.00
r061	Service Supervisor	day	1.00		\$264.00
c060	Cement Blending & Mixing Service	sack	200.00		\$268.80
C030	Cement Service - After 4 Hrs on Location	hr	2.00		\$576.00
					Net: \$8,625.30
Customer Section: On the following scale how would you rate Hurricane Services Inc.?					
Based on this job, how likely is it you would recommend HSI to a colleague?					
<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"/>					
Unlikely 1 2 3 4 5 6 7 8 9 10 Extremely Likely					
				Total Taxable \$ -	Tax Rate:
				Sale Tax: \$ -	
				Total: \$ 8,625.30	
HSI Representative: <i>Josh Master</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 1/2% 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
City, State: OAKLEY KS
Field Rep: JOSH

Well: Happy Gilmore # 1
County: Ness KS
S-T-R: 29-17S-23W

Ticket: WP 3152
Date: 7/28/2022
Service: Surface

Downhole Information

Hole Size: 12.25 in
Hole Depth: 225 ft
Casing Size: 8 5/8 in
Casing Depth: 222.9 ft
Tubing / Liner: in
Depth: ft
Tool / Packer:
Tool Depth: ft
Displacement: 12.9 bbls

Calculated Slurry - Lead

Blend: h-325
Weight: 14.8 ppg
Water / Sx: 6.9 gal / sx
Yield: 1.41 ft³ / sx
Annular Bbls / Ft.: 0.0735 bbs / ft.
Depth: 222.9 ft
Annular Volume: 16.4 bbls
Excess:
Total Slurry: 50.2 bbls
Total Sacks: 200 sx

Calculated Slurry - Tail

Blend:
Weight: ppg
Water / Sx: gal / sx
Yield: ft³ / sx
Annular Bbls / Ft.: bbs / ft.
Depth: ft
Annular Volume: 0 bbls
Excess:
Total Slurry: 0.0 bbls
Total Sacks: 0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
730P			-	-	GOT TO LOCATION RIG WAS DRILLING @ 65FT
735P				-	SAFETY MEETING
740P				-	RIGGED UP
1215A				-	CIRCULATED HOLE
1225A	3.0	100.0	5.0	5.0	PUMPED H2O AHEAD
1227A	3.8	500.0	50.2	55.2	PUMPED 200 SKS OF H- 325 @ 222.9 FT
1240A	2.6	300.0	12.9	68.1	DISPLACED WITH H2O
1245A				68.1	PLUG DOWN WITH 5 BBL TO PIT
1250a				68.1	WASHED UP PUMP TRUCK
100A				68.1	RIGGED DOWN TRUCKS
115A				68.1	OFF LOCATION

CREW		UNIT	SUMMARY		
Cementer:	Josh	230	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Tyler	194/254	3.1 bpm	300 psi	68 bbls
Bulk #1:					
Bulk #2:					

MUD LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Happy Gilmore
API: 15-135-26183-00-00
Location: 2310 FSL , 2310 FWL - Sec.29, T17S, R23W
License Number: _____ Region: Kansas
Spud Date: 7/28/2021 Drilling Completed: 8/04/2021
Surface Coordinates: 38.545686, -98.891636

Bottom Hole Same as Surface
Coordinates:
Ground Elevation (ft): 2412 K.B. Elevation (ft): 2420
Logged Interval (ft): 3500 To: T.D. Total Depth (ft): 4550
Formation: Mississippi @ T.D.
Type of Drilling Fluid: Chemical Mud

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Palomino Petroleum, Inc
Address: 4924 SE 84TH ST
Newton KS 67114

GEOLOGIST

Name: Keaton Jones
Company: Rockhound Petroleum, LLC
Address: 255 NE 30th
St. John KS 67576
(620)-546-4010

Well Tops Comparison

Lease: KB Formation	Happy Gilmore 2420			Lease: KB Formation	Lynch B 2403	
	Top	Datum	Strat Comp		Top	Datum
Anhy	1705	715	5	Anhy	1693	710
Topeka	3505	-1085		Topeka	0	2403
King Hill	3641	-1221		King Hill	0	2403
Queen Hill	3704	-1284		Queen Hill	0	2403
Heebner	3793	-1373	9	Heebner	3785	-1382
Toronto	3810	-1390	9	Toronto	3802	-1399
Lansing	3833	-1413	8	Lansing	3824	-1421
BKC	4120	-1700	8	BKC	4111	-1708
Pawnee	4228	-1808	11	Pawnee	4222	-1819
Fort Scott	4318	-1898	10	Fort Scott	4311	-1908
Cherokee	4339	-1919	10	Cherokee	4332	-1929
Miss Dol	4412	-1992	15	Miss Dol	4410	-2007
R.T.D	4550	-2130		R.T.D	0	2403
L.T.D	4552	-2132				
SAMPLE TOPS			VS	LOG TOPS		
Anhy	1705	715	0	Anhy	1705	715
Topeka	3507	-1087	-2	Topeka	3505	-1085
King Hill	3641	-1221	0	King Hill	3641	-1221
Queen Hill	3706	-1286	-2	Queen Hill	3704	-1284
Heebner	3796	-1376	-3	Heebner	3793	-1373
Toronto	3812	-1392	-2	Toronto	3810	-1390
Lansing	3835	-1415	-2	Lansing	3833	-1413
BKC	4123	-1703	-3	BKC	4120	-1700
Pawnee	4232	-1812	-4	Pawnee	4228	-1808
Fort Scott	4317	-1897	1	Fort Scott	4318	-1898
Cherokee	4342	-1922	-3	Cherokee	4339	-1919
Miss Dol	4416	-1996	-4	Miss Dol	4412	-1992
R.T.D	4550	-2130	2	L.T.D	4552	-2132



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

palomino petroleum inc.
4924 SE 84th St
New ton KS 67114+8827
ATTN: keaton jones

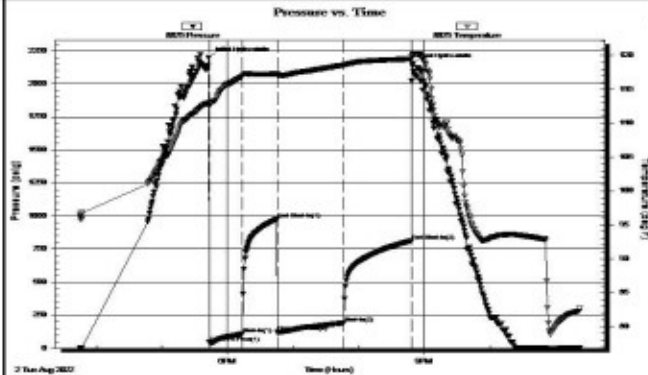
29-17e-23w ness ks
Happy Gilmore #1
Job Ticket: 69783 DST#: 1
Test Start: 2022.08.02 @ 15:45:00

GENERAL INFORMATION:

Formation: **miss**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 17:43:17
Time Test Ended: 23:22:07
Test Type: Conventional Bottom Hole (Initial)
Tester: Richie Samora
Unit No: 84
Interval: **4339.00 ft (KB) To 4434.00 ft (KB) (TVD)**
Total Depth: **4434.00 ft (KB) (TVD)**
Reference Elevations: 2420.00 ft (KB)
2412.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8875 **Inside**
Press@RunDepth: 192.05 psig @ 4342.00 ft (KB) Capacity: psig
Start Date: 2022.08.02 End Date: 2022.08.02 Last Calib.: 2022.08.02
Start Time: 15:45:01 End Time: 23:22:07 Time On Btm: 2022.08.02 @ 17:43:07
Time Off Btm: 2022.08.02 @ 20:48:57

TEST COMMENT: 30-F-BOB in 26 built to 13in
30-IS-surface to 1in
60-FF-BOB in 35 built to 15in
60-FSI-surface



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.22	113.05	Initial Hydro-static
1	45.03	112.47	Open To Flow (1)
31	108.91	116.89	Shut-in(1)
63	975.06	117.25	End Shut-in(1)
63	123.95	117.05	Open To Flow (2)
124	192.05	118.55	Shut-in(2)
186	813.12	119.49	End Shut-in(2)
186	2151.09	120.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	GMO 20G 30M 500	3.54
250.00	GO 20G 800	3.54
0.00	300ft of GP	0.00

Gas Rates

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



**TRIBOLITE
TESTING, INC.**

DRILL STEM TEST REPORT

Palomino Petroleum Inc.
4924 SE 84th St
New ton KS 67114+8827
ATTN: Keaton Jones

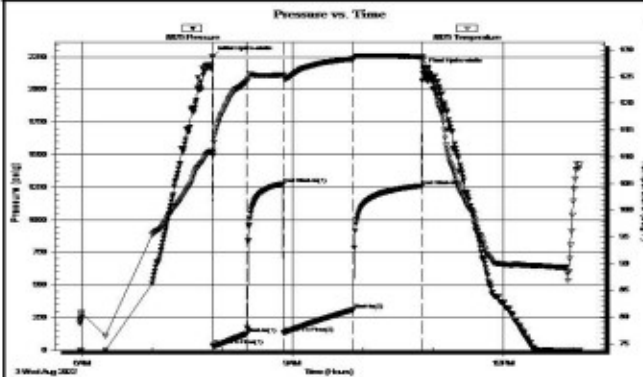
29-17e-23w Ness,KS
Happy Gilmore #1
Job Ticket: 69784 DST#: 2
Test Start: 2022.08.03 @ 05:58:00

GENERAL INFORMATION:

Formation: **Miss**
Deviated: No Whipstock ft (KB)
Time Tool Opened: 07:51:37
Time Test Ended: 13:05:47
Test Type: Conventional Bottom Hole (Reset)
Tester: Richie Samora
Unit No: 84
Interval: **4435.00 ft (KB) To 4445.00 ft (KB) (TVD)**
Reference Elevations: 2420.00 ft (KB)
Total Depth: 4445.00 ft (KB) (TVD) 2412.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8875 Inside
Press@RunDepth: 311.66 psig @ 4436.00 ft (KB) Capacity: psig
Start Date: 2022.08.03 End Date: 2022.08.03 Last Calib.: 2022.08.03
Start Time: 05:58:01 End Time: 13:05:47 Time On Btm: 2022.08.03 @ 07:51:27
Time Off Btm: 2022.08.03 @ 10:51:17

TEST COMMENT: 30-F-BOB 12 mins Built to 22"
30-IS-Surface to 2" Died to 1"
60-FF-BOB 17 mins Built to 22"
60-FSI-Surface Died @ 20 mins



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.52	111.01	Initial Hydro-static
1	36.15	110.25	Open To Flow (1)
30	125.50	124.10	Shut-in(1)
61	1277.33	125.28	End Shut-in(1)
61	133.69	124.94	Open To Flow (2)
121	311.66	128.35	Shut-in(2)
179	1260.54	128.71	End Shut-in(2)
180	2156.24	128.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GSOCM 5%G 5%O 90%M	0.43
800.00	GO 30%G 70%O	11.34
0.00	380 GP 100%G	0.00

* Recovery from multiple tests

Gas Rates

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

Conn - 3513

Ls - Gry - MedXLn - Shly

Ls - Br - MeXLn - Weathered - Interbed Sh & Pyrite

-Mud Check-
Wt: 8.9
Vis: 60
LCM: 2#

Ls - Br/Gry - FXln - No Vis Por - Dse

-Rig Check-

Ls - Br - MedXLn - Sli oolic - N/S

Conn - 3545

Sh - Gry

Ls - Br - MedXLn - Sli Foss - Highly Oolitic/Moldic Por - N/S

Issues with Auto Driller
- Inconsistent W.O.B.

Sh - Gry - waxy - Sme Silty

Conn - 3577

Ls - Br - fXLn - Sme Oolites - InterXLn Por N/S

Ls - Br - fXLn - Sme Vuggy Por - mstly No Vis Por

Conn - 3607

Ls - Wht - fXLn - Sli Chalky - No Vis Por

- Much Check -
Wt: 8.9
Vis: 57
LCM: 2#

Ls - Wht - chalky

Ls - No XLn - Chalky

Conn - 3640

King Hill (-1221)

Sh - Black - Carb - Fiss

W.O.B 6,000

Ls - Br - fXLn - Chalky - Sme stn

-Mud Check-
Wt: 8.8
Vis: 60+
Increase Water

Auto Driller Issues

Ls - wht/Br - fXLn - Sli Chalky - Sme Stn - Sli Weathered - few W/ Vug Por N/S

Conn - 3672

Ls - Wht - f/MicroXLn - very few scat oolic por

Ls - Br/Wht - f/MedXLn - Weathered - Foss - Sme scat oolitic

Ls - Br/Wht - f/MedXLn - weathered - Foss sme Stn - Mostly chalky with No Vis Por.

-Rig Check-

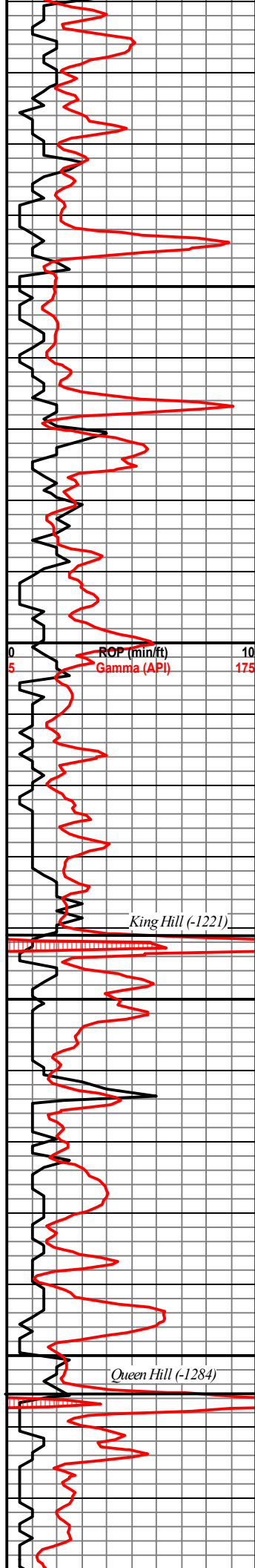
Queen Hill (-1284)

Sh - black - Carb - few Pieces

Conn - 3705

Ls - wht - Scat XLn vry chalky - No Vis Por - Sme stn

As Above



3550

3600

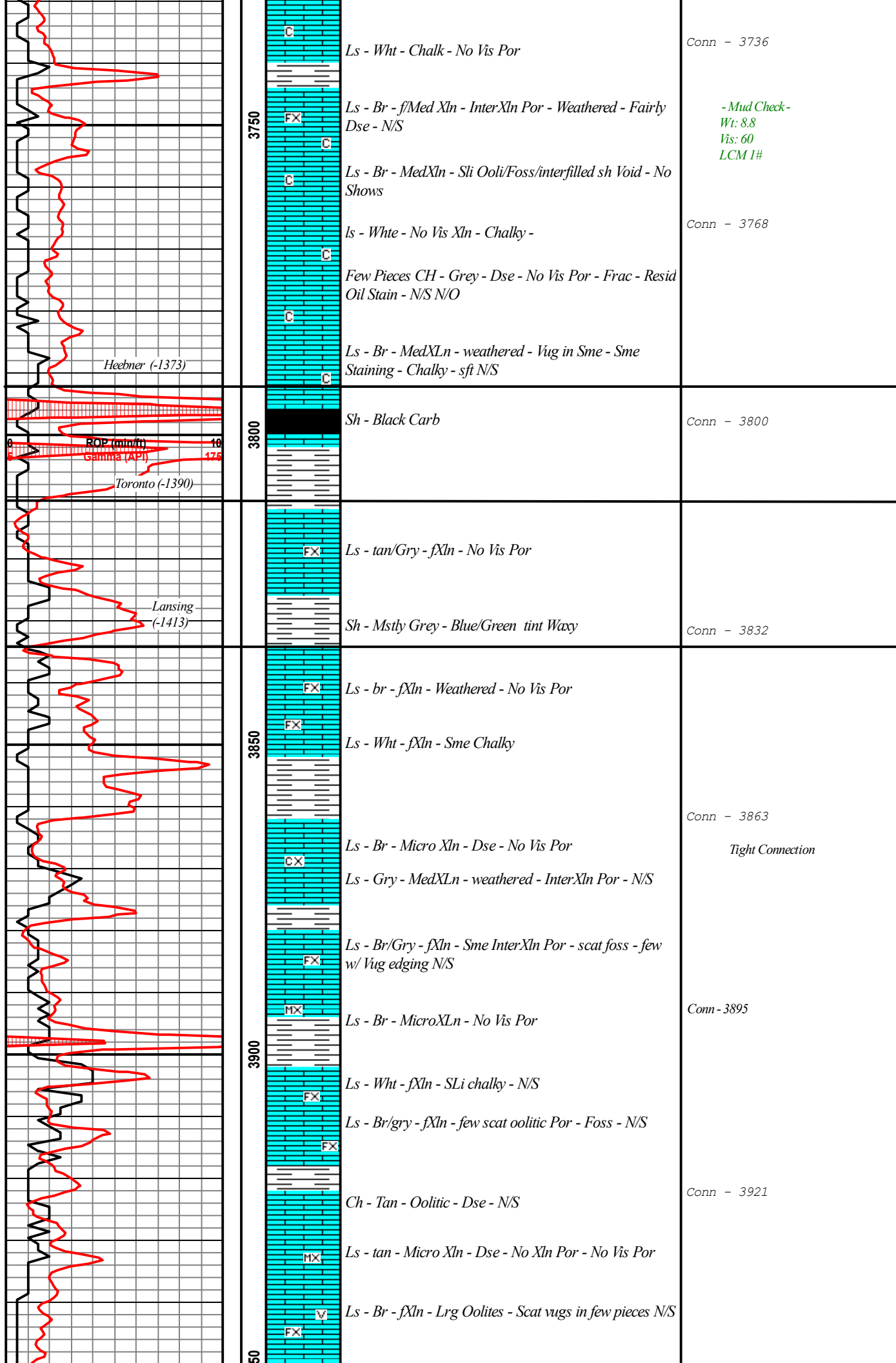
3650

3700

ROP (min/ft)
Gamma (API)

0
5

10
175



3750

Ls - Wht - Chalk - No Vis Por

Conn - 3736

Ls - Br - fMed Xln - InterXln Por - Weathered - Fairly Dse - N/S

- Mud Check -
Wt: 8.8
Vis: 60
LCM 1#

Ls - Br - MedXln - Sli Ooli/Foss/interfilled sh Void - No Shows

Conn - 3768

ls - White - No Vis Xln - Chalky -

Few Pieces CH - Grey - Dse - No Vis Por - Frac - Resid Oil Stain - N/S N/O

Ls - Br - MedXln - weathered - Vug in Sme - Sme Staining - Chalky - sft N/S

Heebner (-1373)

3800

Sh - Black Carb

Conn - 3800

ROP (min/ft) 10
Gamma (API) 475

Toronto (-1390)

3850

Ls - tan/Gry - fXln - No Vis Por

Sh - Mstly Grey - Blue/Green tint Waxy

Conn - 3832

Lansing (-1413)

3850

Ls - br - fXln - Weathered - No Vis Por

Ls - Wht - fXln - Sme Chalky

Conn - 3863

Ls - Br - Micro Xln - Dse - No Vis Por

Ls - Gry - MedXln - weathered - InterXln Por - N/S

Tight Connection

Ls - Br/Gry - fXln - Sme InterXln Por - scat foss - few w/ Vug edging N/S

3900

Ls - Br - MicroXln - No Vis Por

Conn - 3895

Ls - Wht - fXln - Sli chalky - N/S

Ls - Br/gry - fXln - few scat oolitic Por - Foss - N/S

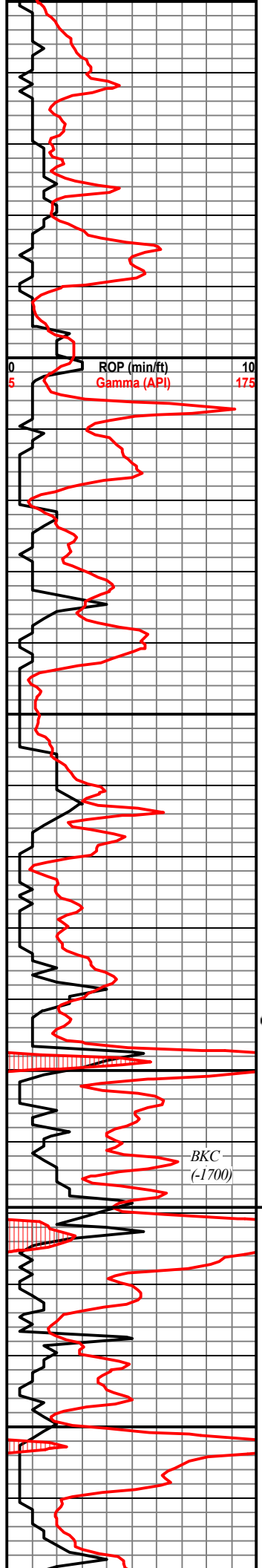
Conn - 3921

Ch - Tan - Oolitic - Dse - N/S

Ls - tan - Micro Xln - Dse - No Xln Por - No Vis Por

Ls - Br - fXln - Lrg Oolites - Scat vugs in few pieces N/S

3950



39
 Ls - Br - Sli Oolica MedXln - IntrXln Por Sme Stn Nsfo N Odor
 Ls - Br - MicroXln - Dse - No Vis Por
 Ls - Gry - fXln - Dse - scat ReXln Por N/S N/O
 Sh - gry
 Ls - Cream/Buf - Micro-FXln - No Vis Por Dse
 Ls - Br - MedXln - Foss - Vugg-Oolic Por dse
 Ls - Br - MicroXln - No Vis Por - Frac W/ Sme Stain - NSFO N/O
 Ls - Br/wht - MedXln - mstly ooli - sme oolastic W/ Oomoldic Por - N/S
 Ls - br - fXln - No vis Por
 Ls - Wht - fXln - PP Por - Sli Yug - Foss - SFO&G on Break - Faint odor if any
 Sh - black - Sli fiss - Carb
 Ls - Gry - fXln - No Vis Por
 Ls - br/gry - MedXln - Foss - InterXln Por - N/S
 Sh - Black - Carb
 Ls - green Med Xln - SS - green/Purple - F Grain - Well sort - Dolomitic in prt - Dse - N/S
 Sh - mstly Green - Silty purple clusters
 Ls - Br - MedXln - Chalky - Sandy - Sme Resid stns - N/S N/O

Conn - 3957

-Mud Check-
 Wt: 9.0
 Vis: 69

W.O.B. 12,000

-Rig Check-

Conn - 3988

-Mud report -
 Dept: 3989
 Wt: 8.9
 Vis: 65
 Fil: 5.6
 Chl: 3,100
 LCM: 2#

Conn - 4021

Auto Driller ?

Conn - 4053

Conn - 4083

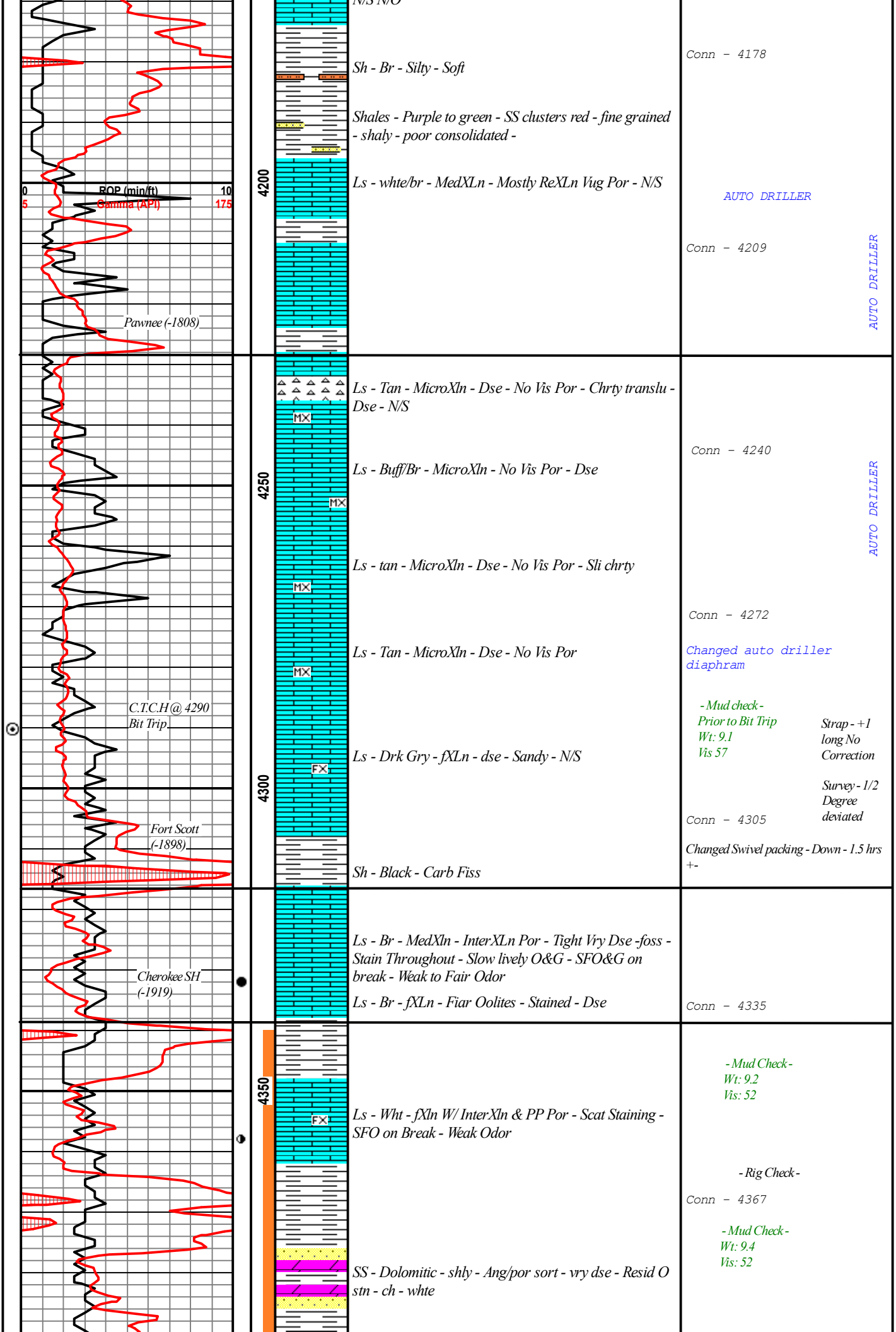
W.O.B. 6,000

W.O.B. 2,000

W,O,B, 8,000

Conn - 4114

Conn - 4146



Sh - Br - Silty - Soft

Conn - 4178

Shales - Purple to green - SS clusters red - fine grained - shaly - poor consolidated -

Ls - white/br - MedXln - Mostly ReXln Vug Por - N/S

AUTO DRILLER

Conn - 4209

AUTO DRILLER

Pawnee (-1808)

Ls - Tan - MicroXln - Dse - No Vis Por - Chrty translu - Dse - N/S

Conn - 4240

Ls - Buff/Br - MicroXln - No Vis Por - Dse

AUTO DRILLER

Ls - tan - MicroXln - Dse - No Vis Por - Sli chrty

Conn - 4272

Ls - Tan - MicroXln - Dse - No Vis Por

Changed auto driller diaphragm

C.T.C.H @ 4290 Bit Trip

Ls - Drk Gry - fXln - dse - Sandy - N/S

- Mud check - Prior to Bit Trip
Wt: 9.1
Vis 57
Strap - +1 long No Correction

Conn - 4305

Survey - 1/2 Degree deviated

Fort Scott (-1898)

Sh - Black - Carb Fiss

Changed Swivel packing - Down - 1.5 hrs +-

Ls - Br - MedXln - InterXln Por - Tight Vry Dse -foss - Stain Throughout - Slow lively O&G - SFO&G on break - Weak to Fair Odor

Conn - 4335

Ls - Br - fXln - Fair Oolites - Stained - Dse

Cherokee SH (-1919)

Ls - Wht - fXln W/ InterXln & PP Por - Scat Staining - SFO on Break - Weak Odor

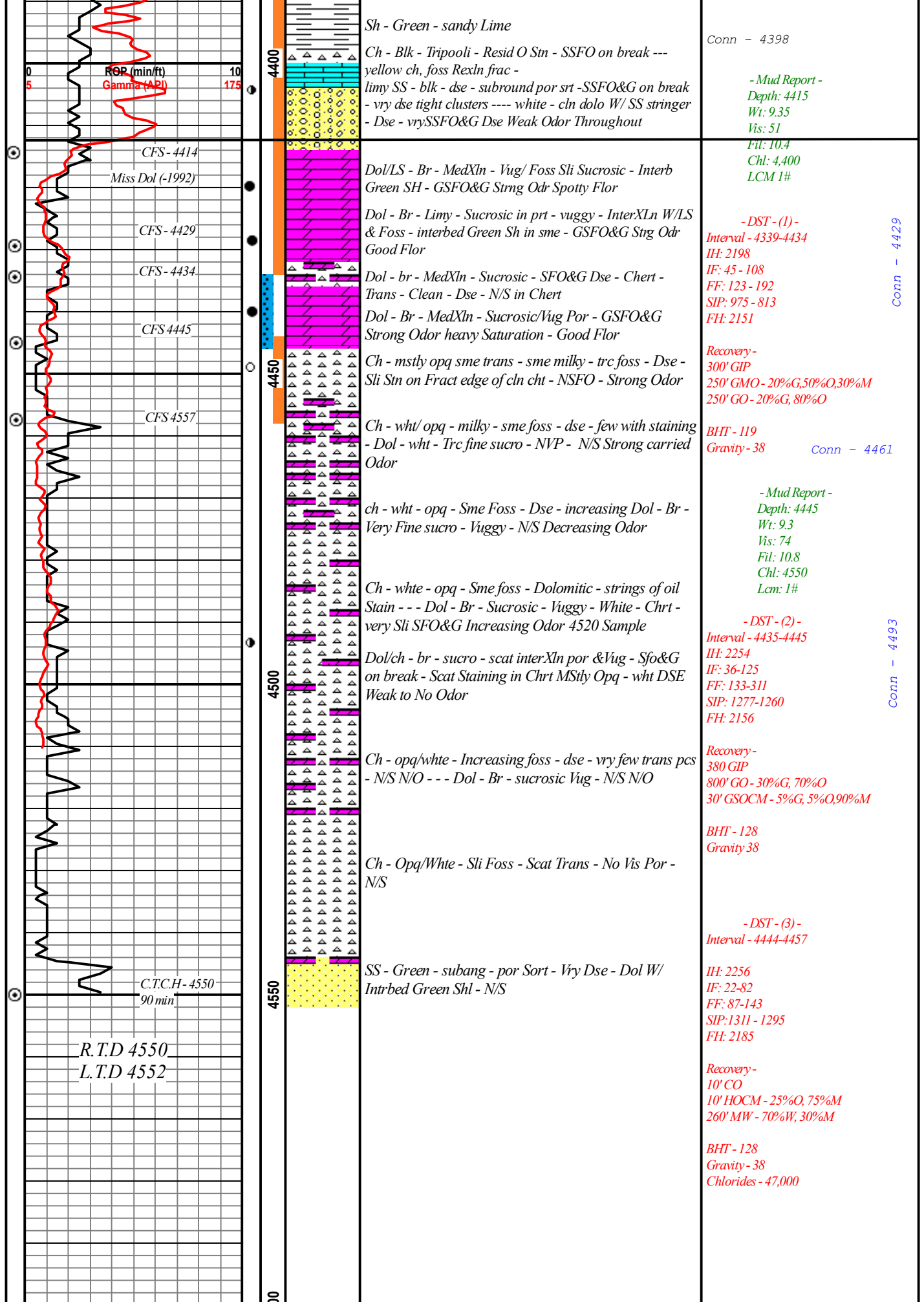
- Mud Check - Wt: 9.2
Vis: 52

Conn - 4367

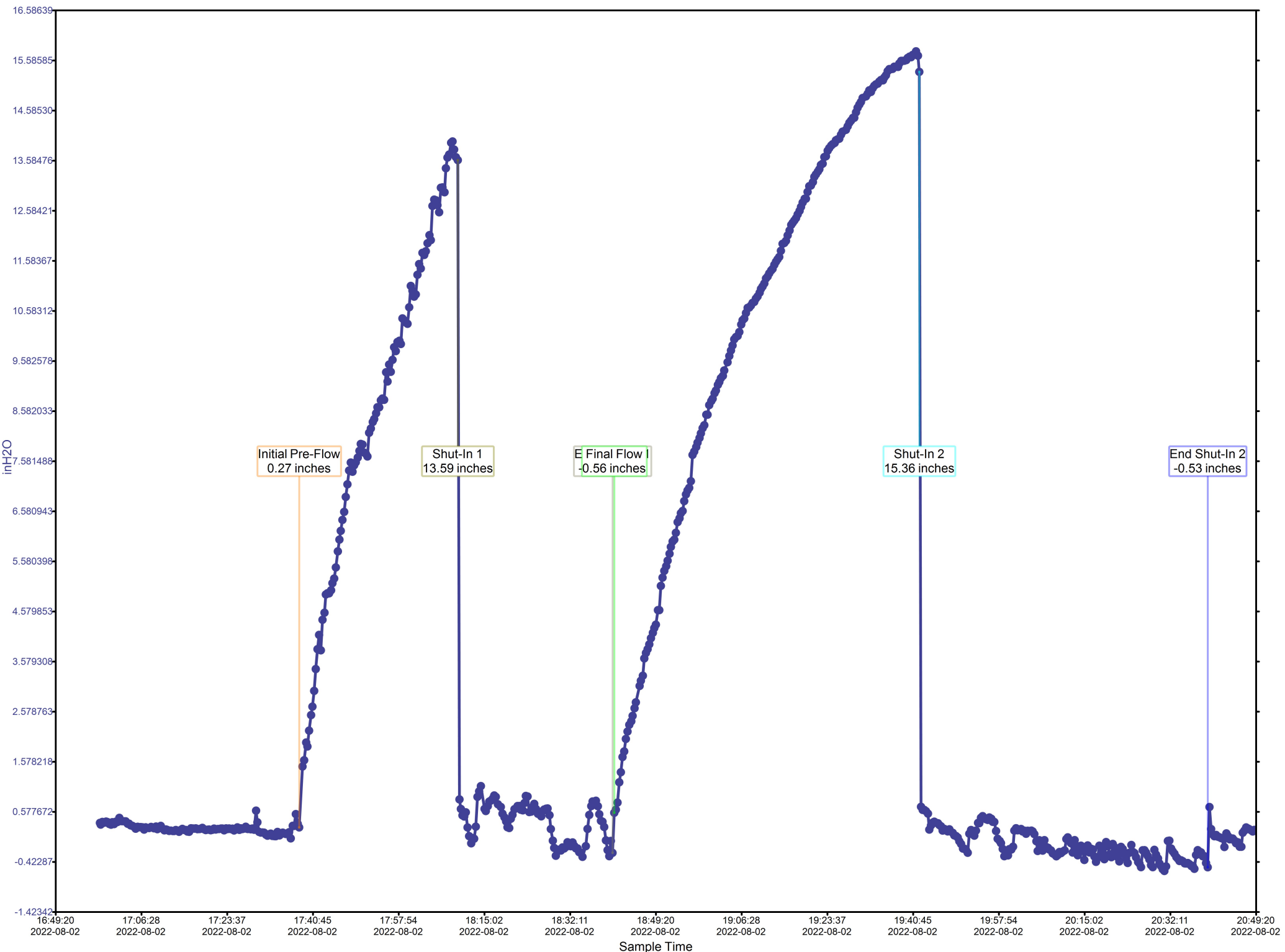
- Rig Check -

SS - Dolomitic - shly - Ang/por sort - vry dse - Resid O stn - ch - white

- Mud Check - Wt: 9.4
Vis: 52



Palomino Petroleum - Happy Gilmore 1 - DST #1



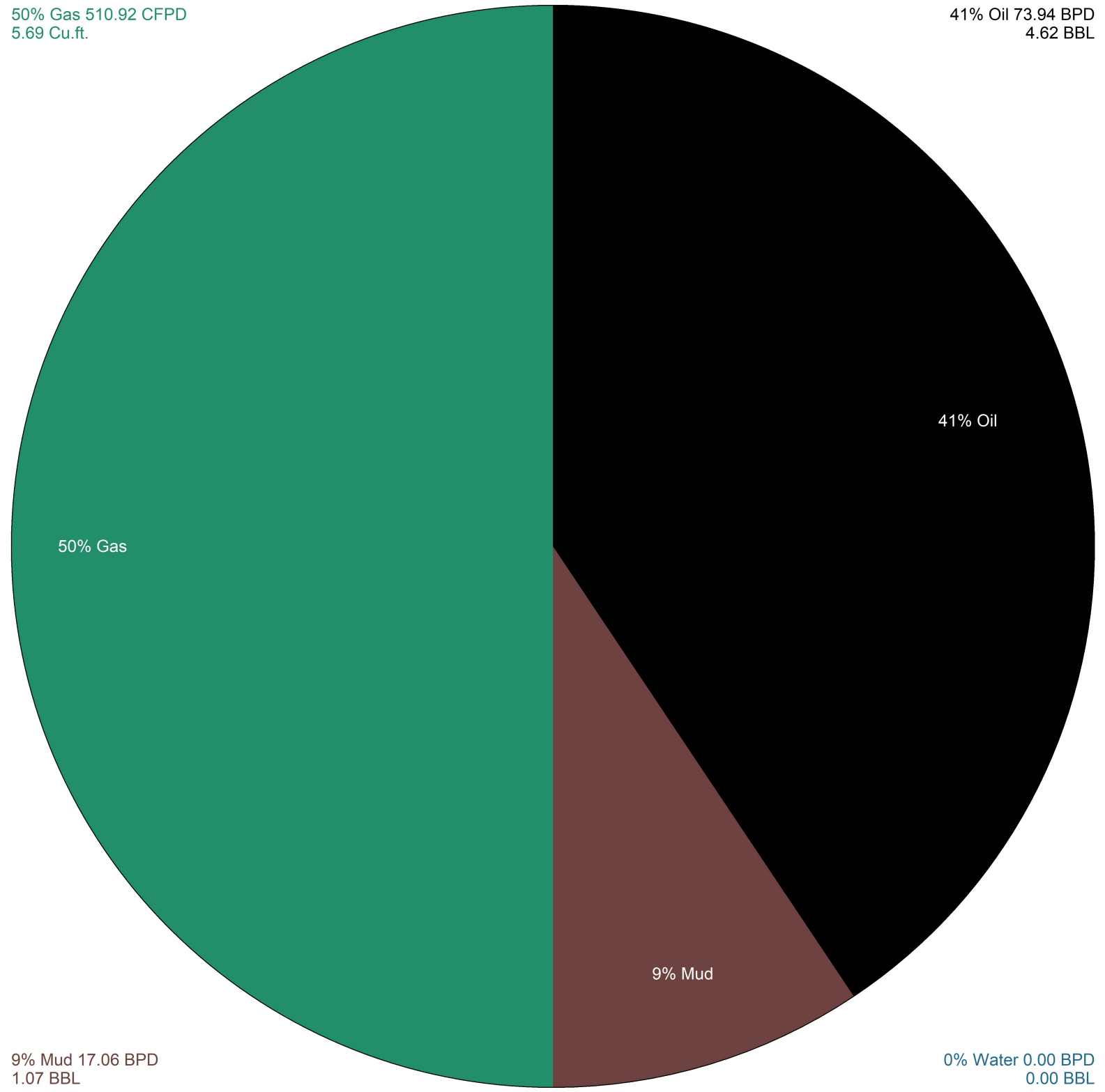
Calculated Recovery Analysis - Palomino Petroleum - Happy Gilmore 1 - DST #1

50% Gas 510.92 CFPD
5.69 Cu.ft.

41% Oil 73.94 BPD
4.62 BBL

9% Mud 17.06 BPD
1.07 BBL

0% Water 0.00 BPD
0.00 BBL





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

palomino petroleum inc.
 4924 SE 84th St
 New ton KS 67114+8827
 ATTN: keaton jones

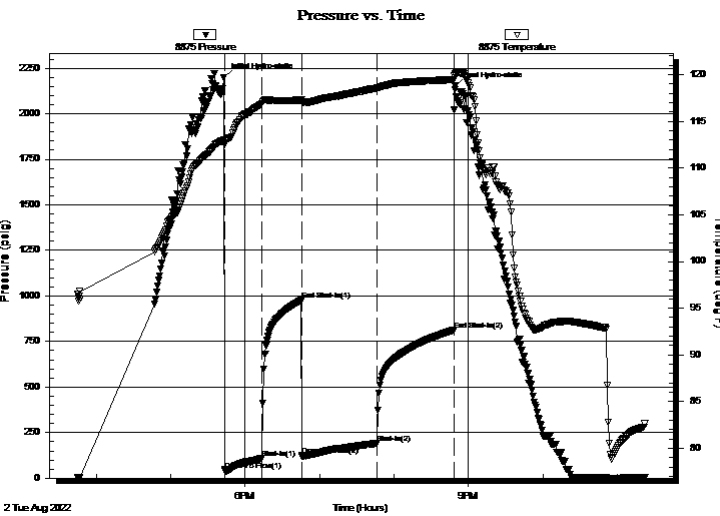
29-17s-23w ness ks
Happy Gilmore #1
 Job Ticket: 69783 **DST#: 1**
 Test Start: 2022.08.02 @ 15:45:00

GENERAL INFORMATION:

Formation: **miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:43:17 Tester: Richie Samora
 Time Test Ended: 23:22:07 Unit No: 84
 Interval: **4339.00 ft (KB) To 4434.00 ft (KB) (TVD)** Reference Elevations: 2420.00 ft (KB)
 Total Depth: 4434.00 ft (KB) (TVD) 2412.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8875 Inside
 Press@RunDepth: 192.05 psig @ 4342.00 ft (KB) Capacity: psig
 Start Date: 2022.08.02 End Date: 2022.08.02 Last Calib.: 2022.08.02
 Start Time: 15:45:01 End Time: 23:22:07 Time On Btm: 2022.08.02 @ 17:43:07
 Time Off Btm: 2022.08.02 @ 20:48:57

TEST COMMENT: 30-IF-BOB in 26 built to 13in
 30-IS-surface to 1in
 60-FF-BOB in 35 built to 15in
 60-FS-surface



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2198.22	113.05	Initial Hydro-static
1	45.03	112.47	Open To Flow (1)
31	108.91	116.89	Shut-In(1)
63	975.06	117.25	End Shut-In(1)
63	123.95	117.05	Open To Flow (2)
124	192.05	118.55	Shut-In(2)
186	813.12	119.49	End Shut-In(2)
186	2151.09	120.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
250.00	GMO 20G 30M 500	3.54
250.00	GO 20G 800	3.54
0.00	300ft of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

palomino petroleum inc.

29-17s-23w ness ks

4924 SE 84th St
New ton KS 67114+8827

Happy Gilmore #1

Job Ticket: 69783

DST#: 1

ATTN: keaton jones

Test Start: 2022.08.02 @ 15:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	GMO 20G 30M 50O	3.544
250.00	GO 20G 80O	3.544
0.00	300ft of GIP	0.000

Total Length: 500.00 ft

Total Volume: 7.088 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

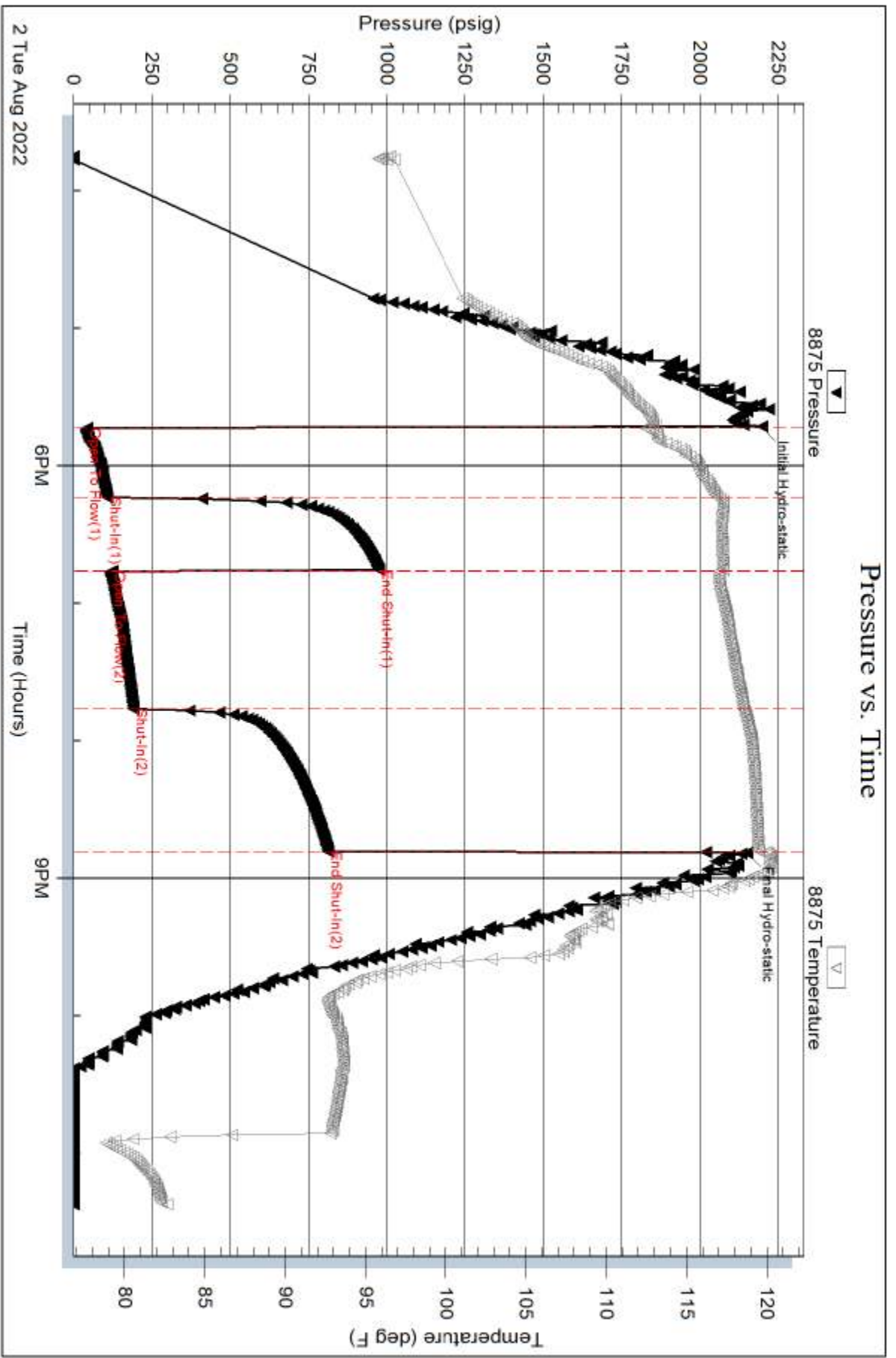
Serial #: 8875

Inside

palomino petroleum inc.

Happy Gilmore #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69783

Printed: 2022.08.03 @ 06:49:17

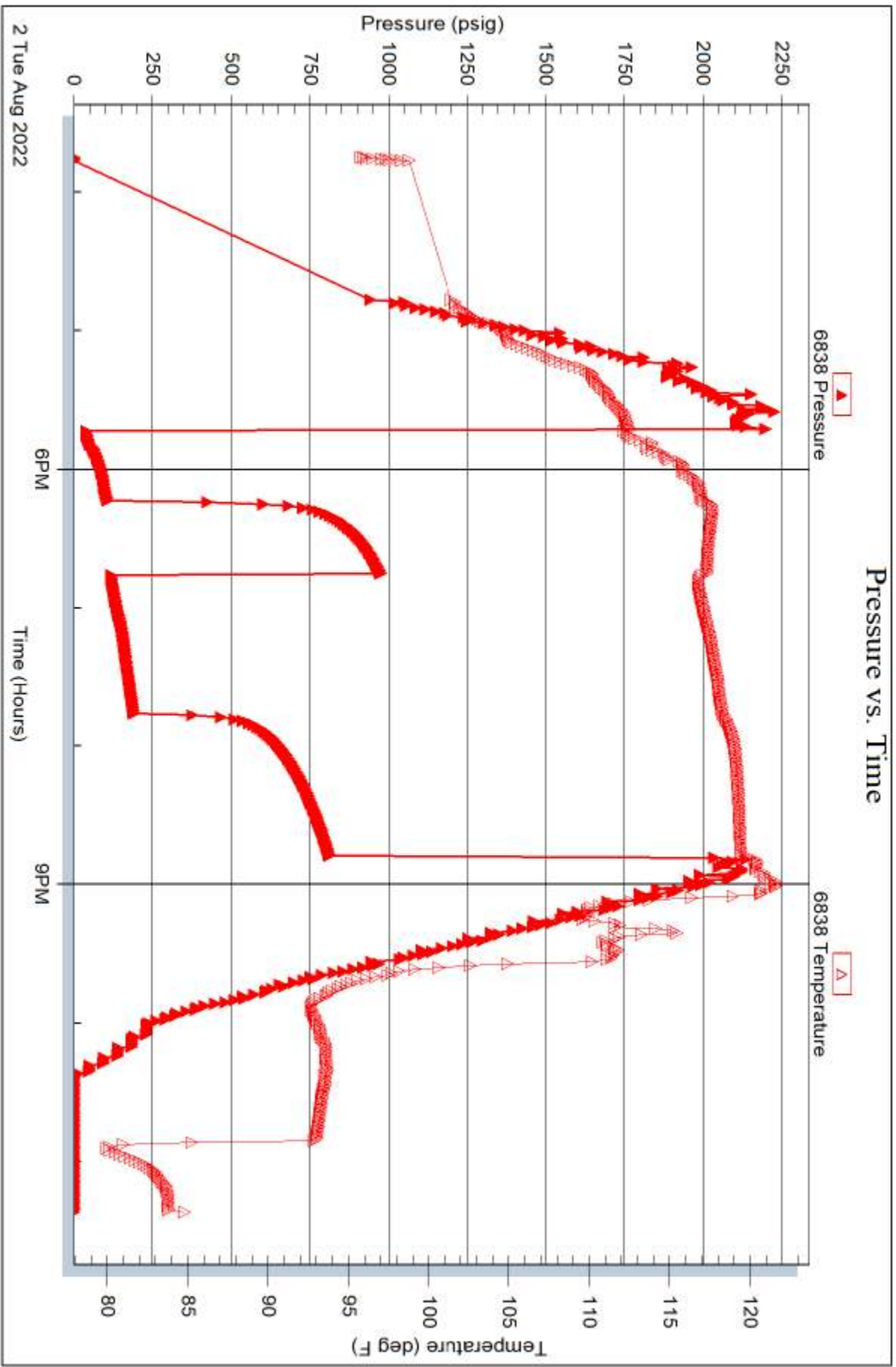
Serial #: 6838

Inside

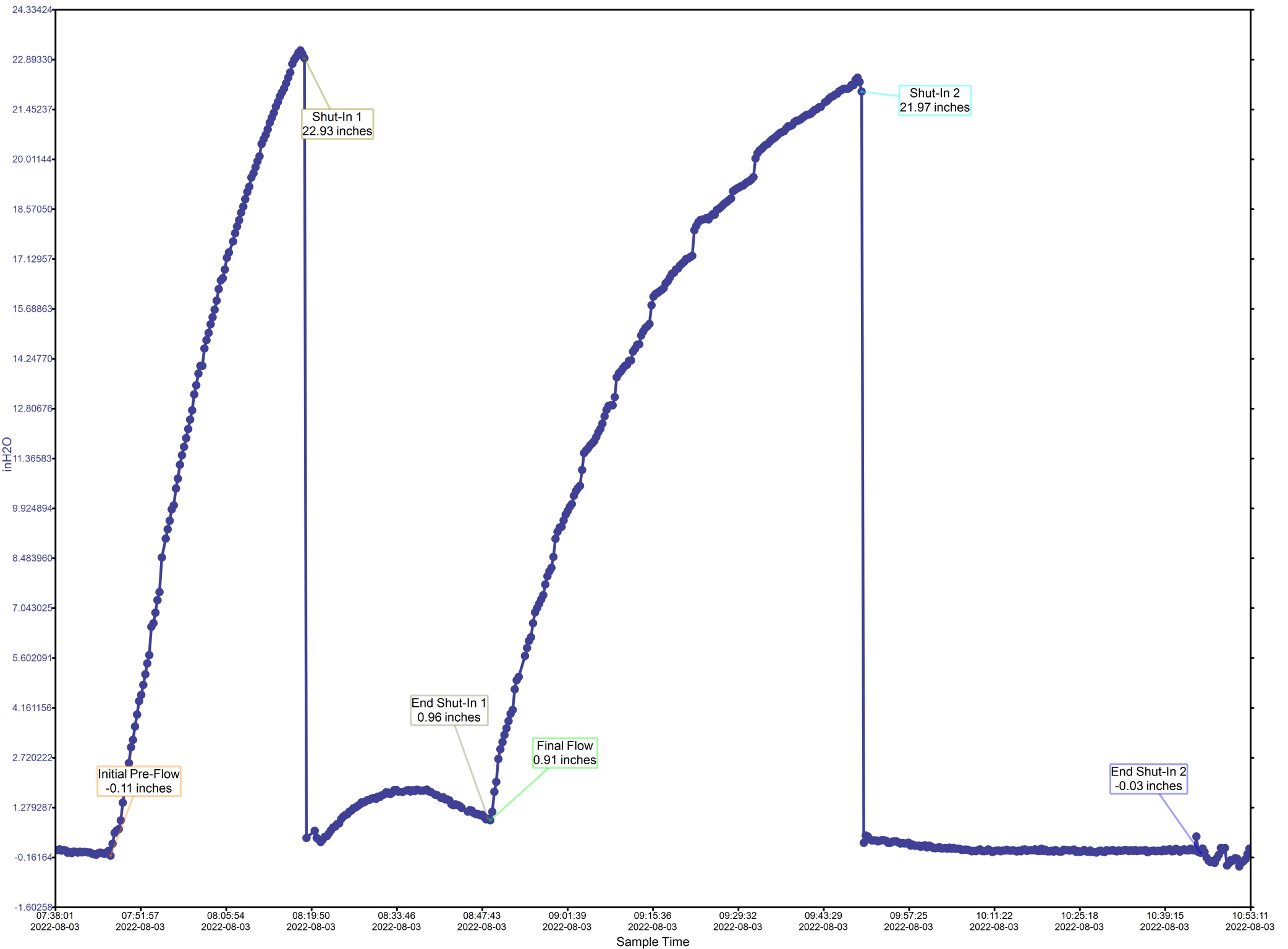
palomino petroleum inc.

Happy Gilmore #1

DST Test Number: 1



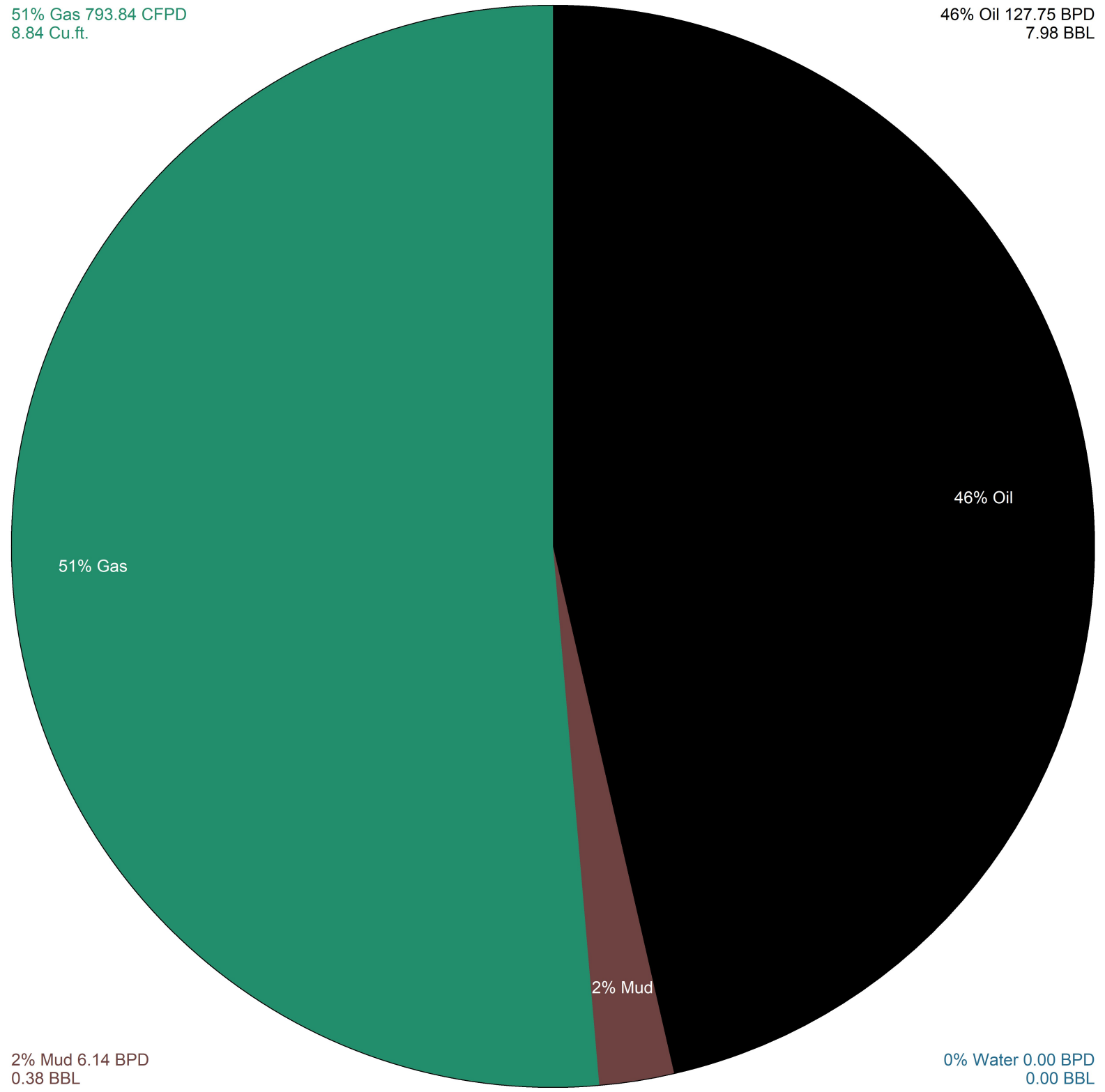
Palmino Petroleum - Happy Gilmore 1 - DST #2



Calculated Recovery Analysis - Palomino Petroleum - Happy Gilmore 1 - DST #2

51% Gas 793.84 CFPD
8.84 Cu.ft.

46% Oil 127.75 BPD
7.98 BBL



51% Gas

46% Oil

2% Mud

0% Water 0.00 BPD
0.00 BBL

2% Mud 6.14 BPD
0.38 BBL



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum inc.
 4924 SE 84th St
 New ton KS 67114+8827
 ATTN: Keaton Jones

29-17s-23w Ness,KS
Happy Gilmore #1
 Job Ticket: 69784 **DST#: 2**
 Test Start: 2022.08.03 @ 05:58:00

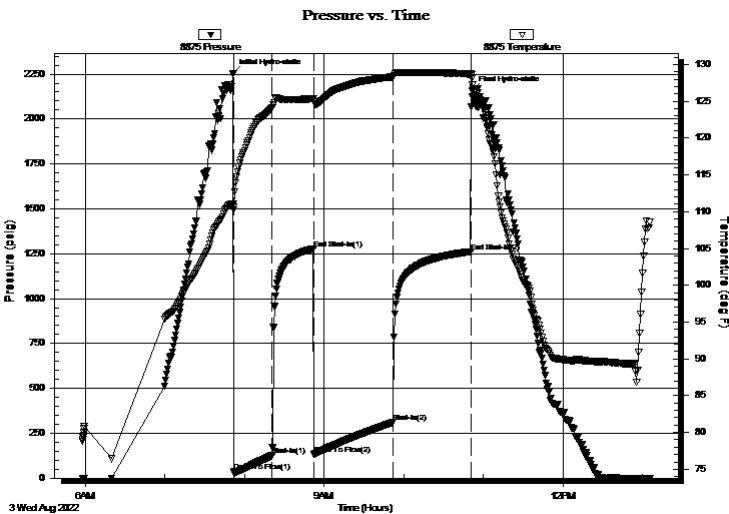
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:51:37
 Time Test Ended: 13:05:47
 Interval: **4435.00 ft (KB) To 4445.00 ft (KB) (TVD)**
 Total Depth: 4445.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Richie Samora
 Unit No: 84
 Reference Elevations: 2420.00 ft (KB)
 2412.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8875 Inside
 Press@RunDepth: 311.66 psig @ 4436.00 ft (KB) Capacity: psig
 Start Date: 2022.08.03 End Date: 2022.08.03 Last Calib.: 2022.08.03
 Start Time: 05:58:01 End Time: 13:05:47 Time On Btm: 2022.08.03 @ 07:51:27
 Time Off Btm: 2022.08.03 @ 10:51:17

TEST COMMENT: 30-IF-BOB 12 mins Built to 22"
 30-ISI-Surface to 2" Died to 1"
 60-FF-BOB 17 mins Built to 22"
 60-FSI-Surface Died @ 20 mins

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2254.52	111.01	Initial Hydro-static
1	36.15	110.25	Open To Flow (1)
30	125.50	124.10	Shut-In(1)
61	1277.33	125.28	End Shut-In(1)
61	133.69	124.94	Open To Flow (2)
121	311.66	128.35	Shut-In(2)
179	1260.54	128.71	End Shut-In(2)
180	2156.24	128.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	GSOCM 5%G 5%O 90%M	0.43
800.00	GO 30%G 70%O	11.34
0.00	380 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

Palomino Petroleum inc.
 4924 SE 84th St
 New ton KS 67114+8827
 ATTN: Keaton Jones

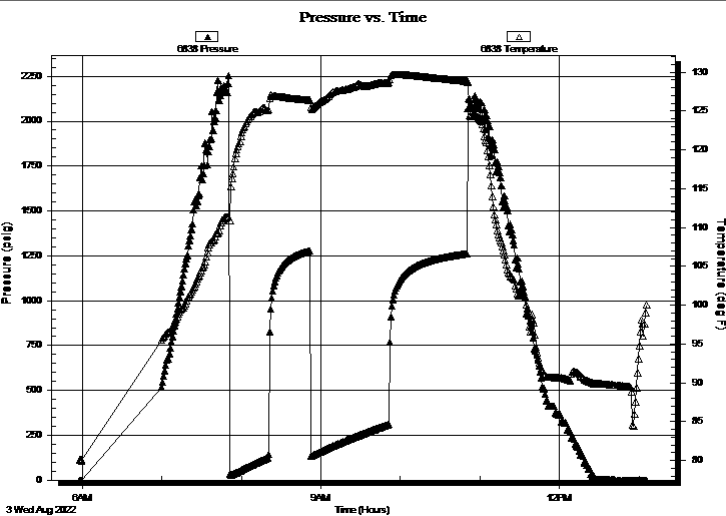
29-17s-23w Ness,KS
Happy Gilmore #1
 Job Ticket: 69784 **DST#: 2**
 Test Start: 2022.08.03 @ 05:58:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 07:51:37 Tester: Richie Samora
 Time Test Ended: 13:05:47 Unit No: 84
 Interval: **4435.00 ft (KB) To 4445.00 ft (KB) (TVD)** Reference Elevations: 2420.00 ft (KB)
 Total Depth: 4445.00 ft (KB) (TVD) 2412.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6838 **Inside**
 Press@RunDepth: psig @ 4436.00 ft (KB) Capacity: psig
 Start Date: 2022.08.03 End Date: 2022.08.03 Last Calib.: 2022.08.03
 Start Time: 05:58:01 End Time: 13:05:47 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF-BOB 12 mins Built to 22"
 30-ISI-Surface to 2" Died to 1"
 60-FF-BOB 17 mins Built to 22"
 60-FSI-Surface Died @ 20 mins



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

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	GSOCM 5%G 5%O 90%M	0.43
800.00	GO 30%G 70%O	11.34
0.00	380 GIP 100%G	0.00

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum inc.
4924 SE 84th St
New ton KS 67114+8827
ATTN: Keaton Jones

29-17s-23w Ness,KS
Happy Gilmore #1
Job Ticket: 69784 **DST#: 2**
Test Start: 2022.08.03 @ 05:58:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.38 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	GSOCM 5%G 5%O 90%M	0.425
800.00	GO 30%G 70%O	11.340
0.00	380 GIP 100%G	0.000

Total Length: 830.00 ft Total Volume: 11.765 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8875

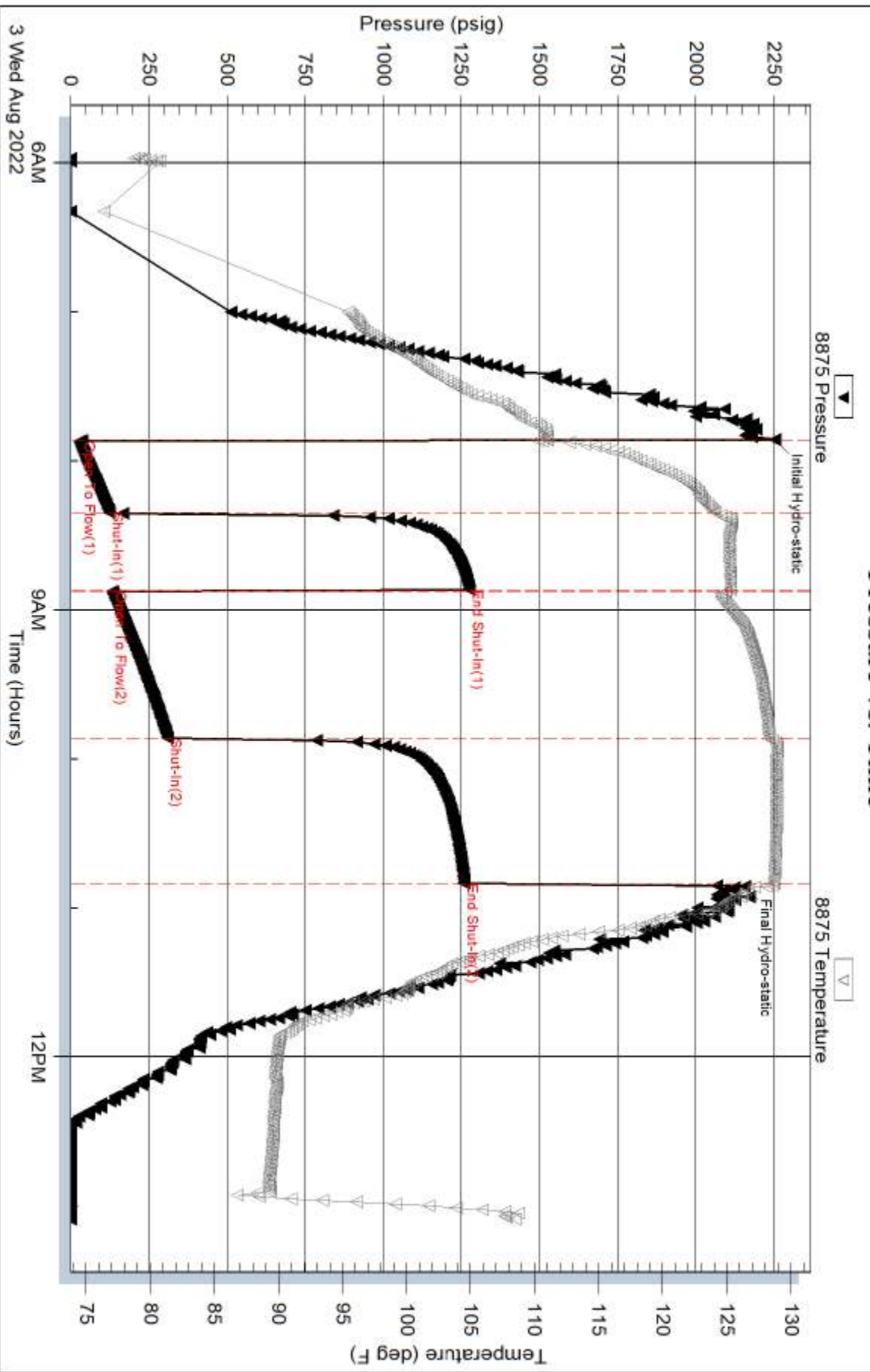
Inside

Palomino Petroleum Inc.

Happy Gilmore #1

DST Test Number: 2

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 69784

Printed: 2022.08.03 @ 13:45:28

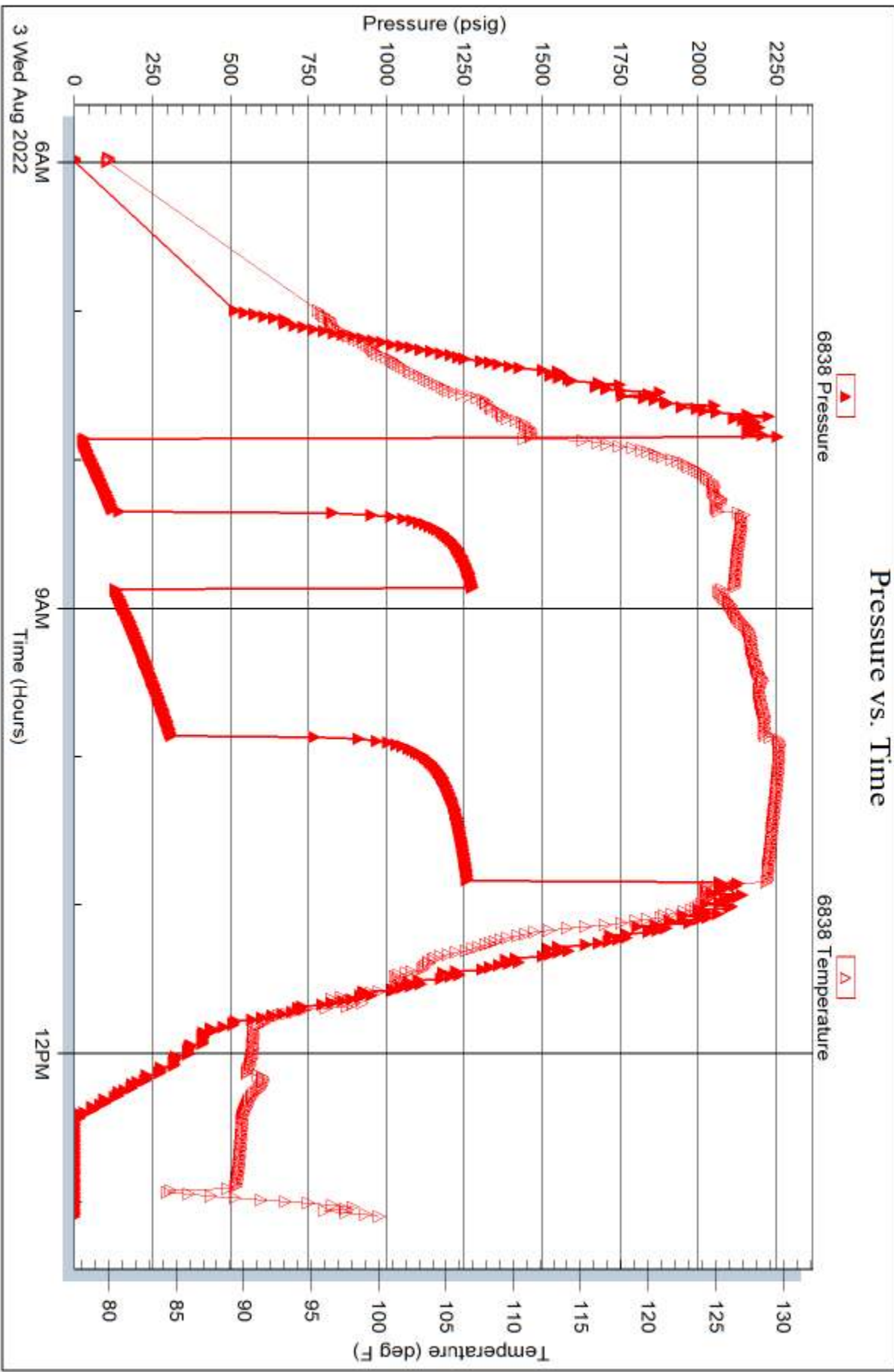
Serial #: 6838

Inside

Palomino Petroleum inc.

Happy Gilmore #1

DST Test Number: 2

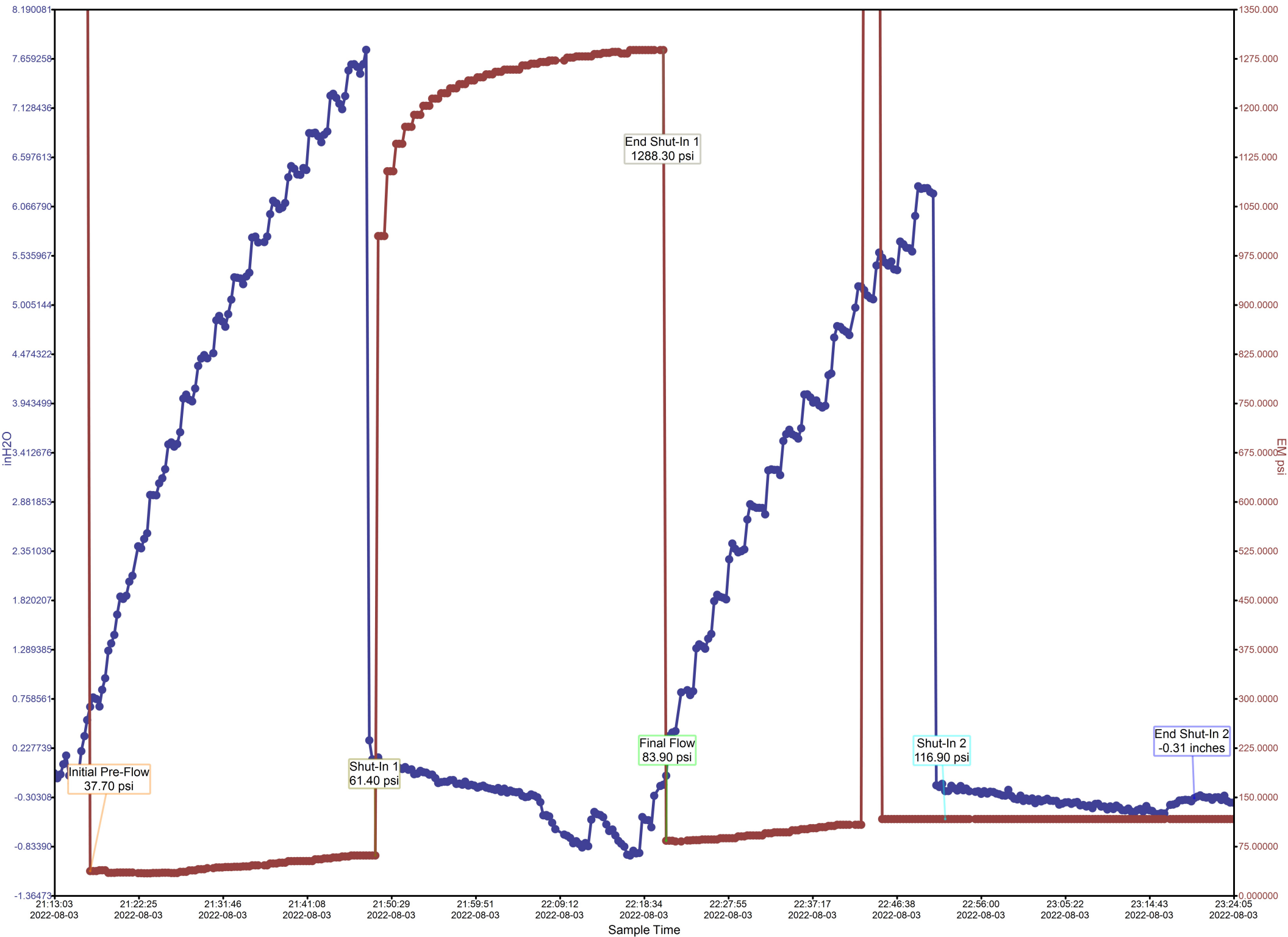


Tribble Testing, Inc

Ref. No: 69784

Printed: 2022.08.03 @ 13:45:28

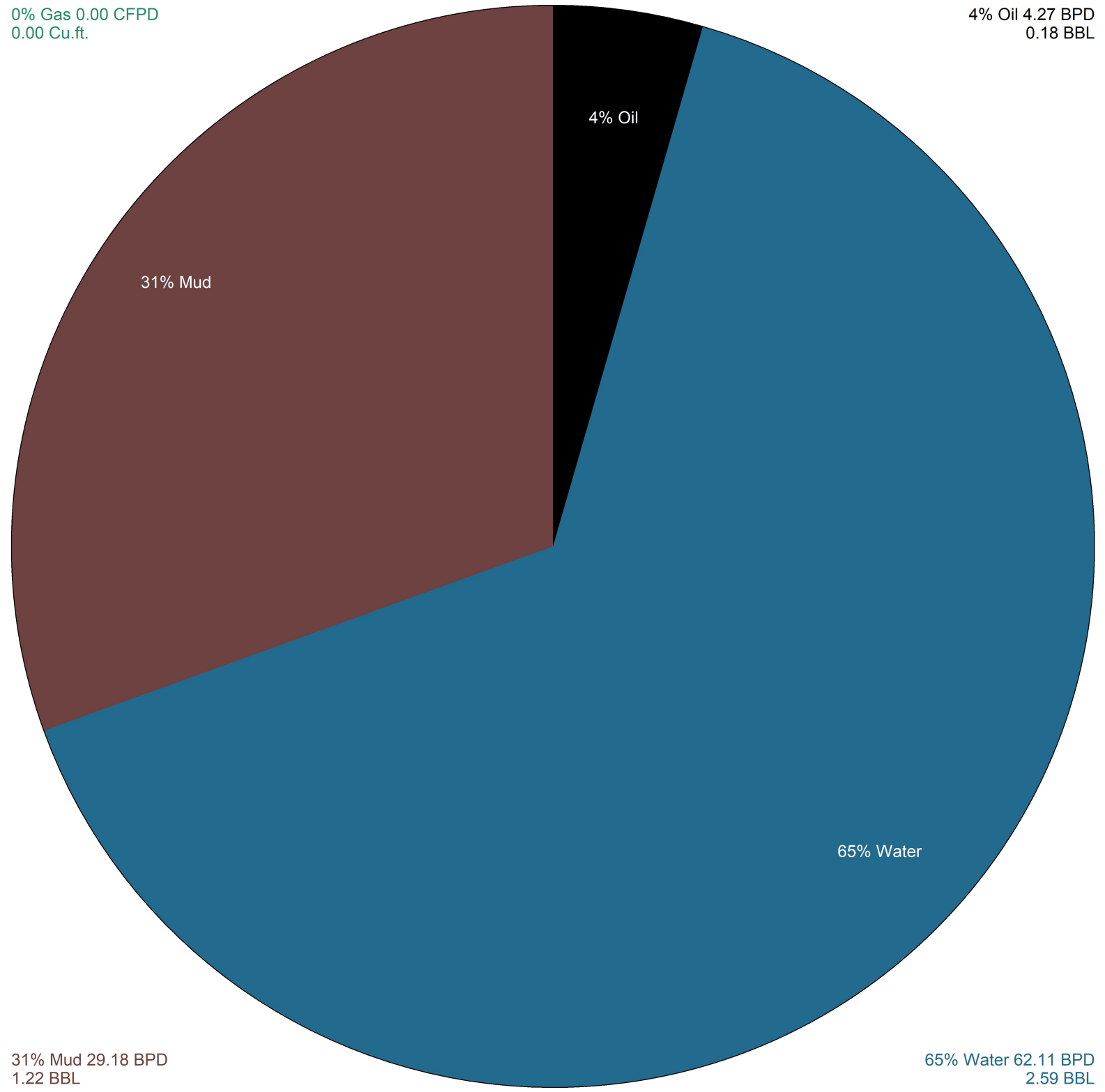
Palomino Petroleum - Happy Gilmore 1 - DST #3



Calculated Recovery Analysis - Palomino Petroleum - Happy Gilmore 1 - DST #3

0% Gas 0.00 CFPD
0.00 Cu.ft.

4% Oil 4.27 BPD
0.18 BBL



31% Mud

4% Oil

65% Water

31% Mud 29.18 BPD
1.22 BBL

65% Water 62.11 BPD
2.59 BBL



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum inc.
4924 SE 84th St
New ton KS 67114+8827
ATTN: Keaton Jones

29-17s-23w Ness Ks
Happy Gilmore #1
Job Ticket: 69785 **DST#: 3**
Test Start: 2022.08.03 @ 19:06:00

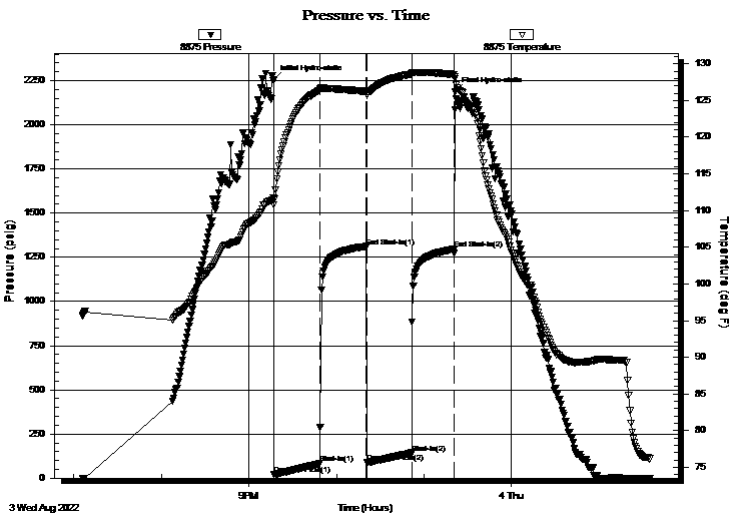
GENERAL INFORMATION:

Formation: **Mississippi Chert**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:17:07
Time Test Ended: 01:35:12
Interval: **4444.00 ft (KB) To 4457.00 ft (KB) (TVD)**
Total Depth: 4457.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Richie Samora
Unit No: 84
Reference Elevations: 2420.00 ft (KB)
2412.00 ft (CF)
KB to GR/CF: 8.00 ft

Serial #: 8875 Outside
Press@RunDepth: 143.25 psig @ 4445.00 ft (KB) Capacity: psig
Start Date: 2022.08.03 End Date: 2022.08.04 Last Calib.: 2022.08.04
Start Time: 19:06:01 End Time: 01:35:12 Time On Btm: 2022.08.03 @ 21:17:02
Time Off Btm: 2022.08.03 @ 23:21:27

TEST COMMENT: 30-IF-Surface to 8"
30-ISI-Surface Died @ 5 mins
30-FF-Surface to 6"
30-FSI-Surface Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2256.95	111.80	Initial Hydro-static
1	22.39	110.83	Open To Flow (1)
32	82.60	126.46	Shut-In(1)
64	1311.31	126.20	End Shut-In(1)
64	87.21	125.74	Open To Flow (2)
95	143.25	128.63	Shut-In(2)
124	1295.63	128.56	End Shut-In(2)
125	2185.94	128.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
260.00	MW 30%M 70%W	3.69
10.00	HOCM 25%O 75%M	0.14
10.00	Clean Oil 100%O	0.14

* 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: Keaton Jones

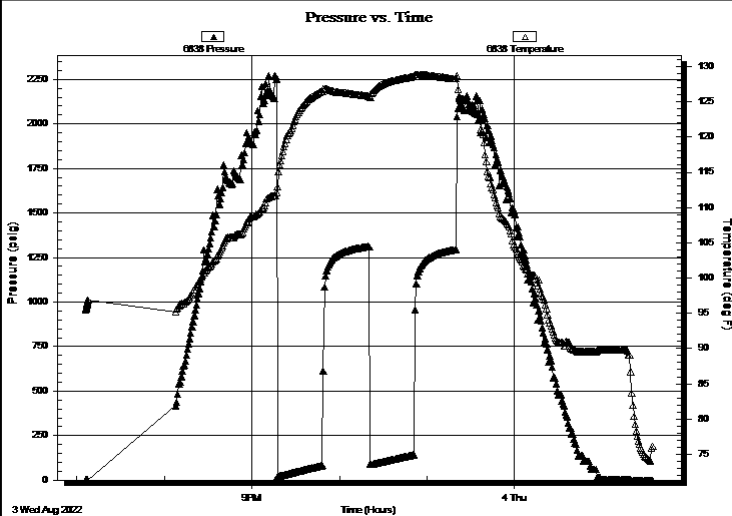
29-17s-23w Ness Ks
Happy Gilmore #1
Job Ticket: 69785 **DST#: 3**
Test Start: 2022.08.03 @ 19:06:00

GENERAL INFORMATION:

Formation: **Mississippi Chert**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 21:17:07
Time Test Ended: 01:35:12
Test Type: Conventional Bottom Hole (Reset)
Tester: Richie Samora
Unit No: 84
Interval: **4444.00 ft (KB) To 4457.00 ft (KB) (TVD)**
Reference Elevations: 2420.00 ft (KB)
Total Depth: 4457.00 ft (KB) (TVD) 2412.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6838 Inside
Press@RunDepth: psig @ 4445.00 ft (KB) Capacity: psig
Start Date: 2022.08.03 End Date: 2022.08.04 Last Calib.: 2022.08.04
Start Time: 19:06:01 End Time: 01:35:12 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-Surface to 8"
30-ISI-Surface Died @ 5 mins
30-FF-Surface to 6"
30-FSI-Surface Blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
260.00	MW 30%M 70%W	3.69
10.00	HOCM 25%O 75%M	0.14
10.00	Clean Oil 100%O	0.14

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum inc.
4924 SE 84th St
New ton KS 67114+8827
ATTN: Keaton Jones

29-17s-23w Ness Ks
Happy Gilmore #1
Job Ticket: 69785 **DST#: 3**
Test Start: 2022.08.03 @ 19:06:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 38 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 47000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.38 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

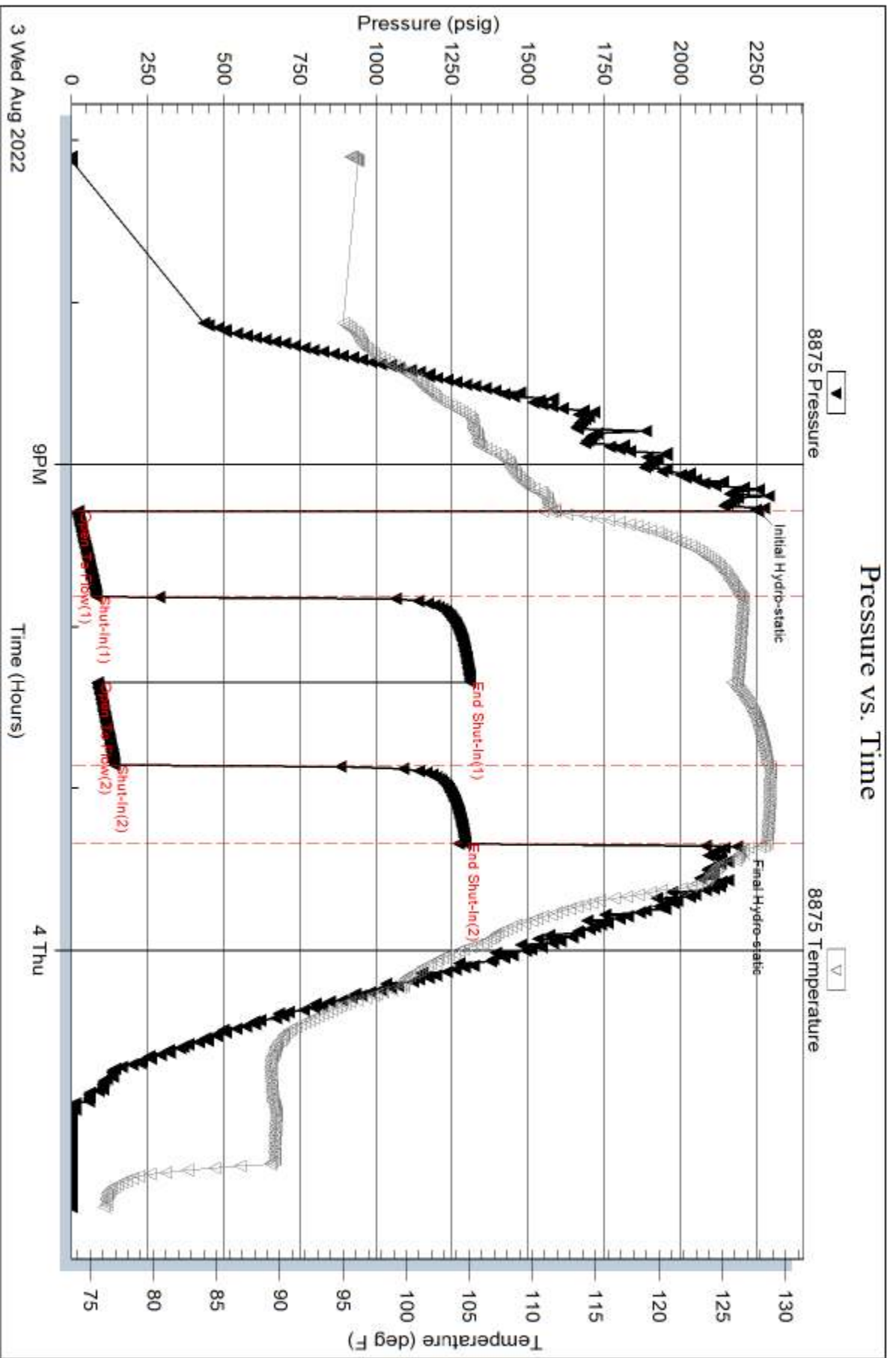
Length ft	Description	Volume bbl
260.00	MW 30%M 70%W	3.686
10.00	HOCM 25%O 75%M	0.142
10.00	Clean Oil 100%O	0.142

Total Length: 280.00 ft Total Volume: 3.970 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW=.167@70F



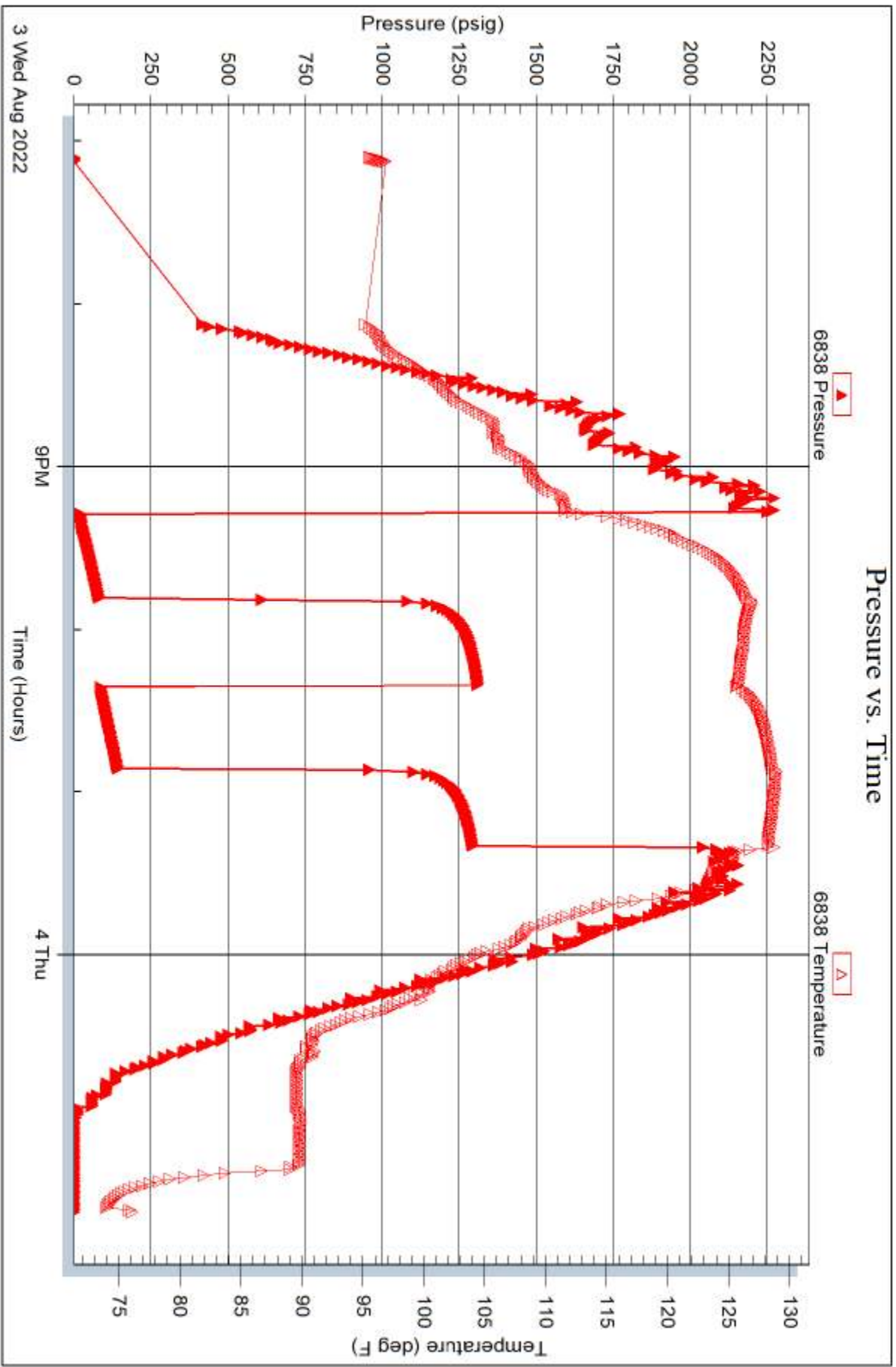
Serial #: 6838

Inside

Palomino Petroleum Inc.

Happy Gilmore #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 69785

Printed: 2022.08.04 @ 08:20:15