

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

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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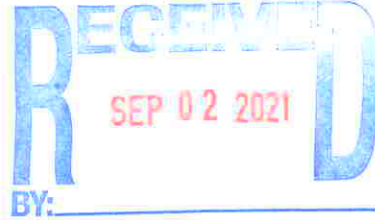




**HURRICANE SERVICES INC**

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: 8/28/2021  
Invoice #: 0354964  
Lease Name: Run for a Million  
Well #: 1 (New)  
County: Gove, Ks  
Job Number: WP1800  
District: Oakley

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
H-325	165.000	17.600	2,904.00
Light Eq Mileage	50.000	1.760	88.00
Heavy Eq Mileage	50.000	3.520	176.00
Ton Mileage	407.000	1.320	537.24
Depth Charge 0'-500'	1.000	880.000	880.00

*Cement for surface  
8/28*

**Total** 4,585.24 ✓

**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!**









Home  
(785) 798-2400

# Andrew Stenzel Geologist

Ness City, Kansas



Cell  
(785) 798-5977

## Scale 1:240 (5"=100') Imperial Measured Depth Log

Well Name: Run for a Million  
API: 15-063-22387-00-00  
Location: Sec. 3-14S-26W (Gove County)  
License Number: 30742  
Spud Date: 8/28/21  
Surface Coordinates: 2189' FSL & 396' FEL  
Region: KANSAS  
Drilling Completed: 9/5/21

Bottom Hole  
Coordinates:  
Ground Elevation (ft): 2485  
Logged Interval (ft): 3600 To: TD  
Formation: MISSISSIPPIAN  
Type of Drilling Fluid: Mud-Co Chemical  
K.B. Elevation (ft): 2496  
Total Depth (ft): 4491

Printed by MudLog from WellSight Systems 1-800-447-1534 [www.WellSight.com](http://www.WellSight.com)

### OPERATOR

Company: Palomino Petroleum, Inc.  
Address: 4924 SE 84th St.  
Newton, KS 67114

### GEOLOGIST

Name: Andrew Stenzel  
Company: Petroleum Geologist  
Address: 501 S. Franklin  
Ness City, KS 67560

### Drilling Report

#### DAILY DRILLING REPORT:

8/28/21 MIRU, ran surface casing  
8/29/21 Drilling @ 932'  
8/30/21 Drilling @ 3000'  
8/31/21 Drilling @ 3640'  
9/1/21 Tripping in hole with test tool for DST #1, DST #1  
9/2/21 Mud pump down @ 4028', circulated 12 hours due to lack of crews, DST #2  
9/3/21 Tripping in hole with test tool for DST #3, DST #3  
9/4/21 Drilling @ 4330', ran electric logs  
9/5/21 Plugged & Abandoned

## Services

RIG: urfin Drilling, Rig #21

MUD: MUDCO

LOGS: Gemini Wireline: CNDL, PE, DIL, ML

## Casing Record

SURFACE Casing: Ran 5 jts new 8 5/8", 23# casing set at 226'

PRODUCTION Casing: None

## Formation Tops

Sample Tops		LogTops	
Anhy.	1993 (+503)	Anhy.	1986 (+510)
Base Anhy.	2031 (+465)	Base Anhy.	2020 (+476)
Heebner	3756 (-1260)	Heebner	3753 (-1257)
Lansing	3795 (-1299)	Lansing	3792 (-1296)
Muncie Cr	3940 (-1444)	Munce Cr	3938 (-1442)
Stark Sh	4025 (-1529)	Stark Sh	4018 (-1522)
BKC	4079 (-1583)	BKC	4071 (-1575)
Pawnee	4211 (-1715)	Pawnee	4216 (-1720)
Ft. Scott	4280 (-1784)	Ft. Scott	4280 (-1784)
Cher. Sh.	4304 (-1808)	Cher. Sh.	4303 (-1807)
Miss.	4400 (-1904)	Miss.	4396 (-1900)
RTD	4490 (-1994)	LTD	4491 (-1995)





**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66959 **DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2021.09.01 @ 05:07:00

### GENERAL INFORMATION:

Formation: **LKC H-1**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:30

Time Test Ended: 14:31:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: **3938.00 ft (KB) To 4004.00 ft (KB) (TVD)**

Total Depth: 4004.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2496.00 ft (KB)

2485.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8874**

**Inside**

Press@RunDepth: 297.36 psig @ 3939.00 ft (KB)

Start Date: 2021.09.01

End Date: 2021.09.01

Start Time: 05:07:05

End Time: 14:31:30

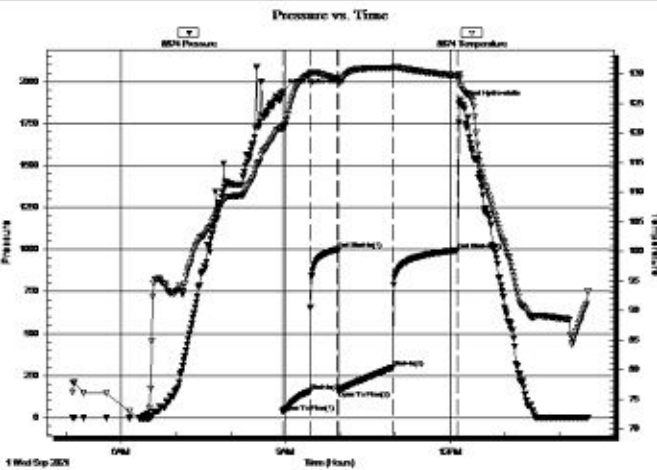
Capacity: 8000.00 psig

Last Calib.: 2021.09.01

Time On Btmr: 2021.09.01 @ 08:56:45

Time Off Btmr: 2021.09.01 @ 12:10:00

**TEST COMMENT:** 30- IF: BOB @ 14 min- 19.3"  
30- IS: No return.  
69- FF: BOB @ 17 min.- 31"  
60- FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.54	121.28	Initial Hydro-static
1	32.37	120.88	Open To Flow (1)
30	156.01	129.97	Shut-In(1)
61	1000.25	129.18	End Shut-In(1)
61	159.53	128.85	Open To Flow (2)
121	297.36	131.04	Shut-In(2)
192	995.32	129.67	End Shut-In(2)
194	1867.13	129.87	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
630.00	mcw 3m 97w (oil spots)	6.71
1.00	oil 100o	0.01

### Gas Rates

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



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66960 **DST#:2**

ATTN: Andrew Stenzel

Test Start: 2021.09.02 @ 12:35:00

### GENERAL INFORMATION:

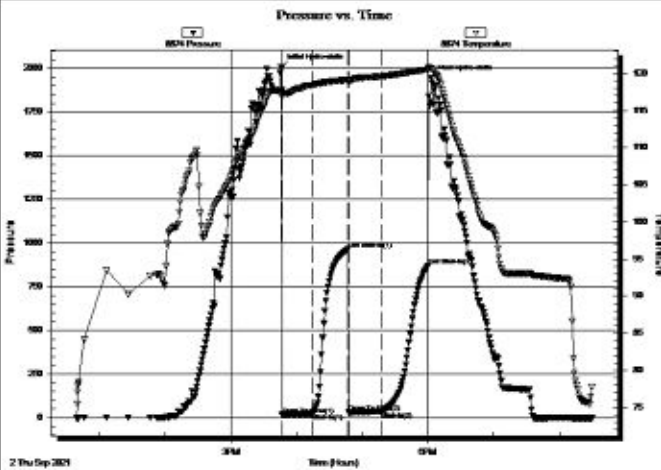
Formation: **LKC J - K**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:42:30  
 Time Test Ended: 20:26:30  
 Interval: **4001.00 ft (KB) To 4054.00 ft (KB) (TVD)**  
 Total Depth: 4054.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 78  
 Reference Elevations: 2496.00 ft (KB)  
 2485.00 ft (CF)  
 KB to GR/CF: 11.00 ft

### Serial #: 8874

Inside

Press@RunDepth: 37.53 psig @ 4002.00 ft (KB)  
 Start Date: 2021.09.02 End Date: 2021.09.02  
 Start Time: 12:39:05 End Time: 20:30:29  
 Capacity: 8000.00 psig  
 Last Calib.: 2021.09.02  
 Time On Btmr: 2021.09.02 @ 15:46:15  
 Time Off Btmr: 2021.09.02 @ 18:03:00

TEST COMMENT: 30- IF 3/4" blow .  
 30- IS: No return.  
 30- FF: 1/2" blow .  
 30 FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2007.26	117.81	Initial Hydro-static
1	17.24	116.79	Open To Flow (1)
29	24.31	118.42	Shut-In(1)
61	961.63	119.13	End Shut-In(1)
62	28.72	118.89	Open To Flow (2)
92	37.53	119.63	Shut-In(2)
134	869.95	120.52	End Shut-In(2)
137	1942.79	120.74	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	socm 1o 99m	0.15

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66961 **DST#:3**

ATTN: Andrew Stenzel

Test Start: 2021.09.03 @ 06:05:00

### GENERAL INFORMATION:

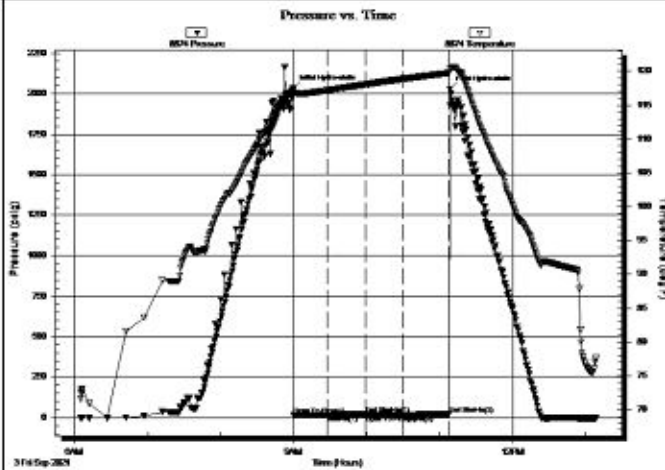
Formation: **LKC L**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 09:00:15  
 Time Test Ended: 13:08:30  
 Interval: **4046.00 ft (KB) To 4084.00 ft (KB) (TVD)**  
 Total Depth: 4084.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Bradley Walter  
 Unit No: 78  
 Reference Elevations: 2496.00 ft (KB)  
 2485.00 ft (CF)  
 KB to GR/CF: 11.00 ft

### Serial #: 8874

Inside

Press@RunDepth: 18.31 psig @ 4047.00 ft (KB)  
 Start Date: 2021.09.03 End Date: 2021.09.03  
 Start Time: 06:05:05 End Time: 13:08:29  
 Capacity: 8000.00 psig  
 Last Calib.: 2021.09.03  
 Time On Btm: 2021.09.03 @ 09:00:00  
 Time Off Btm: 2021.09.03 @ 11:08:45

TEST COMMENT: 30- IF: 1/4" blow.  
 30- IS: No return.  
 30- FF: No blow.  
 30- FS: No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2034.50	117.26	Initial Hydro-static
1	15.94	116.60	Open To Flow (1)
28	18.13	117.19	Shut-In(1)
59	22.22	118.06	End Shut-In(1)
60	17.95	118.07	Open To Flow (2)
90	18.31	118.88	Shut-In(2)
128	20.91	119.76	End Shut-In(2)
129	2026.77	120.33	Final Hydro-static

### Recovery


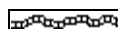
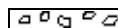
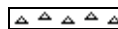
Length (ft)	Description	Volume (bbl)
3.00	mud 100m (oil spots in tool)	0.01

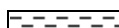



\* Recovery from multiple tests





### Gas Rates

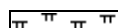


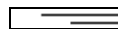
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





### ROCK TYPES

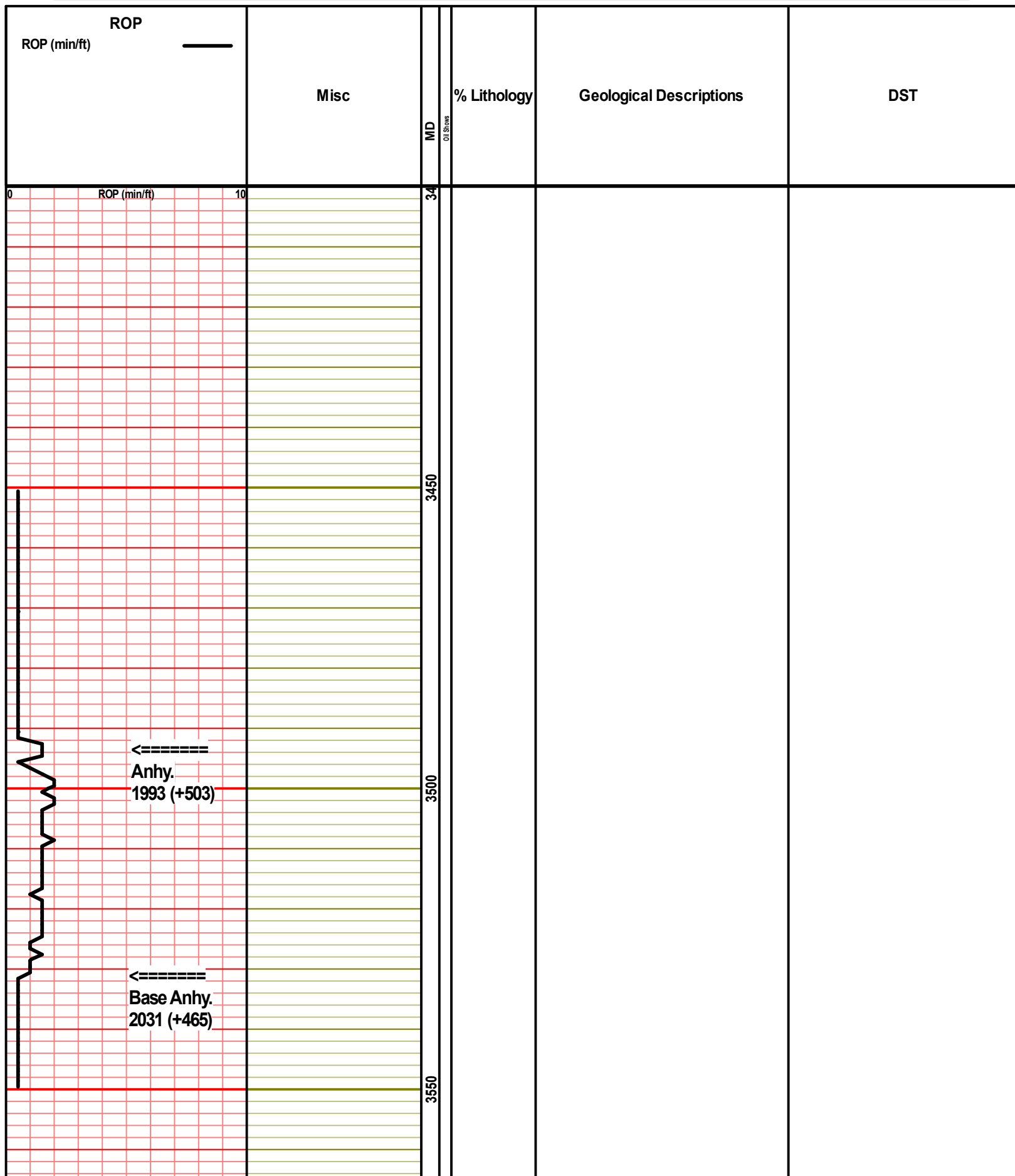
-  Anhy
-  Bent
-  Brec
-  Cht

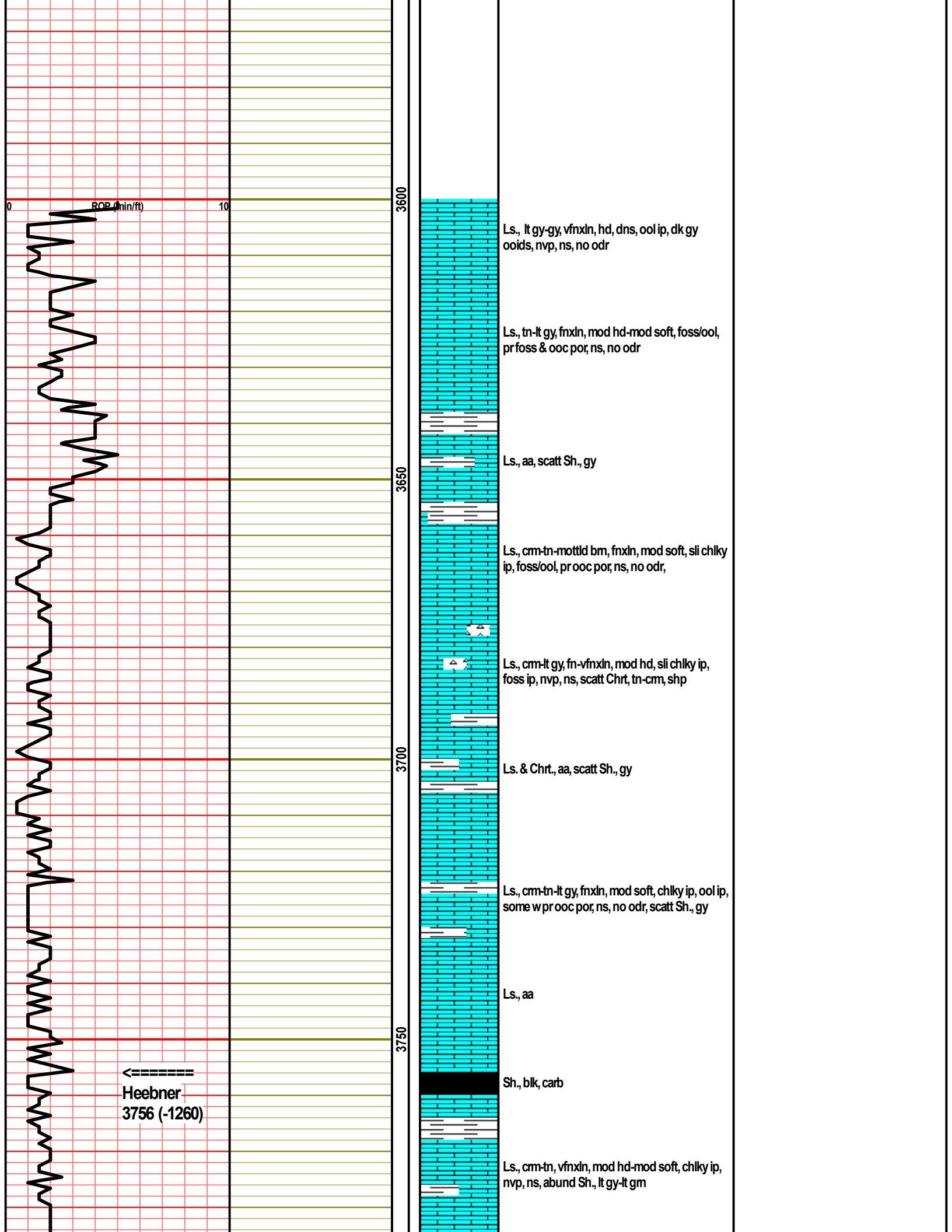
-  Clyst
-  Carb shale
-  Congl
-  Dol

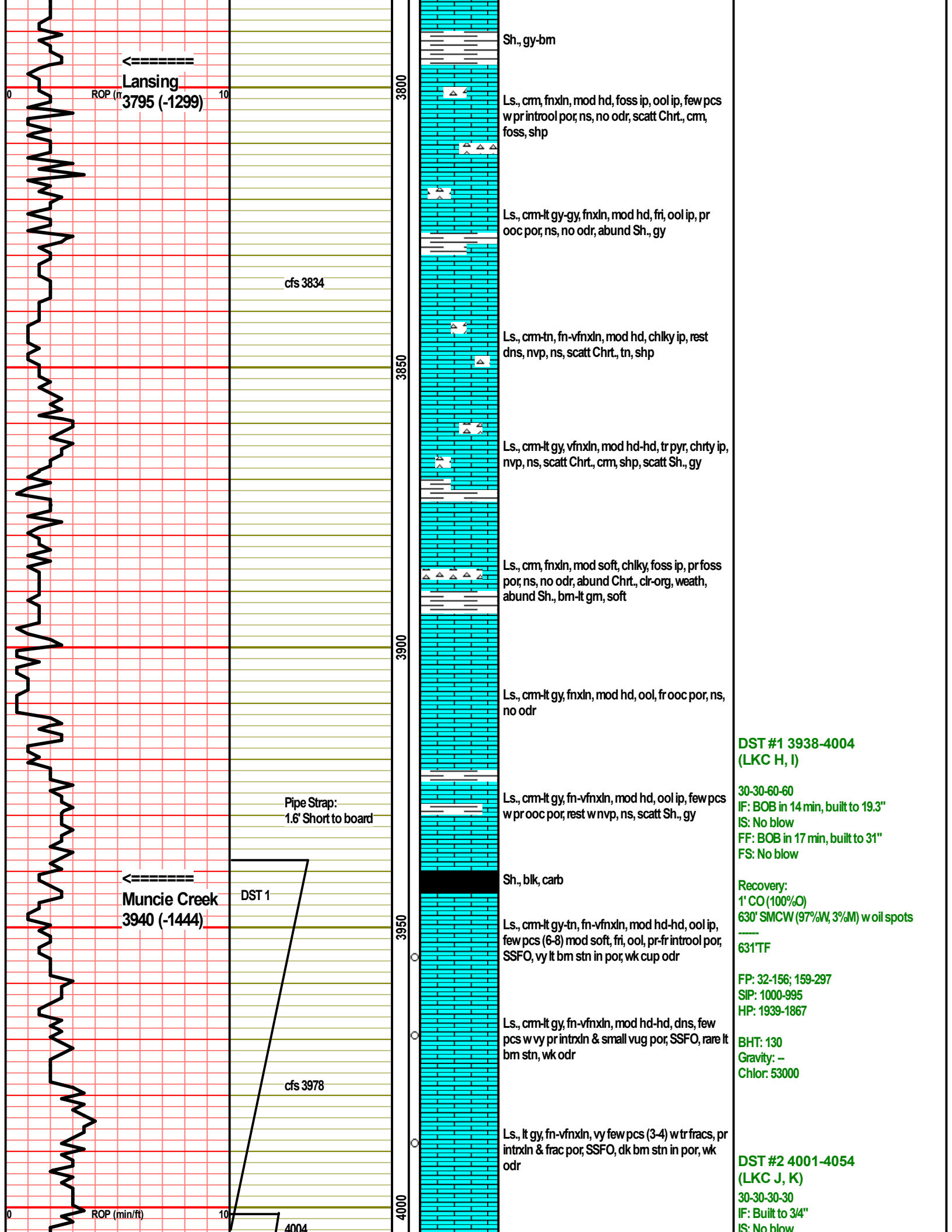
-  Gyp
-  Igne
-  Lmst
-  Meta

-  Mrlst
-  Salt
-  Shale
-  Shcol

-  Shgy
-  Sltst
-  Ss
-  Till







Lansing  
ROP (ft)  
3795 (-1299)

cfs 3834

Pipe Strap:  
1.6' Short to board

Muncie Creek  
ROP (min/ft)  
3940 (-1444)

DST 1

cfs 3978

4004

Sh., gy-bm

Ls., cm, fnxn, mod hd, foss ip, ool ip, few pcs  
w pr introol por, ns, no odr, scatt Chrt., cm,  
foss, shp

Ls., cm-lt gy-gy, fnxn, mod hd, fri, ool ip, pr  
ooc por, ns, no odr, abund Sh., gy

Ls., cm-tn, fn-vfnxn, mod hd, chky ip, rest  
dns, nvp, ns, scatt Chrt., tn, shp

Ls., cm-lt gy, vfnxn, mod hd-hd, tr pyr, chrt ip,  
nvp, ns, scatt Chrt., cm, shp, scatt Sh., gy

Ls., cm, fnxn, mod soft, chky, foss ip, pr foss  
por, ns, no odr, abund Chrt., clr-org, weath,  
abund Sh., bm-lt gm, soft

Ls., cm-lt gy, fnxn, mod hd, ool, fr ooc por, ns,  
no odr

Ls., cm-lt gy, fn-vfnxn, mod hd, ool ip, few pcs  
w pr ooc por, rest w nvp, ns, scatt Sh., gy

Sh., blk, carb

Ls., cm-lt gy-tn, fn-vfnxn, mod hd-hd, ool ip,  
few pcs (6-8) mod soft, fri, ool, pr-fr introol por,  
SSFO, vy lt bm stn in por, wk cup odr

Ls., cm-lt gy, fn-vfnxn, mod hd-hd, dns, few  
pcs w vy pr intrxn & small vug por, SSFO, rare lt  
bm stn, wk odr

Ls., lt gy, fn-vfnxn, vy few pcs (3-4) w tr fracs, pr  
intrxn & frac por, SSFO, dk bm stn in por, wk  
odr

DST #1 3938-4004  
(LKC H, I)

30-30-60-60  
IF: BOB in 14 min, built to 19.3"  
IS: No blow  
FF: BOB in 17 min, built to 31"  
FS: No blow

Recovery:  
1' CO (100%O)  
630' SMCW (97%W, 3%M) w oil spots  
631' TF

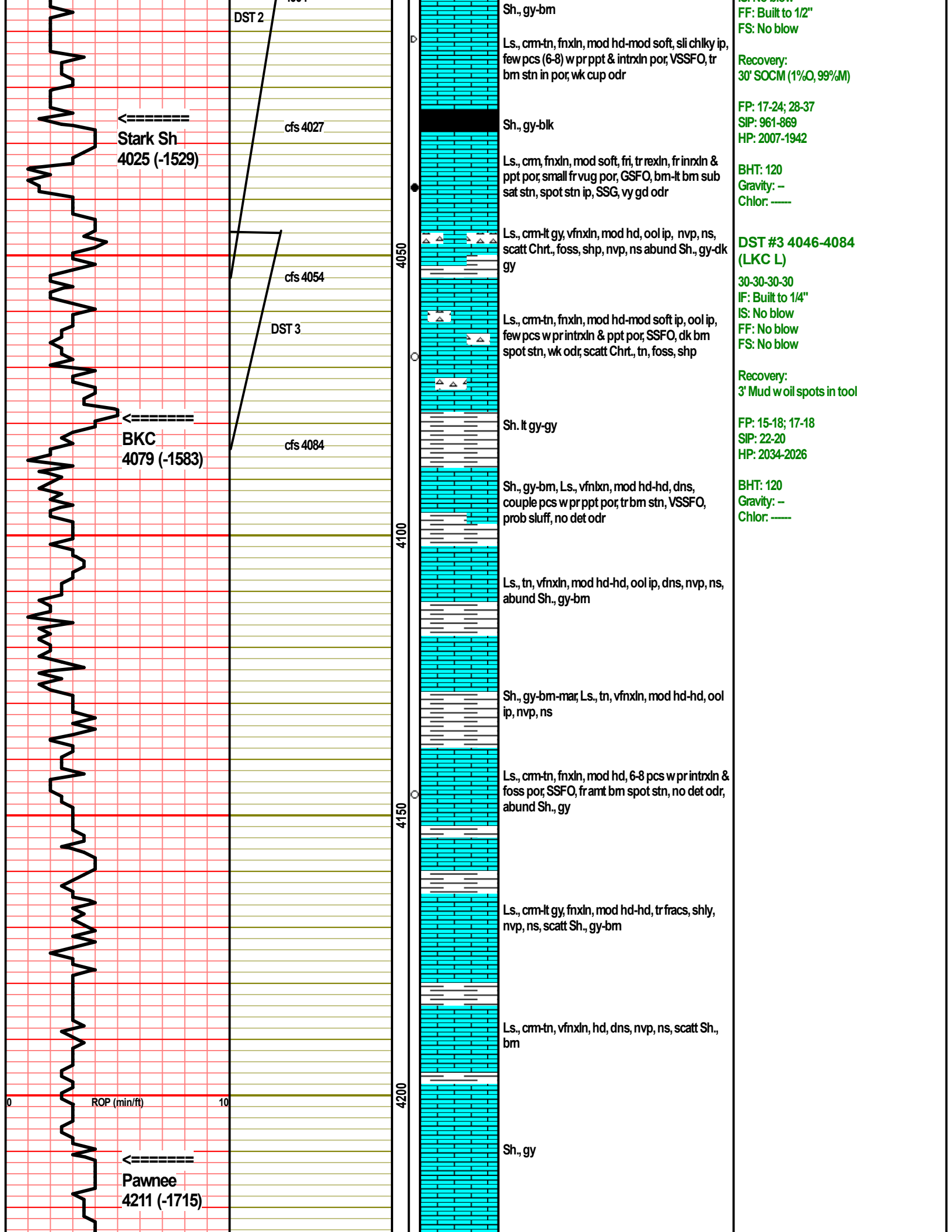
FP: 32-156; 159-297  
SIP: 1000-995  
HP: 1939-1867

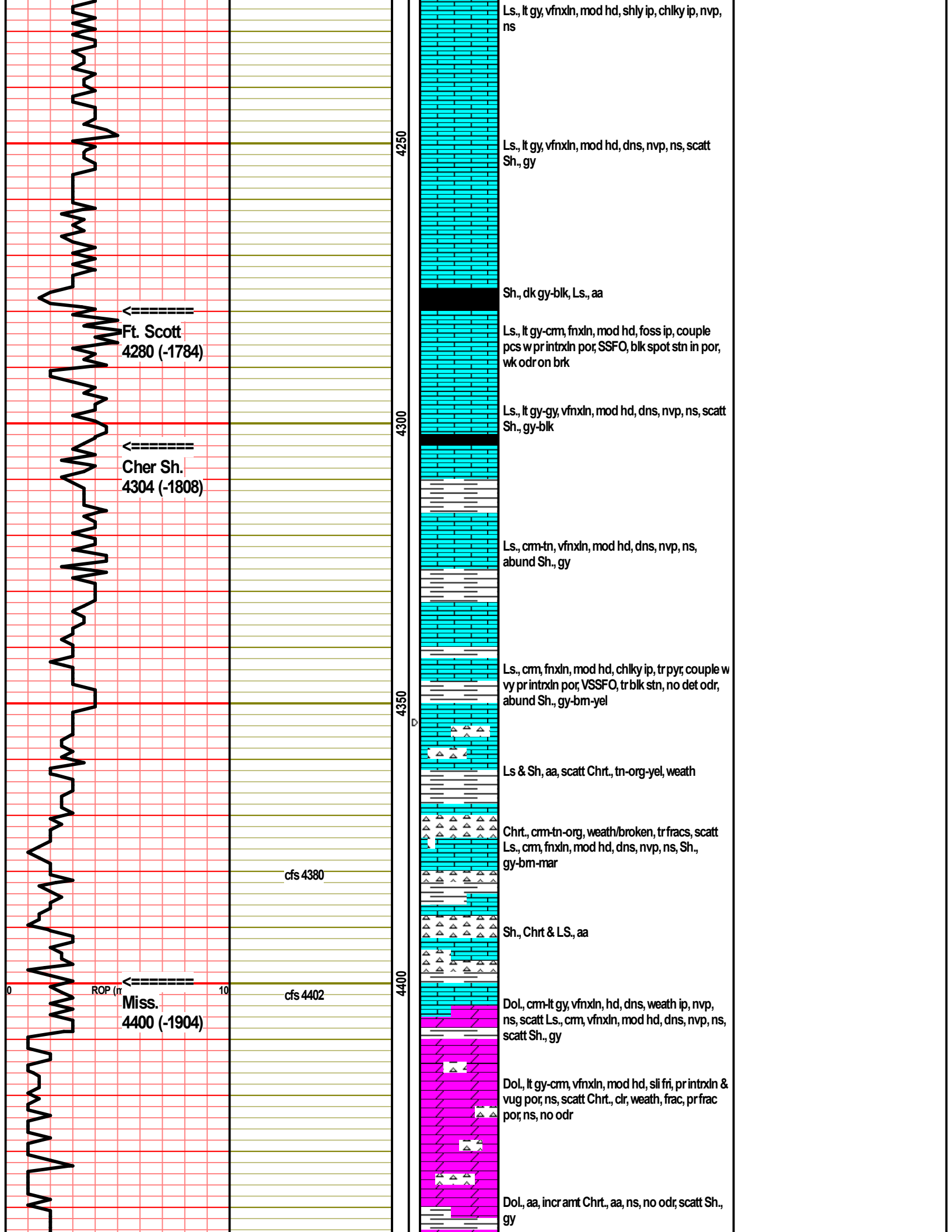
BHT: 130  
Gravity: -  
Chlor: 53000

DST #2 4001-4054  
(LKC J, K)

30-30-30-30  
IF: Built to 3/4"  
IS: No blow

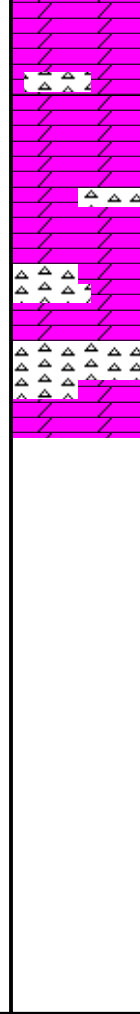








4450  
4500  
50



Dol, aa, Chrt, aa, some wht, shp, ns

Dol. & Chrt, aa, incr amt chrt



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

### **Run For a Million #1**

### **3-14s-26w Gove,KS**

Start Date: 2021.09.01 @ 05:07:00

End Date: 2021.09.01 @ 14:31:30

Job Ticket #: 66959                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2021.09.07 @ 11:59:18

Palomino Petroleum  
3-14s-26w Gove,KS  
Run For a Million #1  
DST # 1  
LKC H - I  
2021.09.01



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove, KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

ATTN: Andrew Stenzel

Job Ticket: 66959

**DST#: 1**

Test Start: 2021.09.01 @ 05:07:00

## GENERAL INFORMATION:

Formation: **LKC H-1**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:30

Time Test Ended: 14:31:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

**Interval: 3938.00 ft (KB) To 4004.00 ft (KB) (TVD)**

Reference Elevations: 2496.00 ft (KB)

Total Depth: 4004.00 ft (KB) (TVD)

2485.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8874**

**Inside**

Press@RunDepth: 297.36 psig @ 3939.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.01

End Date:

2021.09.01

Last Calib.:

2021.09.01

Start Time: 05:07:05

End Time:

14:31:30

Time On Btm:

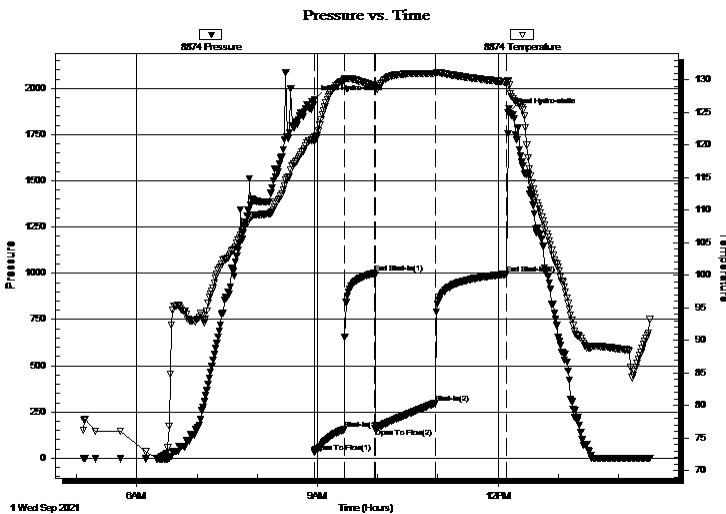
2021.09.01 @ 08:56:45

Time Off Btm:

2021.09.01 @ 12:10:00

**TEST COMMENT:** 30- IF: BOB @ 14 min- 19.3"  
30- IS: No return.  
69- FF: BOB @ 17 min.- 31"  
60- FSI: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.54	121.28	Initial Hydro-static
1	32.37	120.88	Open To Flow (1)
30	156.01	129.97	Shut-In(1)
61	1000.25	129.18	End Shut-In(1)
61	159.53	128.85	Open To Flow (2)
121	297.36	131.04	Shut-In(2)
192	995.32	129.67	End Shut-In(2)
194	1867.13	129.87	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
630.00	mcw 3m 97w (oil spots)	6.71
1.00	oil 100o	0.01

## Gas Rates

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

**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove,KS**4924 SE 84th St  
New ton KS 67114**Run For a Million #1**

ATTN: Andrew Stenzel

Job Ticket: 66959

**DST#: 1**

Test Start: 2021.09.01 @ 05:07:00

## GENERAL INFORMATION:

Formation: **LKC H - I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:30

Time Test Ended: 14:31:30

**Interval: 3938.00 ft (KB) To 4004.00 ft (KB) (TVD)**

Total Depth: 4004.00 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: 2496.00 ft (KB)

2485.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8319 Outside**

Press@RunDepth: psig @ 3939.00 ft (KB)

Start Date: 2021.09.01 End Date: 2021.09.01

Start Time: 05:07:05 End Time: 14:31:00

Capacity: 8000.00 psig

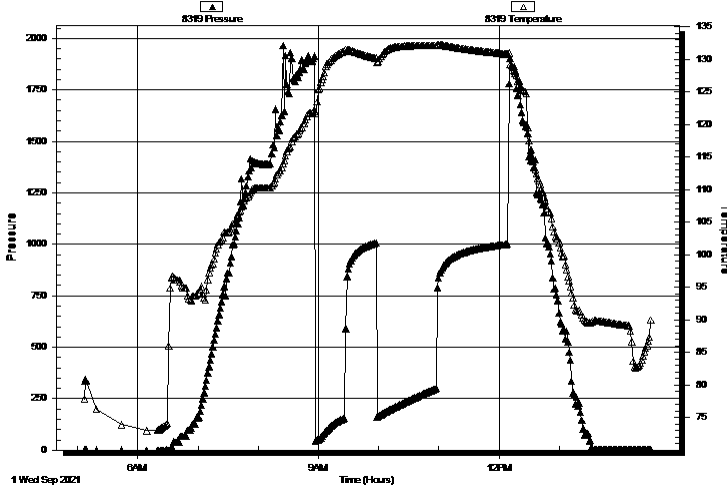
Last Calib.: 2021.09.01

Time On Btm:

Time Off Btm:

**TEST COMMENT:**  
30- IF: BOB @ 14 min- 19.3"  
30- IS: No return.  
69- FF: BOB @ 17 min.- 31"  
60- FSI: No return.

Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
630.00	mcw 3m 97w (oil spots)	6.71
1.00	oil 100o	0.01

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66959

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2021.09.01 @ 05:07:00

## Tool Information

Drill Pipe:	Length: 3682.00 ft	Diameter: 3.80 inches	Volume: 51.65 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: 234.00 ft	Diameter: 2.25 inches	Volume: 1.15 bbl	Weight to Pull Loose:	85000.00 lb
			<u>Total Volume: 52.80 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	3938.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	66.00 ft				
Tool Length:	93.00 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			3912.00	
Shut In Tool	5.00		Fluid	3917.00	
Hydraulic tool	5.00			3922.00	
Jars	5.00			3927.00	
Safety Joint	2.00			3929.00	
Packer	5.00		Inside	3934.00	27.00 Bottom Of Top Packer
Packer	4.00			3938.00	
Stubb	1.00			3939.00	
Recorder	0.00	8874	Inside	3939.00	
Recorder	0.00	8319	Outside	3939.00	
Perforations	29.00			3968.00	
Change Over Sub	1.00			3969.00	
Drill Pipe	31.00			4000.00	
Change Over Sub	1.00			4001.00	
Bullnose	3.00			4004.00	66.00 Bottom Packers & Anchor

**Total Tool Length: 93.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66959

**DST#: 1**

ATTN: Andrew Stenzel

Test Start: 2021.09.01 @ 05:07:00

### 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:

53000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5900.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
630.00	mcw 3m 97w (oil spots)	6.706
1.00	oil 100o	0.014

Total Length: 631.00 ft      Total Volume: 6.720 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .111 @ 86F = 53000ppm

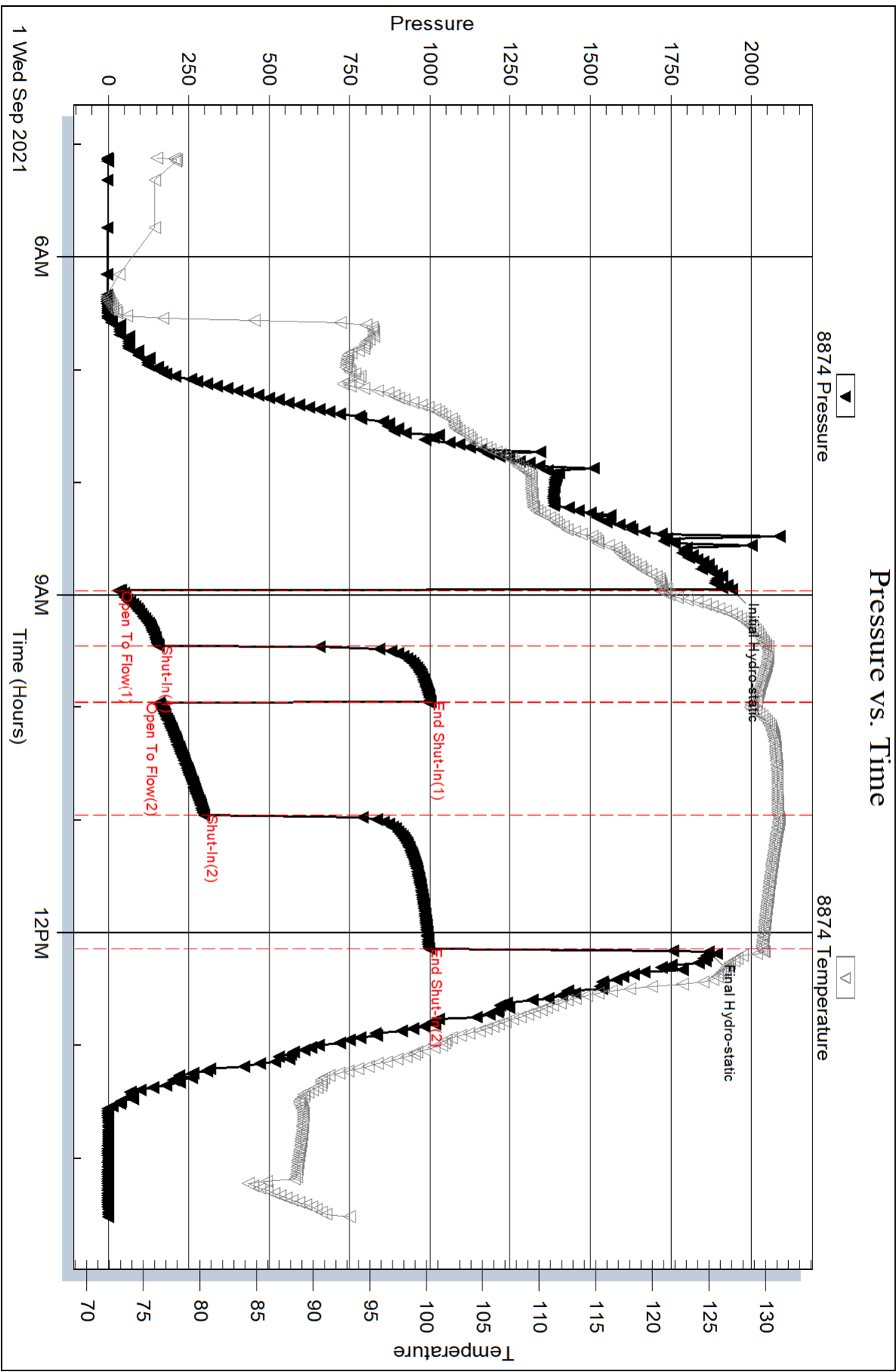
Serial #: 8874

Inside

Palomino Petroleum

Run For a Million #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 66959

Printed: 2021.09.07 @ 11:59:19

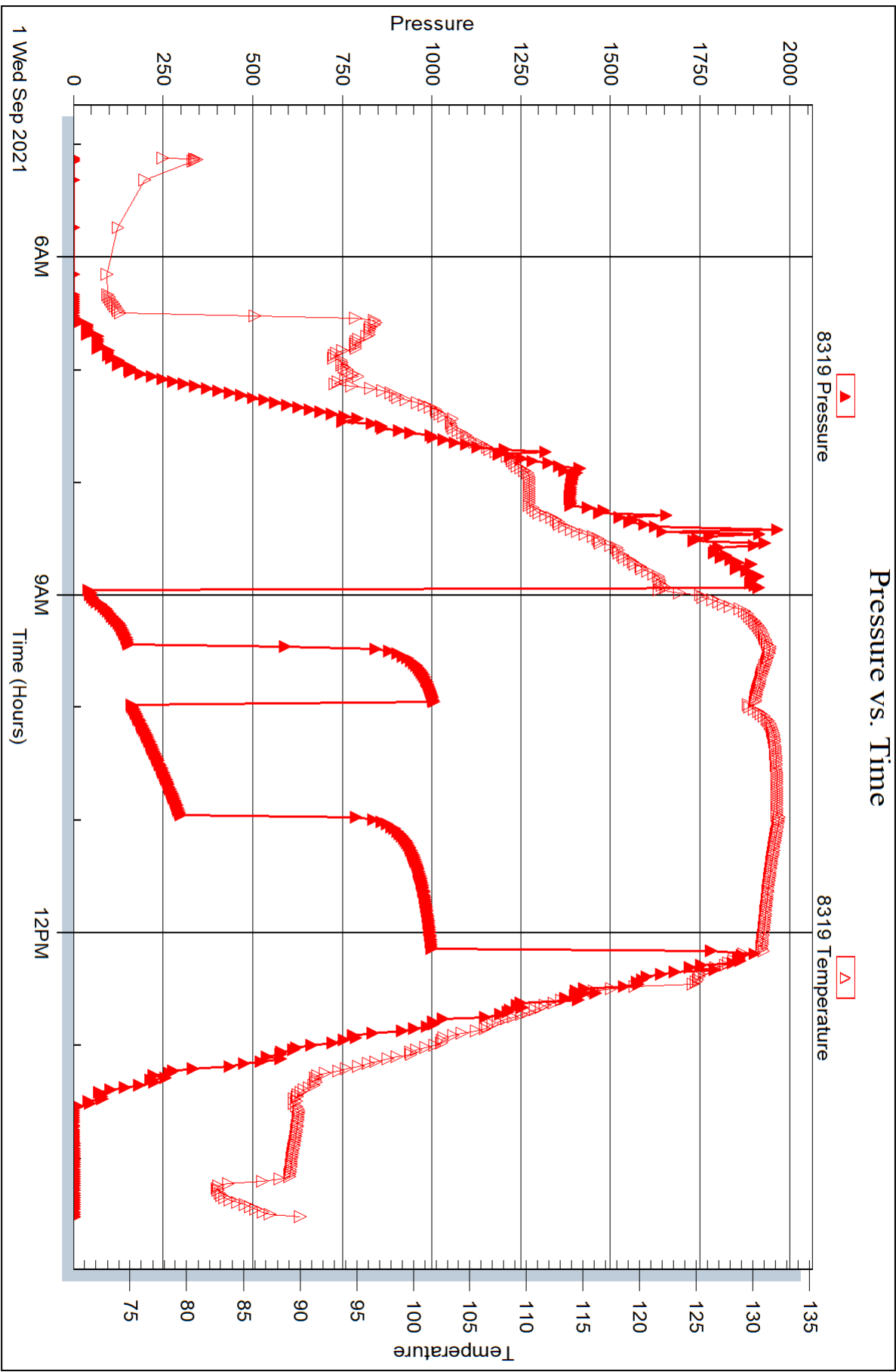
Serial #: 8319

Outside

Palomino Petroleum

Run For a Million #1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

### **Run For a Million #1**

### **3-14s-26w Gove,KS**

Start Date: 2021.09.02 @ 12:35:00

End Date: 2021.09.02 @ 20:26:30

Job Ticket #: 66960                      DST #: 2

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

Printed: 2021.09.07 @ 11:49:12



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66960

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2021.09.02 @ 12:35:00

## GENERAL INFORMATION:

Formation: **LKC J - K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:42:30

Time Test Ended: 20:26:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 4001.00 ft (KB) To 4054.00 ft (KB) (TVD)**

Reference Elevations: 2496.00 ft (KB)

Total Depth: 4054.00 ft (KB) (TVD)

2485.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8874**

**Inside**

Press@RunDepth: 37.53 psig @ 4002.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.02

End Date:

2021.09.02

Last Calib.:

2021.09.02

Start Time: 12:39:05

End Time:

20:30:29

Time On Btm:

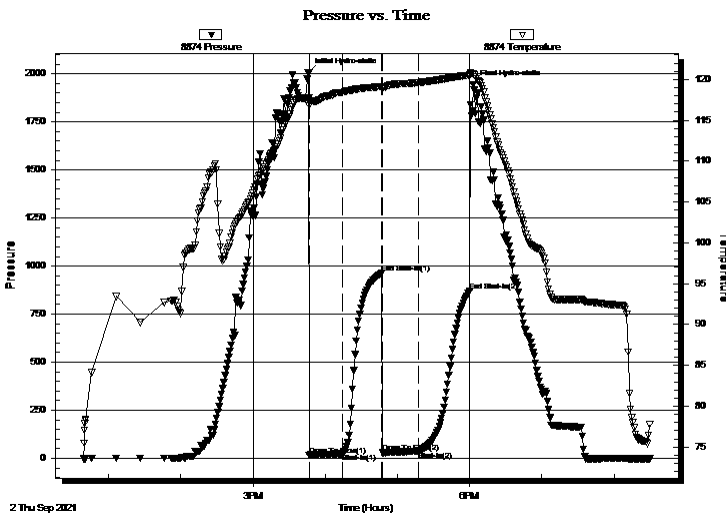
2021.09.02 @ 15:46:15

Time Off Btm:

2021.09.02 @ 18:03:00

**TEST COMMENT:** 30- IF 3/4" blow .  
30- IS: No return.  
30- FF: 1/2" blow .  
30 FSI: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2007.26	117.81	Initial Hydro-static
1	17.24	116.79	Open To Flow (1)
29	24.31	118.42	Shut-In(1)
61	961.63	119.13	End Shut-In(1)
62	28.72	118.89	Open To Flow (2)
92	37.53	119.63	Shut-In(2)
134	869.95	120.52	End Shut-In(2)
137	1942.79	120.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	socm 1o 99m	0.15

\* 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

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66960

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2021.09.02 @ 12:35:00

## Tool Information

Drill Pipe:	Length: 3744.00 ft	Diameter: 3.80 inches	Volume: 52.52 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: 234.00 ft	Diameter: 2.25 inches	Volume: 1.15 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 53.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4001.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	80.00 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			3975.00	
Shut In Tool	5.00		Fluid	3980.00	
Hydraulic tool	5.00			3985.00	
Jars	5.00			3990.00	
Safety Joint	2.00			3992.00	
Packer	5.00		Inside	3997.00	27.00 Bottom Of Top Packer
Packer	4.00			4001.00	
Stubb	1.00			4002.00	
Recorder	0.00	8874	Inside	4002.00	
Recorder	0.00	8319	Outside	4002.00	
Perforations	16.00			4018.00	
Change Over Sub	1.00			4019.00	
Drill Pipe	31.00			4050.00	
Change Over Sub	1.00			4051.00	
Bullnose	3.00			4054.00	53.00 Bottom Packers & Anchor

**Total Tool Length: 80.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66960

**DST#: 2**

ATTN: Andrew Stenzel

Test Start: 2021.09.02 @ 12:35:00

## 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:

0 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	socm 1o 99m	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

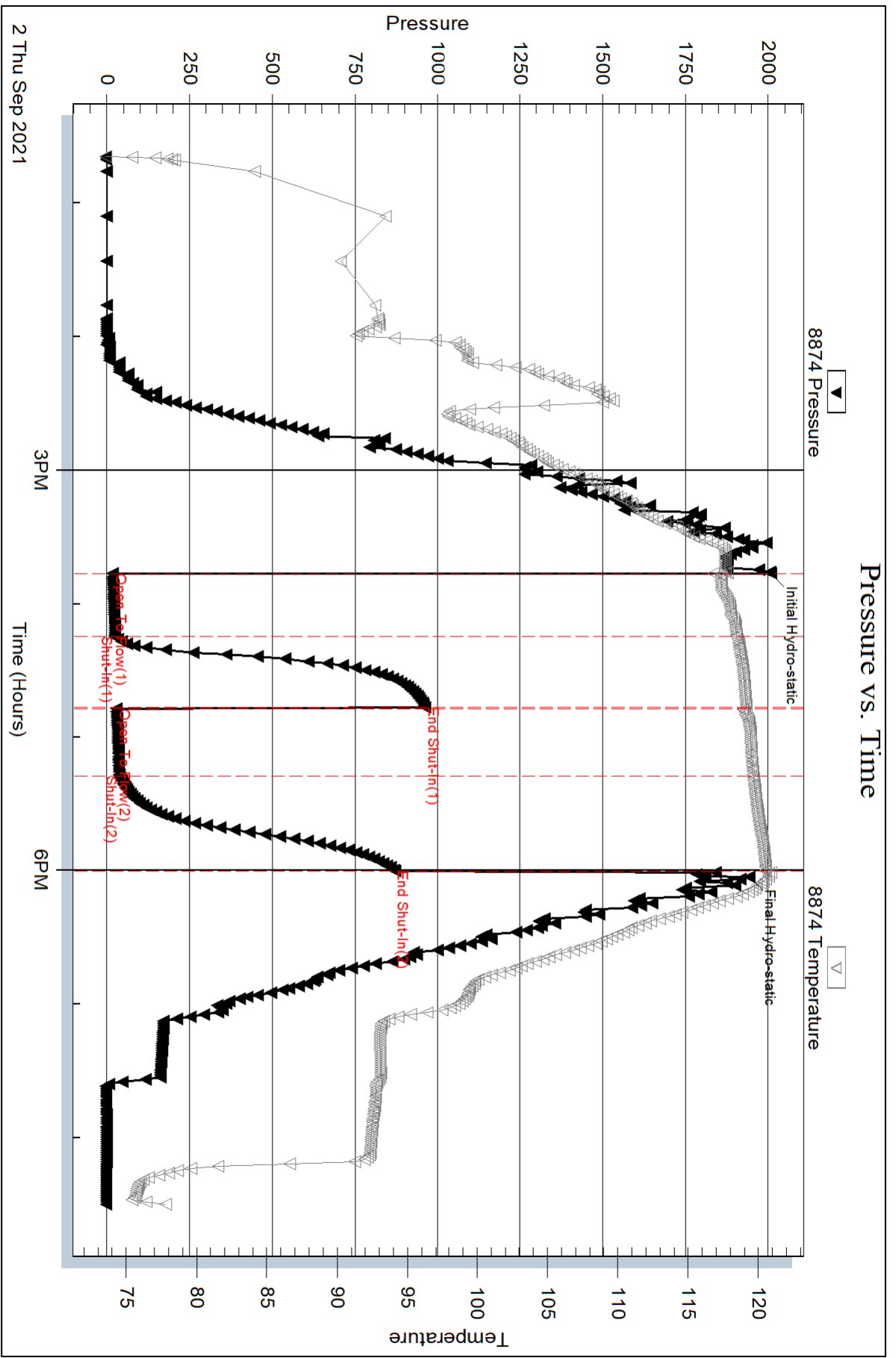
Serial #: 8874

Inside

Palomino Petroleum

Run For a Million #1

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 66960

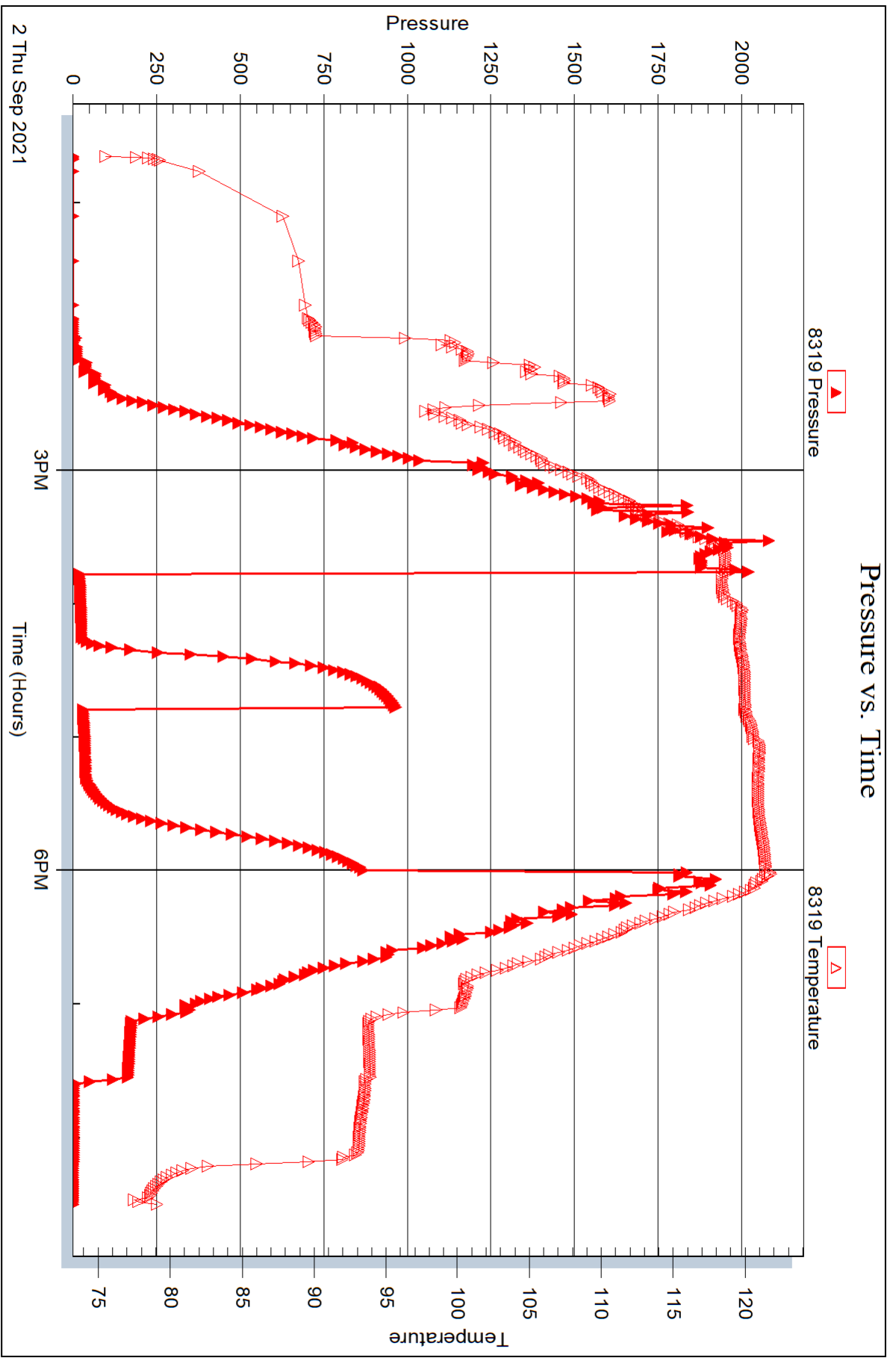
Printed: 2021.09.07 @ 11:49:13

Serial #: 8319

Outside Palomino Petroleum

Run For a Million #1

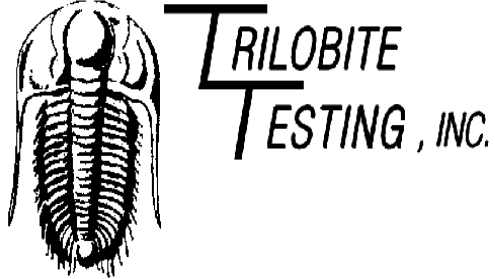
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 66960

Printed: 2021.09.07 @ 11:49:13



## DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum**

4924 SE 84th St  
Newton KS 67114

ATTN: Andrew Stenzel

### **Run For a Million #1**

### **3-14s-26w Gove,KS**

Start Date: 2021.09.03 @ 06:05:00

End Date: 2021.09.03 @ 13:08:30

Job Ticket #: 66961                      DST #: 3

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

Printed: 2021.09.07 @ 11:48:25



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

ATTN: Andrew Stenzel

Job Ticket: 66961

**DST#: 3**

Test Start: 2021.09.03 @ 06:05:00

## GENERAL INFORMATION:

Formation: **LKC L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:00:15

Time Test Ended: 13:08:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 4046.00 ft (KB) To 4084.00 ft (KB) (TVD)**

Reference Elevations: 2496.00 ft (KB)

Total Depth: 4084.00 ft (KB) (TVD)

2485.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8874**

**Inside**

Press@RunDepth: 18.31 psig @ 4047.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.03

End Date: 2021.09.03

Last Calib.: 2021.09.03

Start Time: 06:05:05

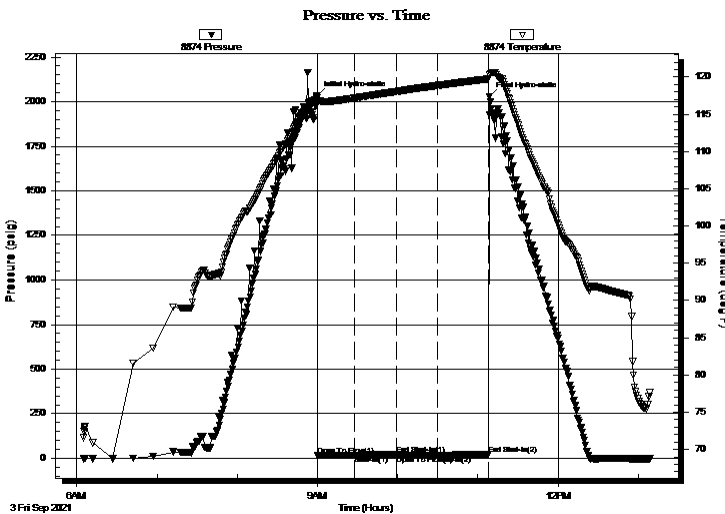
End Time: 13:08:29

Time On Btm: 2021.09.03 @ 09:00:00

Time Off Btm: 2021.09.03 @ 11:08:45

**TEST COMMENT:** 30- IF: 1/4" blow .  
30- IS: No return.  
30- FF: No blow .  
30- FSI: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2034.50	117.26	Initial Hydro-static
1	15.94	116.60	Open To Flow (1)
28	18.13	117.19	Shut-In(1)
59	22.22	118.06	End Shut-In(1)
60	17.95	118.07	Open To Flow (2)
90	18.31	118.88	Shut-In(2)
128	20.91	119.76	End Shut-In(2)
129	2026.77	120.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100m (oil spots in tool)	0.01

## Gas Rates

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

\* Recovery from multiple tests



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

ATTN: Andrew Stenzel

Job Ticket: 66961

**DST#: 3**

Test Start: 2021.09.03 @ 06:05:00

## GENERAL INFORMATION:

Formation: **LKC L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:00:15

Time Test Ended: 13:08:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

**Interval: 4046.00 ft (KB) To 4084.00 ft (KB) (TVD)**

Reference Elevations: 2496.00 ft (KB)

Total Depth: 4084.00 ft (KB) (TVD)

2485.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

**Serial #: 8319 Outside**

Press@RunDepth: psig @ 4047.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2021.09.03

End Date: 2021.09.03

Last Calib.: 2021.09.03

Start Time: 06:05:05

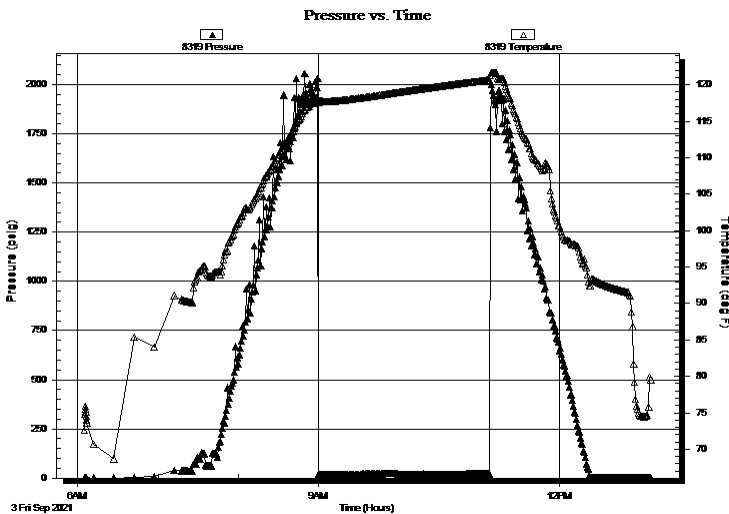
End Time: 13:08:29

Time On Btm:

Time Off Btm:

**TEST COMMENT:** 30- IF: 1/4" blow .  
30- IS: 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)
3.00	mud 100m (oil spots in tool)	0.01

## Gas Rates

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

\* Recovery from multiple tests





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66961

**DST#: 3**

ATTN: Andrew Stenzel

Test Start: 2021.09.03 @ 06:05:00

## Tool Information

Drill Pipe:	Length: 3807.00 ft	Diameter: 3.80 inches	Volume: 53.40 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: 234.00 ft	Diameter: 2.25 inches	Volume: 1.15 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 54.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4046.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	65.00 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			4020.00	
Shut In Tool	5.00		Fluid	4025.00	
Hydraulic tool	5.00			4030.00	
Jars	5.00			4035.00	
Safety Joint	2.00			4037.00	
Packer	5.00		Inside	4042.00	27.00 Bottom Of Top Packer
Packer	4.00			4046.00	
Stubb	1.00			4047.00	
Recorder	0.00	8874	Inside	4047.00	
Recorder	0.00	8319	Outside	4047.00	
Perforations	34.00			4081.00	
Bullnose	3.00			4084.00	38.00 Bottom Packers & Anchor

**Total Tool Length: 65.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Palomino Petroleum

**3-14s-26w Gove,KS**

4924 SE 84th St  
New ton KS 67114

**Run For a Million #1**

Job Ticket: 66961

**DST#: 3**

ATTN: Andrew Stenzel

Test Start: 2021.09.03 @ 06:05:00

## 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:

0 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5700.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100m (oil spots in tool)	0.015

Total Length: 3.00 ft      Total Volume: 0.015 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

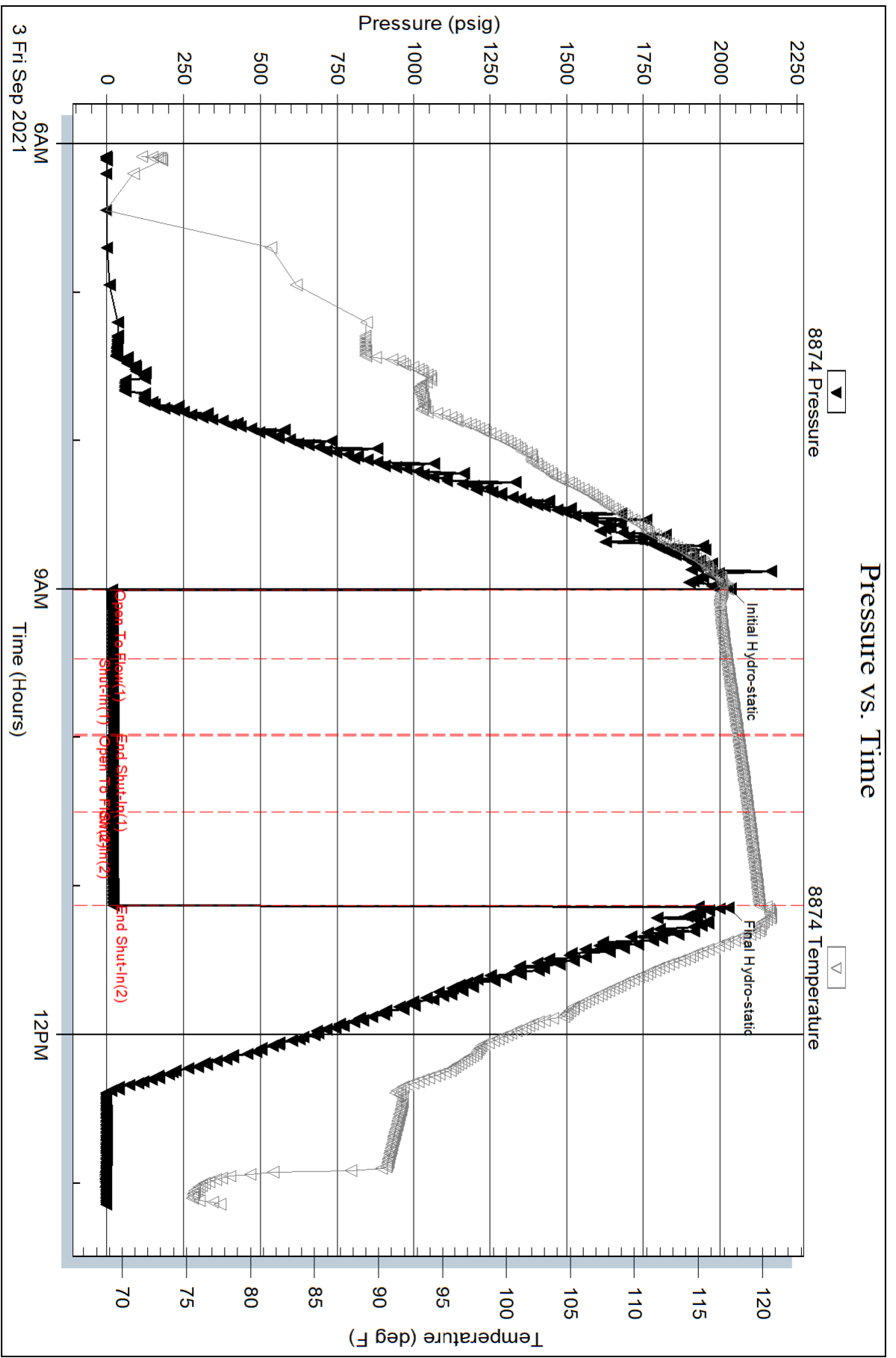
Serial #: 8874

Inside

Palomino Petroleum

Run For a Million #1

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 66961

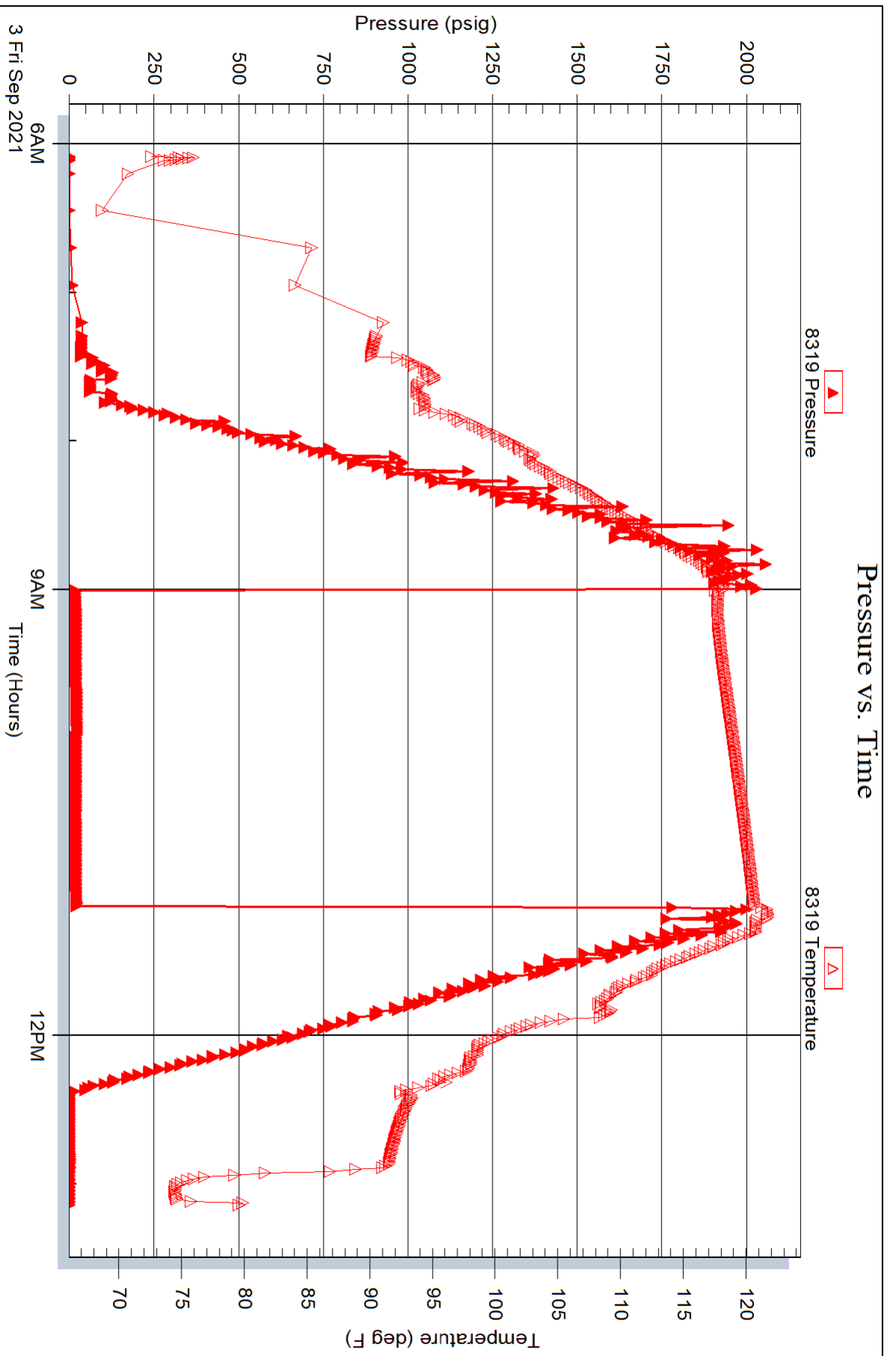
Printed: 2021.09.07 @ 11:48:26

Serial #: 8319

Outside Palomino Petroleum

Run For a Million #1

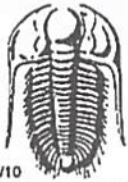
DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 66961

Printed: 2021.09.07 @ 11:48:26



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 66959

4/10

Well Name & No. Run For a Million Test No. 1 Date 9/01/2021  
 Company Palomino Petroleum Elevation 2496 KB 2485 GL  
 Address 4924 SE 84th St Newton, KS 67114  
 Co. Rep / Geo. Andrew Stenzel Rig M.A.N 21  
 Location: Sec. 3 Twp 14S Rge. 26W Co. Gove State Ks

Interval Tested 3938-4004 Zone Tested LKC H, I  
 Anchor Length 66' Drill Pipe Run 3682 Mud Wt. 9.3  
 Top Packer Depth 3933 Drill Collars Run 235 Vis 51  
 Bottom Packer Depth 3938 Wt. Pipe Run 0 WL 5.8  
 Total Depth 4004 Chlorides 5900 ppm System LCM 2#  
 Blow Description IF BOB @ 14 min. - 19.3"  
ISI No return.  
FP BOB @ 17 min - 31"  
FSI No return.

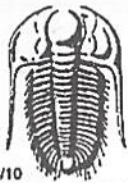
Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Oil</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>630</u>	<u>SMCOW (oil spots)</u>	<u>0</u>	<u>0</u>	<u>97</u>	<u>3</u>

Rec Total 631 BHT 130 Gravity - API RW 111 @ 86 °F Chlorides 53000 ppm

(A) Initial Hydrostatic <u>1939</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>0045</u>
(B) First Initial Flow <u>32</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0507</u>
(C) First Final Flow <u>156</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0756</u>
(D) Initial Shut-In <u>1000</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1056</u>
(E) Second Initial Flow <u>159</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1432</u>
(F) Second Final Flow <u>297</u>	<input checked="" type="checkbox"/> Mileage <u>134 RT</u> 167.50	Comments
(G) Final Shut-In <u>995</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1867</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> EM Tool
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Accessibility	Sub Total <u>0</u>
Sub Total <u>1942.50</u>		Total <u>1942.50</u>

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. 66960

Well Name & No. Run for a Million #1 Test No. 2 Date 7/02/2021  
 Company Palumbo Petroleum Elevation 2496 KB 2485 GL  
 Address Newton Ks  
 Co. Rep / Geo. Andrew Stenzel Rig Mudwin 21  
 Location: Sec. 3 Twp 14s Rge. 26W Co. Gove State Ks

Interval Tested 4001 - 4054 Zone Tested LKC J, K  
 Anchor Length 53 Drill Pipe Run 3744 Mud Wt. 9.4  
 Top Packer Depth 3096 Drill Collars Run 235 Vis 50  
 Bottom Packer Depth 4001 Wt. Pipe Run 0 WL 5.8  
 Total Depth 4054 Chlorides 5700 ppm System LCM 2#

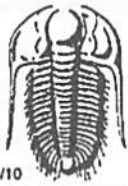
Blow Description IF 3/4" blow  
ISI No return.  
FF 1/2" blow  
FSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>50cm</u>		<u>1</u>		<u>99</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 30 BHT 120 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2007</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>1200</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1235</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1546</u>
(D) Initial Shut-In <u>961</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1746</u>
(E) Second Initial Flow <u>28</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>2031</u>
(F) Second Final Flow <u>37</u>	<input checked="" type="checkbox"/> Mileage <u>167.50</u>	Comments
(G) Final Shut-In <u>869</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1942</u>	<input type="checkbox"/> Straddle	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> EM Tool
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Shale Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	<input checked="" type="checkbox"/> Ruined Packer <u>335</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Accessibility	Sub Total <u>335</u>
	Sub Total <u>1942.50</u>	Total <u>2277.50</u>
		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.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 66961

Well Name & No. Run for a Million #1 Test No. 3 Date 9/02/2021  
 Company Palomino Petroleum Elevation 2496 KB 2485 GL  
 Address Newton Ks  
 Co. Rep / Geo. Andrew Stanzel Rig Morton 21  
 Location: Sec. 3 Twp 14S Rge. 26W Co. Gore State Ks

Interval Tested 4046 - 4084 Zone Tested LKC L  
 Anchor Length 38' Drill Pipe Run 3807 Mud Wt. 9.4  
 Top Packer Depth 4041 Drill Collars Run 235 Vis 66  
 Bottom Packer Depth 4046 Wt. Pipe Run Ø WL 6.0  
 Total Depth 4084 Chlorides 5700 ppm System LCM 2#

Blow Description IF 1/4" blow  
ISL no return.  
FF No blow  
FSI No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</u>	<u>Mud</u>			<u>100</u>	
	<u>oil spots in tool</u>				

Rec Total 3 BHT 120 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>2034</u>	<input checked="" type="checkbox"/> Test <u>1450</u>	T-On Location <u>0530</u>
(B) First Initial Flow <u>15</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0605</u>
(C) First Final Flow <u>18</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0856</u>
(D) Initial Shut-In <u>22</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1058</u>
(E) Second Initial Flow <u>17</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1312</u>
(F) Second Final Flow <u>18</u>	<input checked="" type="checkbox"/> Mileage <u>x2</u> <u>335</u>	Comments <u>P/U Tools</u>
(G) Final Shut-In <u>20</u>	<input type="checkbox"/> Sampler	<u>9/04 0100</u>
(H) Final Hydrostatic <u>2026</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> EM Tool

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<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>30</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby <u>1d 12h</u>	Sub Total <u>800</u>
	<input type="checkbox"/> Accessibility	Total <u>2910</u>
	Sub Total <u>2110</u>	MP/DST Disc't

Approved By \_\_\_\_\_ Our Representative \_\_\_\_\_

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