KOLAR Document ID: 1637815

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 # 30742
Name: Palomino Petroleum, Inc.
Address 1: 4924 SE 84TH ST
Address 2:
City: NEWTON State: KS Zip: 67114 + 8827
Contact Person: Nick Gerstner
Phone: (316) 799-1000
CONTRACTOR: License # 34484
Name: Fossil Drilling, Inc.
Wellsite Geologist: Chad Counts
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 #:

1/12/2022 Spud Date or Recompletion Date
1/19/2022 Date Reached TD
1/20/2022 Completion Date or Recompletion Date

API No.: 15-083-21998-00-00
Spot Description:
NW - SE - SW - NW Sec. 8 Twp. 22 S. R. 23 ☐ East ☑ West
2300 Feet from ☑ North / ☐ South Line of Section
817 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Hodgeman
Lease Name: UNFORGIVEN Well #: 1
Field Name:
Producing Formation: Mississippian
Elevation: Ground: 2381 Kelly Bushing: 2394
Total Vertical Depth: 4770 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 251 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: 10000 ppm Fluid volume: 3420 bbls
Dewatering method used: Evaporated
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: 04/05/2022
☐ **Confidential Release Date:** 04/04/2024
☑ **Wireline Log Received** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** David Befort **Date:** 04/05/2022

Page Two

Operator Name: Palomino Petroleum, Inc. Lease Name: UNFORGIVEN Well #: 1

Sec. 8 Twp. 22 S. R. 23 ☐ East ☑ West County: Hodgeman

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 *(Attach Additional Sheets)*	☑ Yes	☐ No	
Samples Sent to Geological Survey	☑ Yes	☐ No	
Cores Taken	☐ Yes	☑ No	
Electric Log Run	☑ Yes	☐ No	
Geologist Report / Mud Logs	☑ Yes	☐ No	

List All E. Logs Run:

Attached

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Attached	Attached	Attached

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	251	Class A	150	3% cc 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
☐ Perforate ☐ Protect Casing ☐ Plug Back TD ☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Palomino Petroleum, Inc.
Well Name	UNFORGIVEN 1
Doc ID	1637815

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	251	Class A	150	3% cc 2% gel

PALOMINO PETROLEUM, INC.

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

Well Name:	**Unforgiven #1**		
API:	**15-083-21998**		
Location:	**NW SE SW NW Sec. 8 T22S R23W**		
License Number:	**KLN 30742**	**Region:**	
Spud Date:	**1/12/2022**	**Drilling Completed:**	**1/20/2022**
Surface Coordinates:	**38.15456 -99.877379**		
Bottom Hole Coordinates:			
Ground Elevation (ft):	**2381**	**K.B. Elevation (ft):**	**2388**
Logged Interval (ft):	**3400 To: 4770**	**Total Depth (ft):**	**4770**
Formation:	**Mississippian**		
Type of Drilling Fluid:	**Chemical based 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 67114-8827

GEOLOGIST

Name: Chad Counts
Company: MG Oil Inc.
Address: P.O. Box 162
Russell, Ks

Comments

The Unforgiven #1 was drilled with Fossil Drilling tools commencing 1-12-22, and completed 1-20-22.

Owing to encountering a low structural position, negative DST results, and overall lack of reservoir quality; it was agreed upon by all parties to plug and abandon the Unforgiven #1.

Respectfully Submitted,

Chad Counts

DSTS

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:59:52
Time Test Ended: 00:45:07

Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84

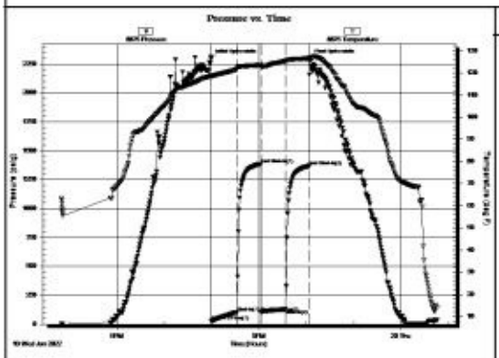
Interval: 4576.00 ft (KB) To 4587.00 ft (KB) (TVD)
Total Depth: 4687.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: ft (KB)
ft (CF)
KB to GR/CF: ft

Serial #: 8875 **Inside**
Press@RunDepth: 128.55 psig @ 4580.00 ft (KB)
Start Date: 2022.01.19 End Date: 2022.01.20
Start Time: 16:50:01 End Time: 00:45:07

Capacity: psig
Last Calib.: 2022.01.20
Time On Btm: 2022.01.19 @ 19:59:42
Time Off Btm: 2022.01.19 @ 22:04:32

TEST COMMENT: 30-IF-Surface to 2"
30-ISI-No Return
30-FF-Surface to 1.5"
30-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.47	118.87	Initial Hydro-static
1	24.69	118.22	Open To Flow (1)
33	102.49	122.10	Shut-In(1)
63	1385.00	123.54	End Shut-In(1)
63	104.20	122.92	Open To Flow (2)
95	128.55	125.50	Shut-In(2)
124	1368.57	126.55	End Shut-In(2)
125	2294.39	126.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	MCW w/oil spots 20%W 80%M	1.21
40.00	SOCM 3%O 97%M	0.57
3.00	Oil 100%O	0.04

Gas Rates

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

Progress Report:

1/12/22Moved in Fossil Drilling, Inc. rotary tools (Rig #3). Spudded at 3:45 p.m. Ran 5 jts 8 5/8" 23# surface pipe set at 251' and cemented with 150 sacks Class A 3% cc 2% gel. Cement did circulate. Plug down at 8:30 p.m.

1/13/22Drilling at 235'.

1/14/22Drilling at 2130'.

1/15/22Drilling at 2840'.

1/16/22Drilling at 3625'.

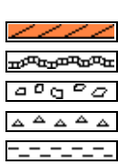
1/17/22Tripping in hole with bit at 4095'.

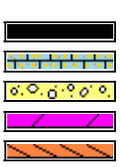
1/18/22Drilling at 4396'.

1/19/22Drilling at 4660'. DST #1: 4576-4587, 30-30-30-30, surface to 2" on initial flow period, no return during initial shut-in period, surface to 1½" on final flow period, no return during final shut-in period, rec. 3' oil, 40' slightly oil cut mud (3% oil, 97% mud), 200' mud cut water (20% water, 80% mud with oil spots), FP 25-102; 104-129; SIP 1385-1369; HP 2294-2294.

1/20/22Circulating for samples at 4697'. TD @ 4770'

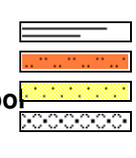
ROCK TYPES


Anhy
Bent
Brec
Cht
Clyst


Coal
Oolitic limestone
Congl
Dol
Gyp


Igne
Dark grey shale
Black shale
Lmst
Meta


Mrlst
Salt
New symbol
Shale
Shcol


Shgy
Sltst
Ss
Till

OTHER SYMBOLS

POROSITY
- E Earthy
- B Fenest
- F Fracture
- X Inter
- M Moldic
- O Organic
- P Pinpoint
- V Vuggy

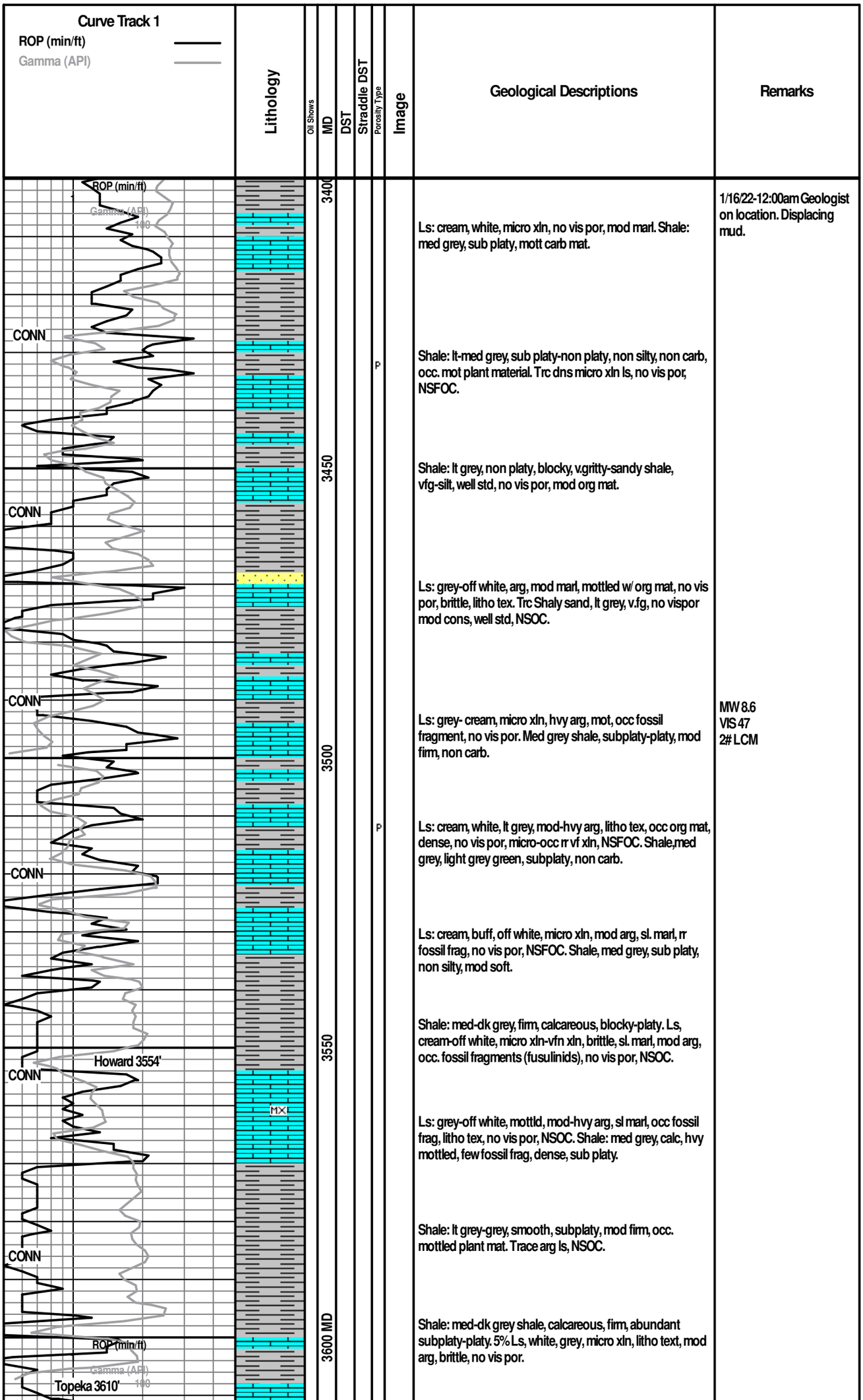
SORTING
- W Well
- M Moderate
- P Poor

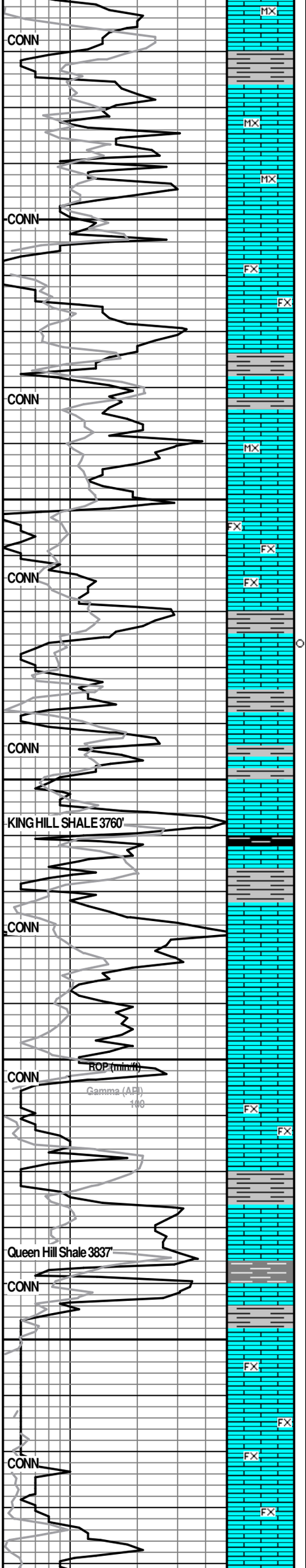
ROUNDING
- R Rounded
- r Subrnd
- a Subang
- A Angular

OIL SHOW
- Even
- Spotted
- Ques
- Dead

INTERVAL
- Core
- Dst overlap
- Dst

EVENT
- Rft
- Sidewall





Survey @3618' 2 degrees

Ls: white, cream, micro xln, mod marl, mod dense, no vis por, rr fossil frag, NSOC. Dark grey shale, sub platy-platy, mod firm, non silty, sl carb.

1/16/22-7:00am depth 3630'

Ls: cream, grey, beige, micr xln, occ fossil fragments, bivalves, crinoids, occ. rr scat vug, poor-no vis por, NSOC. Shale: med grey, sub platy, sl calc.

Mudco check:
MW 8.9
VIS 43
FILTRATE 8.0
PH 11
Solids 4.2%
CHLORIDES 3000ppm
1# LCM

Ls: cream, buff, grey, litho tex, micro xln-vfn xln,brittle, fair-poor inxl por, mod arg, occ fossil frag. Sh: lt-med grey, sl. calc, mod soft.

Ls: cream, beige, sl arg, micro xln-vf xln, occ rr pp vug, occ fossil fragment, NSFOC.

Ls: cream, beige, fn xln, suggary, litho tex, poor-fair vis inxl por, brittle, sl. marl, occ fusulinids, NSOC. Trc med grey shale, soft smooth, subplaty.

Ls: cream-grey, micro xln-vf xln, litho-earthy tex, poor vis por, easily crushed, sl marl, found two cuttings w/questionable dead oil stain and one pp oil globule in tray . Shale: grey, subplaty-platy, mod fir, sl calc.

MW 9.1
VIS 43
1# LCM

Ls: grey, cream, off white, micro xln-fn xln, brittle, occ marl, occ. hvy mottled org material, poor vis inxl por, NSOC. Dark grey shale, smooth, subplaty-platy, mod firm, sl. calc.

Ls: Cream, fn xln, very brittle, sl. marl cont, speckled organ material, no vis por, NSFOC. Sh: grey platy-subplaty, mod firm, sl. calc.

Ls: white, cream, micro xln, lithographic tex, trc a/a, no vis por, dense, NSFOC. Trc. lt grey platy shale.

MW 8.9
VIS 47
2# LCM

Ls: white- cream, micro xln, occ. vf xln, brittle, occ. fossil fragmnets, no vis por, NSFOC.

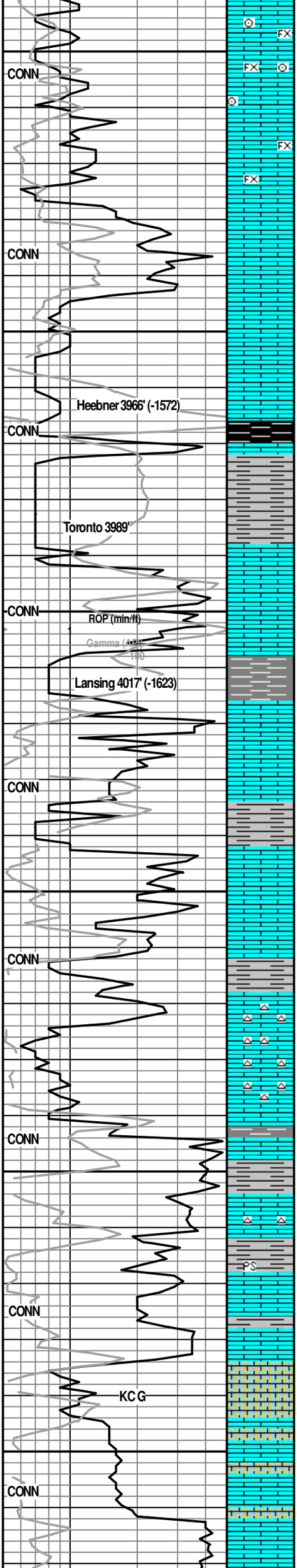
Ls: cream, tan, white, vf xln-fn xln, occ good scattered pp vuggy por, mod marl cont, sl. brittle, NSOC.

MW 9.1
VIS 46
2# LCM

Ls: Cream, beige, lt brown, vf xln, v brittle, occ fossil frag, poor vis por. NSOC Dk grey shale, occ brown, non-sl carb, sub platy, mod firm, sl. calc.

Ls: cream, fn xln, occ sparry tex, sl-mod marl, gd-ex vuggy and inxl por, occ. fossil frag, brittle, NSFOC.

Ls:cream, white, fn xln, sparry tex, increase marl cont, good inxl and vuggy por, NSOC.



Ls: Cream, beige, white, vf xln-fn xln, good scatt vuggy and inxl por, mod-hvy marl cont, occ. fossil frag, bivalves, fusulinids, NSOC.

Ls, cream, grey, off white, micro xln-fn xln, scatt vuggy por, fair inxl por, mod brittle, mod marl, rr fossil frag, NSOC.

Ls: Buff, beige, micro xln, no vis por, sl arg, occ fossil frag, occ. mottled org mat, NSOC.

Ls: cream, beige-brown, micro xln-fn xln, mod marl, poor-fair inxl por, scat rr pp vug, NSOC.

Trc Black shale: Firm, platy, mod carb, sl. calc. Ls: cream, beige, micro xln, dense, occ foss frag, NSOC.

Flood Black shale: firm, platy, carbonaceous, sl calc, strong gassy odor in cup. Ls: beige, micro xln, hvy mottled, abdnt fossil frag, no sec por, NSOC.

Shale: dove grey, non platy, smooth, non calc, soft, wash grey. Ls: Cream, micro xln, sl marl, no vis por, dense, NSOC.

Ls: cream, white, micro xln, dense no vis por, sl. marl, sl pyritic, NSOC.

Ls: beige-brown, micro xln, litho tex, mod arg, no vis por, NSOC. Sh: med grey- dk brown, sub platy, smooth, non silty, sl carb, non calc.

Ls: cream-white, micro xln-occ fn xln, suggary sparry text, rr poor vis por, most dense, rr fossil frag, NSOC.

Ls: cream, white, lt grey, micro-crypto xln, mod marl, sl. pyrite, no vis por, NSOC. Sh: med grey-sup platy-platy, mod firm.

Shale: Light grey, dove grey, sub platy-platy, firm, mod calc, non carb.

Ls: cream, micro xln, dense, mod marl, no vis por, litho tex, NSOC.

Ls: cream-buff, micro xln rr vf xln, sl marl, no vis por, occ. fossil fragments, NSOC.

Flood dark grey sh: v platy-blady, firm, sl. carb, occ. mottled plant mat, sl calc. Ls: cream, micro xln, dense, sl marl, occ fos frag, NSOC.

Ls: off white, cream, micro xln, r pp vuggy por, no vis matrix, occ. foss frag. Chert: bony white, opaque-semi trans, sharp conchoidal frac. NSOC.

Ls: cream, white, buff, micro xln, occ. pp vuggy por, NSOC.

Ls: grey-brown, buff, micro xln, earth tex, argilaceous, occ fos frag, no vis sec por, NSOC. Sh: grey-med grey, sub platy, occ. sl gritty, sl. calc, mod firm.

Ls: buff, cream, micro xln, no vis por, trc packstone, no vis sec por, trc grey semi trans chert, sl-mod marl cont, NSOC.

Ls: cream, white, grey brown, micro xln, trc oolitic grainstone (brown), no sec por, trc chert, NSOC.

Ls: cream, micro xln, dense, no vis por, trc. white opaque chert, NSOC. Sh: med grey, platy, mod calc, sl. carb/.

Ls: cream, micro xln, occ pp vuggy por, sl. marl cont, abdnt chert, white opaque-trans)(few spicules), occ. fossil frag (fusulinids), NSOC,

Ls: cream, micro xln, dense, scatt vugs, occ. (10-20%) v. fn oolitic (<200microns),poorly std, fair-good scat sec por, abdnt marl, no odor, stain, or cut.

Ls: cream, miocro xln, occ. oolitic a/a, most densew/ no vis por, abdnt marl. rr scat pp vug. NSOC.

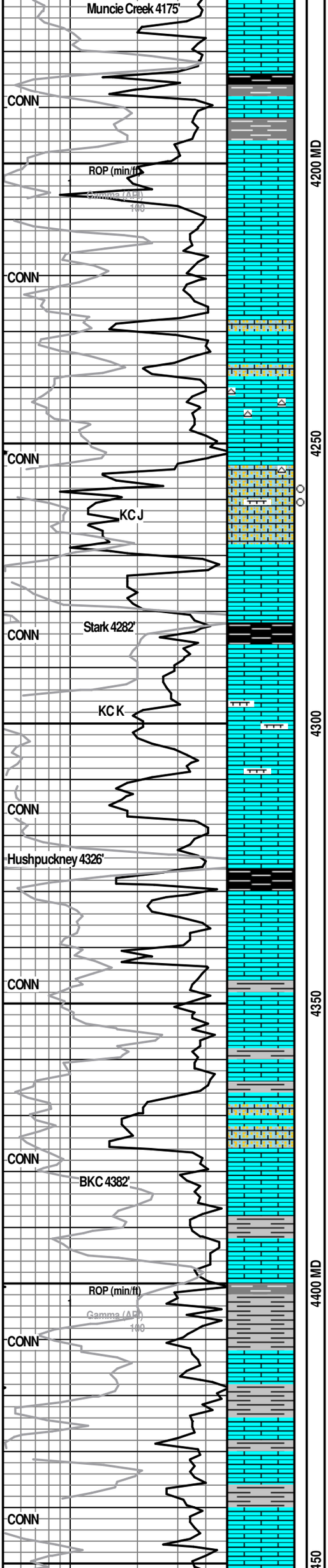
Ls: lt grey, cream, sl arg, very dense, micro xln, no vis por, sl marl, occ. chert, NSOC.
6% dk grey-black shale, mod firm, subplaty-platy, sl carb

Mudco check:
MW 9.45
VIS 48
PH 10.5
FILTRATE 7.2
CHLORIDES 4400ppm
1# LCM

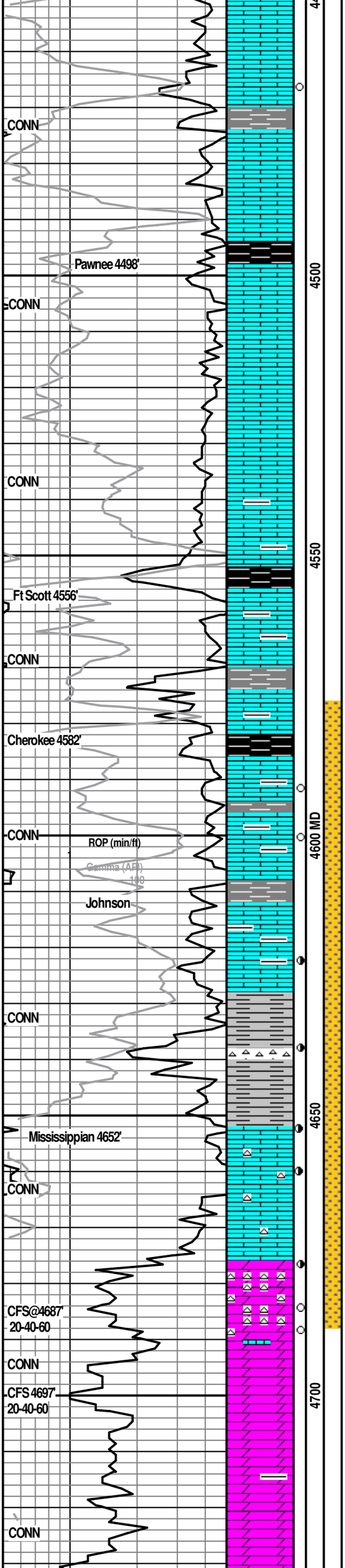
Bit trip @ 4095'
7 7/8" pdc to 7 7/8" tri-cone.
Survey @ 2.75 degrees.

Pipe Strap (Bit Trip):
Board: 4125.74
Strap: 4123.94
Diff: 1.8' short.

Survey @ 4156
2.5 degrees.



	5%dk grey-black shale, mod firm, subplaty-platy, sl. carb. Ls, cream, grey, micro xln, rr coarse sparry sec calcite along fractures, no vis por. Trc bony white chert w/spicule & ostracods?, NSOC	MW 9.3 VIS 54 1# LCM
	Ls: grey-brown, cream, micro xln, earthy text, occ vf xln, occ fossil frag, very dense, mod arg, no vis por, NSOC. Sh: med-dk grey subplaty, sl. calc, sl. carb. Incr black shale A/A.	
	Ls: cream, grey, lt brown, micro xln, lith tex, no vis por, occ. foss frag, sl. cherty, NSOC	
	Ls: cream, lt gey, crypto xln, no vis por, earth tex, occ. fossil frag, NSFOC. Grey shale, platy, mod firm.	
	Ls: cream, micro xln, smooth text, no vis por, ind. rr sparry calcite xls, no vis por, NSOC.	
	Ls cream, micro xln, very dense a/a. 10% oolitic grainston <250 microns, well std, oomoldic-poor sec por, no stain or odor.	
	Ls: cream, grey, micro xln, occ. chert, no vis por, trc oolitic grainstone A/A. NSOC.	
	Ls: cream, micro xln, dense, no vis por, trc drk brown oolitc chert,400-500 micron ooids, few chert white w/ sponge spicules.	MW 9.4 VIS 52 1# LCM
	Ls: cream, off white, oolitic graintsone, <300microns, sl-mod marl, poor scatd pp sec por, NSOC. Chert A/A.	
	Oolitic ls: cream, white, 250-350 microns, poor secondary castic por, mod hvy marl content, faint odor, 2-3 cuttings w/r. dead scat stain, no show free oil or cut.	
	Ls: cream, grey light brown, dense, micro xln, no vis por, sl. arg, NSOC.	
	Ls: cream-grey, micro xln, dense, mod arg,no vis inxl por, NSOC. %5 Black shale, platy, firm, carb.	
	Ls, cream, bufff, micro xln, dense, mod arg, no vis por, NSOC. 5-10% Black and dk grey shale A/.A.	Survey @4284' 1.5 degrees
	Ls: cream , grey, micro xln, occ oolitic 400-500 micron ooids, no sec por, dense,hvy marl cont, NSOC.	MW 9.5 VIS 50 1# LCM
	Ls: cream, lt. grey, micro xln, dense, no vis por, occ oolitic, a/a,mod-hvy marl, NSOC.	
	Ls, cream, micro xln mat, dense,sl. marl ,good scat vuggy por, NSOC.	
	Black Shale: firm platy, mod carb. Ls: cream-grey, micro xln, sl arg, no vis por, occ. foss frag, NSOC.	
	Ls: cream, blue-grey, micro xln, litho tex, no vis por, NSOC.	
	Ls: lt grey-brown, buff,micro xln, occ. r pp isolated vug, sl. arg, sl. cherty, no inxl por, NSOC.	
	Oolitic ls: ooids <250microns, well std, no vis sec por or inxl por, mod-hvy marl, mod brittle, NSOC.	MW 9.4 VIS 47 1# LCM
	Ls: grey-brown, cream, buff, micro xln, sl. cherty, no vis por, dense, NSOC	
	Ls: brown, cream, micro xln, no vis por, cherty, litho text, mod marl. Shale, med-dk grey, calcareous, dense, platy.	
	Ls: grey, cream, brown, micro xln, arg, no vis por, occ. pyrite and chert. Sh: med grey, platy-non platy, occ soft, non calc.	
	Sh: med-dk grey, platy, firm, few lt grey, soft, leaving grey wash. Ls: grey-brown, micro xln, no vis por, v dense, NSOC.	Mudco check: MW 9.4 VIS 48 PH 11 FILTRATE 7.2 CHLORIDES 4700ppm 1# LCM
	Ls: cream, grey-brown, micro xln, arg, no vis por, NSOC. Sh: grey, dk grey, maroon, brick red.	
	Ls: cream, grey, dense, micro xln, mod marl, no vis por, NSOC,	
	Ls: cream, lt grey, micro xln, v. dens, sharp even frac, trc marl cont, trc. white chert, no vis por, NSOC.	MW 9.1 VIS 46 1# LCM



Ls: lt grey, micro xln, sl. arg, sharp frac, dense, no vis por, rr fossil frag, NSOC.

Ls: cream, grey, micro xln, sl marl, <10 cuttings w/ scattered/poor vf xln sec por, spotty dead oil stain, no free oil or odor.

Shale: dk grey, maroon, firm platy/blady, mod calc, sl. carb.
Ls: Cream, micro xln, sharp frac, no vis por, sl marl, NSOC.

MW 9.4
Vis 46
1# LCM

Ls: cream, micro xln, no vis por, sl. cherty, occ. fossil frag, NSOC.

Dk grey-black shale: platy, mod firm, sl calc. Ls: cream micro xln, occ rr pp vug, no vis inxl por, NSOC.

Ls: cream, grey, micro xln, no vis por, occ fossil frag, fusulinids, very dense, sharp frac, NSOC.

Ls: grey-brown, micro xln, mod arg, no vis por, rr fossil frag, NSOC. Sh: med grey-green, soft, sub platy.

Ls: dk grey w/brown tint, mod-hvy arg, no vis por, very dense, NSOC.

Ls: med grey, beige, micro xln, no vis por, occ. pyrite incl, mod-hvy arg, NSOC.

Ls: brown, grey-dk grey, hvy arg, miocro xln, no vis por. 10% Dark grey-black shale, platy, very firm, calcareous, dense.

Flood black shale: mod firm, sub platy-polaty, very carbonaceous, sl calc, sweet gasy odor.

Ls: meg grey brown, desne, hvy arg, micro xln, 2-3 cuttings oolitic grain ston, no sec por, NSOC. 50% black shale and med grey shale.

Ls: grey brown, micro xln, mod-hvy arg, no vis por, v dense, NSOC. Sh: med-dk grey, sub platy, firm.

Ls: lt-med grey, micro xln, no vis por, v.dense, sl. med grey chert, no vis por, no stain or free oil. 30% black shale: platy firm, carb, fair gassy oil odor in cup.

Ls: lt-med grey, occ. lt brown, one cutting w/ vfxln p por and lt oil stain, no free oil, reaminder is dense, micro xln, arg, no por NSOC, no odor.

MW 9.3
Vis 53
2# LCM

Ls:lt-med grey, micro xln, no vis por, mod arg, 3-4 cuttings a/a w/ scattered uneven vfxl pp por, very light oil stain, no free oil or cut, very faint questionable odor in cup.

Ls: lt grey-cream, micro xln, sl-mod arg, no vis por, NSOC. Sh: lt-med grey sub platy, smooth, soft, non calc, sub platy-non platy.
Ls: lt grey, micro xln, occ. scattered fn xln sec por among sctd pp vugs, very p tot por, dense matrix, sctd dk oil stain, vssfo upon crush, faint odor, scattered very slow milky cut.

MW 9.3
Vis 51
2# LCM

4640 smpl: Ls, grey, micro xln, poor scat vuggy por, sl scat stain aa, NSFO, questionable odor. Few shales: grey, green, maroon.

MW 9.4
VIS 50
2# LCM

4650 smpl: Chert clear-white, grey, semi trans, few with pyrite, spotty oil stain, ssfo, 2 droplets in tray, faint-fair odor. Sh: green, maroon, sub platy, non calc.

4660 smpl: Dolomitic ls: grey, micro xln, occ scattered (few even) pp vugs, scattered staining, few with dk black stain, very slow reaction to acid, vssfo, faint odor, Abdnt pyrite and teal shale in sample.

DST #1
4576-4687
30-30-30-30
IFP:24-102psi
ISIP:1385psi
FFP:104-128psi
FSIP: 1368psi
BHT:125
Rec: 200' MCW (20%W), 40' SOCM (3%O), 3' OIL

4670 smpl: cherty dolomiotic ls, micro xln, 25% dense matrix w/scat pp vugs, minimal por, dense, fair scat staining, ssfo, fair odor. Few loose quartz sand grains.

4680 smpl(lag 4672): Dolomitic ls, 5-10% a/a,stain, fair odor, poor-fair scattered vuggy por.

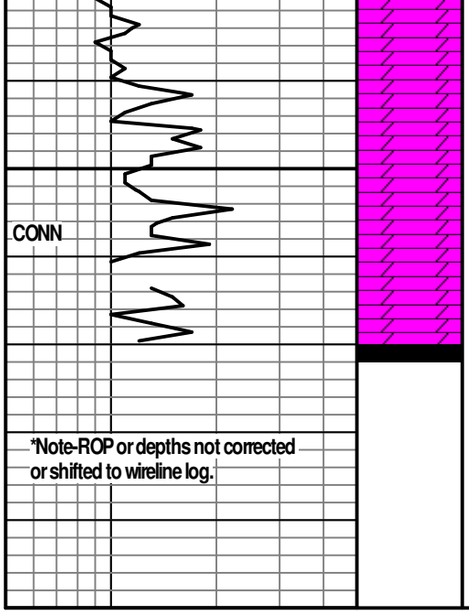
4687' cfs: Dolo: fn-micro xln mtrx, poor inxl por, fair-good vuggy por, 20-30% chert, (no edge stain),trc pyrite. 20" sample-fair-good odor, 10% patchy stain, vssfo, 40"sample: faint odor, 5% patchy stain, nsfo. 60" sample, faint odor, 5% patchy stain.

4697' CFS: Dolo: cream, fn xln, scatd pp vuggy por, abdnt bony white chert (20%), occ. pyrite, green shale, rare patchy sctd stain, very faint oil/sulfur odor. No show free oil.

4720 smpl: Dolo, cream, off white, fn xln, occ. pp vug, poor vis inxl por, abdnt bony white chert, NSOC.

Mudco check:
MW 9.4
VIS 61
PH 10
FILTRATE 8

4730 smpl: Dolo: cream, off white, fn xln, non arg, good inxl



4750

MD

and vuggy por, abdnt white chert, NSFOC.

4740 smpl: Dolo cream, off white, fn xln, abdnt white chert w/spicules, gd por, NSFOC.

4750 smpl: Dolo: a/a, few beige, trc teal shale, NSFOC.

4760 smpl: Dolo, cream, beige, fn xln, good vuggy and inxl por, abdnt white chert a/a. NSFOC.

4770 smpl: cream, beige, fn xln, good vis por, NSOC. Abdnt chert a.a.

RTD:4770' @9:40AM 1/20/22 LTD: 4769'

FILTRATE 6
CHLORIDES 3400
1# LCM

1/20/22-6:00pm Completed logging operations. Geologist released from well.

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St
Newton KS 67114+8827

ATTN: Chad Counts

Unforgiven #1

8-22S-23W Hodgeman,KS

Start Date: 2022.01.19 @ 16:50:00
End Date: 2022.01.20 @ 00:45:07
Job Ticket #: 67867 DST #: 1

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

Printed: 2022.01.20 @ 11:48:25

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th St
New ton KS 67114+8827

ATTN: Chad Counts

8-22S-23W Hodgeman,KS

Unforgiven #1

Job Ticket: 67867 **DST#: 1**

Test Start: 2022.01.19 @ 16:50:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:59:52
Time Test Ended: 00:45:07

Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84

Interval: 4576.00 ft (KB) To 4587.00 ft (KB) (TVD)
Total Depth: 4687.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

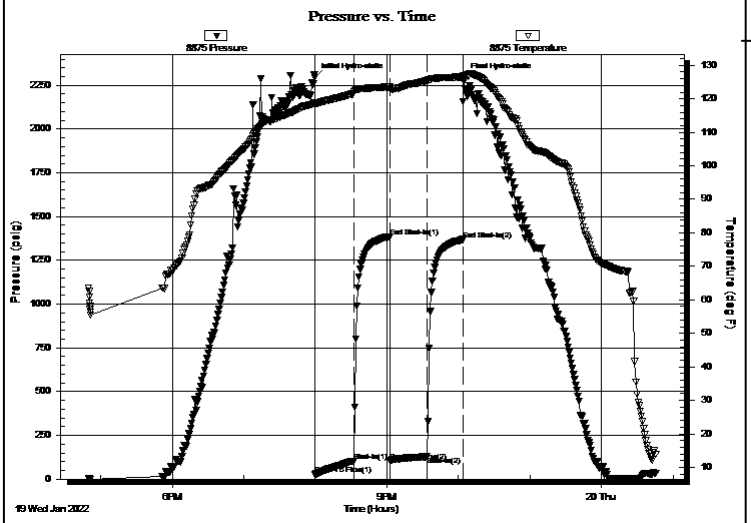
Reference Elevations: 2393.00 ft (KB)
2381.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8875 **Inside**

Press@RunDepth: 128.55 psig @ 4580.00 ft (KB)
Start Date: 2022.01.19 End Date: 2022.01.20
Start Time: 16:50:01 End Time: 00:45:07

Capacity: psig
Last Calib.: 2022.01.20
Time On Btm: 2022.01.19 @ 19:59:42
Time Off Btm: 2022.01.19 @ 22:04:32

TEST COMMENT: 30-IF-Surface to 2"
30-ISI-No Return
30-FF-Surface to 1.5"
30-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2294.47	118.87	Initial Hydro-static
1	24.69	118.22	Open To Flow (1)
33	102.49	122.10	Shut-In(1)
63	1385.00	123.54	End Shut-In(1)
63	104.20	122.92	Open To Flow (2)
95	128.55	125.50	Shut-In(2)
124	1368.57	126.55	End Shut-In(2)
125	2294.39	126.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
200.00	MCW w/oil spots 20%W 80%M	1.21
40.00	SOCM 3%O 97%M	0.57
3.00	Oil 100%O	0.04

Gas Rates

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

DRILL STEM TEST REPORT

Palomino Petroleum Inc

4924 SE 84th St
New ton KS 67114+8827

ATTN: Chad Counts

8-22S-23W Hodgeman,KS

Unforgiven #1

Job Ticket: 67867 **DST#: 1**

Test Start: 2022.01.19 @ 16:50:00

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 19:59:52
Time Test Ended: 00:45:07

Test Type: Conventional Bottom Hole (Initial)
Tester: Spencer J Staab
Unit No: 84

Interval: 4576.00 ft (KB) To 4587.00 ft (KB) (TVD)
Total Depth: 4687.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

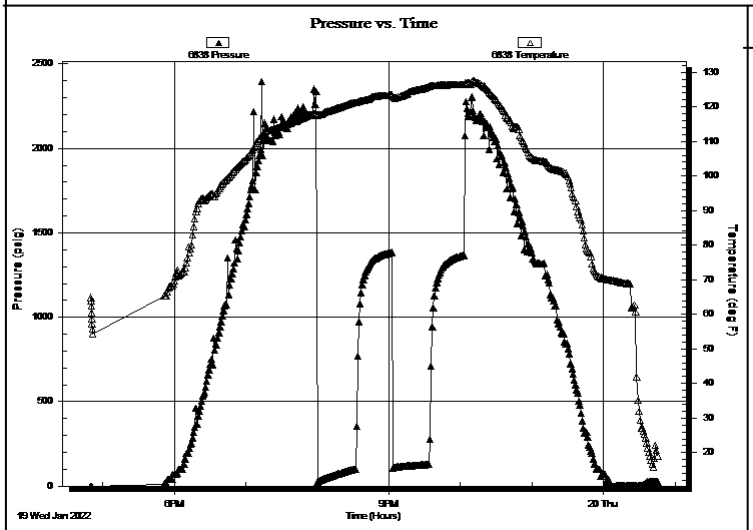
Reference Elevations: 2393.00 ft (KB)
2381.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6838 **Inside**

Press@RunDepth: psig @ 4580.00 ft (KB)
Start Date: 2022.01.19 End Date: 2022.01.20
Start Time: 16:50:01 End Time: 00:45:07

Capacity: psig
Last Calib.: 2022.01.20
Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-Surface to 2"
30-ISI-No Return
30-FF-Surface to 1.5"
30-FSI-No Return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
200.00	MCW w/oil spots 20%W 80%M	1.21
40.00	SOCM 3%O 97%M	0.57
3.00	Oil 100%O	0.04

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

4924 SE 84th St
New ton KS 67114+8827

ATTN: Chad Counts

8-22S-23W Hodgeman,KS

Unforgiven #1

Job Ticket: 67867 **DST#: 1**

Test Start: 2022.01.19 @ 16:50:00

Tool Information

Drill Pipe:	Length:	4375.00 ft	Diameter:	3.82	inches	Volume:	62.02	bbl	
Heavy Wt. Pipe:	Length:	ft	Diameter:	2.75	inches	Volume:	-	bbl	
Drill Collar:	Length:	176.00 ft	Diameter:	2.25	inches	Volume:	0.87	bbl	
						Total Volume:	-	bbl	

Drill Pipe Above KB:	7.00 ft
Depth to Top Packer:	4576.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	111.00 ft
Tool Length:	143.00 ft
Number of Packers:	1 Diameter: 6.75 inches

Tool Weight:		2500.00 daN
Weight set on Packer:		25000.00 daN
Weight to Pull Loose:		87000.00 daN
Tool Chased		ft
String Weight:	Initial	74000.00 daN
	Final	74000.00 daN

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			4545.00		
Shut In Tool	5.00			4550.00		
Hydraulic tool	5.00			4555.00		
Jars	5.00			4560.00		
Gap Sub	4.00			4564.00		
Safety Joint	3.00			4567.00		
Packer	5.00			4572.00	32.00	Bottom Of Top Packer
Packer	4.00			4576.00		
Stubb	1.00			4577.00		
Perforations	2.00			4579.00		
Change Over Sub	1.00			4580.00		
Recorder	0.00	6838	Inside	4580.00		
Recorder	0.00	8875	Inside	4580.00		
Drill Pipe	94.00			4674.00		
Change Over Sub	1.00			4675.00		
Perforations	9.00			4684.00		
Bullnose	3.00			4687.00	111.00	Bottom Packers & Anchor
Total Tool Length:	**143.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

4924 SE 84th St
New ton KS 67114+8827

ATTN: Chad Counts

8-22S-23W Hodgeman,KS

Unforgiven #1

Job Ticket: 67867 **DST#: 1**

Test Start: 2022.01.19 @ 16:50:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	31000 ppm
Viscosity:	55.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	7.20 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3800.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	MCW w /oil spots 20%W 80%M	1.206
40.00	SOCM 3%O 97%M	0.567
3.00	Oil 100%O	0.043

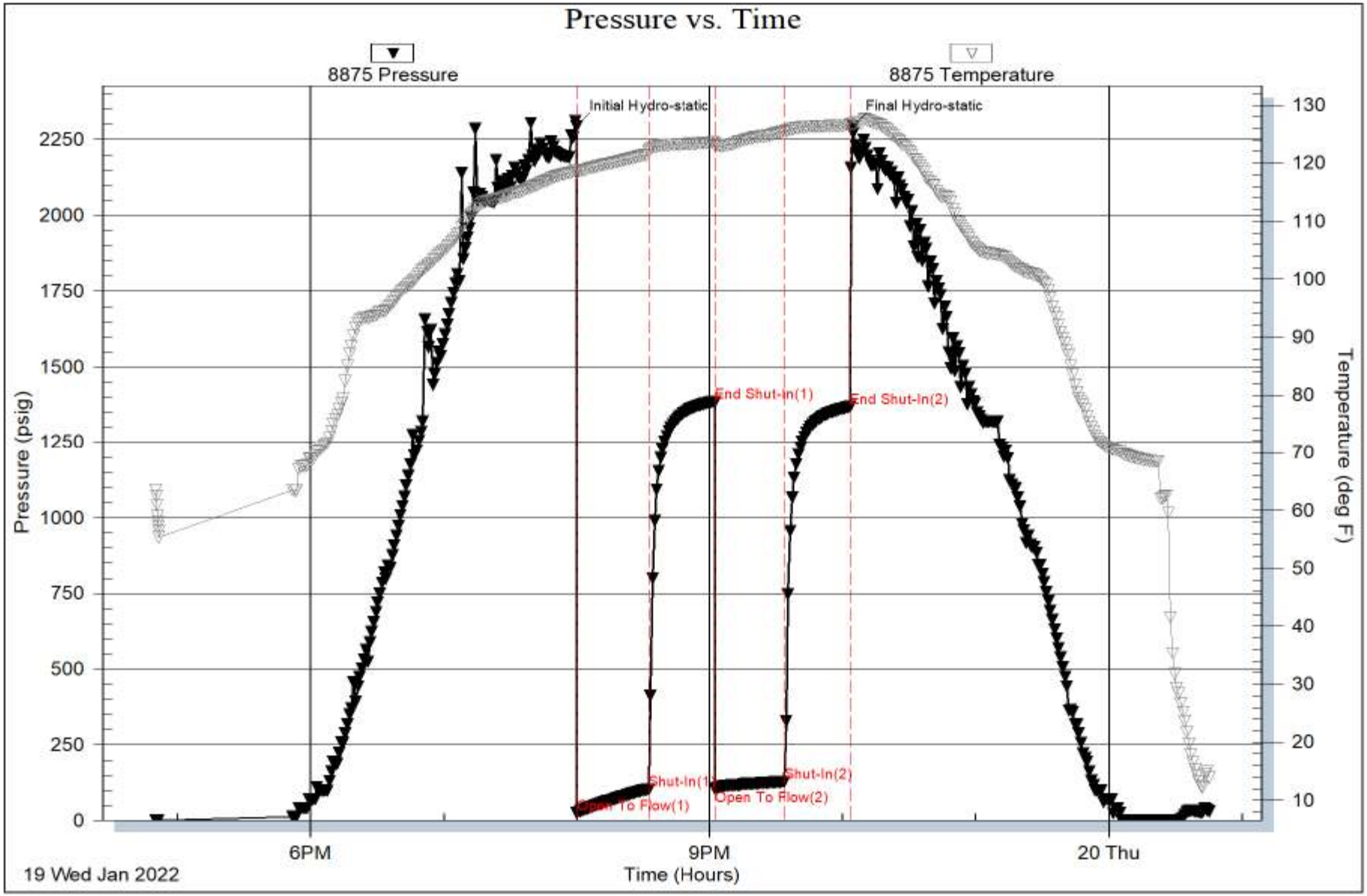
Total Length: 243.00 ft Total Volume: 1.816 bbl

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

Laboratory Name: Laboratory Location:

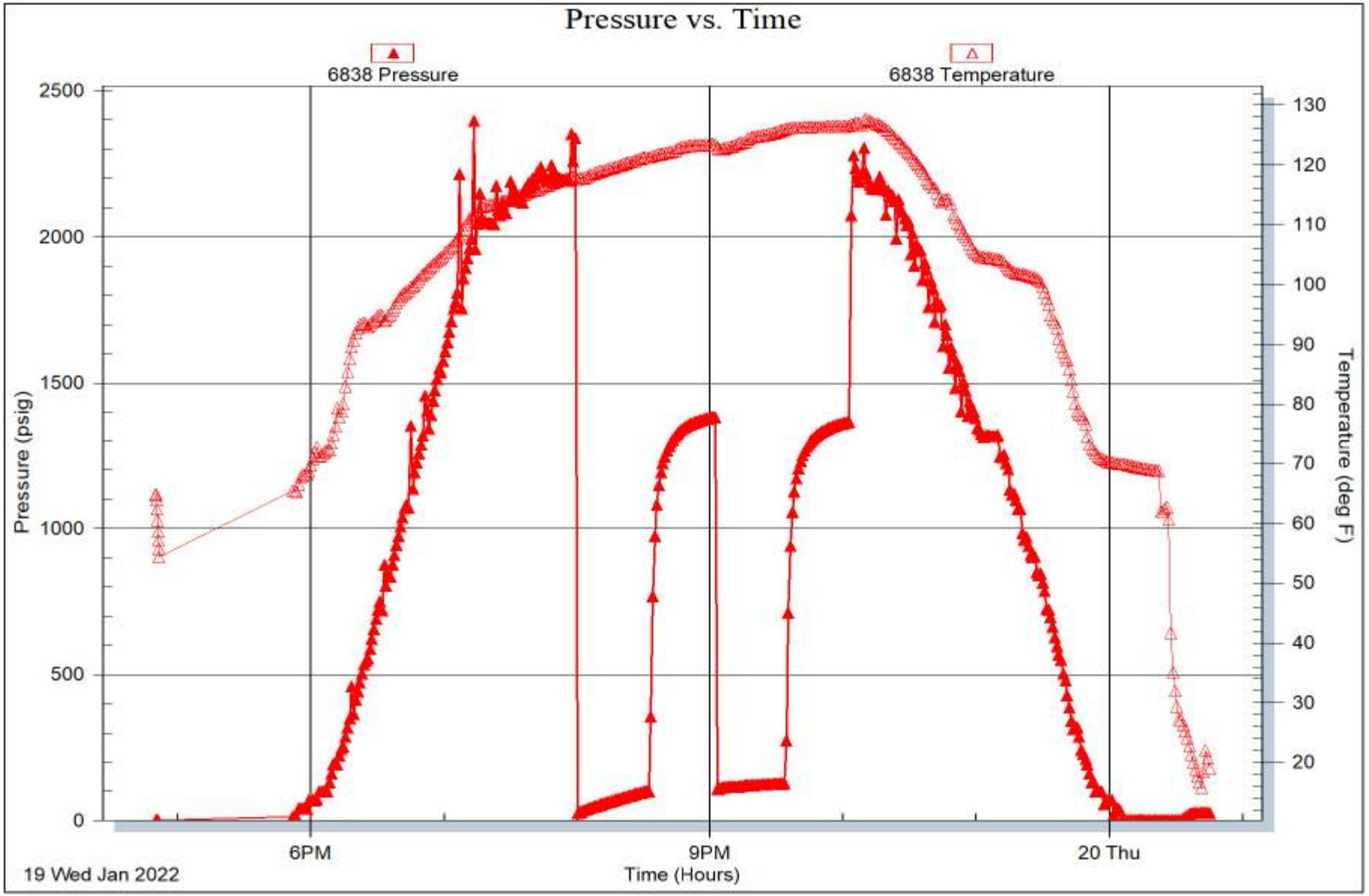
Recovery Comments: 2#LCM
RW=.643@7F

Serial #: 8875 **Inside** Palomino Petroleum Inc Unforgiven #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 67867 Printed: 2022.01.20 @ 11:48:26

Serial #: 6838 **Inside** Palomino Petroleum Inc Unforgiven #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 67867 Printed: 2022.01.20 @ 11:48:26

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 67867

Well Name & No. Unforgiven #1 Test No. 1 Date 01/19/2022

Company Paloma Petroleum Inc Elevation ____ KB ____ GL

Address 4924 SE 84th St Newton Ks 67114+8827

Co. Rep / Geo. Chad Counts Rig Fossil #3

Location: Sec. 8 Twp 22s Rge. 23w Co. Hodgeman State Ks

Interval Tested 4576' - 4687' Zone Tested Mississippi

Anchor Length 111' Drill Pipe Run 4375' Mud Wt. 9.4

Top Packer Depth 4571' Drill Collars Run 176' Vis 55

Bottom Packer Depth 4576' Wt. Pipe Run — WL 7.2

Total Depth 4687 Chlorides 3800 ppm System LCM 2#

Blow Description 17-Surface to 2"
ISI- No Return
77-Surface to 1½"
75I No Return

Rec 200'	Feet of WCM w/o.1 spots	%gas	%oil 20	%water 80	%mud
Rec 40'	Feet of SOCM	%gas 3	%oil	%water 97	%mud
Rec 3'	Feet of Oil	%gas 100	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 243 BHT 126° Gravity — API RW .643 @ 7 °F Chlorides 31,000 ppm

(A) Initial Hydrostatic 2294	☒ Test 1450	T-On Location 12:12
(B) First Initial Flow 24	☒ Jars 250	T-Started 16:50
(C) First Final Flow 102	☒ Safety Joint 75	T-Open 19:59
(D) Initial Shut-In 1385	☐ Circ Sub	T-Pulled 21:59
(E) Second Initial Flow 104	☒ Hourly Standby x2 200	T-Out 00:44 01/20/2022
(F) Second Final Flow 128	☒ Mileage 160 x 2 150rt 375	Comments supposed to be on bank @ 1:30-2 pm loaded @ 10:00 01/20/2022
(G) Final Shut-In 1368	☐ Sampler	
(H) Final Hydrostatic 2294	☐ Straddle	☒ EM Tool 350 1/2 NS
	☐ Shale Packer	☐ Ruined Shale Packer
Initial Open 30	☐ Extra Packer	☐ Ruined Packer
Initial Shut-In 30	☐ Extra Recorder	☐ Extra Copies
Final Flow 30	☐ Day Standby	Sub Total 0
Final Shut-In 30	☐ Accessibility	Total 2350
	Sub Total 2350	MP/DST Disc't

Approved By ____ Our Representative [signature] Thanks!

785-259-0056

FRANKS Oilfield Service, LLC

815 Main Street
Victoria, KS 67671
Email: franksoilfield@yahoo.com
Office (785) 639-3949
24 Hour Service Line (785) 639-7269

Invoice

Date	Invoice #
1/12/2022	0495

Please Pay from this Invoice.
Remit Payment to:
815 Main Street
Victoria, KS 67671
Billing Questions-Call Tianna at
(785) 639-3949

Bill To

Palomino Petroleum, Inc
4924 SE 84th St
Newton, KS 67114-8827

County/State	Lease/Well#	Terms	Job Type
Hodgeman County, ...	Unforgiven #1	Net 30	Surface

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	100	6.50	650.00
7.4 tons at 100 miles	740	1.50	1,110.00
Class A 3%cal 2% gel	150	24.50	3,675.00T
Discount		-1,317.00	-1,317.00

cement for surface for #1

Thank You! 1/12

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.

We appreciate your busines and look forward to serving you again!

Subtotal	$5,268.00
Sales Tax (7.65%)	$224.91
Balance Due	$5,492.91

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0495
LOCATION Hoxie
FOREMAN Preston

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-12-22		Unforgiven #1	8	22S	23W	Hodgeman

CUSTOMER: Palomino Petroleum, Inc.
MAILING ADDRESS:
CITY: STATE: ZIP CODE:

TRUCK #	DRIVER	TRUCK #	DRIVER
101	Preston D		
	Jace M		
	Nathan		

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 235' CASING SIZE & WEIGHT 8 5/8" 23#
CASING DEPTH 227' DRILL PIPE TUBING OTHER
SLURRY WEIGHT 15.2# SLURRY VOL 1.33 WATER gal/sk CEMENT LEFT in CASING 15'
DISPLACEMENT 13.25 DISPLACEMENT PSI MIX PSI RATE

REMARKS: Safety meeting. Rig up on Fossil Drilling Rig #3. Run 5 jts of 8 5/8". Circ. hole. MIX 150 sacks. Displace w/ 13 1/4 Bbls. Cement did circulate.

Thank you!

Ron + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC002	1	PUMP CHARGE	$1150.00	$1150.00
M001	100	MILEAGE	$4.50	$450.00
M003	7.4 tons	Ton mileage Delivery	$1110.00	$1110.00
CB004	150 sacks	Class A 3% C.C. 2% Gel	$24.50	$3675.00
			sub total	$4585.00
		less 28% disc.		$1317.00
			sub total	$3268.00
			SALES TAX	$224.91
			ESTIMATED TOTAL	$5492.91

AUTHORIZATION Dale Thompson TITLE DATE

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.