

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 |
|--|---|

| 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) (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: | |
|----------------|-------|---------|------------|--|



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: 8/8/2022
 Invoice #: 0362644
 Lease Name: Rodeo Time
 Well #: 1 (New)
 County: Ness, Ks
 Job Number: WP3198
 District: Oakley

| Date/Description | HRS/QTY | Rate | Total |
|--------------------------|-----------|-----------|----------|
| Surface | 0.000 | 0.000 | 0.00 |
| H-325 | 175.000 | 22.500 | 3,937.50 |
| H-CON | 140.000 | 25.000 | 3,500.00 |
| Light Eq Mileage | 65.000 | 2.000 | 130.00 |
| Heavy Eq Mileage | 130.000 | 4.000 | 520.00 |
| Ton Mileage | 1,034.000 | 1.500 | 1,551.00 |
| Service Supervisor | 1.000 | 275.000 | 275.00 |
| Cement Blending & Mixing | 315.000 | 1.400 | 441.00 |
| Depth Charge 501'-1000' | 1.000 | 1,250.000 | 1,250.00 |
| 8 5/8" Top rubber plug | 1.000 | 175.000 | 175.00 |
| Cement Data Acquisition | 1.000 | 250.000 | 250.00 |
| Cement plug container | 1.000 | 250.000 | 250.00 |

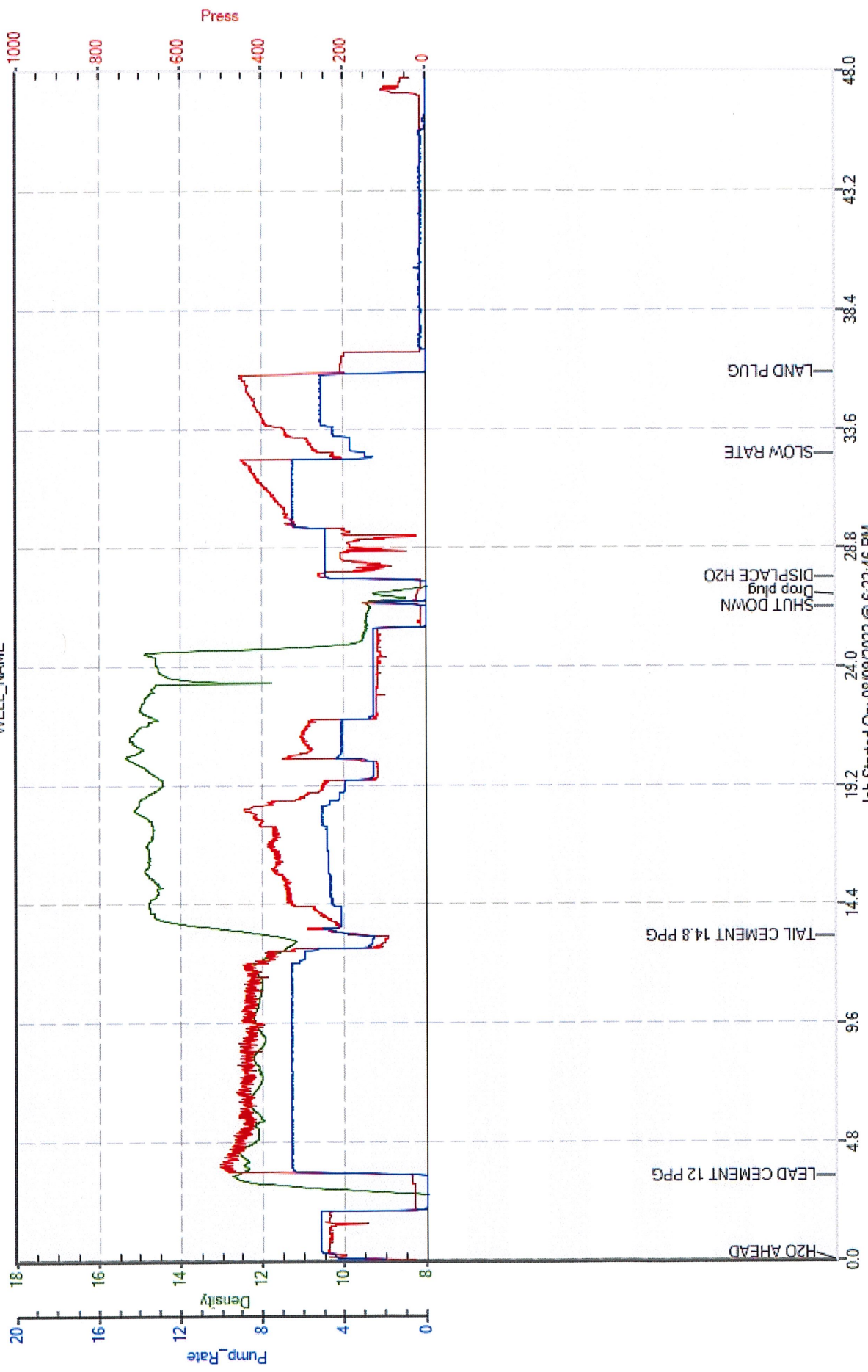
Total 12,279.50

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!

Palomino
WELL_NAME



Job Started On: 08/09/2022 @ 6:22:46 PM

SWIFT



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

Invoice

| | |
|-----------|-----------|
| DATE | INVOICE # |
| 8/16/2022 | 34493 |

BY: _____

BILL TO

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

- Acidizing
- Cement
- Tool Rental

| TERMS | Well No. | Lease | County | Contractor | Well Type | Well Category | Job Purpose | Operator |
|------------|--|------------|--------|------------|-----------|---------------|------------------|-----------|
| Net 30 | #1 | Rodeo Time | Ness | Duke Drlg | Oil | Development | 5 1/2 Longstring | Preston |
| PRICE REF. | DESCRIPTION | | | | QTY | UM | UNIT PRICE | AMOUNT |
| 575D | Mileage - 1 Way | | | | 35 | Miles | 7.00 | 245.00 |
| 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 |
| 403-5 | 5 1/2" Cement Basket | | | | 1 | Each | 300.00 | 300.00T |
| 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 | | | | 9 | Each | 100.00 | 900.00T |
| 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) | | | | 4 | Gallon(s) | 25.00 | 100.00T |
| 290 | D-Air | | | | 4 | Gallon(s) | 42.00 | 168.00T |
| 581D | Service Charge Cement | | | | 225 | Sacks | 2.00 | 450.00 |
| 583D | Drayage | | | | 402 | Ton Miles | 1.00 | 402.00 |
| | Subtotal | | | | | | | 13,102.50 |
| | Sales Tax Ness County | | | | | | 6.50% | 676.36 |

Cement for long string for #1
8/16

| | | |
|-------------------------------------|--------------|-------------|
| We Appreciate Your Business! | Total | \$13,778.86 |
|-------------------------------------|--------------|-------------|



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

TICKET CONTINUATION

TICKET No. **34493**

CUSTOMER *Palomino Petroleum* WELL *Rodeo Time #1* DATE *8-16-22* PAGE *2* OF *2*

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING | | | TIME | DESCRIPTION | QTY. | | U/M | | UNIT PRICE | AMOUNT |
|-----------------|-------------------------------------|------------|--------------|----|------|----------------|-------|-----|-----------|-----|------------|---------|
| | | LOC | ACCT | DF | | | QTY. | U/M | QTY. | U/M | | |
| 325 | | 1 | | | | STD Cement | 100 | SKS | | | 15.00 | 1500.00 |
| 284 | | 1 | | | | Calseal | 5 | SKS | | | 50.00 | 250.00 |
| 283 | | 1 | | | | Salt | 500 | Lbs | | | 0.25 | 125.00 |
| 285 | | 1 | | | | CFR-1 | 50 | Lbs | | | 6.00 | 300.00 |
| 276 | | 1 | | | | Flacole | 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 | 4 | gal | | | 25.00 | 100.00 |
| 290 | | 1 | | | | D-Air | 4 | gal | | | 42.00 | 168.00 |
| 581 | | 1 | | | | Service Charge | 225 | SK | | | 2.00 | 450.00 |
| 583 | | 1 | | | | Drayage | 23000 | Lbs | 402 | JM | 1.00 | 402.00 |
| SERVICE CHARGE | | | | | | CUBIC FEET | | | | | | |
| MILEAGE CHARGE | | | TOTAL WEIGHT | | | LOADED MILES | | | TON MILES | | | |

CONTINUATION TOTAL **6957.50**

JOB LOG

SWIFT Services, Inc.

DATE 8-16-22 PAGE NO. 1

| CUSTOMER | | WELL NO. | | LEASE | | JOB TYPE | | TICKET NO. | |
|--------------------|-------|------------|--------------------|------------|---|--------------------|--------|--|---|
| Robinson Petroleum | | #1 | | Rodeo Time | | long string 5 1/2" | | 34493 | |
| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS | |
| | | | | T | C | TUBING | CASING | | |
| | 14:45 | | | | | | | | ON location 5 1/2" 14# RTD 4690' LTD 4690' set @ 4687' shoe 42.20 PC 2108' collar #62 Basket 2150 Turbo lizers 1,2,3,4,5,6,7,8, 63 |
| | 15:30 | | | | | | | | start 5 1/2" 14# csg in well |
| | 17:30 | | | | | | | | drop ball + circulate |
| | 18:35 | 3.5 | 12 | | ✓ | | | | mix Flush |
| | | 3.5 | 20 | | ✓ | | | | KCL spacer |
| | | 3 | 19 | | | | | | plug RH 45 MH 20 |
| | | 4 | 29 | | ✓ | 200 | | | SMD 25 SKS |
| | | 4 | 24 | | ✓ | 200 | | | EA 2 100 SKS |
| | 19:20 | | | | | | | | wash out pump lines |
| | 19:25 | 6 | 0- | | ✓ | 200 | | | start displacement |
| | | 6 | 87 | | ✓ | 300 | | | lift psi |
| | | | 112 | | ✓ | 800 | | | max lift psi |
| | 19:45 | | 113 | | ✓ | 1800 | | | land plug |
| | 19:50 | | | | | | | | Wash Truck |
| | 20:20 | | | | | | | | Job Complete Thanks! Preston, Kirby, Isaac |
| | | | | | | | | | 125 SKS SMD (30 RH) (20 MH) (75 dH) 100 SKS EOD |



PALOMINO PETROLEUM, INC.

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

Well Name: Rodeo Time #1
API: 15-135-26184
Location: SW SE NE SE Sec 20 T16S R26W
License Number: 30742
Spud Date: 8/8/22
Surface Coordinates: 38.643764, -100.212664

Region: Ness
Drilling Completed: 8/14/22

**Bottom Hole
Coordinates:**
Ground Elevation (ft): 2648' **K.B. Elevation (ft): 2656'**
Logged Interval (ft): 3600' **To: 4690** **Total Depth (ft): 4690**
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

GEOLOGIST

Name: Chad Counts
Company: MG Oil Inc.
Address: P.O. Box 162
Russell, Ks 67665

Comments

The Rodeo Time #1 was drilled with Duke #2 drilling tools commencing 8-8-22, and drilling completed 8-15-22.

Structurally, all formations ran lower than prognosis, but yet encountered oil saturated reservoir up to 10' into the Mississippian. Owing to the positive DST #1 results; it was agreed upon by all parties to further test the well through 5 1/2" casing.

Respectfully Submitted,

Chad Counts

8/8/22 Moved in Duke Drilling Company, Inc. rotary tools (Rig #2). Spudded at 8:45 a.m. Ran 16 jts. new 8 5/8" 23# surface pipe set at 692.02' and cemented with 140 sacks H-Con and 175 sacks H-325. Cement did circulate. Plug down at 6:30 a.m. on 8/9/22.

8/9/22 Drilling at 699'.

8/10/22 Drilling at 2675'.

8/11/22 Drilling at 3440'.

8/12/22 Drilling at 4000'.

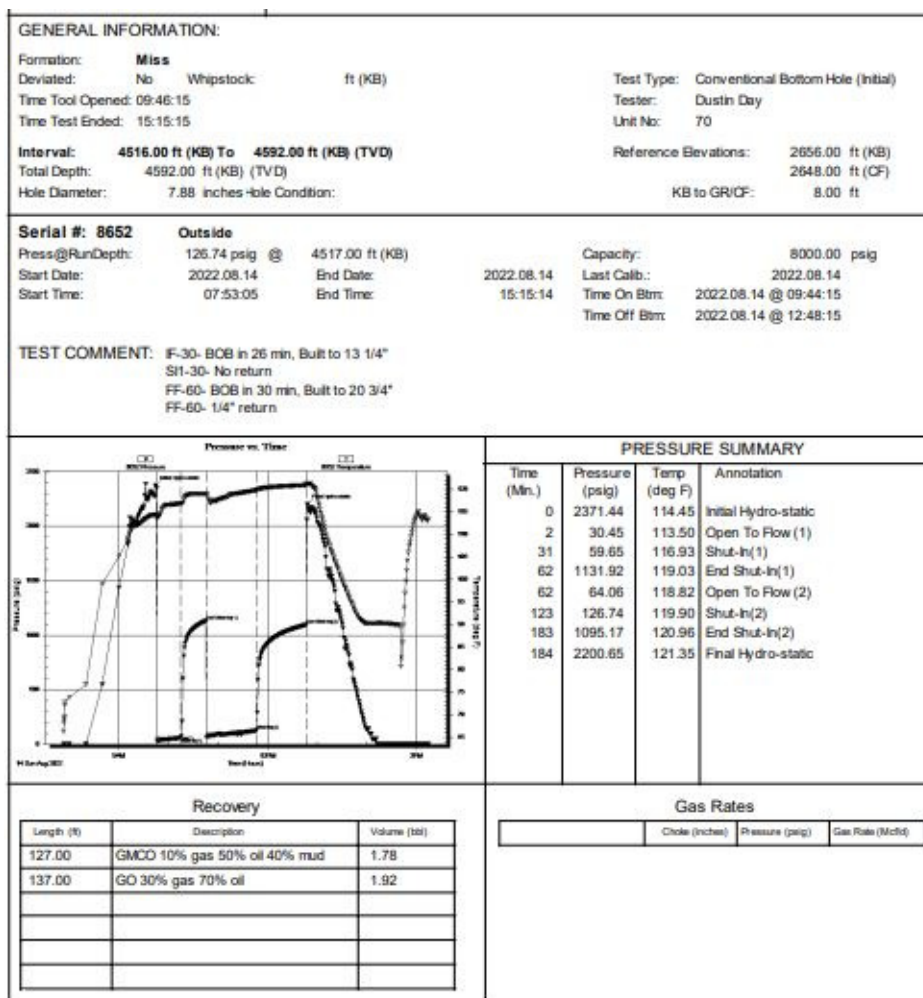
8/13/22 Drilling at 4360'.

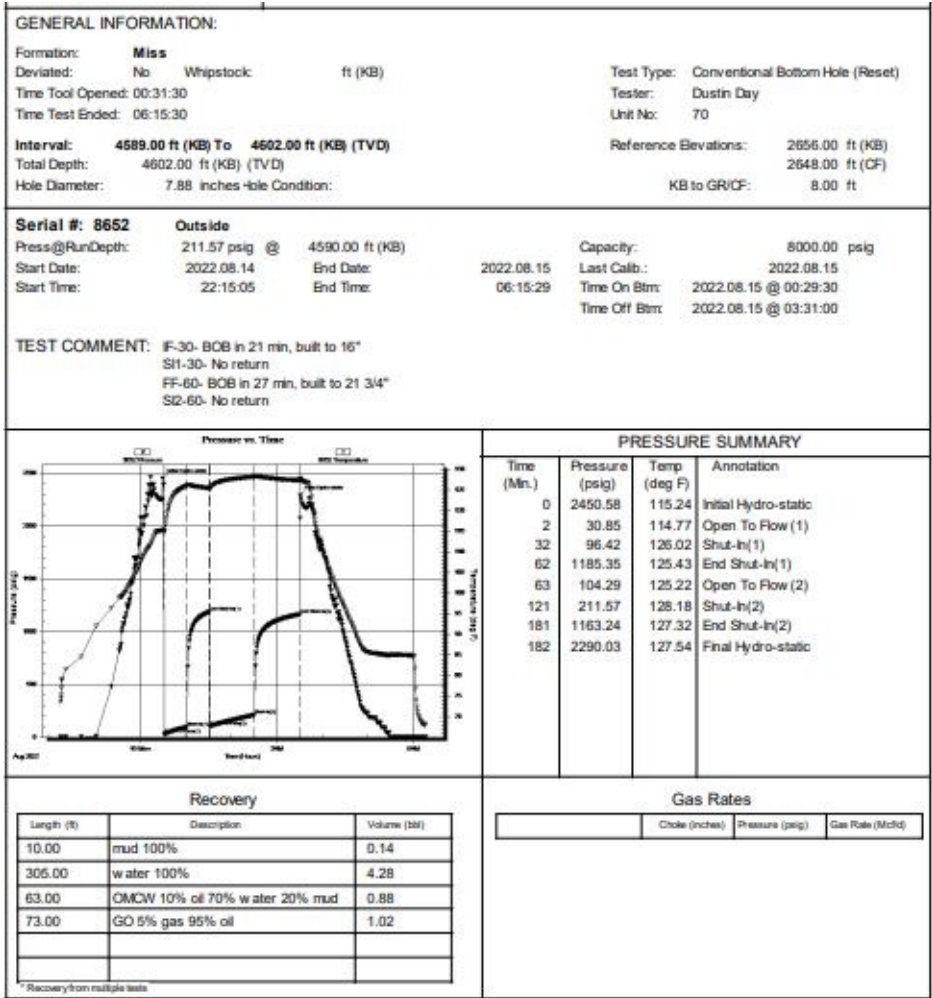
8/14/22 Drilling at 4592'. DST #1, DST #2:

8/15/22 Tripping in hole with bit at 4602'. Ran electric logs. DST #3: 4100-4230, 30-30-30-30, blow built to 2 1/2" on initial flow period, no blow on final flow period, rec. 40' mud, FP 31-35; 37-43; SIP 1087-984; HP 2219-2049.

8/16/22 Tripping in hole with nozzleless bit at 4690'.

DSTS





ROCK TYPES

LITHOLOGY

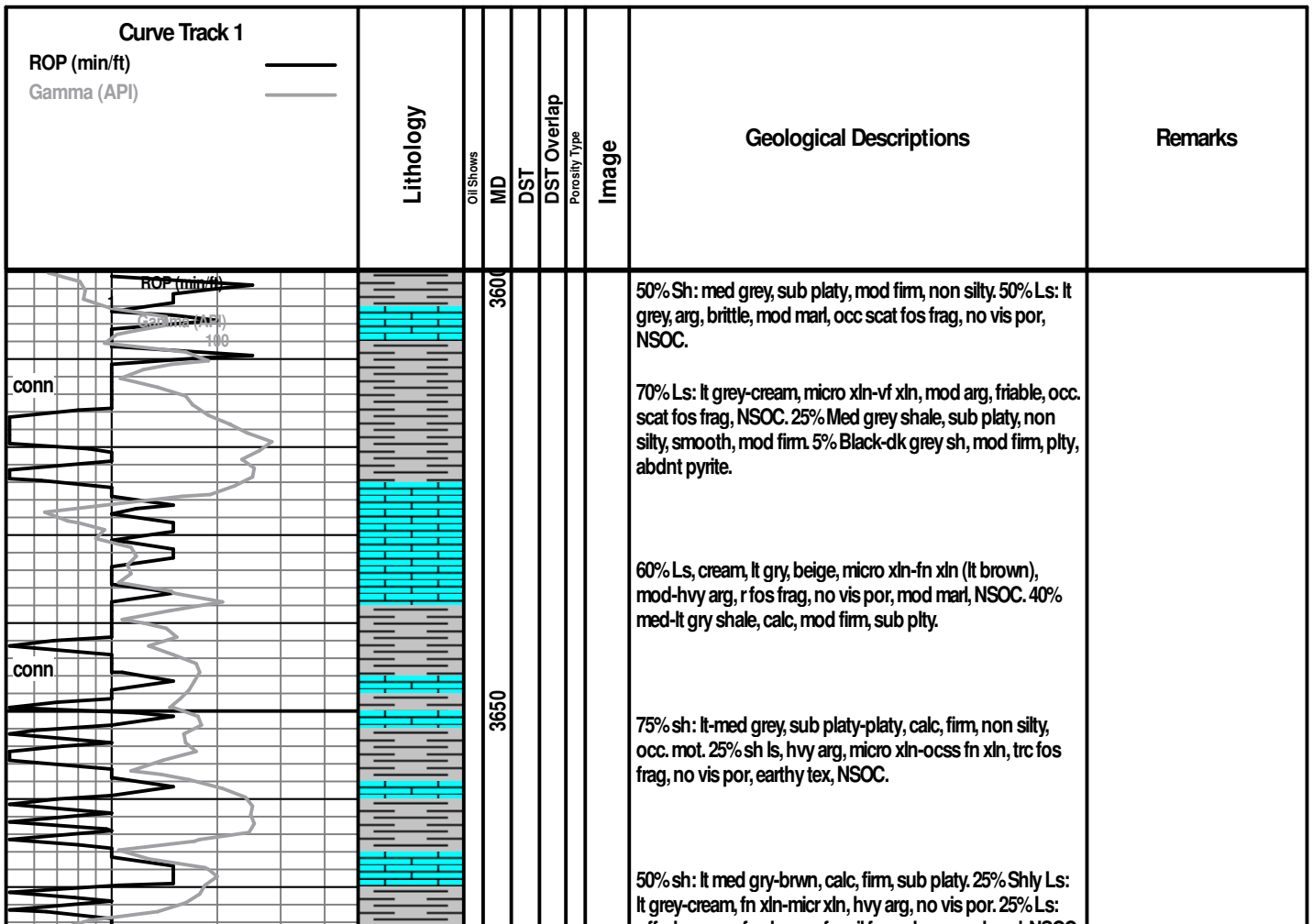
- Anhy
- Bent
- Brec
- Cht
- Clyst
- Coal

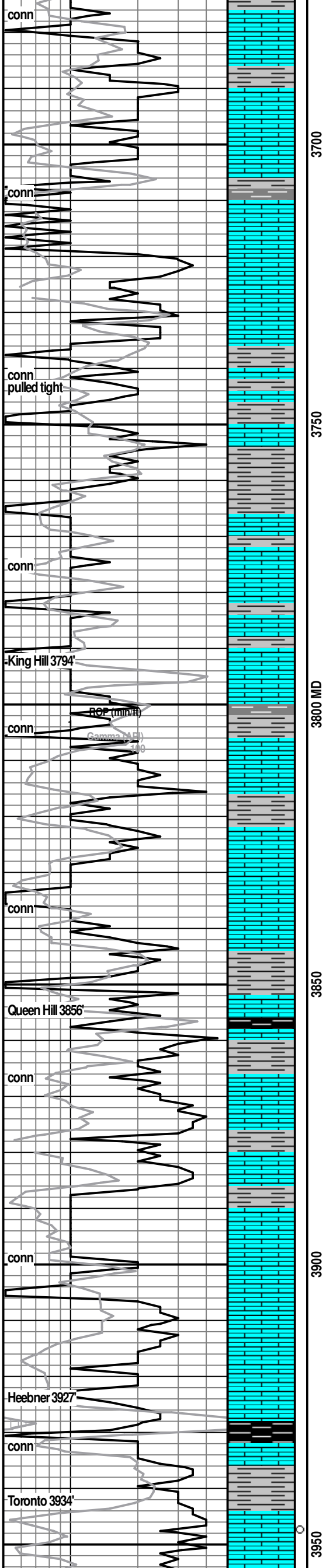
- Oolitic limestone
- Congl
- Dol
- Gyp
- Igne
- Dark grey shale
- Black shale

- Lmst
- Meta
- Mrlst
- Salt
- New symbol
- Shale
- Shcol

- Shgy
- Siltst
- Ss
- Till
- OIL SHOW Even

- Spotted
- Ques
- Dead





off wh-cream, fn xln, occ fossil frag, sl arg, mod marl, NSOC.

80% Ls: cream-lt grey-beige, fn xln-micro xln, sl arg, mod friable, occ. mottled plant matter, trc fusulinids, no vis por, NSOC. 20% lt grey shale, mod calc, sub platy-non platy.

50% Sh: dove grey, platy-blady, mod firm, sl calc, non silty.
50% Ls: cram, lt grey, fn xln, friable, pr cem, no vis por, trc fusulinids, mod arg, occ plant mat, NSOC.

Ls: cream, lt grey, mod arg, fn xln, no vis por, NSOC.

90% Ls: cream, beige, fn xln-micro xln, mod marl (white wash), occ mot org mat, trc fos frag, earthy tex, occ. pp vug, no vis matr por, NSOC.

Ls: cream-lt grey, fn xln, spary tex, mod marl filled mtrx, friable, no vis mtrx por, r scat pp vug,, r fossil, sl-mod arg, NSOC. Trc med-dk grey sh.

Ls: cream, lt grey, beige, micro xln-fn xln, occ. plant mat, occ spary granular tex, sl-mod arg, sl marl, poor-no vis por, friable. 5% black shale: sub platy-platy, abndnt pyrite flakes, firm, carb.

Ls: cream, off white, micro xln, dense-occ friable, sl-mod marl, sl arg, no vis por, occ fossil frag, NSOC. 10% v lt grey shale, soft, non platy, sl calc.

Ls: cream, lt grey, beige, fn xln, dense-friable, occ hvy marl mtrx, poor-no vis por, abndnt fusulinids, trc mottled org mat, occ lam w/ shale, NSOC. Trc dk grey-black shale.

Ls: cream-beige, micro xln, dense, no vis por, sl cherty, cream-white (opaque, spicules), occ. fusulinids, NSOC.

Ls: cream, off white, fn-micro xln, mod-hvy marl, friable, p vis inxl por, NSOC.

Ls: cream, beige, micro xln, trc fossil frag, sl cherty (white opaque), sl arg, mod marl (sl white wash), no vis por, NSOC.

Ls: beige, buff, grey, micro xln-occ v fn xln, hvy marl, p-no vis por, occ dnse w/ scat fossil frag wackestone, svrl friable, NSOC.

Ls: cream, beige, micro xln-fn xln, very friable, v hvy marl (25% in tray), poor vis inxl por, NSOC.

Ls: beige. brown, cream, mottled w/ org mat/sh, hvy marl, abndnt fusulinids, occ. r scat pp vugs, pr mtrx por, NSOC. 10% dark brown-black shale, mod carb, sl calc, platy-subplaty.

Ls: beige, brown, fn xln, mod marl, mod-hvy arg, hvy mot w/org mat, no vis por, NSOC.

Black sh: platy-blocky, v firm, mod calc, mod carb. Ls cm, beige, micro xln, occ mot, fair marl, p por, NSOC. Lt grey shale, soft, smooth, grey wash, sticky.

Ls: cream, off white, micro xln, dense, poor vis por, trc fos frag, mod-hvy marl, litho tex, NSOC. Sh: lt grey, soft, non platy, sticky, grey wash.

Ls: cream, vf xln, trc oolitic w/ p inter sec por, brittle-dense, poor vis por, occ. mottled w plant matter, questionable odor, no free oil. Abndnt light grey sh, easily washed.

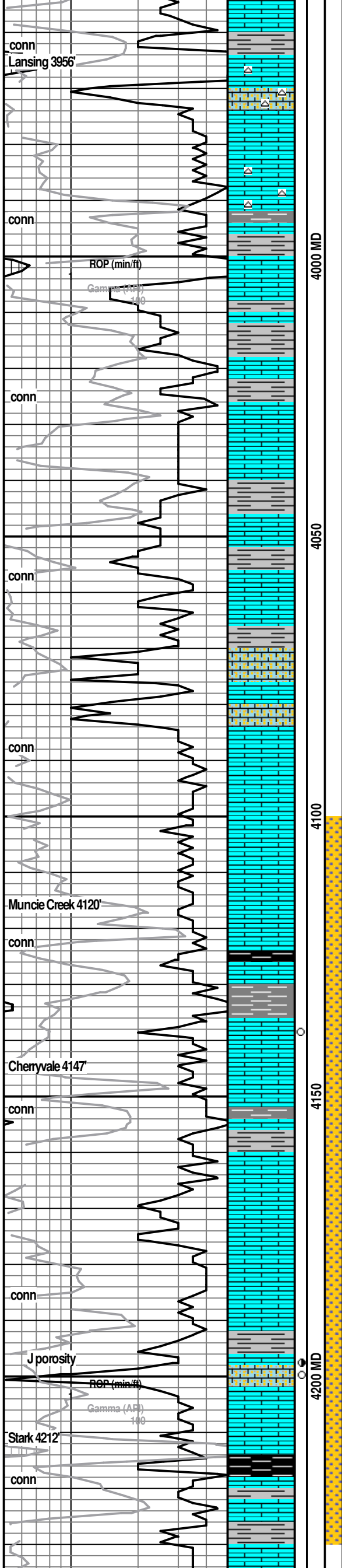
MW 9.2
VIS 55
4# LCM

*poor sample quality.
Abundant cavings.

Bit trip @ 3867'

MW 9.0
Vis 60
3# lcm

MW 9.1
VIS 60
2# LCM



Ls: cream, micro xln, dense, sharp clvg, no vis por, trc fusulinids, sl. marl, litho tex, NSOC.

Ls: cream, lt grey, micro xln, <5% oolitic ls, v fn, <250microns, occ scat pp vug, v poor sec por, NSOC. Trc brick red sh, non platy, red wash.

Ls: cream, beige, micro xln, dense, occ scat fos, no vis por, cherty (lt grey-blue, opaque, spicules) NSOC.

Ls: cream, lt grey, dense, sharp, litho tex, trc fos frag, shell frag, cherty, no vis por, sl marl. Trc dk grey sh and light grey shale, sub platy-soft.

MW 9.2
VIS 63
2# LCM

Ls: cream-grey, micro xln, dense, sharp, scat pp vug, p matrix por, abndnt pyrite flakes, NSOC. 30% grey calc shale, dense, firm/hard, sub platy, occ fossil frag, sl carb.

Lansing D porosity: oolitic, 250-400 microns, most w std, few with large clast up to 500 microns, brittle, poor sec por, mod marl, NSOC, no odor.

MW 9.4
VIS 67
4# LCM

Ls: cream-grey, beige, micro xln, occ. fos packstone, poor sec por, dense, r pp vug, NSOC.

Ls: cream-white, micro xln, sharp, dense, sl marl, non arg, trc gs w/ no vis sec por. 15% med grey-dk grey & maroon sh, subplaty, mod firm.

Mudco check:
MW 9.4
Vis65
Filtrate 5.8
Chlorides 1600ppm
2# LCM

Ls: cream, lt grey (arg), micro xln, sharp, dense, no vis por, r scat fos frag, NSOC. 10% light grey sh.

Ls: cream, lt grey, micro xln, no vis por, dense, trc fos, r scat ind pp vug, sl cherty- clear, translucent.

Ls: cream, lt grey-brown, beige, micro xln, occ oolitic, <250microns, poorly std, no vis sec por, dense, sl marl, NSOC.

Ls: cream-grey, micro xln, litho tex, dense, no vis por, occ fos frag, NSOC.

Ls: cream, dense, v hard, r pp vug, no vis matrix por, non arg, trc fossil frag, 5% v fn oolitic gs, <250 microns w std, NSOC.

Oolitic ls, oomoldic-r castic, 400-500microns, mod-w std, good moldic por, p conn, dense, w cemented, NSOC, no odor.

Ls: lt grey, beige, cream, micro xln, occ oolitic a/a, sharp cleav, p vis por, dense, sl arg, sl cherty, NSOC.

Ls: cream-lt grey, micro xln, sl-mod marl, v dense, no vis por, NSOC.

DST #3 (Straddle)
KC H-KC J
4100'-4230
30-30-30-30
IFP:31-35 psi
ISIP 1087 psi
FFP37-43 psi
FSIP 984 psi
Recovered 40'M

Ls: cream-lt grey, micro xln, no vis por, v dense, occ. r pp vug, NSOC. Occ pyrite and dark grey shale.

Ls: brown, beige, micro xln, occ fossil packstone & oolitic, no vis sec por, very dense, NSOC. 5% Black shale, platy firm,

Ls: cream, grey, lt brown, micro xln, occ oolitic and fossil packstone, poor-no vis por, 1 cutting found w wedge stain (re-xln-poor sec por), no free oil, questionable odor.

Ls: creamy white, beige, grey, v dense, sharp, no vis por, cherty, litho tex, NSOC. Trc black shale.

Ls: lt brown, cream, lt grey, micro xln, sharp, v dense, sl marl, no vis por, litho tex, cherty, NSOC.

MW 9.4
VIS 51
1.5# LCM

Ls: 25% oolitic, white, 250-350 microns, w std, non arg, no vis sec por, r inter inter granular vug, no stain or odor. 65% Ls cream, dense, micro xln. 10% dk grey sh

Ls: cream-white, oolitic, 350-500 microns, no vis sec por, v sl marl, well cemented, NSOC. 5% med-dk grey platy shale.

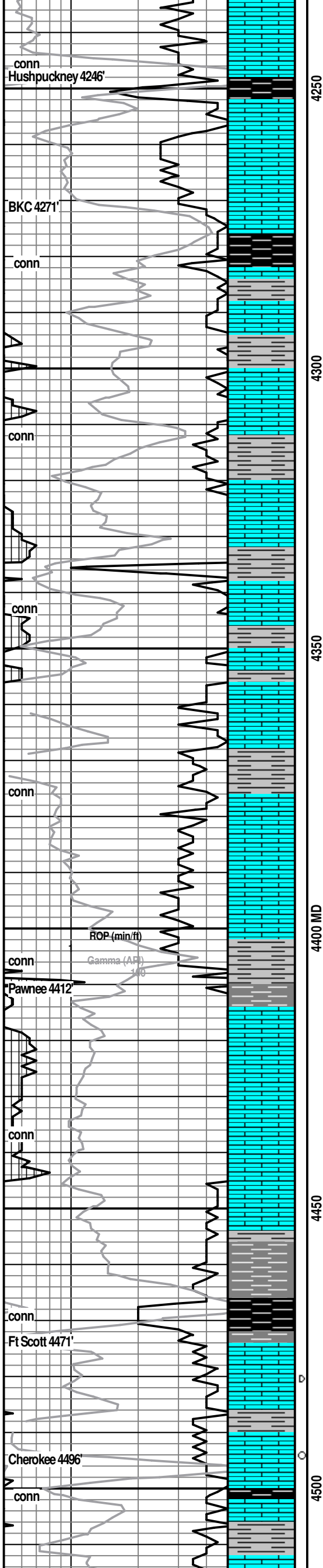
Ls: cream, oolitic, 175-250 microns, well std, w cemented, v dense, sharp, no vis sec por, NSOC. 10% med-dk grey platy shale.

Kc J porosity: off white, beige, scat oomoldic vugs, 350-500 microns, mod std, poor connectivity, w cemented, hard, tight, 98% barren, few cuttings w/ssfo, and stain, weak-fair odor.

Ls: cream, off white, micr xln, occ oolitic w/ no sec por, dense, NSOC. Sh: med grey-dove grey, soft-sub platy. 15% Black shale: firm platy, carb.

Ls: brown, grey, micro xln, dense, litho tex, occ fossil frag, cherty, NSOC.

Ls: grey-off white, beige, most dense, occ. oolitic, 400-500 microns, no vis dissolution, NSOC.



Ls: cream, lt grey, micro xln, no vis por, 5% chert, white, clear, translucent, sharp, NSOC.

Flood Blk shale, platy, firm, v carb. Ls: cream, lt grey, micro xln, no vis por, NSOC.

Grey, grey green shale, mod firm, occ waxy, sub platy. Ls: cream, off white, micro xln, occ fossil frag, mod arg, NSOC.

Ls: cream, grey, micro xln, dense, no vis por, sl cherty (clear, transparent), 10% oolitic, lt grey w calcite filled molds up to 500 microns, no vis sec por, mod marl, NSOC.

Flood black shale: platy, firm, mod carbonaceous. 20% grey shale, sub platy-soft (washes grey), non calc. 20% LS a.a

60% Ls: cream-grey, micro xln, dens, non arg-mod arg, no vis por, NSOC. 40% shale: med grey, sub platy-non, soft, non silty.

75% Ls: cream, beige, lt grey, micro xln-trc vf xln, occ mottled w/ shale, v dense sharp NSOC. 25% various shale, light-med grey, maroon, green grey.

80% LS: Lt brown, beige, micro xln, v dense, sharp, cherty (beige, opaque), abndt pyrite, no vis por, NSOC. 20% Sh: light gry-green, grey, non calc/

60% Ls: cream, grey, beige, micro xln dnse, no vis por, sl cherty, non-mod arg, NSOC. 40% sh: light grey green, grey.

80% Ls: cream, beige, lt grey, micro xln, v dense, sharp, no vis por. 20% lt grey shale.

40% Ls: cream, mottled pink-maroon, micro xln, dense, no vis por, r ind pp vug, 60% sh: med-dk grey, green-grey (waxy), platy-subplaty, non silty, smooth.

50% Ls: cream, beige, micro xln, no vis por, v dense, sl arg, NSOC. 50% Sh: med grey, brown, maroon, sub platy-platy.

90% Ls: cream, beige, micro xln, dense, no vis por, sharp cleavage, occ fractures with sec cement, NSOC. 10% sh: med grey, subplaty, soft.

Ls cream, beige, micro xln, v dense, no vis por, NSOC. 10% vf oolitic gs, 250microns, w. std, no sec por.

30% sh: brown-maroon (soft, non platy), grey, platy, soft. 70% LS Cream-off white, micro xln, dense NSOC.

Ls: cream, beige, lt grey, hard, dense, no vis por, sl marl, NSOC. Scat grey and brwon shale a.a.

Ls: grey, micro xln, mod hard, dense, mod arg, no vis por, NSOC. Scat grey and brown shale.

Ls: grey, cream, micr xln, no vis por, mod-hvy arg, NSOC. Various colored shales. Trc black platy shale.

20% Dk grey shale, sub platy, non crb, mod ffirm. Ls, beige, grey, micro xln, dense, hard, no vis por, mod arg, occ. sharp, sl cherty, NSOC.

Shly Ls: med grey, micro xln, argillaceous, no vis por, dense, occ brittle calcareous shale NSOC.

Sh Ls: lt grey- grey, micro xln, mod-hvy arg, no vis por, dense-occ brittle, NSOC.

70% Dk grey shale, platy-blocky, mod firm-soft, sl calc. 30% Ls a.a

Black shale: firm, platy, carbonaceous, non calc. 30% Dark grey shale a.a

Ls: lt grey, lt brwn, beige, v fn-xln micro xln, dns, trc oolitic ls-p std, 250-350 mcms, mod marl, no sec por, trc gry chert, 1 cutting w/ dead edge stain, no free oil or odor.

Ls: cream, lt grey, beige, micro xln, sl marl, no vis por, dense, sl cherty, occ scat fos, NSOC. Grey shale, subplaty, sl calc.

Ls: off white, beige, grey, fn xln-micro xln, vp-no vi pos, occ scat fossil frag, sl marl, sl-mod arg, 5 cuttings w/ edge stain, fair cup odor, no free oil. 10% Black shale.

Ls: cream-grey, vf xln, dense, occ scat fossil frag, no vis por, sl arg, sl marl, NSOC. Sh: lt grey, non platy

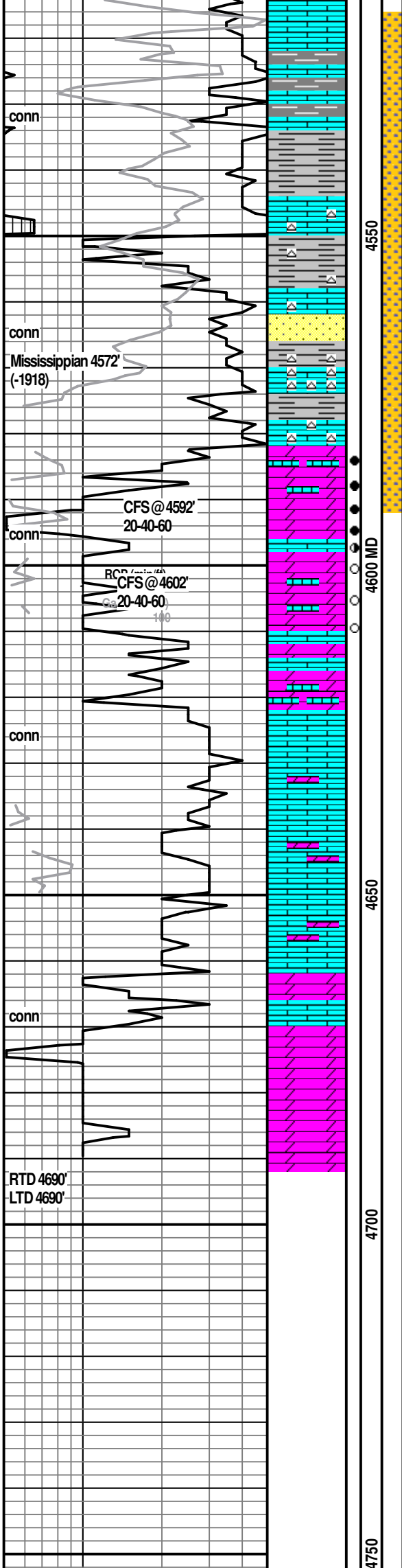
MW 9.4
Vis 48

Mudco check
MW 9.4
Vis 59
Filtrate 6.0
Chlorides 1500ppm
2# LCM

Bit trip @ 4445' owing to slow ROP.

MW 9.4
vis 60

MW 9.3
Vis 57
1# LCM



Ls: light grey, cream, patchy white, micro xln, v dns, sharp, r. pp vug, trc fossil frag, NSOC.

Ls: light grey-beige, micro xln, shrp cleavage, no vis por, trc fn xln, w/marl matrix, brittle, NSOC.

Ls: cream-white, micro xln-vf xln, no vis por, occ brittle w/marl filled por, NSOC. SH: med gry, platy, non calc.

Ls: cream, beige grey, micro xl, sharp clvg, no vis por, dense, sl chert, beige, white, NSOC. Variety colored shales.

Ls: cream, lt grey, micro xln-vf xln, occ fossil frag, poor-no vis por, dense, sl cherty, NSOC. Sh: med grey, sub platy, soft, non calc.

Ls: cream, micro xln, dense, no vis por, NSOC. 5% ss, white, maroon tint, w std, v fn grain w cons, poor-no ingl por. Chert-mustard, white, beige. Various colored shale.

Ls: cream, off white, fn xln, mod hard, poor-no vis por, NSOC. Multi-colored chert and shales.

20' 40% Dolo- ls: gry-bm, fn xln, p- fr scat vuggy por up to 500 microns por, tght, sl marl, fsfo, slow bleed from pore throats, fr-gd od.

40': 60% dolo, gry-bm, fr-good vuggy por, scat-evn por up to 750 microns, FSFO-GSFO, svrl w/hvy black dd stain, strong odor.

60' 75% dolo: lt-med bm, fr-gd vuggy por, svrl with cross hatched fossil pattern (coral, bryozoan?), GSFO, hvy even stain, hvy oil on cup, strng od.

4602' 20": Dolo: bm, patchy wt, mod hrd, gd vuggy por up to 700 microns, FSFO-GSFO, even stn, fr-gd od.

40": Dolo-ls: gry-bm, fn xln, scat vuggy por, much tighter than above, hrd, scat uneven stn and sat, few cuttings w/no sat, wk-fr od.

60" Dolo and dolo ls: grey-bm, micro-fn xln mtx, p-fr vuggy por, spty sat and stn, svrl cuttings w/no stn in vugs, wk od.

Lag to 4605: Dolo Ls-cream, beige, fn xln, hard, dense, sl marl, scat vuggy por, spty scat stain, vssfo, faint odor.

Lag to 4613: 75% Dolo, beige, fn xln, dense, v hard, scat pp vug por, sl marl, rara spotty stain, questionable odor. 25% dolo-ls, cream, fn xln, dense, poor inxl por.

Lag to 4625: 10% dolo ls, fn xln beige, scat vuggy por, hard, dense, trace spotty stain, NSFO. 90% ls-dolo ls, cream, micro-fn xln, no vis por, dense, sl marl, NSFOC.

Lag to 4633': Ls: grey-cream, micro xln-fn xln, sl-mod arg, sl marl, r scat pp vug, poor por, NSOC.

Lag to 4645': Ls: lt grey, fn-micro xln, sl arg, poor vis por, sl cherty, sl pyrite, NSOC.

Lag to 4655: Ls, lt grey, fn xln-micro xln, sl increase marl, sl arg, abndnt white chert, no vis por, NSOC.

Lag to 4660': Ls: cream, lt grey, fn-micro xln, poor inxl por, abdn chert, NSOC.

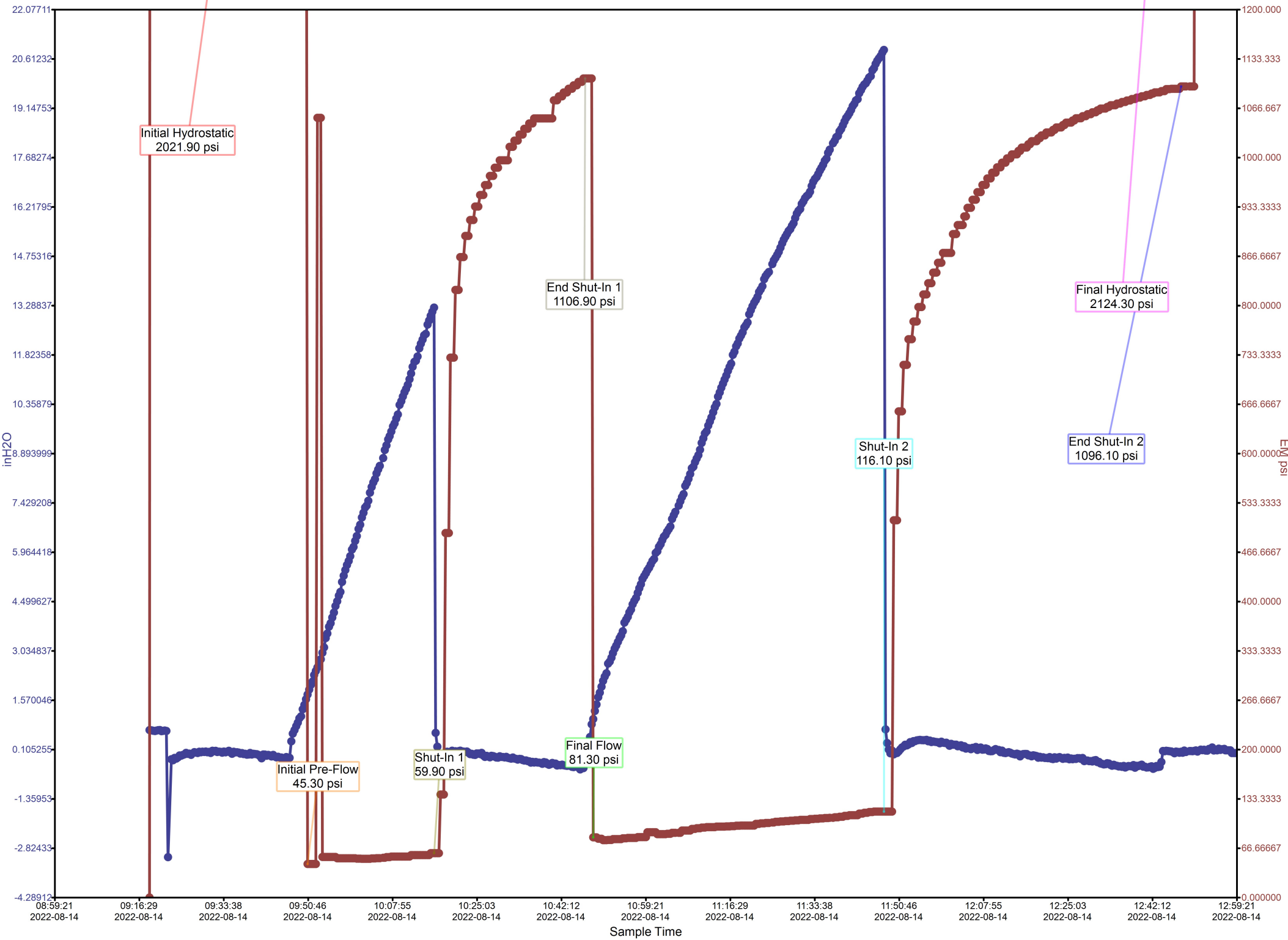
Lag to 4690': Dolomite: white, lt grey, cream-fn-med xln, occ vuggy por, cherty (white-grey), poor-fair inxl por, NSOC.

DST#1
Cherokee-Miss
30-30-60-60
IFP:30-60psi
ISIP:1137psi
FFP:64-27psi
FSIP:1095 psi
Recovered:
250' GIP
127 MCO (50%O, 10%G)
137' GO (30%G)
Gravity=41

DST #2
Mississippian
4589-4602'
30-30-60-60
IFP: 31-96 psi
ISIP: 1185 psi
FFP: 104-212psi
FSIP: 1163psi
Recovered:
10'M
305' W
63' OMCW (10%O)
73' GO

Mud co check:
MW 9.4
Vis 58
Filtrate 5.8
Chloride 2400
1# LCM

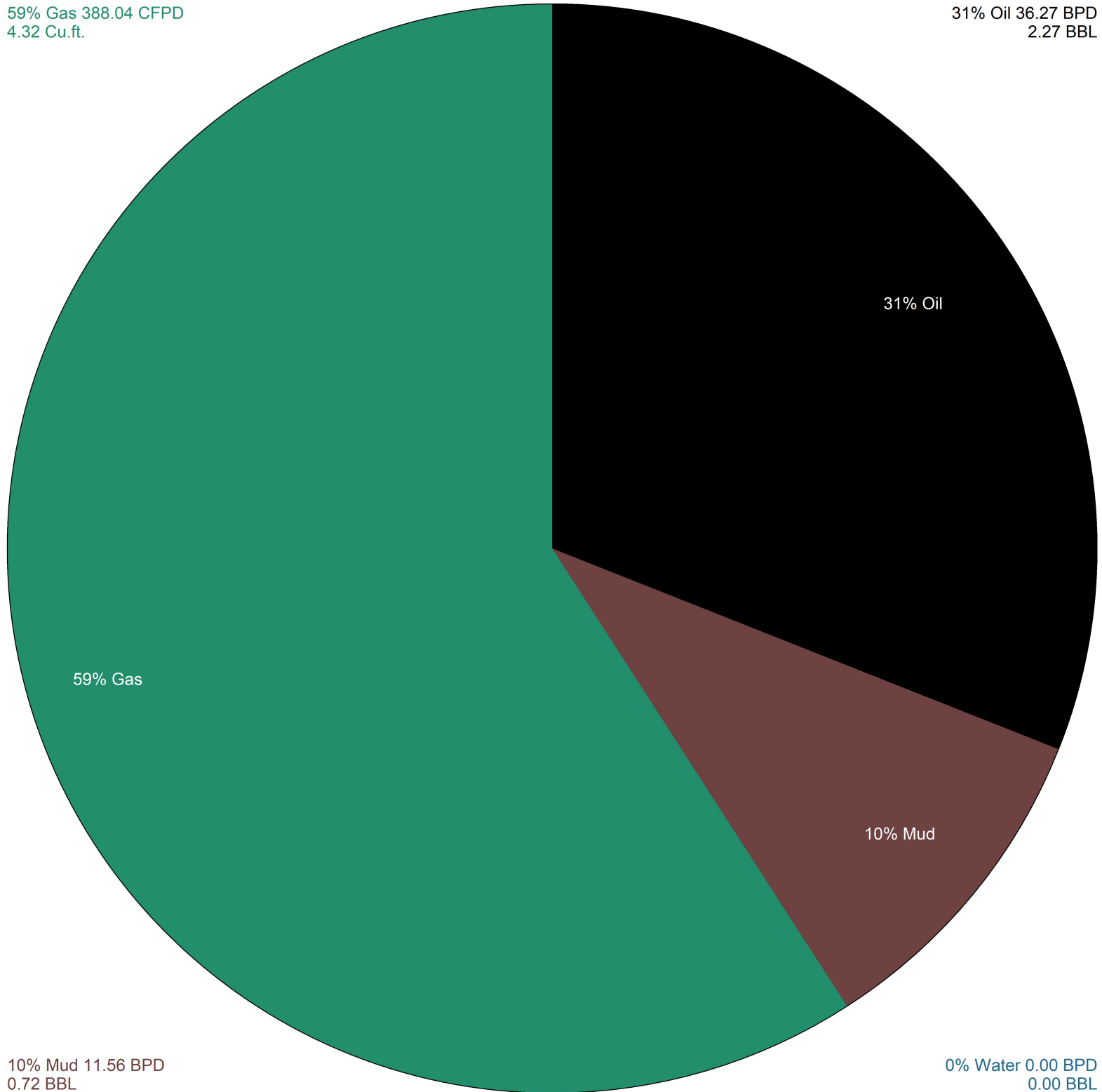
Palomino Petroleum - Rodeo Time 1 - DST #1



Calculated Recovery Analysis - Palomino Petroleum - Rodeo Time 1 - DST #1

59% Gas 388.04 CFPD
4.32 Cu.ft.

31% Oil 36.27 BPD
2.27 BBL



59% Gas

31% Oil

10% Mud

10% Mud 11.56 BPD
0.72 BBL

0% Water 0.00 BPD
0.00 BBL



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Palominon Petroleum Inc
 4924 SE 84TH St.
 New ton, KS 67114
 ATTN: Chad Counts

20_16_26 Ness, KS

Rodeo Time #1

Job Ticket: 69011

DST#: 1

Test Start: 2022.08.14 @ 07:53:00

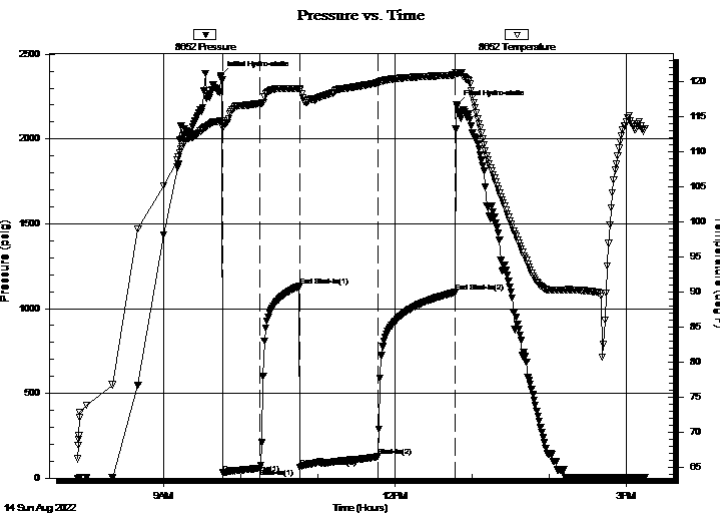
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:46:15
 Time Test Ended: 15:15:15
 Interval: **4516.00 ft (KB) To 4592.00 ft (KB) (TVD)**
 Total Depth: 4592.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2656.00 ft (KB)
 2648.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 126.74 psig @ 4517.00 ft (KB)
 Start Date: 2022.08.14 End Date: 2022.08.14
 Start Time: 07:53:05 End Time: 15:15:14
 Capacity: 8000.00 psig
 Last Calib.: 2022.08.14
 Time On Btm: 2022.08.14 @ 09:44:15
 Time Off Btm: 2022.08.14 @ 12:48:15

TEST COMMENT: IF-30- BOB in 26 min, Built to 13 1/4"
 SI1-30- No return
 FF-60- BOB in 30 min, Built to 20 3/4"
 FF-60- 1/4" return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2371.44 | 114.45 | Initial Hydro-static |
| 2 | 30.45 | 113.50 | Open To Flow (1) |
| 31 | 59.65 | 116.93 | Shut-In(1) |
| 62 | 1131.92 | 119.03 | End Shut-In(1) |
| 62 | 64.06 | 118.82 | Open To Flow (2) |
| 123 | 126.74 | 119.90 | Shut-In(2) |
| 183 | 1095.17 | 120.96 | End Shut-In(2) |
| 184 | 2200.65 | 121.35 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------|--------------|
| 127.00 | GMCO 10% gas 50% oil 40% mud | 1.78 |
| 137.00 | GO 30% gas 70% oil | 1.92 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palominon Petroleum Inc

20_16_26 Ness, KS

4924 SE 84TH St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69011

DST#: 1

ATTN: Chad Counts

Test Start: 2022.08.14 @ 07:53:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 10.00 lb/gal
Viscosity: 59.00 sec/qt
Water Loss: 6.00 in³
Resistivity: ohm.m
Salinity: 2400.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 41 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------------|---------------|
| 127.00 | GMCO 10% gas 50% oil 40% mud | 1.781 |
| 137.00 | GO 30% gas 70% oil | 1.922 |

Total Length: 264.00 ft Total Volume: 3.703 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

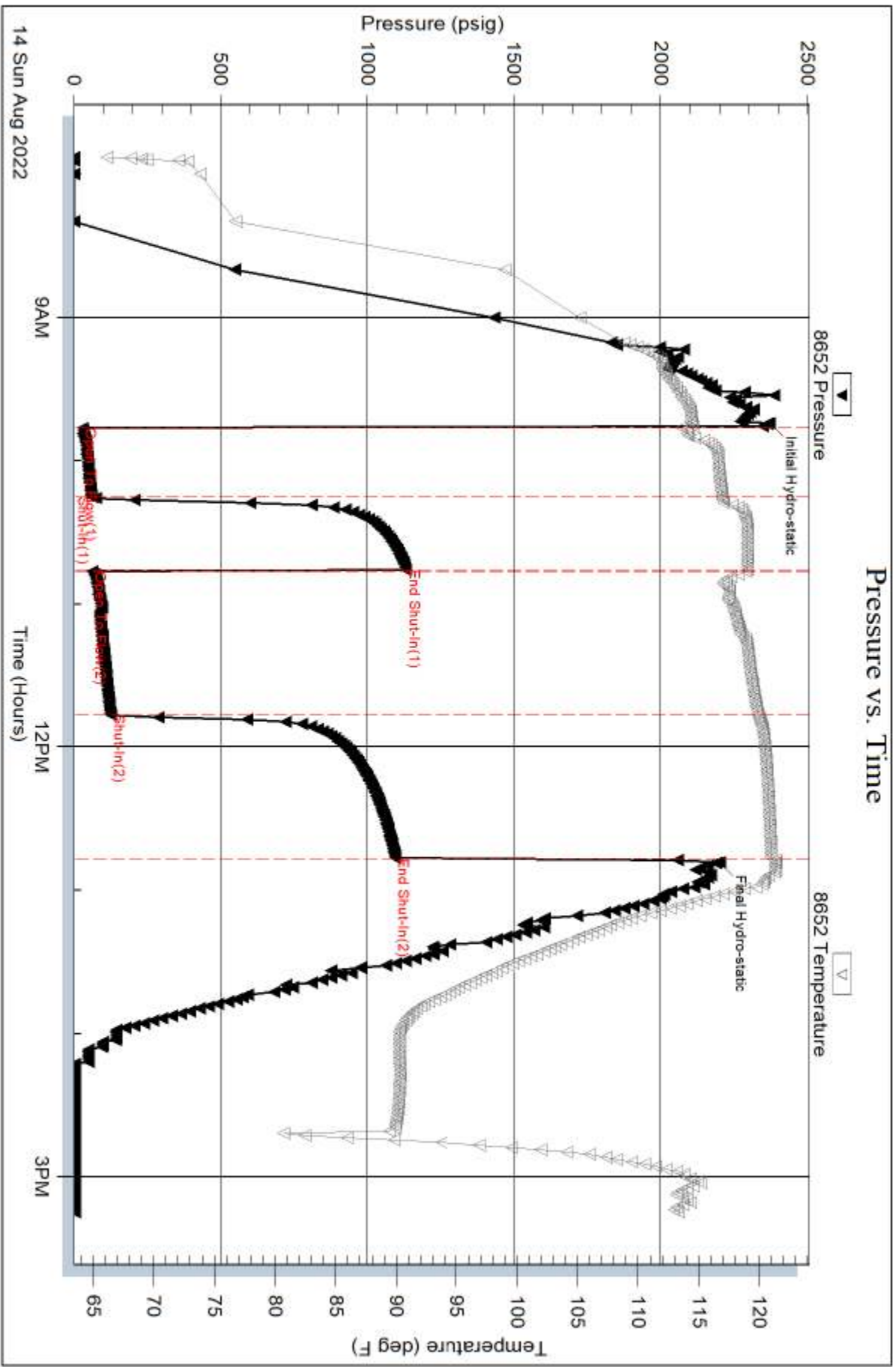
Recovery Comments: 2# LCM

Serial #: 8652

Outside Palominon Petroleum Inc

Rodeo Time #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69011

Printed: 2022.08.14 @ 17:53:58

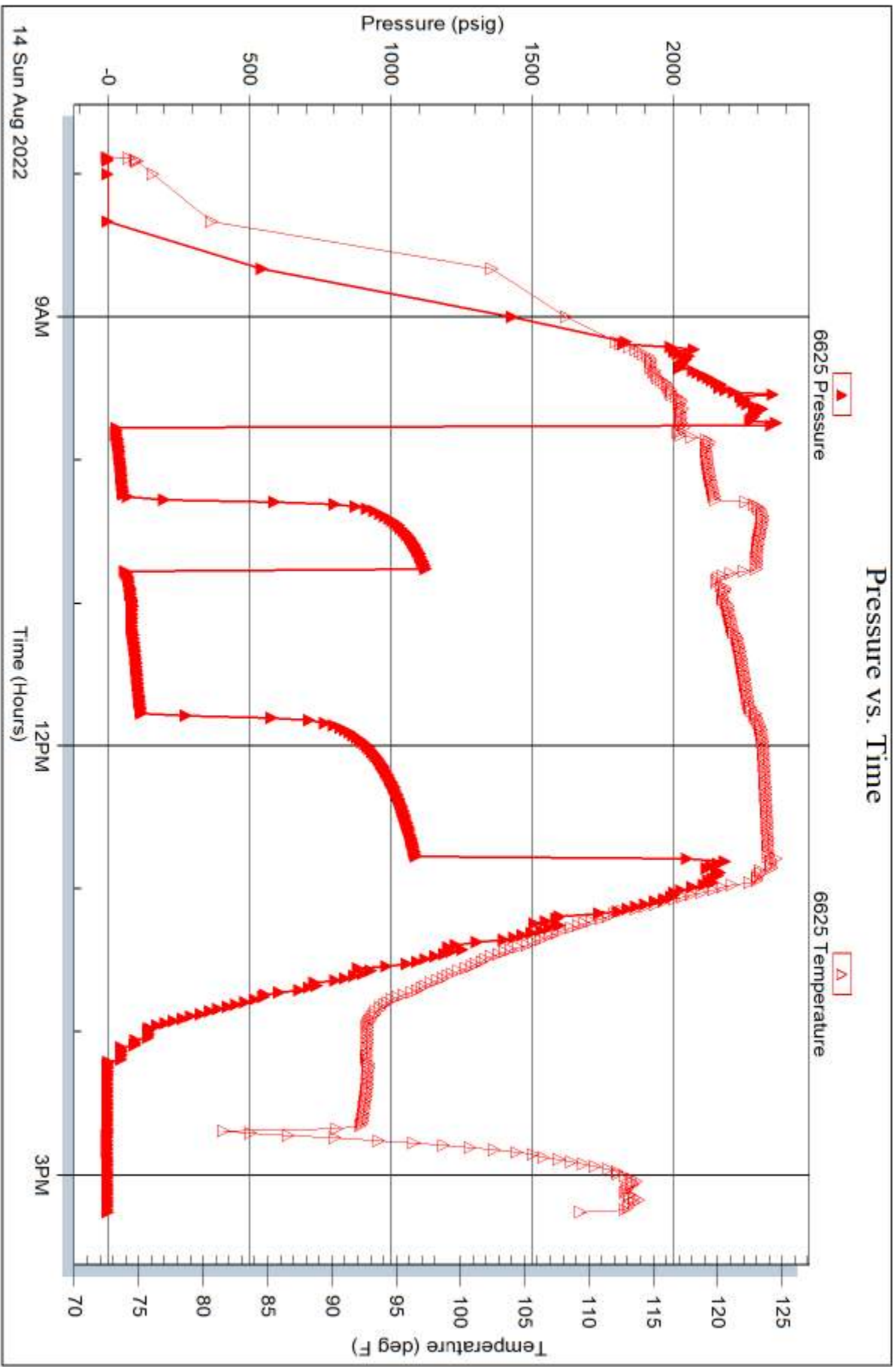
Serial #: 6625

Inside

Palominon Petroleum Inc

Rodeo Time #1

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Chad Counts

Rodeo Time #1

20-16s-26w Ness, KS

Start Date: 2022.08.14 @ 07:53:00

End Date: 2022.08.14 @ 15:15:15

Job Ticket #: 69011 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.08.17 @ 17:14:36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc
4924 SE 84th St.
New ton, KS 67114
ATTN: Chad Counts

20-16s-26w Ness, KS

Rodeo Time #1

Job Ticket: 69011

DST#: 1

Test Start: 2022.08.14 @ 07:53:00

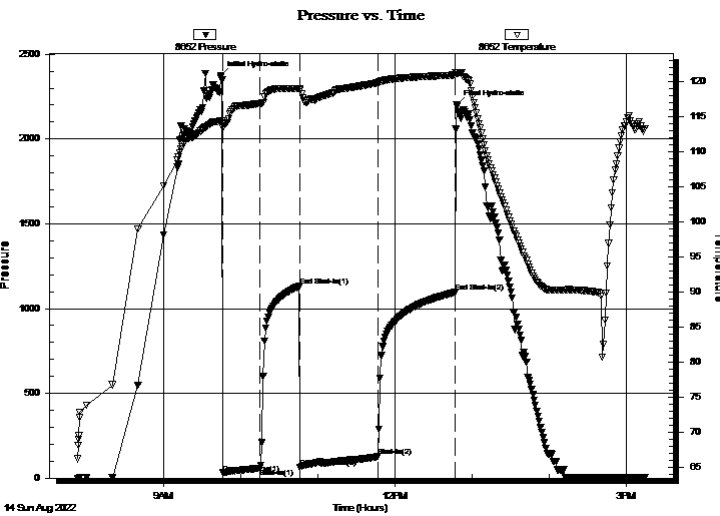
GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:46:15
 Time Test Ended: 15:15:15
 Interval: **4516.00 ft (KB) To 4592.00 ft (KB) (TVD)**
 Total Depth: 4592.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2656.00 ft (KB)
 2648.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 126.74 psig @ 4517.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.08.14 End Date: 2022.08.14 Last Calib.: 2022.08.14
 Start Time: 07:53:05 End Time: 15:15:14 Time On Btm: 2022.08.14 @ 09:44:15
 Time Off Btm: 2022.08.14 @ 12:48:15

TEST COMMENT: IF-30- BOB in 26 min, Built to 13 1/4"
 SI1-30- No return
 FF-60- BOB in 30 min, Built to 20 3/4"
 FF-60- 1/4" return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2371.44 | 114.45 | Initial Hydro-static |
| 2 | 30.45 | 113.50 | Open To Flow (1) |
| 31 | 59.65 | 116.93 | Shut-In(1) |
| 62 | 1131.92 | 119.03 | End Shut-In(1) |
| 62 | 64.06 | 118.82 | Open To Flow (2) |
| 123 | 126.74 | 119.90 | Shut-In(2) |
| 183 | 1095.17 | 120.96 | End Shut-In(2) |
| 184 | 2200.65 | 121.35 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------|--------------|
| 127.00 | GMCO 10% gas 50% oil 40% mud | 1.78 |
| 137.00 | GO 30% gas 70% oil | 1.92 |
| 0.00 | 250' GIP | 0.00 |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69011

DST#: 1

ATTN: Chad Counts

Test Start: 2022.08.14 @ 07:53:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4500.00 ft | Diameter: 3.80 inches | Volume: 63.12 bbl | Tool Weight: 2900.00 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: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 62000.00 lb |
| | | | <u>Total Volume: 63.12 bbl</u> | Tool Chased ft |
| Drill Pipe Above KB: | 15.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4516.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 76.00 ft | | | |
| Tool Length: | 107.00 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 | | | 4486.00 | |
| shut In Tool | 5.00 | | | 4491.00 | |
| hydraulic tool | 5.00 | | | 4496.00 | |
| Jars | 5.00 | | | 4501.00 | |
| EM Tool | 3.00 | | | 4504.00 | |
| Safety Joint | 3.00 | | | 4507.00 | |
| Packer | 5.00 | | | 4512.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4516.00 | |
| Stubb | 1.00 | | | 4517.00 | |
| Recorder | 0.00 | 6625 | Inside | 4517.00 | |
| Recorder | 0.00 | 8652 | Outside | 4517.00 | |
| Perforations | 5.00 | | | 4522.00 | |
| change Over Sub | 1.00 | | | 4523.00 | |
| drill Pipe | 64.00 | | | 4587.00 | |
| change Over Sub | 1.00 | | | 4588.00 | |
| Bullnose | 4.00 | | | 4592.00 | 76.00 Bottom Packers & Anchor |
| Total Tool Length: | 107.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69011

DST#: 1

ATTN: Chad Counts

Test Start: 2022.08.14 @ 07:53:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|------------------------------|----------------|
| 127.00 | GMCO 10% gas 50% oil 40% mud | 1.781 |
| 137.00 | GO 30% gas 70% oil | 1.922 |
| 0.00 | 250' GIP | 0.000 |

Total Length: 264.00 ft

Total Volume: 3.703 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

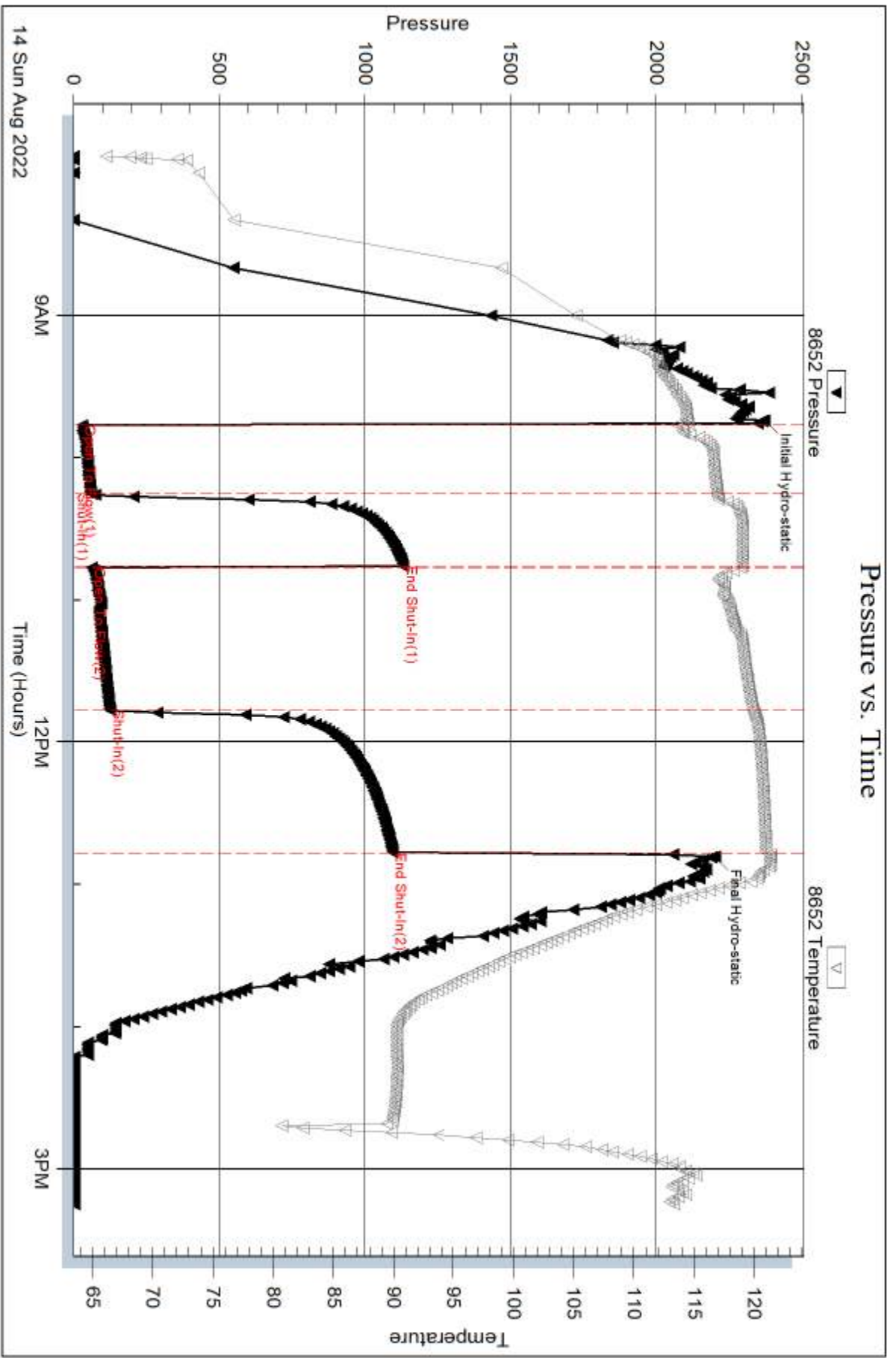
Recovery Comments: 2# LCM

Serial #: 8652

Outside Palomino Petroleum Inc

Rodeo Time #1

DST Test Number: 1



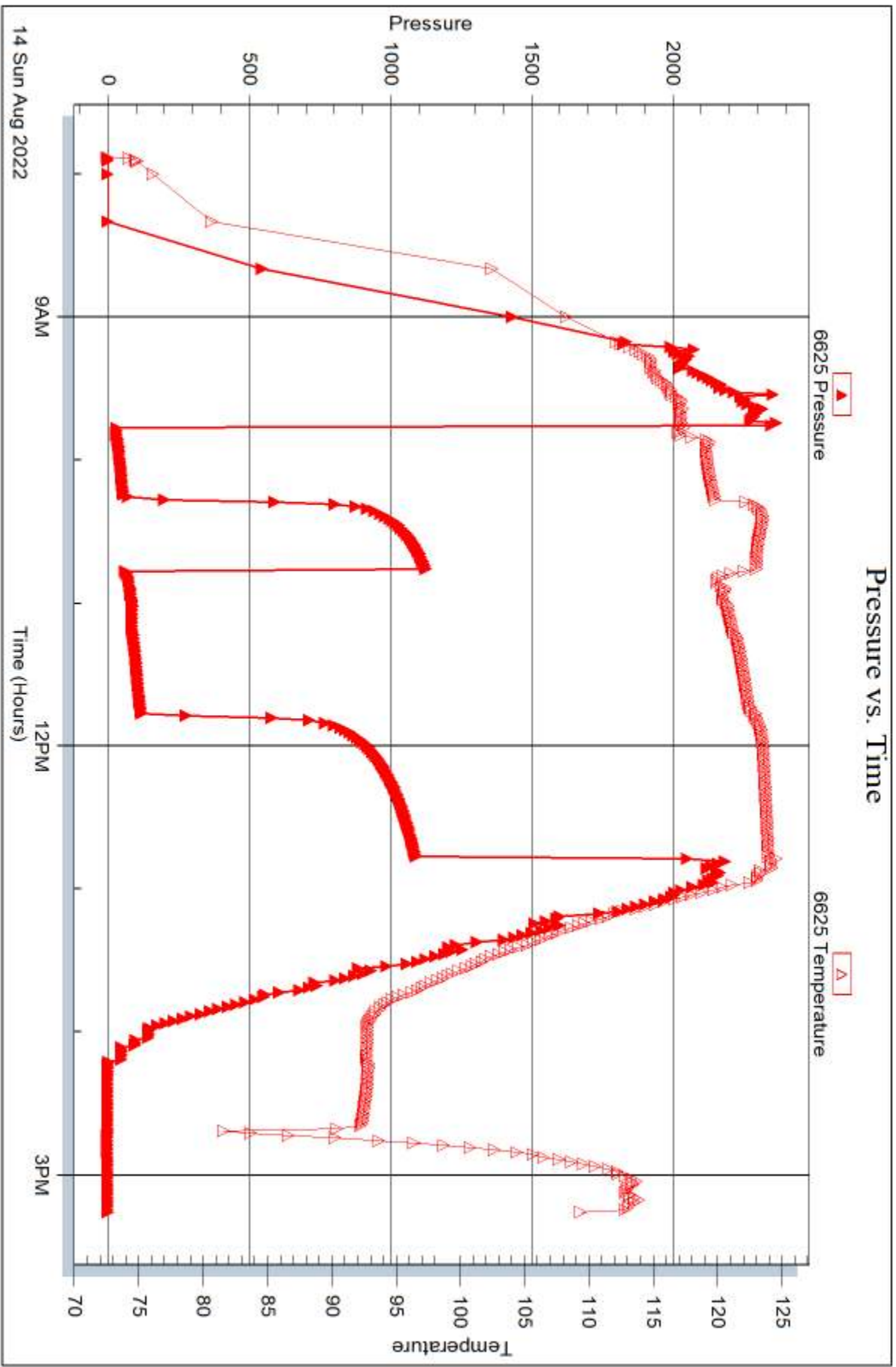
Serial #: 6625

Inside

Palomino Petroleum Inc

Rodeo Time #1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69011

Printed: 2022.08.17 @ 17:14:37



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Chad Counts

Rodeo Time #1

20-16s-26w Ness, KS

Start Date: 2022.08.14 @ 22:15:00

End Date: 2022.08.15 @ 06:15:30

Job Ticket #: 69012 DST #: 2

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

Printed: 2022.08.17 @ 17:13:40



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69012

DST#: 2

ATTN: Chad Counts

Test Start: 2022.08.14 @ 22:15:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:31:30

Time Test Ended: 06:15:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4589.00 ft (KB) To 4602.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4602.00 ft (KB) (TVD)

2648.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 211.57 psig @ 4590.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.14

End Date:

2022.08.15

Last Calib.:

2022.08.15

Start Time:

22:15:05

End Time:

06:15:29

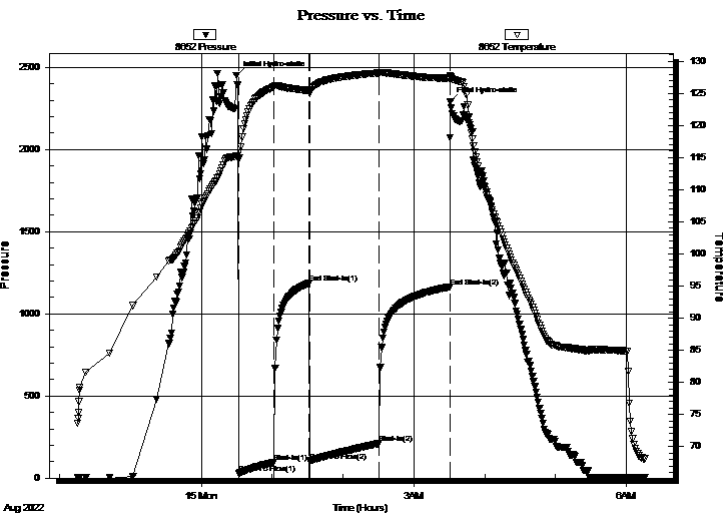
Time On Btm:

2022.08.15 @ 00:29:30

Time Off Btm:

2022.08.15 @ 03:31:00

TEST COMMENT: IF-30- BOB in 21 min, built to 16"
SI1-30- No return
FF-60- BOB in 27 min, built to 21 3/4"
SI2-60- No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2450.58 | 115.24 | Initial Hydro-static |
| 2 | 30.85 | 114.77 | Open To Flow (1) |
| 32 | 96.42 | 126.02 | Shut-In(1) |
| 62 | 1185.35 | 125.43 | End Shut-In(1) |
| 63 | 104.29 | 125.22 | Open To Flow (2) |
| 121 | 211.57 | 128.18 | Shut-In(2) |
| 181 | 1163.24 | 127.32 | End Shut-In(2) |
| 182 | 2290.03 | 127.54 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 10.00 | mud 100% | 0.14 |
| 305.00 | w ater 100% | 4.28 |
| 63.00 | OMCW 10% oil 70% w ater 20% mud | 0.88 |
| 73.00 | GO 5% gas 95% oil | 1.02 |
| 0.00 | 53' GIP | 0.00 |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69012

DST#: 2

ATTN: Chad Counts

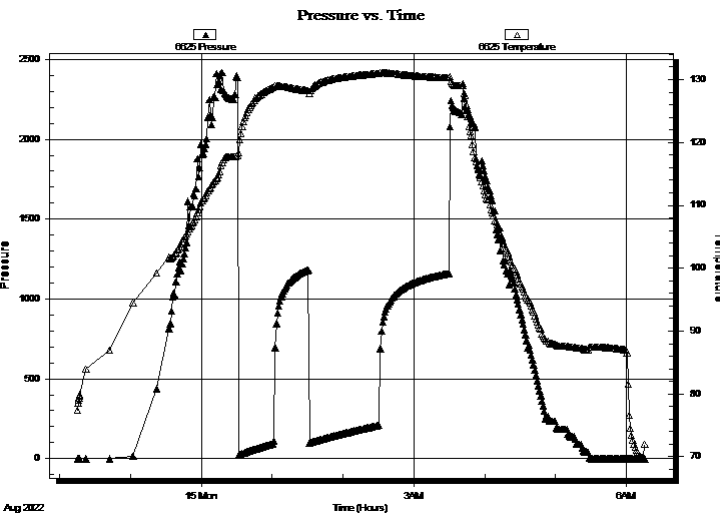
Test Start: 2022.08.14 @ 22:15:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:31:30
 Time Test Ended: 06:15:30
 Interval: **4589.00 ft (KB) To 4602.00 ft (KB) (TVD)**
 Total Depth: 4602.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2656.00 ft (KB)
 2648.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6625 Inside
 Press@RunDepth: psig @ 4590.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.08.14 End Date: 2022.08.15 Last Calib.: 2022.08.15
 Start Time: 22:15:05 End Time: 06:15:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-30- BOB in 21 min, built to 16"
 SI1-30- No return
 FF-60- BOB in 27 min, built to 21 3/4"
 SI2-60- No return



PRESSURE SUMMARY

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

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 10.00 | mud 100% | 0.14 |
| 305.00 | w ater 100% | 4.28 |
| 63.00 | OMCW 10% oil 70% w ater 20% mud | 0.88 |
| 73.00 | GO 5% gas 95% oil | 1.02 |
| 0.00 | 53' GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69012

DST#: 2

ATTN: Chad Counts

Test Start: 2022.08.14 @ 22:15:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4564.00 ft | Diameter: 3.80 inches | Volume: 64.02 bbl | Tool Weight: 2900.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 26000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 62000.00 lb |
| | | | <u>Total Volume: 64.02 bbl</u> | Tool Chased ft |
| Drill Pipe Above KB: | 6.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4589.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 13.00 ft | | | |
| Tool Length: | 44.00 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 | | | 4559.00 | |
| shut In Tool | 5.00 | | | 4564.00 | |
| hydraulic tool | 5.00 | | | 4569.00 | |
| Jars | 5.00 | | | 4574.00 | |
| EM Tool | 3.00 | | | 4577.00 | |
| Safety Joint | 3.00 | | | 4580.00 | |
| Packer | 5.00 | | | 4585.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4589.00 | |
| Stubb | 1.00 | | | 4590.00 | |
| Recorder | 0.00 | 6625 | Inside | 4590.00 | |
| Recorder | 0.00 | 8652 | Outside | 4590.00 | |
| Perforations | 8.00 | | | 4598.00 | |
| bullnose | 4.00 | | | 4602.00 | 13.00 Bottom Packers & Anchor |

Total Tool Length: 44.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69012

DST#: 2

ATTN: Chad Counts

Test Start: 2022.08.14 @ 22:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------------------------|----------------|
| 10.00 | mud 100% | 0.140 |
| 305.00 | water 100% | 4.278 |
| 63.00 | OMCW 10% oil 70% water 20% mud | 0.884 |
| 73.00 | GO 5% gas 95% oil | 1.024 |
| 0.00 | 53' GIP | 0.000 |

Total Length: 451.00 ft

Total Volume: 6.326 bbl

Num Fluid Samples: 0

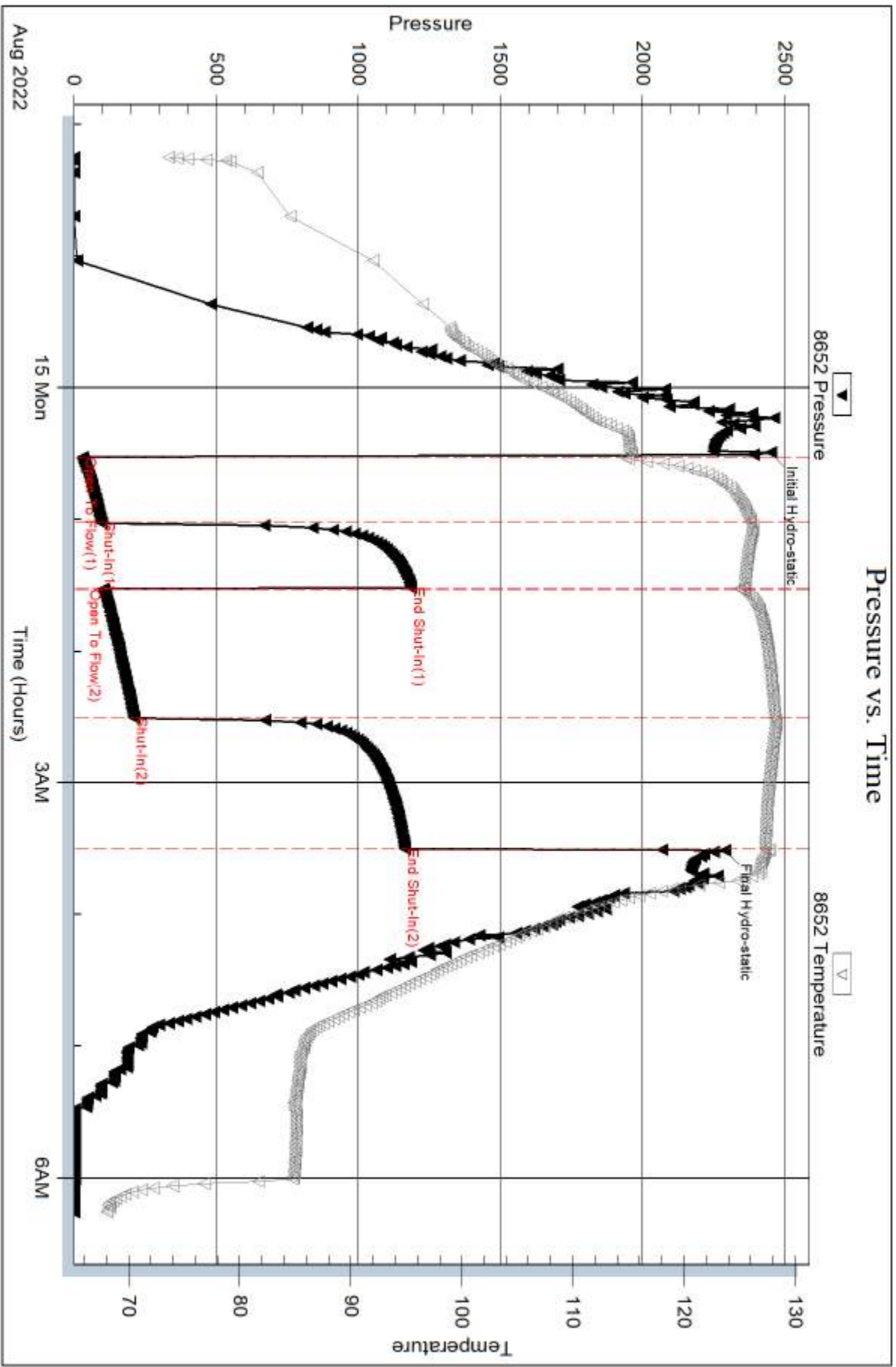
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM



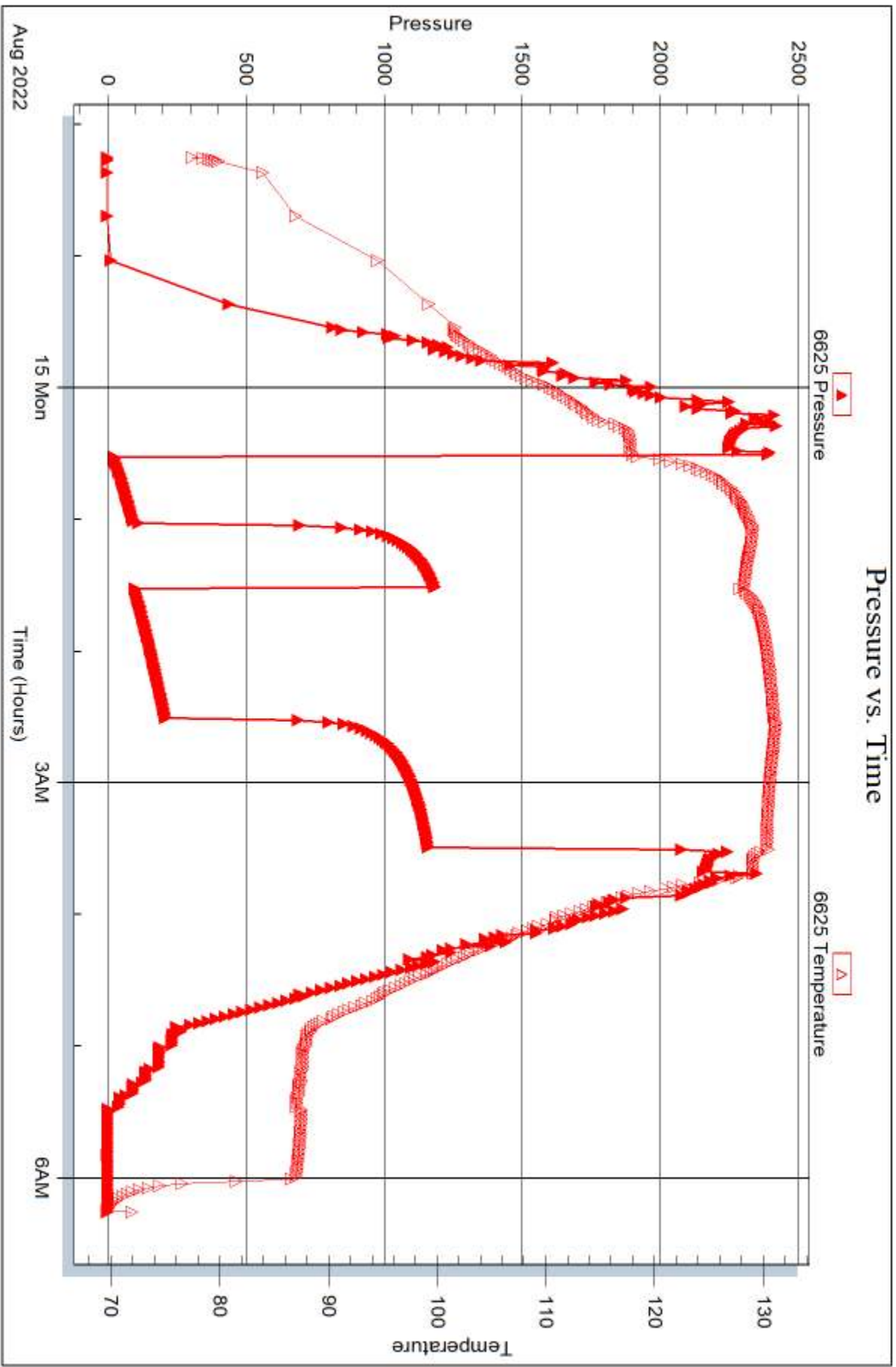
Serial #: 6625

Inside

Palomino Petroleum Inc

Rodeo Time #1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69012

Printed: 2022.08.17 @ 17:13:42



DRILL STEM TEST REPORT

Prepared For: **Palomino Petroleum Inc**

4924 SE 84th St.
Newton, KS 67114

ATTN: Chad Counts

Rodeo Time #1

20-16s-26w Ness, KS

Start Date: 2022.08.15 @ 20:28:00

End Date: 2022.08.16 @ 03:19:30

Job Ticket #: 69013 DST #: 3

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

Printed: 2022.08.17 @ 17:11:07



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69013

DST#: 3

ATTN: Chad Counts

Test Start: 2022.08.15 @ 20:28:00

GENERAL INFORMATION:

Formation: **LKC H - J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:24:15

Time Test Ended: 03:19:30

Test Type: Conventional Straddle (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4100.00 ft (KB) To 4230.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4690.00 ft (KB) (TVD)

2648.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 42.98 psig @ 4101.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.15 End Date: 2022.08.16

Last Calib.: 2022.08.16

Start Time: 20:28:05 End Time: 03:19:29

Time On Btm: 2022.08.15 @ 22:22:30

Time Off Btm: 2022.08.16 @ 00:25:30

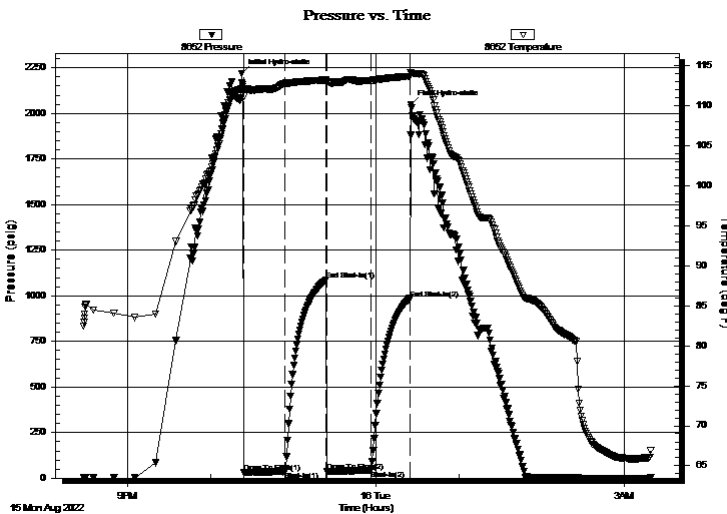
TEST COMMENT: IF-30- Built to 2 1/2"

SI1-30- No return

FF-30- No blow

SI2-30- No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2219.45 | 112.17 | Initial Hydro-static |
| 2 | 30.78 | 111.23 | Open To Flow (1) |
| 32 | 35.28 | 112.78 | Shut-In(1) |
| 62 | 1087.26 | 113.22 | End Shut-In(1) |
| 62 | 37.42 | 112.74 | Open To Flow (2) |
| 94 | 42.98 | 113.17 | Shut-In(2) |
| 122 | 984.14 | 113.68 | End Shut-In(2) |
| 123 | 2048.90 | 114.17 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 40.00 | mud 100% | 0.56 |
| | | |
| | | |
| | | |
| | | |

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 Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69013

DST#: 3

ATTN: Chad Counts

Test Start: 2022.08.15 @ 20:28:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|-------------------------|------------------------------------|
| Drill Pipe: | Length: 4088.00 ft | Diameter: 3.80 inches | Volume: 57.34 bbl | Tool Weight: 2900.00 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: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 68000.00 lb |
| | | | Total Volume: 57.34 bbl | Tool Chased ft |
| Drill Pipe Above KB: | 19.00 ft | | | String Weight: Initial 58000.00 lb |
| Depth to Top Packer: | 4100.00 ft | | | Final 58000.00 lb |
| Depth to Bottom Packer: | 4227.00 ft | | | |
| Interval between Packers: | 127.00 ft | | | |
| Tool Length: | 621.00 ft | | | |
| Number of Packers: | 3 | Diameter: | 6.75 inches | |

Tool Comments:

Tool Description

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

| | | | | | |
|-----------------|--------|------|---------|---------|----------------------------|
| Change Over Sub | 1.00 | | | 4070.00 | |
| shut In Tool | 5.00 | | | 4075.00 | |
| hydraulic tool | 5.00 | | | 4080.00 | |
| Jars | 5.00 | | | 4085.00 | |
| EM Tool | 3.00 | | | 4088.00 | |
| Safety Joint | 3.00 | | | 4091.00 | |
| Packer | 5.00 | | | 4096.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4100.00 | |
| Stubb | 1.00 | | | 4101.00 | |
| Recorder | 0.00 | 6625 | Inside | 4101.00 | |
| Recorder | 0.00 | 8652 | Outside | 4101.00 | |
| perforations | 25.00 | | | 4126.00 | |
| change Over Sub | 1.00 | | | 4127.00 | |
| drill Pipe | 95.00 | | | 4222.00 | |
| change Over Sub | 1.00 | | | 4223.00 | |
| perforations | 3.00 | | | 4226.00 | |
| Blank Off Sub | 1.00 | | | 4227.00 | |
| Packer | 3.00 | | | 4230.00 | 127.00 Tool Interval |
| Packer | 1.00 | | | 4231.00 | |
| stubb | 1.00 | | | 4232.00 | |
| perforations | 6.00 | | | 4238.00 | |
| Change Over Sub | 1.00 | | | 4239.00 | |
| Recorder | 0.00 | 8167 | Below | 4239.00 | |
| Drill Pipe | 444.00 | | | 4683.00 | |
| change Over Sub | 1.00 | | | 4684.00 | |
| perforations | 2.00 | | | 4686.00 | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palomino Petroleum Inc

20-16s-26w Ness, KS

4924 SE 84th St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69013

DST#: 3

ATTN: Chad Counts

Test Start: 2022.08.15 @ 20:28:00

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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 40.00 | mud 100% | 0.561 |

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

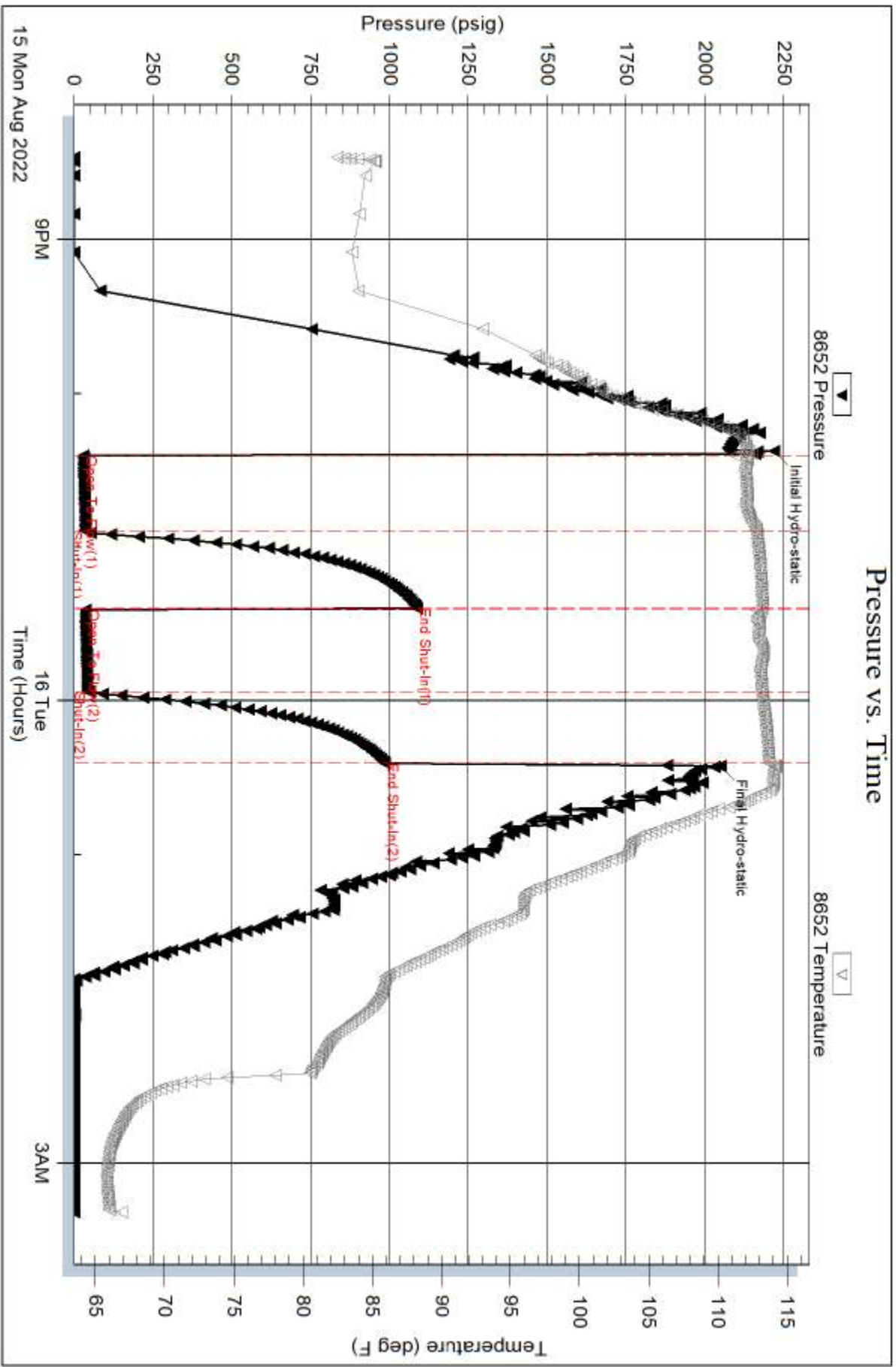
Recovery Comments: 1# LCM

Serial #: 8652

Outside Palomino Petroleum Inc

Rodeo Time #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 69013

Printed: 2022.08.17 @ 17:11:08

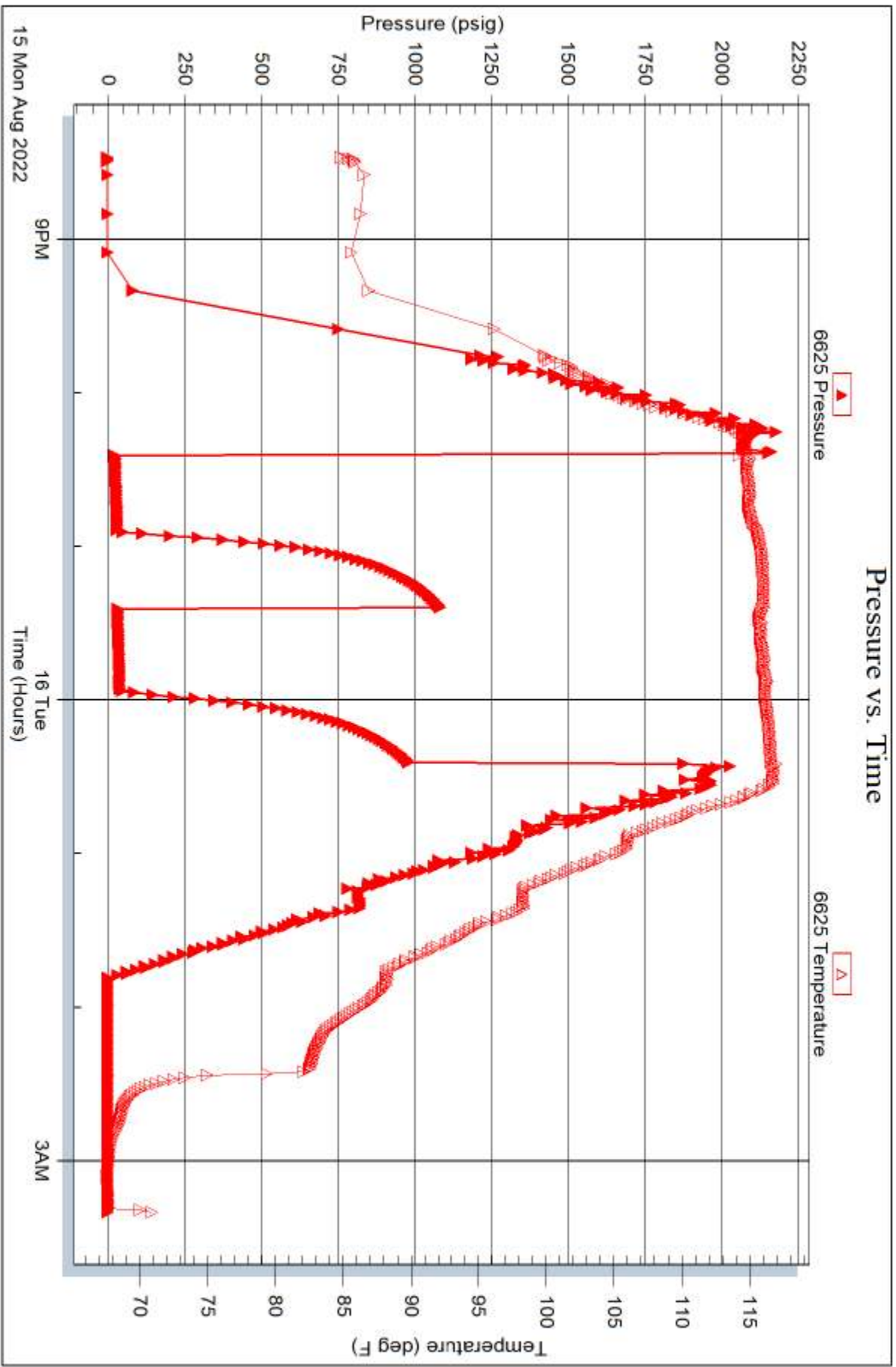
Serial #: 6625

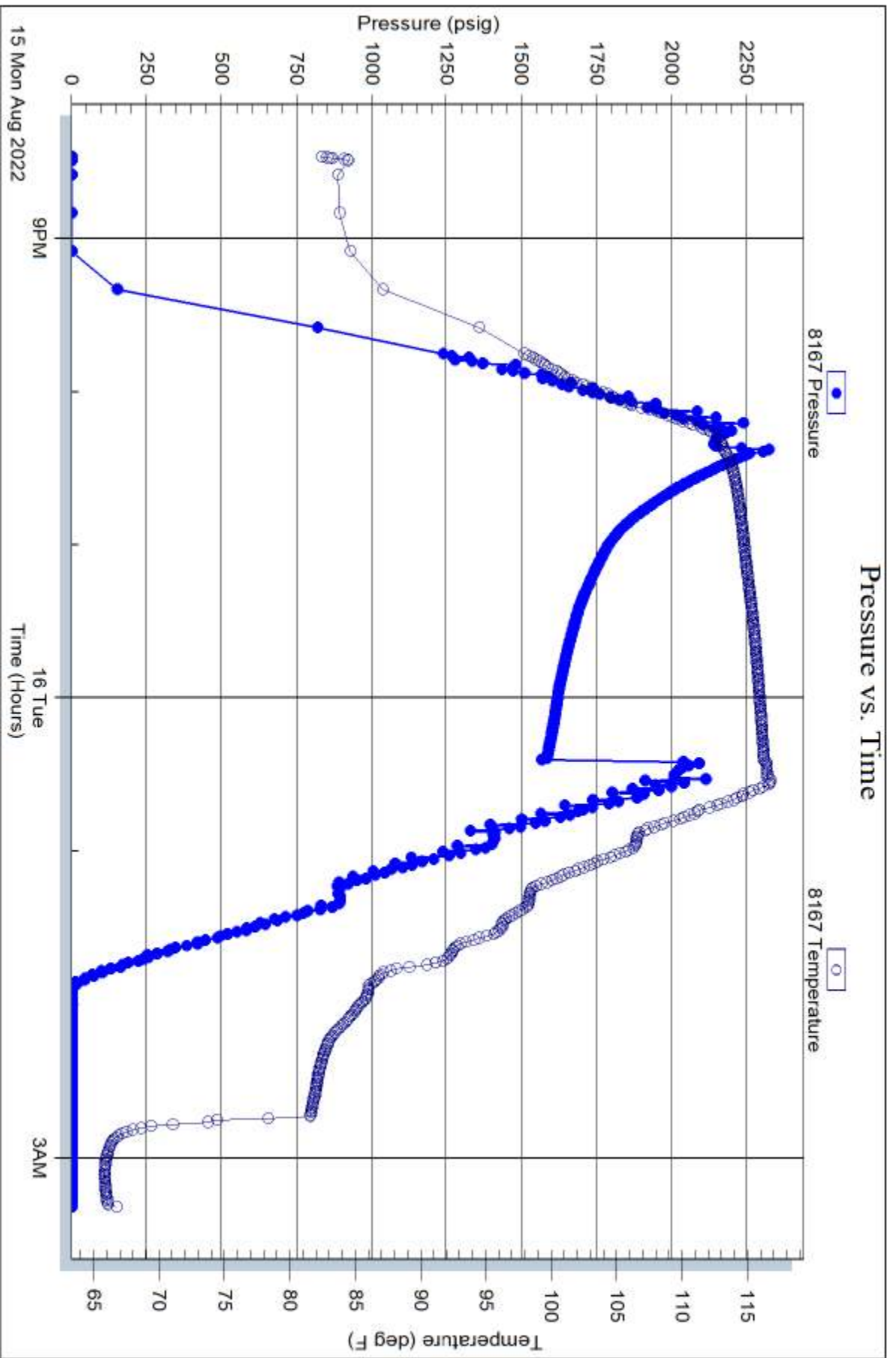
Inside

Palomino Petroleum Inc

Rodeo Time #1

DST Test Number: 3







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69011**

Well Name & No. Rodeo Time #1 Test No. 1 Date 8/14/22
 Company Palomino Petroleum Elevation 2654 KB 2648 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Chad Counts Rig Duke Rig #2
 Location: Sec. 20 Twp 16 Rge. 26 Co. Ness State KS

Interval Tested 4516 - 4592 Zone Tested Miss
 Anchor Length 76 Drill Pipe Run 4500 Mud Wt. 95
 Top Packer Depth 4511 Drill Collars Run 0 Vls 59
 Bottom Packer Depth 4516 Wt. Pipe Run 0 WL 6.0
 Total Depth 4592 Chlorides 2400 ppm System LCM 2#

Blow Description FF BOB in 26 min, built to 13 1/4"
S17 - No return
FF BOB in 30 min, built to 20 3/4"
S12 - 1/4" return

| Rec | Feet of | %gas | %oil | %water | %mud |
|-------------|-----------------|-------------|-------------|-------------|-------------|
| <u>127</u> | <u>GMCO</u> | <u>10</u> | <u>50</u> | <u>40</u> | <u>0</u> |
| <u>137</u> | <u>60</u> | <u>30</u> | <u>70</u> | <u>0</u> | <u>0</u> |
| <u> </u> | <u>250' GIP</u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> |

Rec Total 264 BHT 121 Gravity 41 API RW @ ° F Chlorides ppm

(A) Initial Hydrostatic 2371 Test 1950 T-On Location 06:35
 (B) First Initial Flow 30 Jars 300 T-Started 07:53
 (C) First Final Flow 60 Safety Joint T-Open 09:47
 (D) Initial Shut-In 132 Circ Sub N/A T-Pulled 12:47
 (E) Second Initial Flow 64 Hourly Standby T-Out 15:16
 (F) Second Final Flow 127 Mileage 105 157.50 Comments
 (G) Final Shut-In 1095 Sampler
 (H) Final Hydrostatic 2201 Straddle EM Tool

Initial Open 30 Shale Packer Ruined Shale Packer
 Initial Shut-In 30 Extra Packer Ruined Packer
 Final Flow 60 Extra Recorder Extra Copies
 Final Shut-In 60 Day Standby Sub Total 0
 Sub Total 2407.50 Accessibility Total 2407.50 MP/DST Disc't

Approved By Our Representative Dust Dy

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. **69012**

Well Name & No. Bodeo Time #1 Test No. 2 Date 8/14-15/22
 Company Palomino Petroleum Elevation 2654 KB 2648 GL
 Address 4924 SE 84th St Newton, KS 67114
 Co. Rep / Geo. Chad Counts Rig Duke Rig #2
 Location: Sec. 20 Twp 16 Rge. 26 Co. Ness State KS

Interval Tested 4589-4602 Zone Tested Migs
 Anchor Length 13 Drill Pipe Run 4564 Mud Wt. 9.5
 Top Packer Depth 4584 Drill Collars Run Ø Vis 59
 Bottom Packer Depth 4589 Wt. Pipe Run Ø WL 6.0
 Total Depth 4602 Chlorides 2400 ppm System LCM 2#

Blow Description FF- BOB in 21 min, built to 16"
S14- No return

FF- BOB in 27 min, built to 21 3/4"

S12- No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------------|-----------|------------|-------------|-------------|
| <u>10</u> | <u>Mud</u> | | | | <u>100%</u> |
| <u>305</u> | <u>water</u> | | | <u>100%</u> | |
| <u>63</u> | <u>OMCW</u> | | <u>10%</u> | <u>70%</u> | <u>20%</u> |
| <u>73</u> | <u>GO</u> | <u>5%</u> | <u>95%</u> | | |
| | <u>53 GIP</u> | | | | |

Rec Total 451 BHT 127 Gravity 91 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 2451 Test 1950 T-On Location 21:20
 (B) First Initial Flow 31 Jars 300 T-Started 22:15
 (C) First Final Flow 96 Safety Joint T-Open 00:31
 (D) Initial Shut-In 1185 Circ Sub NIA T-Pulled 03:31
 (E) Second Initial Flow 104 Hourly Standby T-Out 06:16
 (F) Second Final Flow 212 Mileage 105 157.50 Comments
 (G) Final Shut-In 1163 Sampler
 (H) Final Hydrostatic 2290 Straddle EM Tool -350
 Shale Packer Ruined Shale Packer
 Extra Packer Ruined Packer
 Extra Recorder Extra Copies
 Day Standby Sub Total -350
 Accessibility Total 2057.50
 Sub Total 2407.50 MP/DST Disc't

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60

Approved By Our Representative Dust Dy

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. **69013**

Well Name & No. Rodeo Time #1 Test No. 3 Date 8/15/22
 Company Palomino Petroleum Elevation 2654 KB 2648 GL
 Address 4924 SE 84th St. Newton, KS 67114
 Co. Rep / Geo. Chad Counts Rig Duke Rig #2
 Location: Sec. 20 Twp 16 Rge. 26 Co. NESS State KS

Interval Tested 4100-4230 Zone Tested LICC H-J
 Anchor Length 130 Drill Pipe Run 4088 Mud Wt. 9.4
 Top Packer Depth 4095 Drill Collars Run Ø Vis 58
 Bottom Packer Depth 4100 SP-4230 Wt. Pipe Run Ø WL 5.8
 Total Depth 4690 Chlorides 2400 ppm System LCM 1#

Blow Description 1F Built to 2 1/2"
S17- No return
FF- No blow
S12- No return

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|------------|------|------|------------|------|
| <u>40</u> | <u>Mud</u> | | | <u>100</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 40 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

| | | |
|-------------------------------------|---|---|
| (A) Initial Hydrostatic <u>2219</u> | <input checked="" type="checkbox"/> Test <u>1950</u> | T-On Location <u>19:45</u> |
| (B) First Initial Flow <u>31</u> | <input checked="" type="checkbox"/> Jars <u>300</u> | T-Started <u>20:28</u> |
| (C) First Final Flow <u>35</u> | <input checked="" type="checkbox"/> Safety Joint _____ | T-Open <u>22:24</u> |
| (D) Initial Shut-In <u>1087</u> | <input checked="" type="checkbox"/> Circ Sub <u>N/A</u> | T-Pulled <u>00:24</u> |
| (E) Second Initial Flow <u>37</u> | <input type="checkbox"/> Hourly Standby _____ | T-Out <u>03:20</u> |
| (F) Second Final Flow <u>43</u> | <input checked="" type="checkbox"/> Mileage <u>105</u> 157.50 | Comments _____ |
| (G) Final Shut-In <u>984</u> | <input type="checkbox"/> Sampler _____ | |
| (H) Final Hydrostatic <u>2049</u> | <input checked="" type="checkbox"/> Straddle <u>600</u> | <input checked="" type="checkbox"/> EM Tool <u>-175</u> |

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

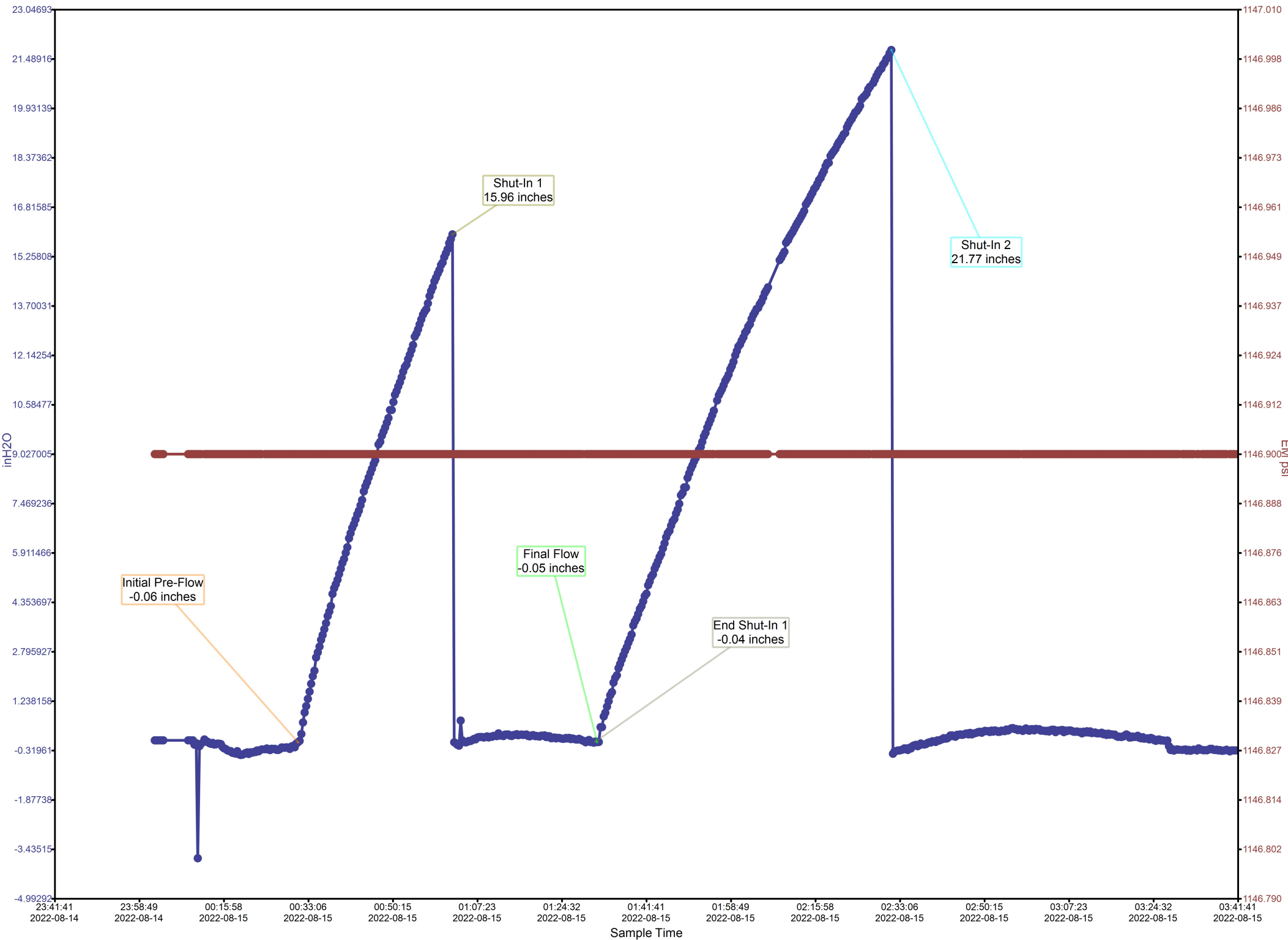
Sub Total 3007.50 MP/DST Disc't _____

Sub Total -175
 Total 2832.50

Approved By _____ Our Representative DUST DG

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.

Palomino Petroleum - Rodeo Time 1 - DST #2



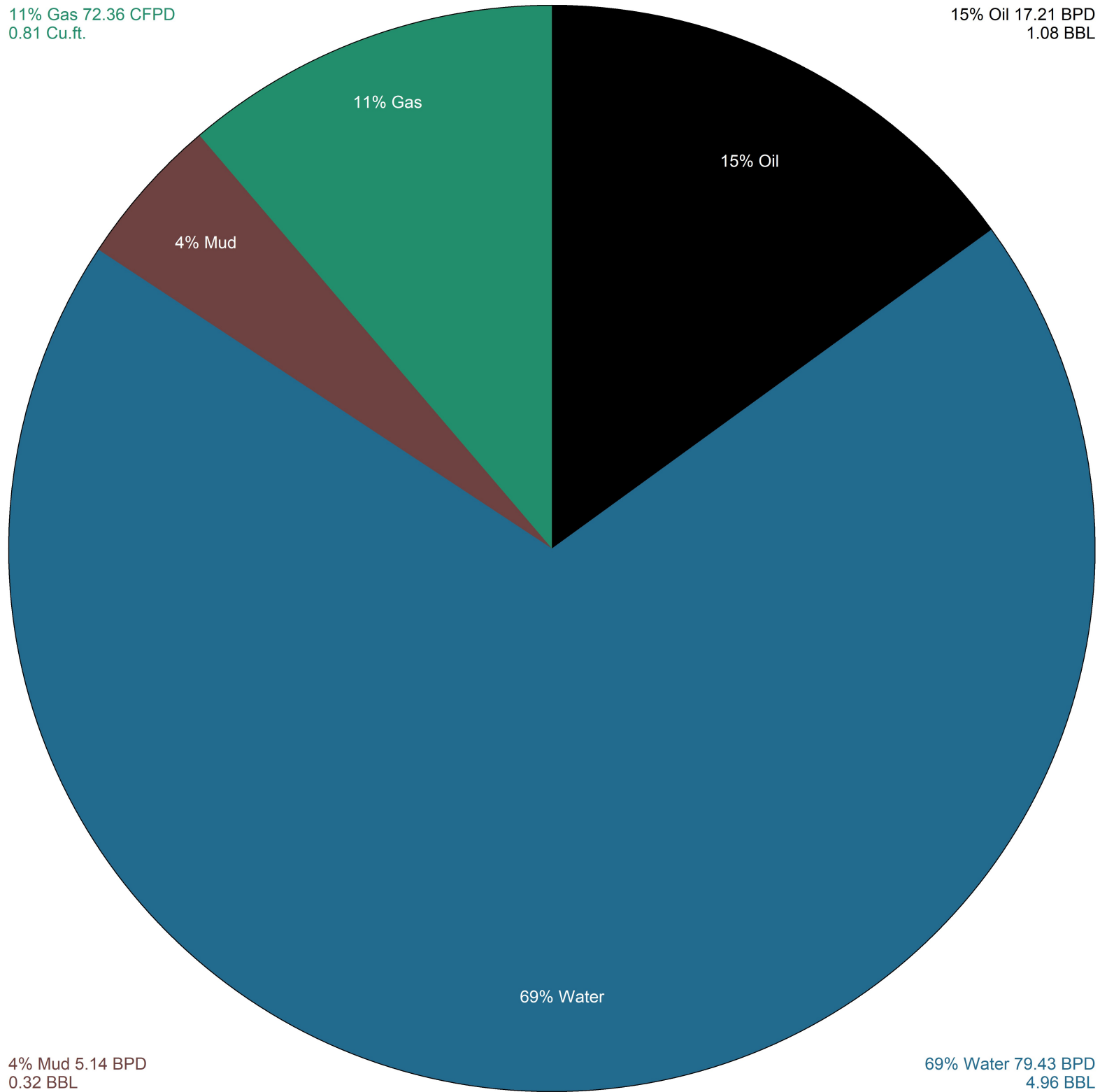
Calculated Recovery Analysis - Palomino Petroleum - Rodeo Time 1 - DST #2

11% Gas 72.36 CFPD
0.81 Cu.ft.

15% Oil 17.21 BPD
1.08 BBL

4% Mud 5.14 BPD
0.32 BBL

69% Water 79.43 BPD
4.96 BBL





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palominon Petroleum Inc

20_16_26 Ness, KS

4924 SE 84TH St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69012

DST#: 2

ATTN: Chad Counts

Test Start: 2022.08.14 @ 22:15:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:31:30

Time Test Ended: 06:15:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4589.00 ft (KB) To 4602.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4602.00 ft (KB) (TVD)

2648.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 211.57 psig @ 4590.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.14

End Date:

2022.08.15

Last Calib.: 2022.08.15

Start Time: 22:15:05

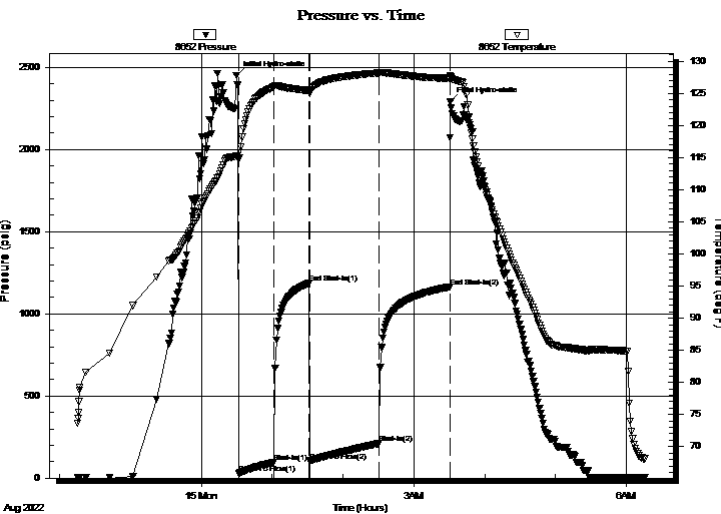
End Time:

06:15:29

Time On Btm: 2022.08.15 @ 00:29:30

Time Off Btm: 2022.08.15 @ 03:31:00

TEST COMMENT: IF-30- BOB in 21 min, built to 16"
SI1-30- No return
FF-60- BOB in 27 min, built to 21 3/4"
SI2-60- No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2450.58 | 115.24 | Initial Hydro-static |
| 2 | 30.85 | 114.77 | Open To Flow (1) |
| 32 | 96.42 | 126.02 | Shut-In(1) |
| 62 | 1185.35 | 125.43 | End Shut-In(1) |
| 63 | 104.29 | 125.22 | Open To Flow (2) |
| 121 | 211.57 | 128.18 | Shut-In(2) |
| 181 | 1163.24 | 127.32 | End Shut-In(2) |
| 182 | 2290.03 | 127.54 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 10.00 | mud 100% | 0.14 |
| 305.00 | w ater 100% | 4.28 |
| 63.00 | OMCW 10% oil 70% w ater 20% mud | 0.88 |
| 73.00 | GO 5% gas 95% oil | 1.02 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Palominon Petroleum Inc

20_16_26 Ness, KS

4924 SE 84TH St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69012

DST#: 2

ATTN: Chad Counts

Test Start: 2022.08.14 @ 22:15:00

GENERAL INFORMATION:

Formation: **Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:31:30

Time Test Ended: 06:15:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4589.00 ft (KB) To 4602.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4602.00 ft (KB) (TVD)

2648.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 4590.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.14

End Date:

2022.08.15

Last Calib.:

2022.08.15

Start Time: 22:15:05

End Time:

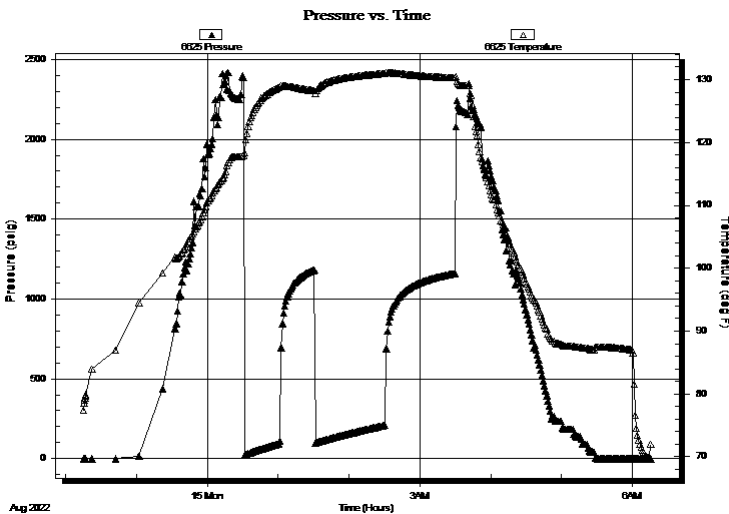
06:15:29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- BOB in 21 min, built to 16"
SI1-30- No return
FF-60- BOB in 27 min, built to 21 3/4"
SI2-60- No return

PRESSURE SUMMARY



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

Recovery

Gas Rates

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------------------|--------------|
| 10.00 | mud 100% | 0.14 |
| 305.00 | w ater 100% | 4.28 |
| 63.00 | OMCW 10% oil 70% w ater 20% mud | 0.88 |
| 73.00 | GO 5% gas 95% oil | 1.02 |
| | | |
| | | |

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palominon Petroleum Inc

20_16_26 Ness, KS

4924 SE 84TH St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69012

DST#: 2

ATTN: Chad Counts

Test Start: 2022.08.14 @ 22:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|---------------------------------|----------------|
| 10.00 | mud 100% | 0.140 |
| 305.00 | w ater 100% | 4.278 |
| 63.00 | OMCW 10% oil 70% w ater 20% mud | 0.884 |
| 73.00 | GO 5% gas 95% oil | 1.024 |

Total Length: 451.00 ft

Total Volume: 6.326 bbl

Num Fluid Samples: 0

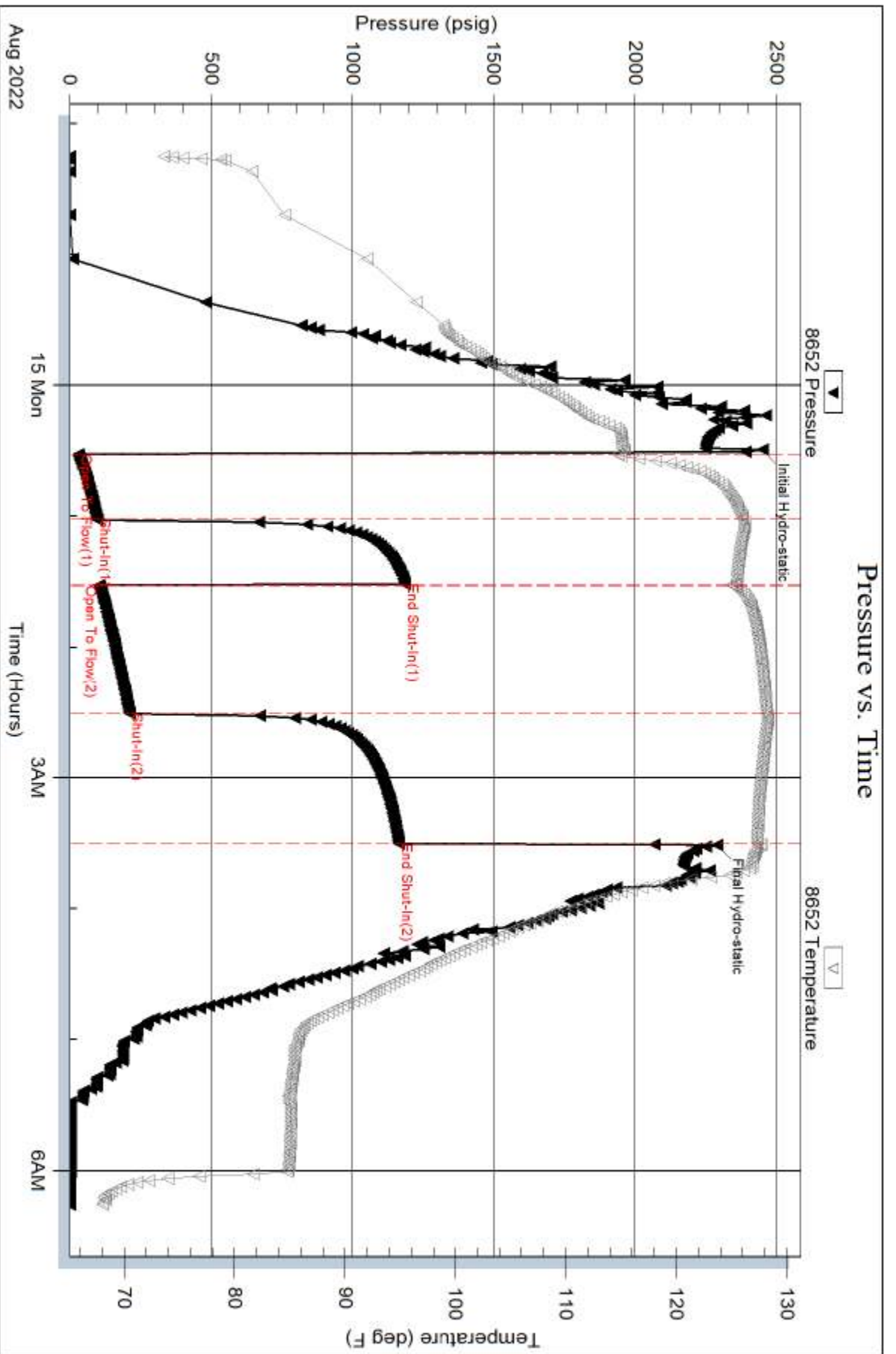
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM



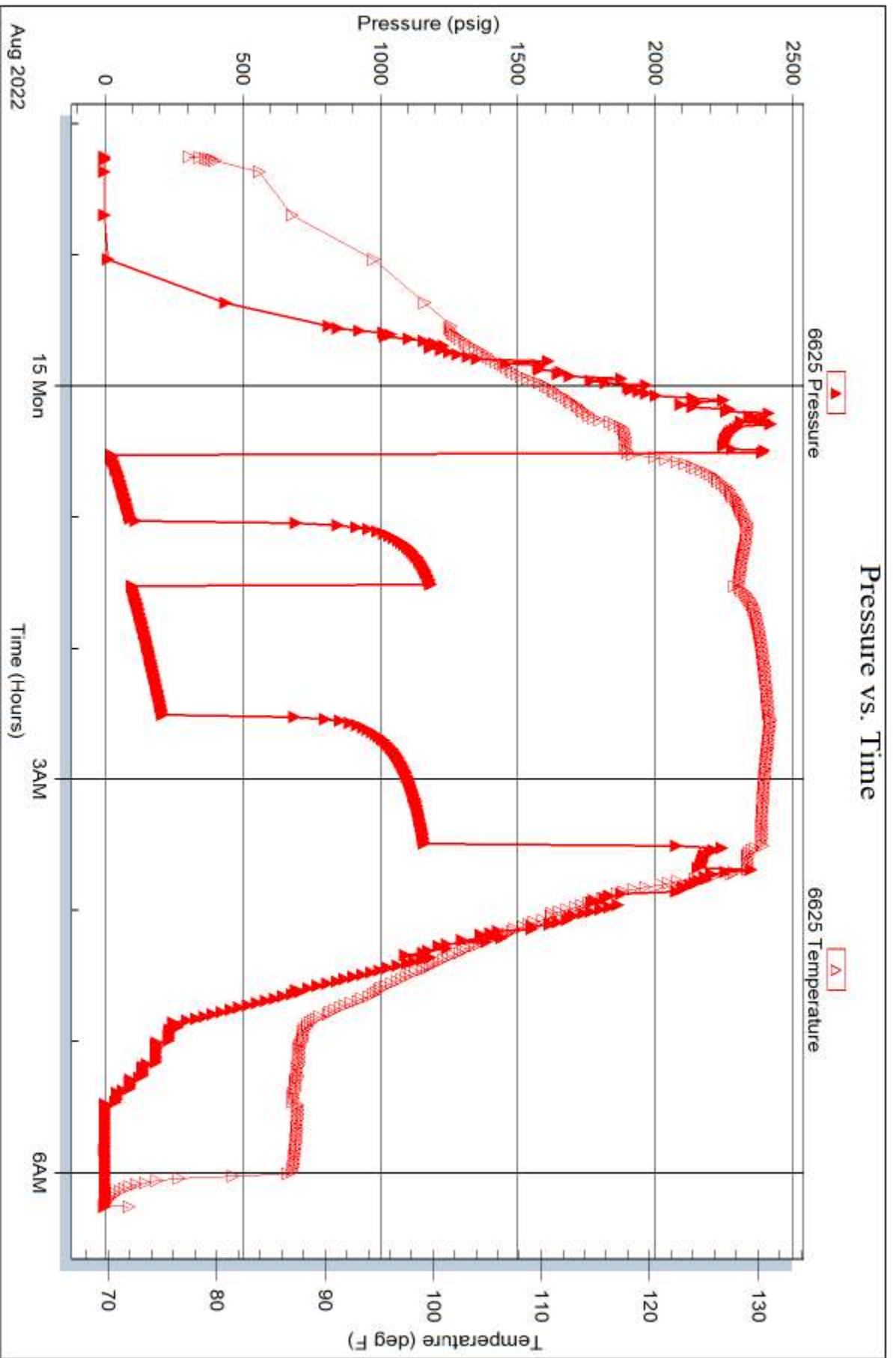
Serial #: 6625

Inside

Palominon Petroleum Inc

Rodeo Time #1

DST Test Number: 2

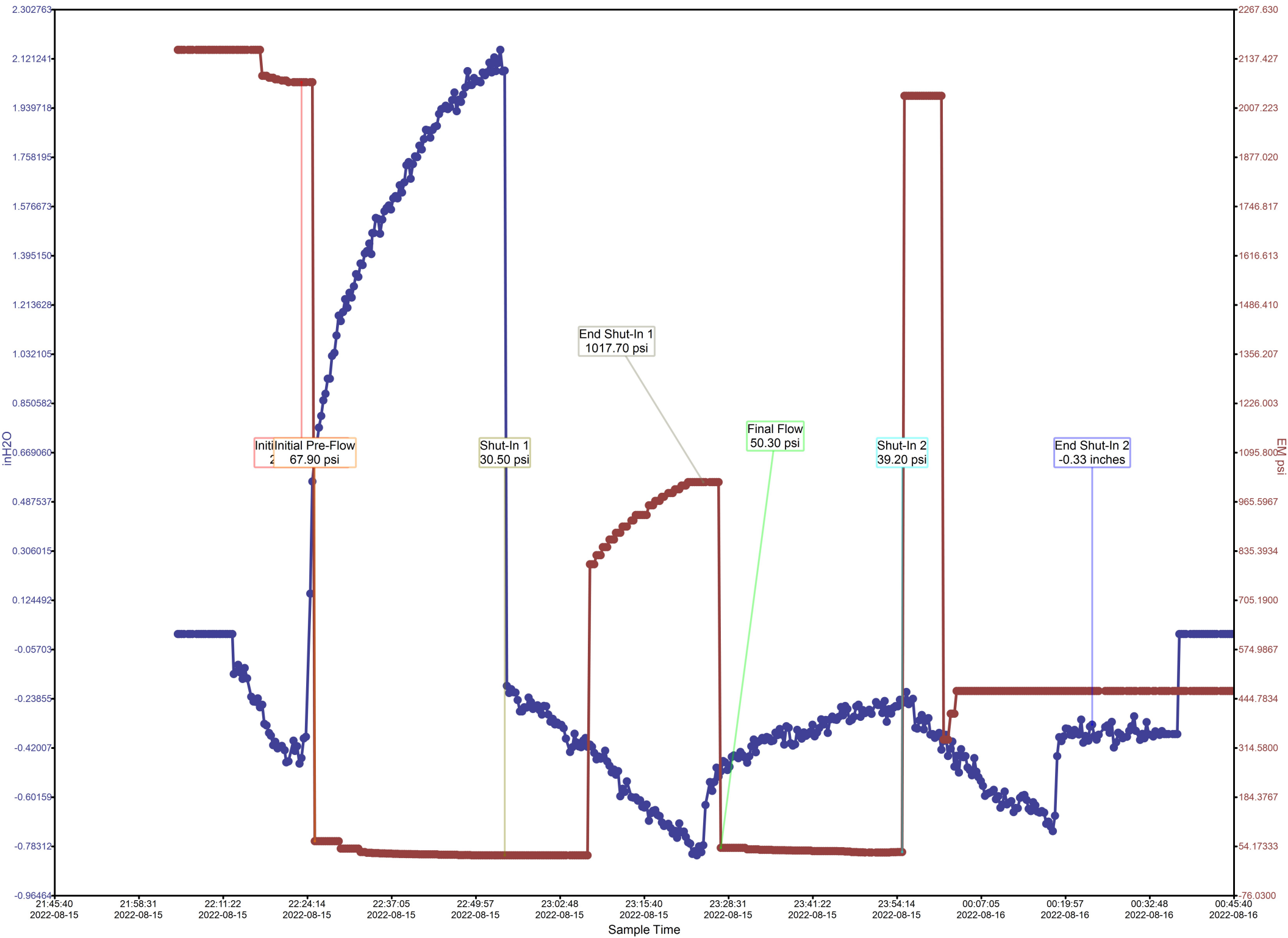


Trilobite Testing, Inc

Ref. No: 69012

Printed: 2022.08.15 @ 07:11:30

Palomino Petroleum - Rodeo Time 1 - DST #3





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Palominon Petroleum Inc

20_16_26 Ness, KS

4924 SE 84TH St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69013

DST#: 3

ATTN: Chad Counts

Test Start: 2022.08.15 @ 20:28:00

GENERAL INFORMATION:

Formation: **LKC H-J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:24:15

Time Test Ended: 03:19:30

Test Type: Conventional Straddle (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 4100.00 ft (KB) To 4230.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4690.00 ft (KB) (TVD)

2648.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 42.98 psig @ 4101.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.15

End Date:

2022.08.16

Last Calib.:

2022.08.16

Start Time: 20:28:05

End Time:

03:19:29

Time On Btm:

2022.08.15 @ 22:22:30

Time Off Btm:

2022.08.16 @ 00:25:30

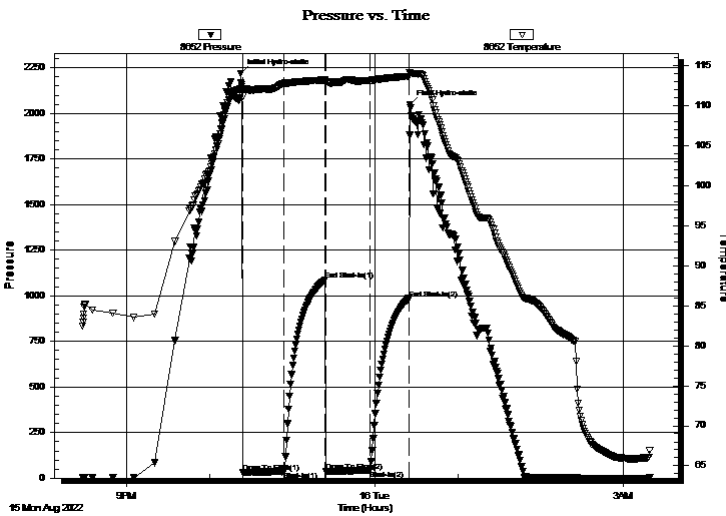
TEST COMMENT: IF-30- Built to 2 1/2"

SI1-30- No return

FF-30- No blow

SI2-30- No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2219.45 | 112.17 | Initial Hydro-static |
| 2 | 30.78 | 111.23 | Open To Flow (1) |
| 32 | 35.28 | 112.78 | Shut-In(1) |
| 62 | 1087.26 | 113.22 | End Shut-In(1) |
| 62 | 37.42 | 112.74 | Open To Flow (2) |
| 94 | 42.98 | 113.17 | Shut-In(2) |
| 122 | 984.14 | 113.68 | End Shut-In(2) |
| 123 | 2048.90 | 114.17 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 40.00 | mud 100% | 0.56 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Palominon Petroleum Inc

20_16_26 Ness, KS

4924 SE 84TH St.
New ton, KS 67114

Rodeo Time #1

Job Ticket: 69013

DST#: 3

ATTN: Chad Counts

Test Start: 2022.08.15 @ 20:28:00

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:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 40.00 | mud 100% | 0.561 |

Total Length: 40.00 ft Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

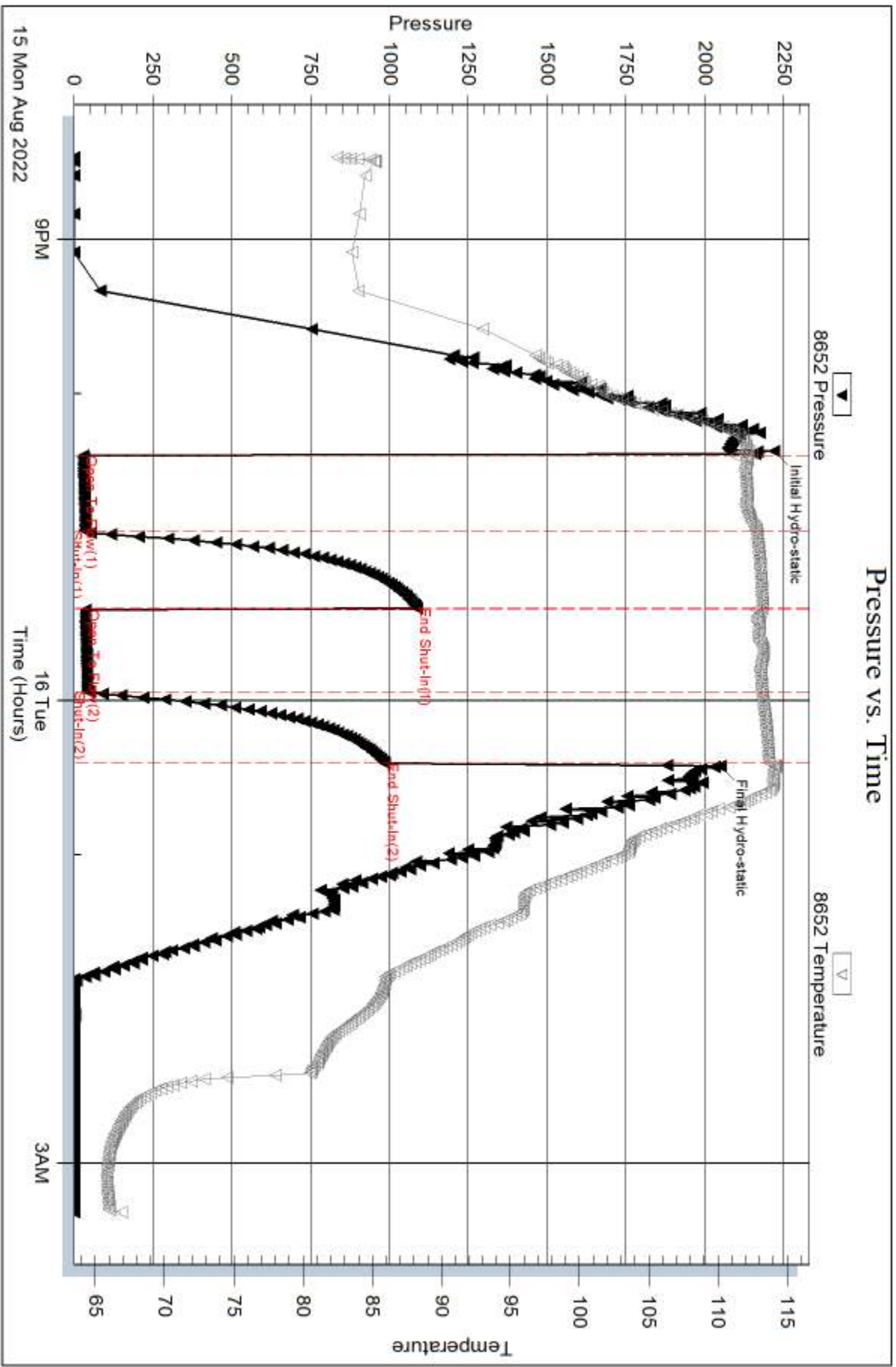
Recovery Comments: 1# LCM

Serial #: 8652

Outside Palominon Petroleum Inc

Rodeo Time #1

DST Test Number: 3



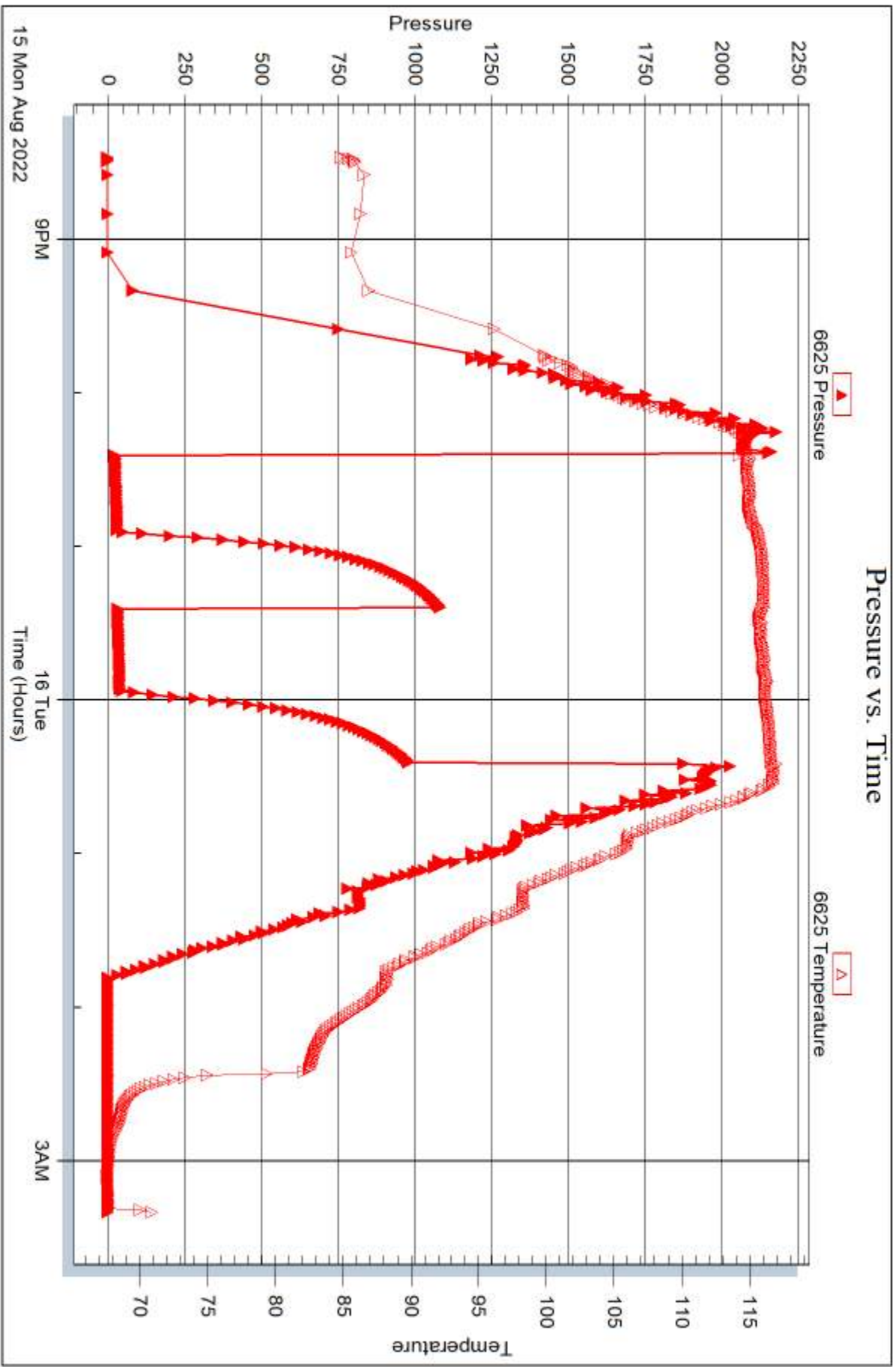
Serial #: 6625

Inside

Palominon Petroleum Inc

Rodeo Time #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 69013

Printed: 2022.08.16 @ 08:15:04

