

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 Recompletion Date \_\_\_\_\_ 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<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>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<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><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:<br><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:<br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | METHOD OF COMPLETION:<br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5) (Submit ACO-4)</i> | PRODUCTION INTERVAL:<br>Top Bottom |
|---|--|------------------------------------|

| Shots Per Foot | Perforation Top | Perforation Bottom | Bridge Plug Type | Bridge Plug Set At | Acid, Fracture, Shot, Cementing Squeeze Record<br><i>(Amount and Kind of Material Used)</i> |
|----------------|-----------------|--------------------|------------------|--------------------|---|
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |
|                |                 |                    |                  |                    |   |

|                |       |         |            |  |
|----------------|-------|---------|------------|--|
| TUBING RECORD: | Size: | Set At: | Packer At: |  |
|----------------|-------|---------|------------|--|

|           |                        |
|-----------|------------------------|
| Form      | ACO1 - Well Completion |
| Operator  | American Warrior, Inc. |
| Well Name | LEE 1-25               |
| Doc ID    | 1669320                |

Tops

| Name          | Top  | Datum |
|---------------|------|-------|
| Anhydrite     | 1482 | 842   |
| Base          | 1518 | 806   |
| Chase         | 2414 | -90   |
| Towanda       | 2525 | -201  |
| Heebner       | 3849 | -1525 |
| Lansing       | 3908 | -1584 |
| BKC           | 4274 | -1950 |
| Marmaton      | 4296 | 1972  |
| Fort Scott    | 4449 | -2125 |
| Cherokee      | 4474 | -2150 |
| Mississippian | 4524 | -2200 |
| Osage         | 4552 | -2228 |
| RTD           | 4587 | -2263 |





## DRILL STEM TEST REPORT

Prepared For: **American Warrior Inc.**

PO Box 399  
Garden City, KS 67846

ATTN: Jason Alm

### **Lee #1-25**

#### **25-22s-23w Hodgeman,KS**

Start Date: 2022.05.09 @ 10:39:00

End Date: 2022.05.09 @ 17:31:02

Job Ticket #: 66079                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2022.05.10 @ 15:08:39



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

American Warrior Inc.  
PO Box 399  
Garden City, KS 67846  
ATTN: Jason Alm

**25-22s-23w Hodgeman,KS**

**Lee #1-25**

Job Ticket: 66079

**DST#: 1**

Test Start: 2022.05.09 @ 10:39:00

## GENERAL INFORMATION:

Formation: **Miss. Osage**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:01:02

Time Test Ended: 17:31:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Webster

Unit No: 72

**Interval: 4493.00 ft (KB) To 4587.00 ft (KB) (TVD)**

Reference Elevations: 2324.00 ft (KB)

Total Depth: 4587.00 ft (KB) (TVD)

2316.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6755 Outside**

Press@RunDepth: 83.45 psig @ 4584.00 ft (KB)

Capacity: psig

Start Date: 2022.05.09

End Date:

2022.05.09

Last Calib.:

2022.05.09

Start Time: 10:39:01

End Time:

17:31:02

Time On Btm:

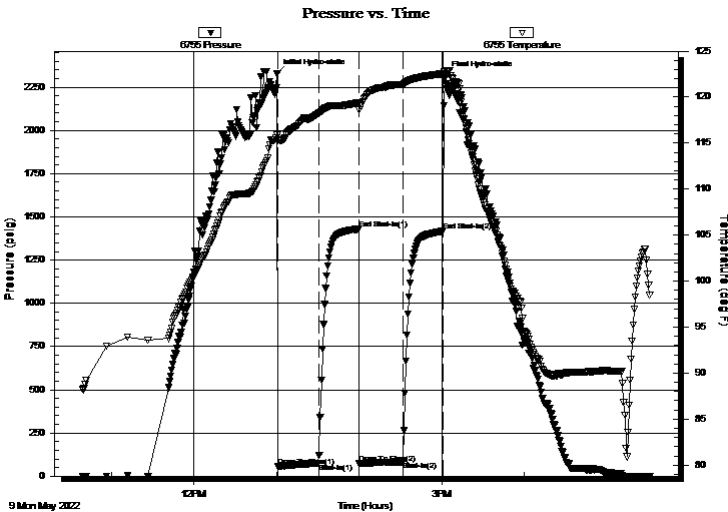
2022.05.09 @ 13:00:17

Time Off Btm:

2022.05.09 @ 15:02:17

TEST COMMENT: 30 min IF- WSB built to 1.5".  
30 min ISI- No returns  
30 min FF- WSB built to 1.5"  
30 min FSI-No returns

## PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2327.43         | 115.88       | Initial Hydro-static |
| 1           | 56.04           | 115.33       | Open To Flow (1)     |
| 31          | 74.15           | 118.19       | Shut-In(1)           |
| 60          | 1429.34         | 119.35       | End Shut-In(1)       |
| 60          | 72.74           | 118.63       | Open To Flow (2)     |
| 92          | 83.45           | 121.40       | Shut-In(2)           |
| 121         | 1417.18         | 122.57       | End Shut-In(2)       |
| 122         | 2314.15         | 122.79       | Final Hydro-static   |

## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 62.00       | 100% Mud    | 0.59         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

## Gas Rates

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



# DRILL STEM TEST REPORT

American Warrior Inc.  
 PO Box 399  
 Garden City, KS 67846  
 ATTN: Jason Alm

**25-22s-23w Hodgeman, KS**

**Lee #1-25**

Job Ticket: 66079

**DST#: 1**

Test Start: 2022.05.09 @ 10:39:00

## GENERAL INFORMATION:

Formation: **Miss. Osage**

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 13:01:02 Tester: Kevin Webster

Time Test Ended: 17:31:02 Unit No: 72

**Interval: 4493.00 ft (KB) To 4587.00 ft (KB) (TVD)** Reference Elevations: 2324.00 ft (KB)

Total Depth: 4587.00 ft (KB) (TVD) 2316.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

**Serial #: 6752**

**Outside**

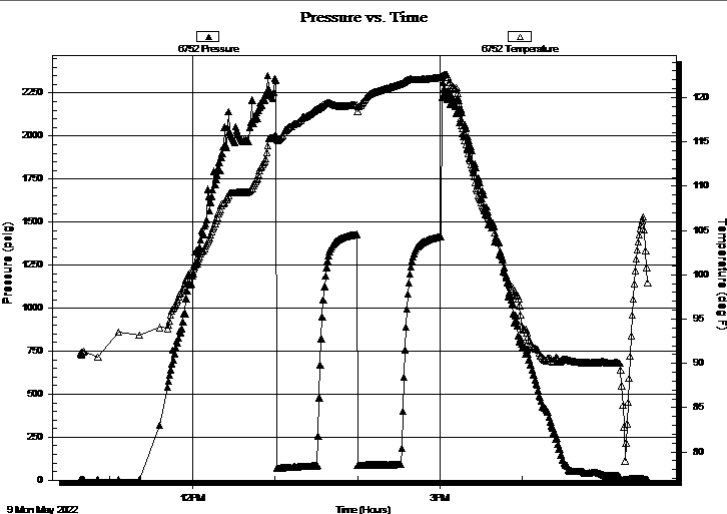
Press@RunDepth: psig @ 4584.00 ft (KB) Capacity: psig

Start Date: 2022.05.09 End Date: 2022.05.09 Last Calib.: 2022.05.09

Start Time: 10:39:01 End Time: 17:31:02 Time On Btm:

Time Off Btm:

**TEST COMMENT:** 30 min IF- WSB built to 1.5".  
 30 min ISI- No returns  
 30 min FF- WSB built to 1.5"  
 30 min FSI- No returns



## PRESSURE SUMMARY

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

## Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 62.00       | 100% Mud    | 0.59         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

American Warrior Inc.

**25-22s-23w Hodgeman,KS**

PO Box 399  
Garden City, KS 67846

**Lee #1-25**

Job Ticket: 66079

**DST#: 1**

ATTN: Jason Alm

Test Start: 2022.05.09 @ 10:39:00

## Tool Information

|                           |                    |                       |                                |                                    |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe:               | Length: 4455.00 ft | Diameter: 3.80 inches | Volume: 62.49 bbl              | Tool Weight: 2000.00 lb            |
| Heavy Wt. Pipe:           | Length: 0.00 ft    | Diameter: inches      | Volume: 0.00 bbl               | Weight set on Packer: 25000.00 lb  |
| Drill Collar:             | Length: 31.00 ft   | Diameter: 2.25 inches | Volume: 0.15 bbl               | Weight to Pull Loose: 68000.00 lb  |
|                           |                    |                       | <u>Total Volume: 62.64 bbl</u> | Tool Chased 0.00 ft                |
| Drill Pipe Above KB:      | 20.00 ft           |                       |                                | String Weight: Initial 64000.00 lb |
| Depth to Top Packer:      | 4493.00 ft         |                       |                                | Final 66000.00 lb                  |
| Depth to Bottom Packer:   | ft                 |                       |                                |                                    |
| Interval between Packers: | 94.00 ft           |                       |                                |                                    |
| Tool Length:              | 121.00 ft          |                       |                                |                                    |
| Number of Packers:        | 2                  | Diameter: 6.75 inches |                                |                                    |

Tool Comments:

## Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths                |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Shut In Tool     | 5.00        |            |          | 4471.00    |                               |
| Hydraulic tool   | 5.00        |            |          | 4476.00    |                               |
| Jars             | 5.00        |            |          | 4481.00    |                               |
| Safety Joint     | 3.00        |            |          | 4484.00    |                               |
| Packer           | 5.00        |            |          | 4489.00    | 27.00 Bottom Of Top Packer    |
| Packer           | 4.00        |            |          | 4493.00    |                               |
| Stubb            | 1.00        |            |          | 4494.00    |                               |
| Perforations     | 25.00       |            |          | 4519.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4520.00    |                               |
| Drill Pipe       | 63.00       |            |          | 4583.00    |                               |
| Change Over Sub  | 1.00        |            |          | 4584.00    |                               |
| Recorder         | 0.00        | 6755       | Outside  | 4584.00    |                               |
| Recorder         | 0.00        | 6752       | Outside  | 4584.00    |                               |
| Bullnose         | 3.00        |            |          | 4587.00    | 94.00 Bottom Packers & Anchor |

**Total Tool Length: 121.00**





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

American Warrior Inc.

**25-22s-23w Hodgeman,KS**

PO Box 399  
Garden City, KS 67846

**Lee #1-25**

Job Ticket: 66079

**DST#: 1**

ATTN: Jason Alm

Test Start: 2022.05.09 @ 10:39:00

## 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: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbl |
|--------------|-------------|---------------|
| 62.00        | 100% Mud    | 0.587         |

Total Length: 62.00 ft

Total Volume: 0.587 bbl

Num Fluid Samples: 0

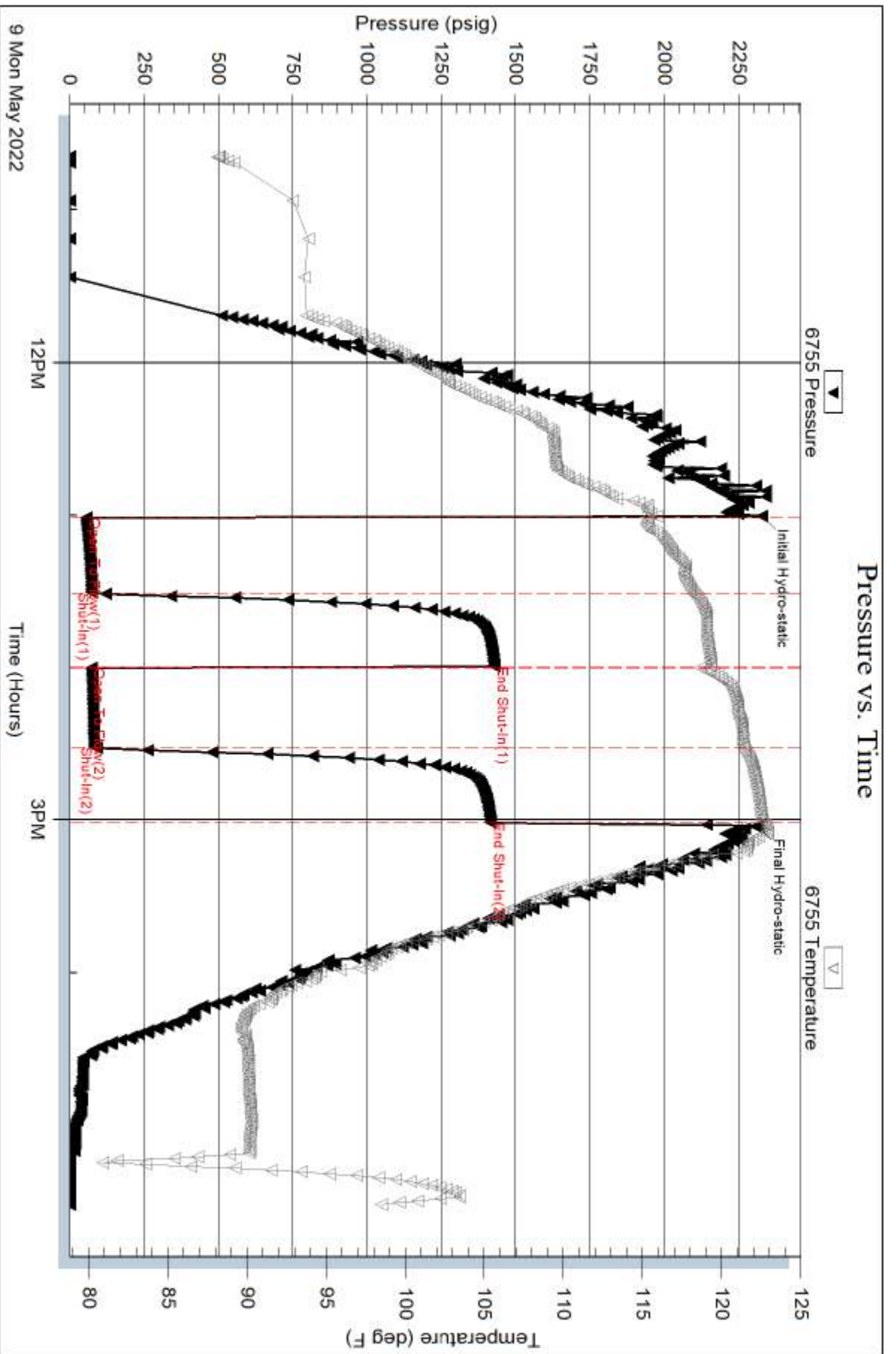
Num Gas Bombs: 0

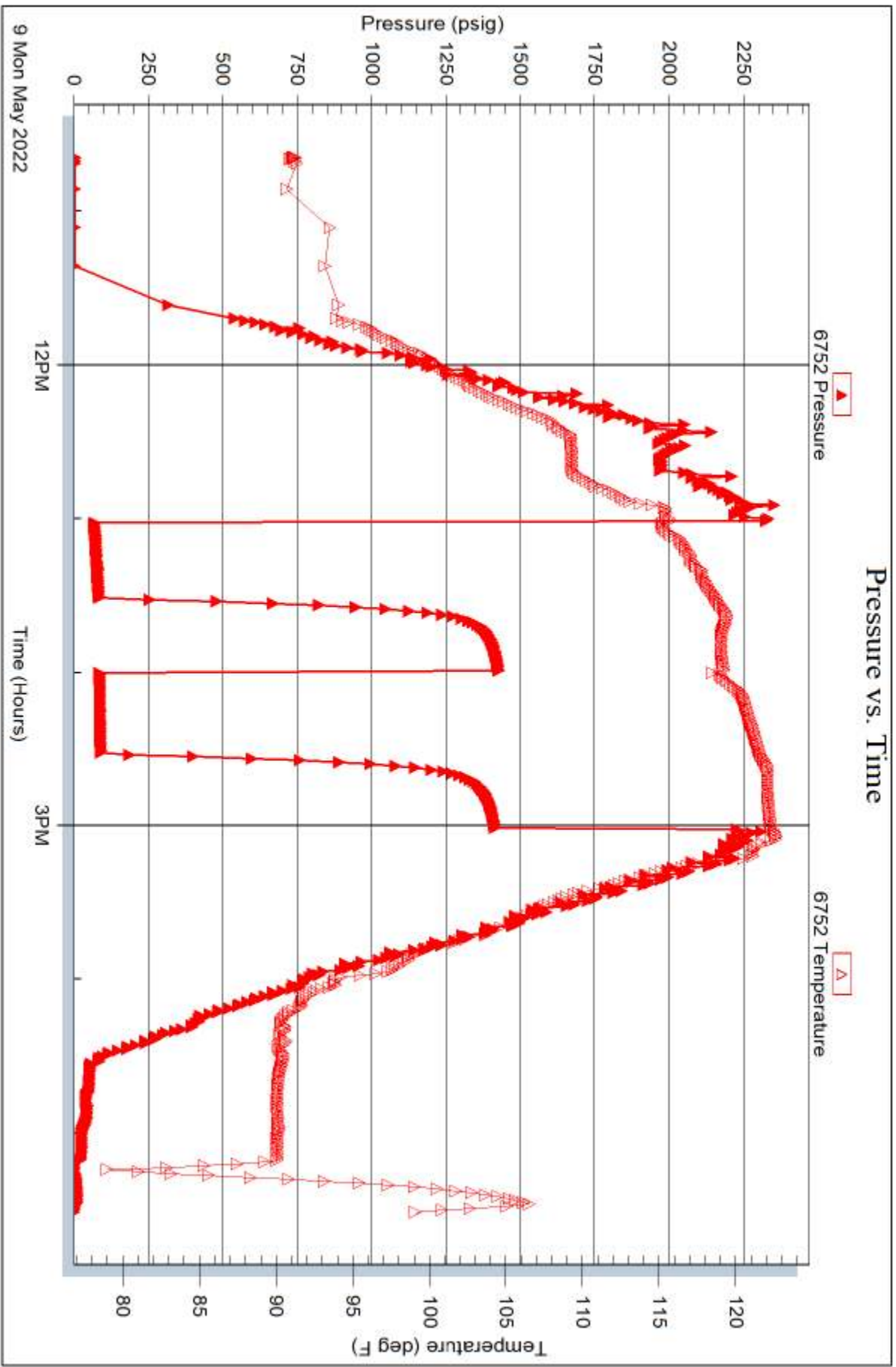
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1#LCM







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69079

Well Name & No. Lee #1-29 Test No. 1 Date 7/19/72  
 Company American Warrior Inc. Elevation 2324 KB 2316 GL  
 Address Pobox 340 Gaddencity, KS 67846  
 Co. Rep / Geo. Jagan Alm Rig Discovery #4  
 Location: Sec. 25 Twp 22S Rge. 23W Co. Hodgeman State KS

Interval Tested 4493 - 4587 Zone Tested Miss. O Sage  
 Anchor Length 94 Drill Pipe Run 4453 Mud Wt. 9.1  
 Top Packer Depth 4488 Drill Collars Run 30 Vls 57  
 Bottom Packer Depth 4493 Wt. Pipe Run 0 WL 7.7  
 Total Depth 4587 Chlorides 5200 ppm System LCM 1#

Blow Description IF - W/SB 6 in 15 to 1.5"  
ISF - NO RETURNS  
FSF - W/SB  
FISF - NO RETURNS

| Rec       | Feet of    | %gas | %oil | %water     | %mud |
|-----------|------------|------|------|------------|------|
| <u>62</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 \_\_\_\_\_ BHT 122 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2327  Test 1950 T-On Location 09:15  
 (B) First Initial Flow 56  Jars 300 T-Started 10:39  
 (C) First Final Flow 74  Safety Joint \_\_\_\_\_ T-Open 13:01  
 (D) Initial Shut-In 1429  Circ Sub \_\_\_\_\_ T-Pulled 15:01  
 (E) Second Initial Flow 72  Hourly Standby \_\_\_\_\_ T-Out 17:30  
 (F) Second Final Flow 83  Mileage 160rt 240 Comments \_\_\_\_\_  
 (G) Final Shut-In 1417  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2314  Straddle \_\_\_\_\_  EM Tool -350

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Final Flow 30  Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Shut-In 30  Day Standby \_\_\_\_\_ Sub Total -350  
 Sub Total 2490  Accessibility \_\_\_\_\_ Total 2140  
 MP/DST Disc't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

**OPERATOR**

Company: American Warrior, Inc.  
 Address: 3118 Cummings Rd.

Contact Geologist: Kevin Timson  
 Contact Phone Nbr:  
 Well Name: Lee #1-25  
 Location:  
 API:  
 Pool:  
 State:

Field:  
 Country:

Scale 1:240 Imperial

Well Name: Lee #1-25  
 Surface Location:  
 Bottom Location:  
 API:  
 License Number:  
 Spud Date: 5/4/2022  
 Region:  
 Drilling Completed:  
 Surface Coordinates:  
 Bottom Hole Coordinates:  
 Ground Elevation: 8.00ft  
 K.B. Elevation: 2324.00ft  
 Logged Interval: 0.00ft  
 Total Depth: 0.00ft  
 Formation: Miss  
 Drilling Fluid Type:

Time: 1:00 PM  
 Time:  
 To: 0.00ft

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: 0  
 Latitude: 0  
 N/S Co-ord:  
 E/W Co-ord:

**LOGGED BY**

Company: Hard Rock Consulting, Inc.  
 Address: P.O. Box 1260  
 Hays, KS 67601

Phone Nbr: 785-635-5586  
 Logged By: Geologist

Name: Jason T Alm

**CONTRACTOR**

Contractor: Discovery Drilling Co., Inc.  
 Rig #: 4  
 Rig Type:  
 Spud Date: 5/4/2022  
 TD Date:  
 Rig Release:

Time: 1:00 PM  
 Time:  
 Time:

### ELEVATIONS

K.B. Elevation: 2324.00ft  
K.B. to Ground: 2316.00ft

Ground Elevation: 8.00ft

### NOTES

| Well Comparison | K.B. 2324'  |                     |           |
|-----------------|-------------|---------------------|-----------|
|                 | Lee #1-25   | O'Brate-Stein #1-25 | McLean #1 |
| Anhydrite       | 1482' +842  | NA                  | +839 +3   |
| Base            | 1518' +806  | NA                  | NA        |
| Chase Towanda   | 2525' -201  | NA                  | NA        |
| Heebner         | 3849' -1525 | NA                  | -1543 +18 |
| Lansing         | 3908' -1584 | -1594 +10           | -1605 +21 |
| BKC             | 4274' -1950 | -1959 +9            | NA        |
| Marmaton        | 4296' -1972 | -1981 +9            | -1991 +19 |
| Fort Scott      | 4449' -2125 | -2137 +12           | -2144 +19 |
| Cherokee        | 4474' -2150 | -2162 +12           | -2168 +18 |
| Mississippian   | 4524' -2200 | -2209 +9            | -2234 +34 |
| Osage           | 4552' -2228 | -2239 +11           | -2269 +39 |

### ROCK TYPES

|         |            |            |            |
|---------|------------|------------|------------|
| Dolprim | Lmst fw7>  | shale, gry | shale, red |
| Dolsec  | shale, grn | Carbon Sh  |            |

### ACCESSORIES

#### MINERAL

- ▲ Chert, dark
- △ Chert White

#### STRINGER

- ⋯ Chert
- ▬ Shale
- ▬ green shale

### OTHER SYMBOLS

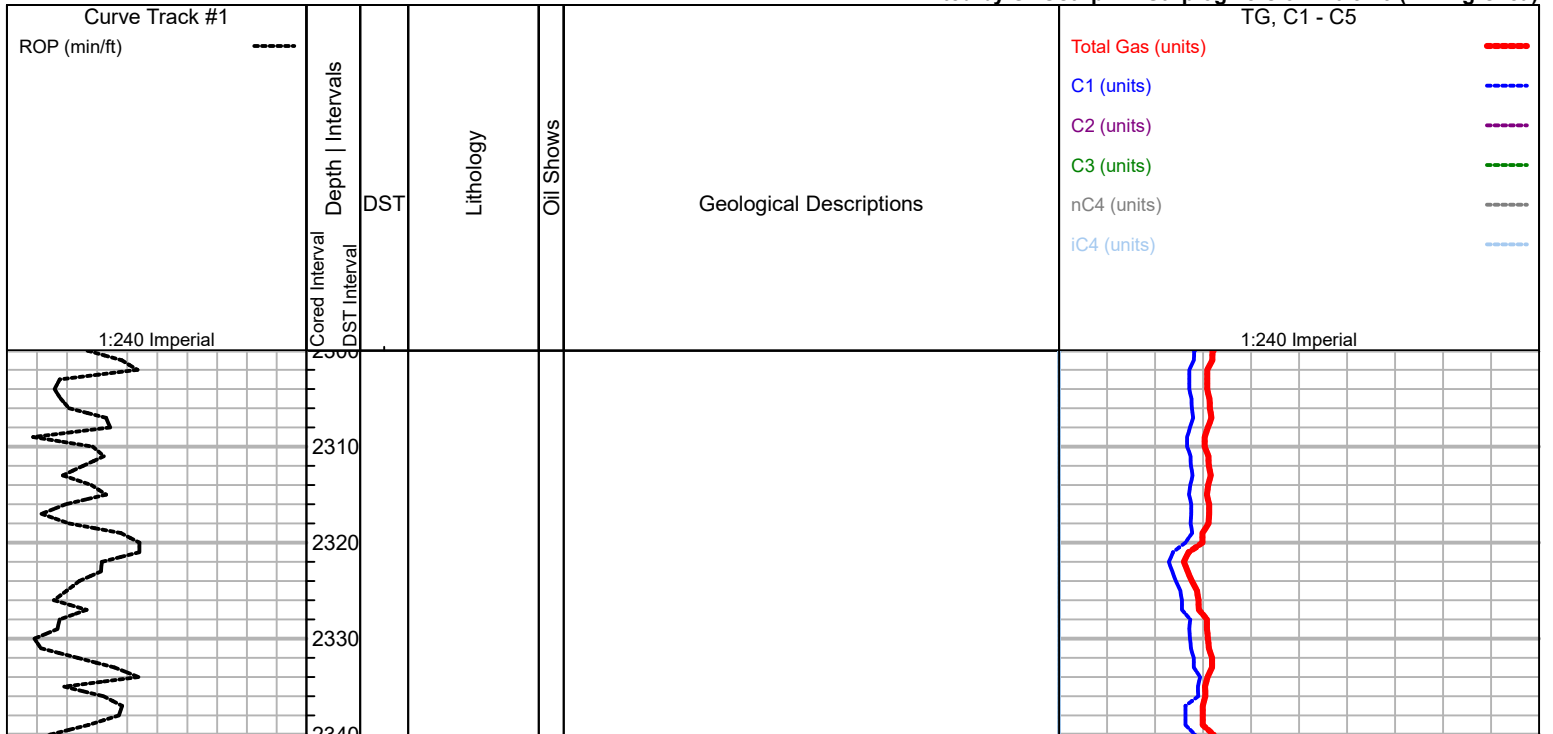
#### OIL SHOWS

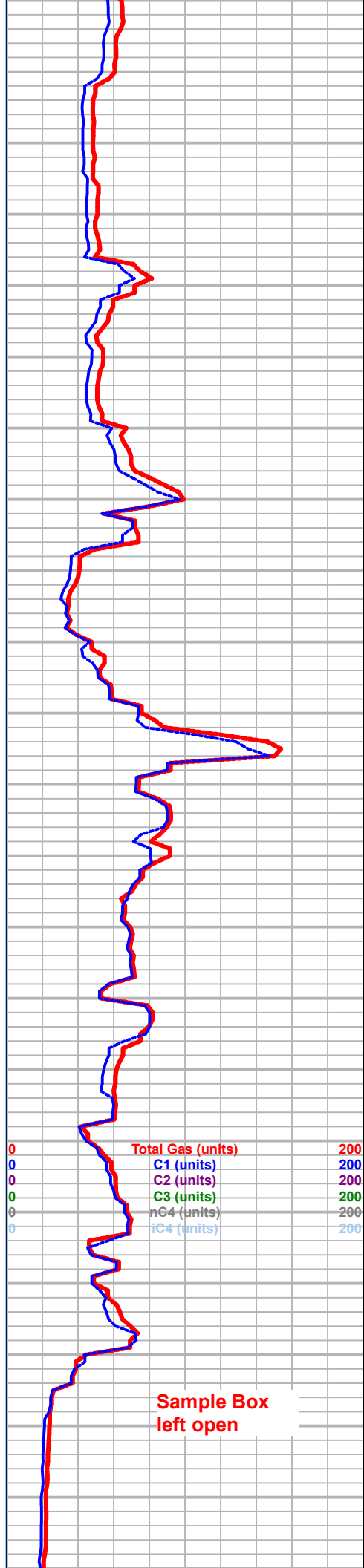
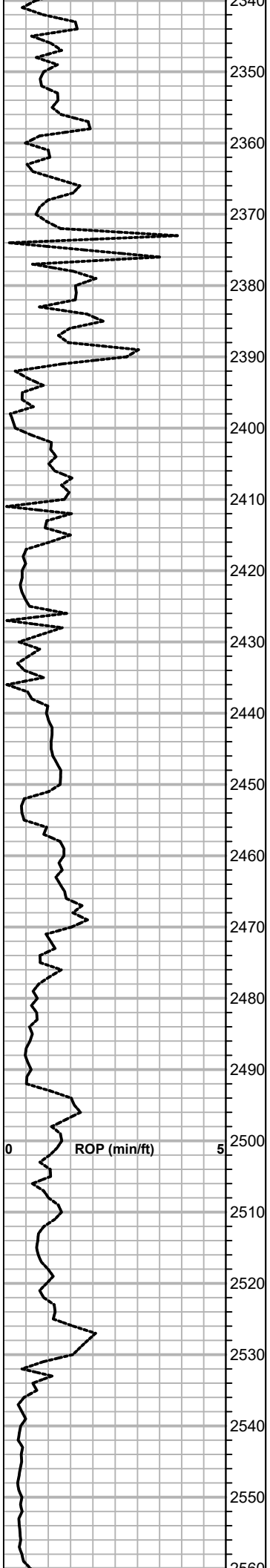
- Even Stn
- Spotted Stn 50 - 75 %
- Spotted Stn 25 - 50 %
- Spotted Stn 1 - 25 %
- Questionable Stn
- D Dead Oil Stn
- Fluorescence

#### DST

- DST Int
- DST alt
- Core
- ▬ tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

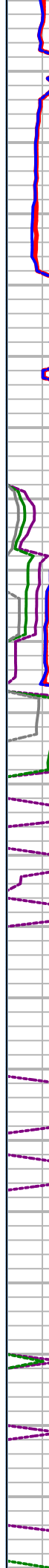
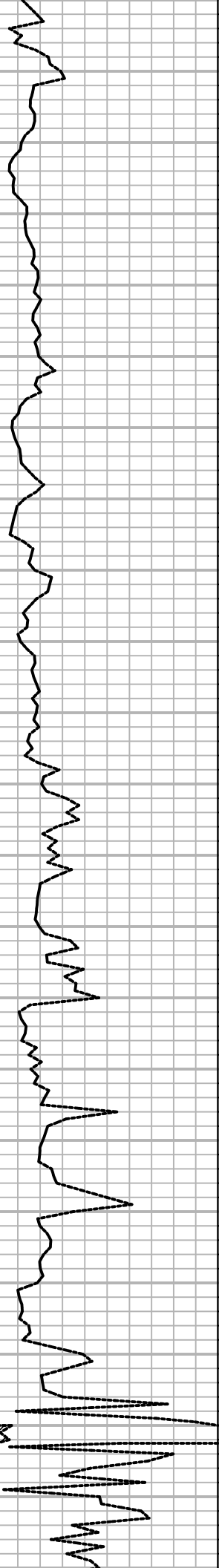




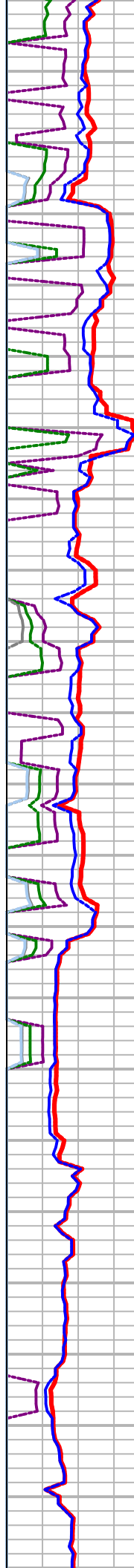
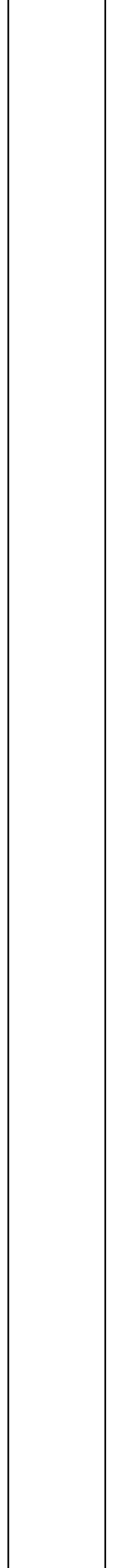
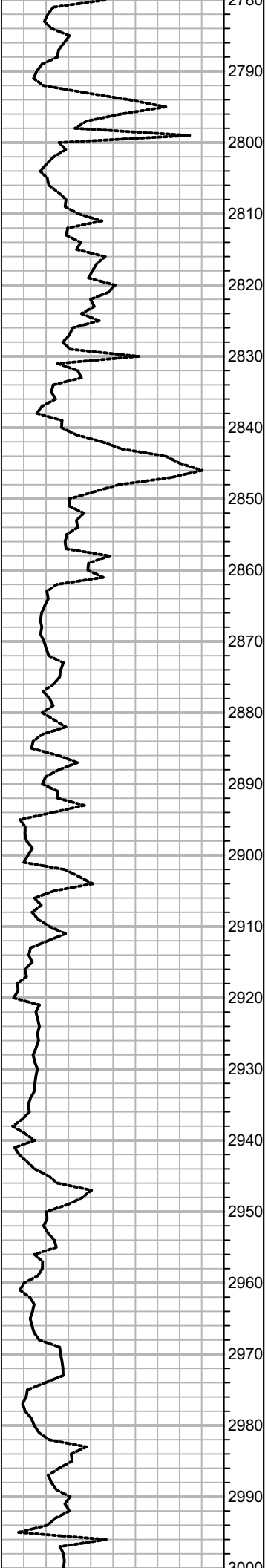
Towanda 2525' -201

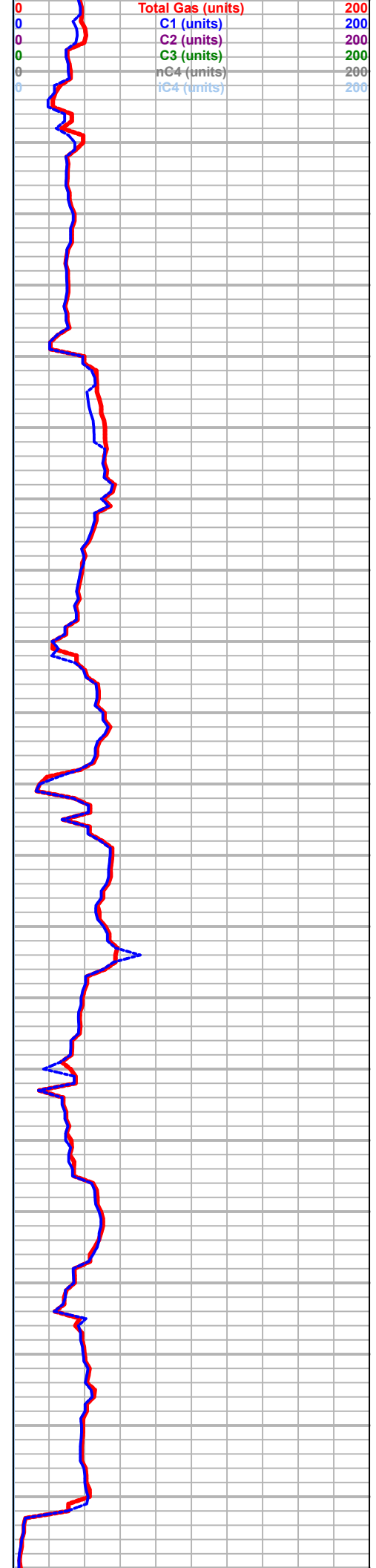
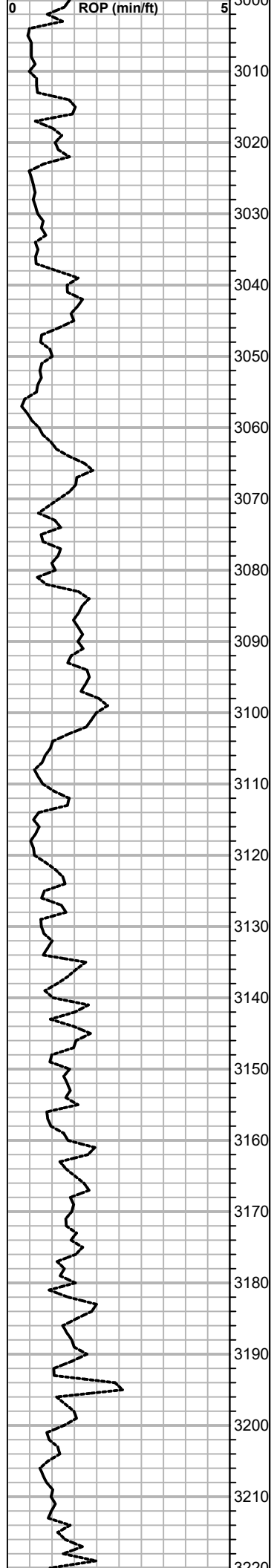
Sample Box  
left open

2500  
2570  
2580  
2590  
2600  
2610  
2620  
2630  
2640  
2650  
2660  
2670  
2680  
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2780

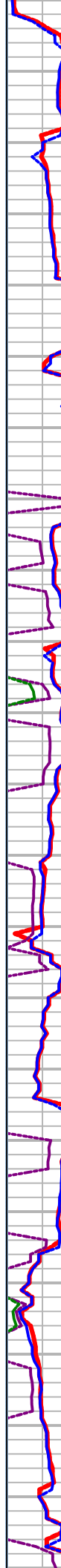


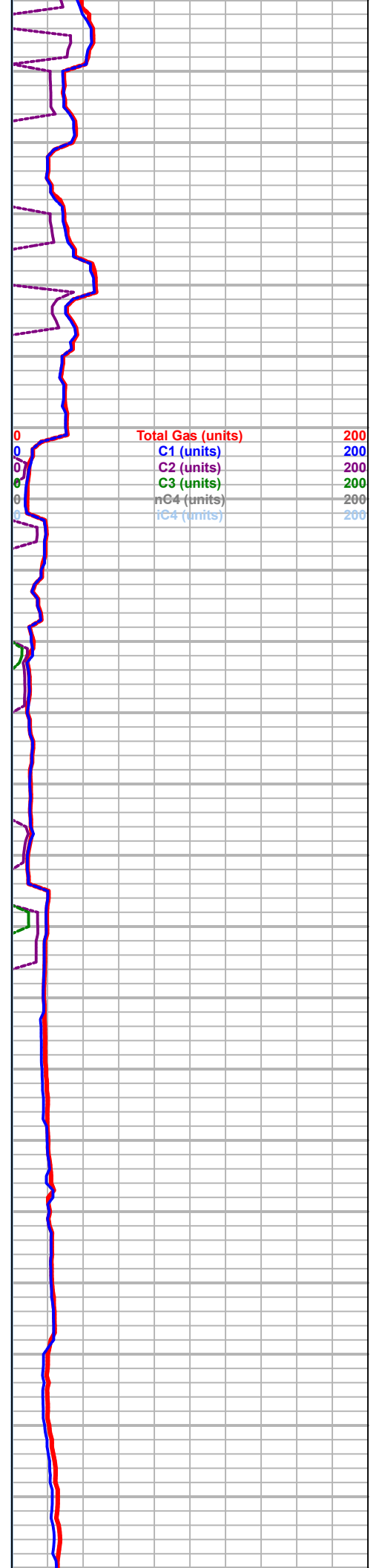
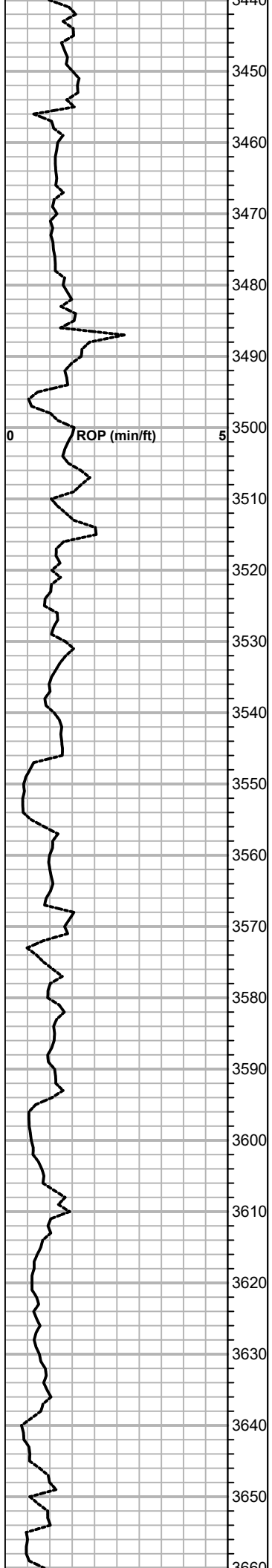


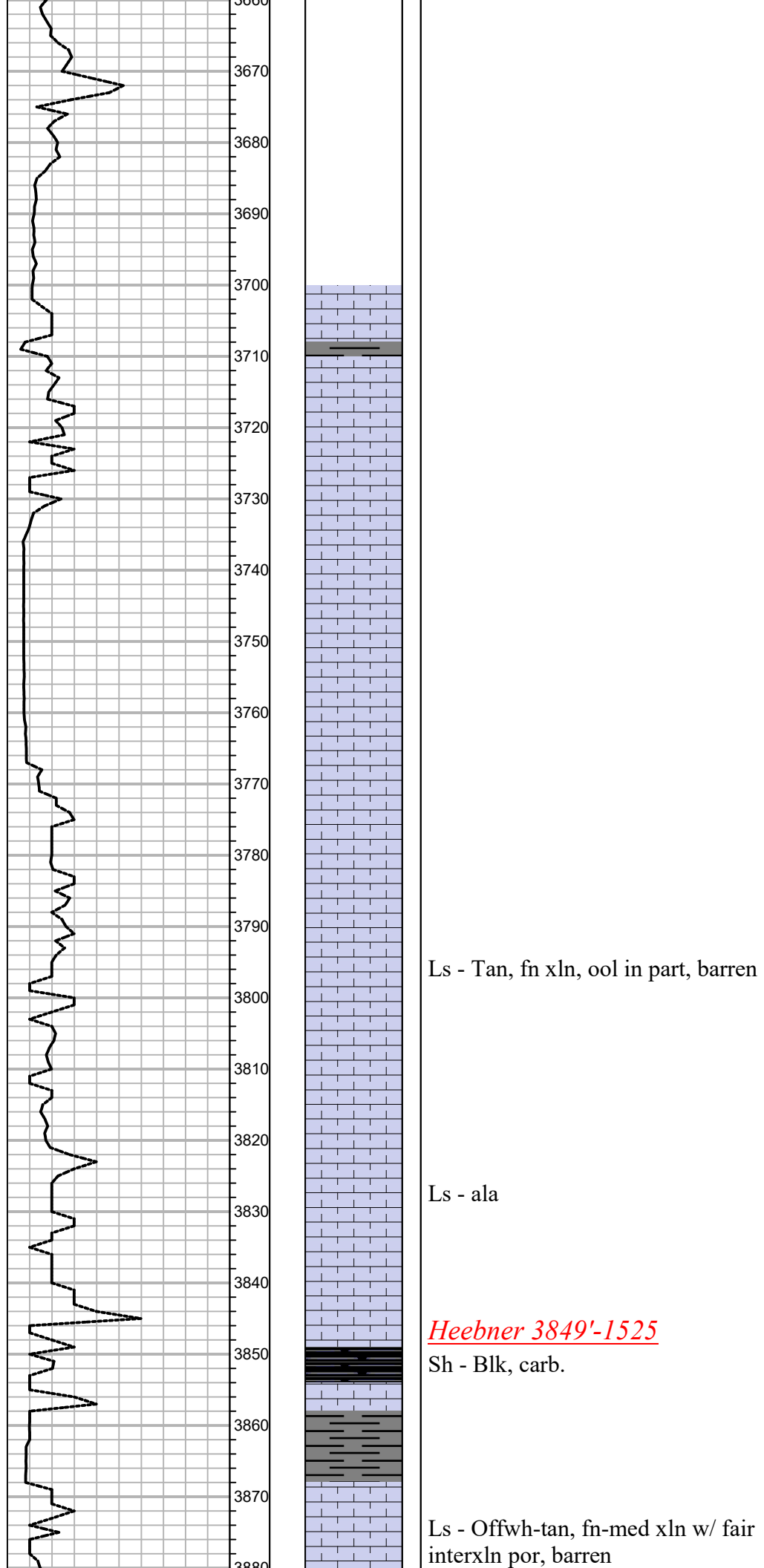




3220  
3230  
3240  
3250  
3260  
3270  
3280  
3290  
3300  
3310  
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3440

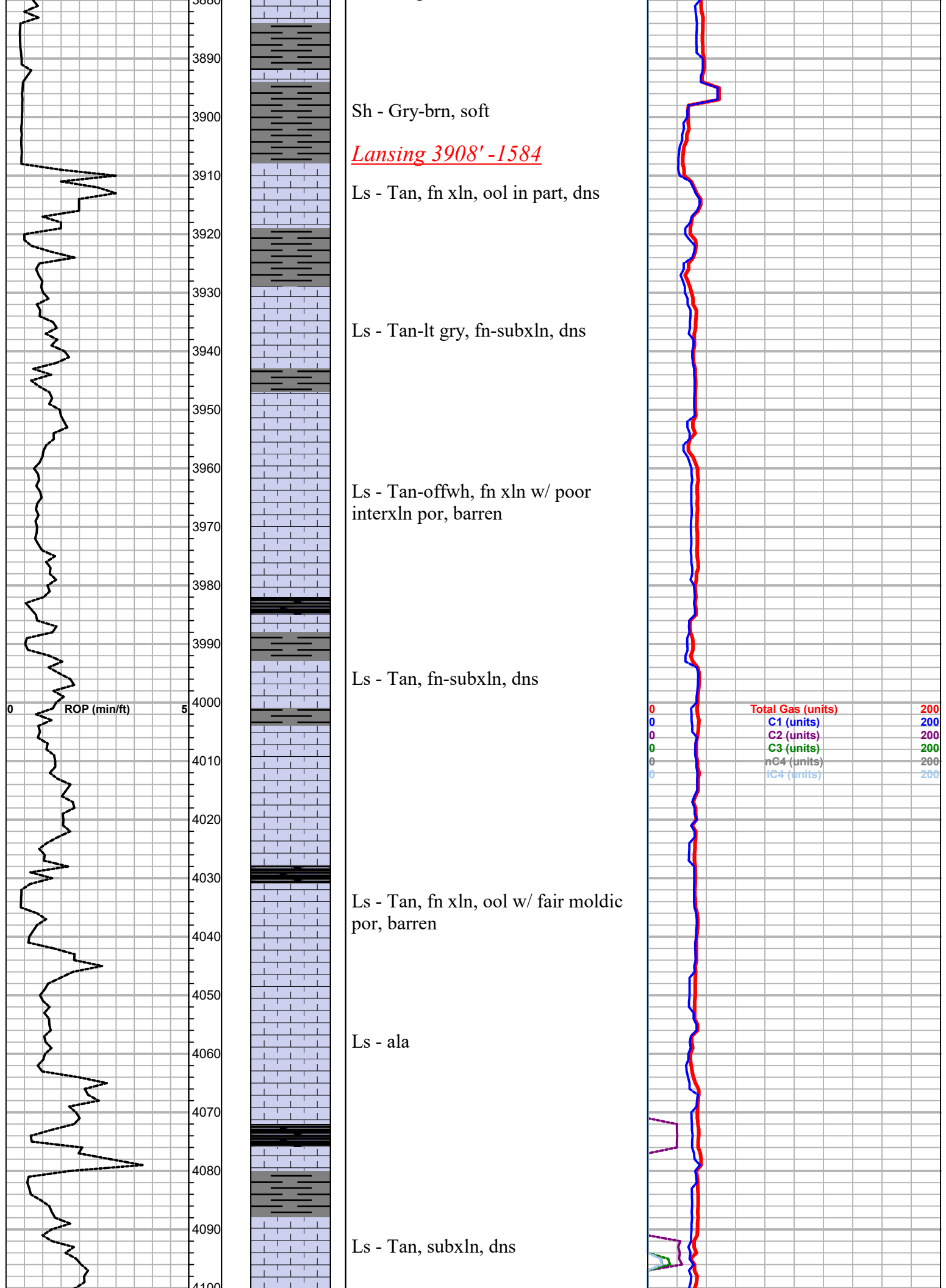


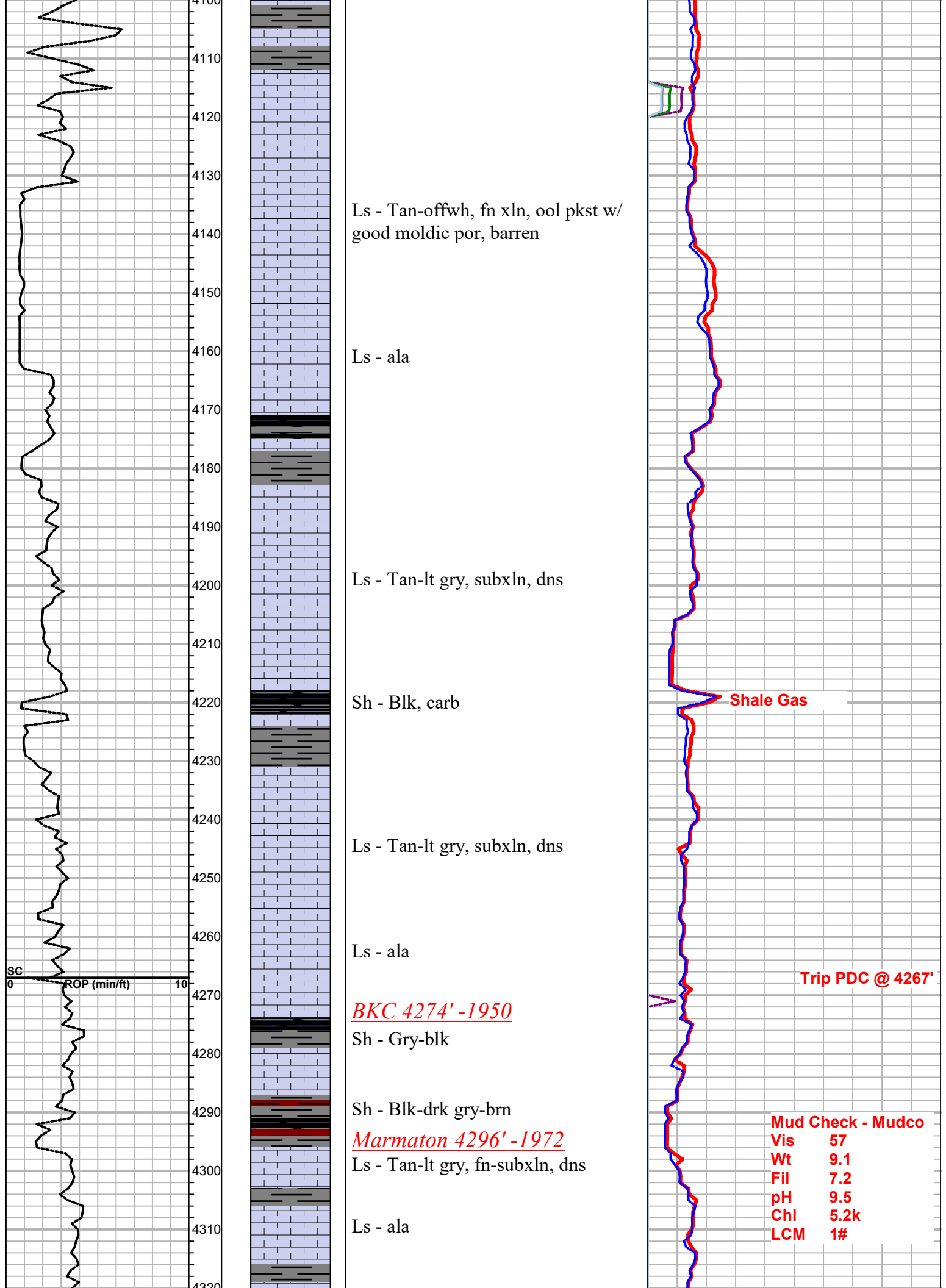


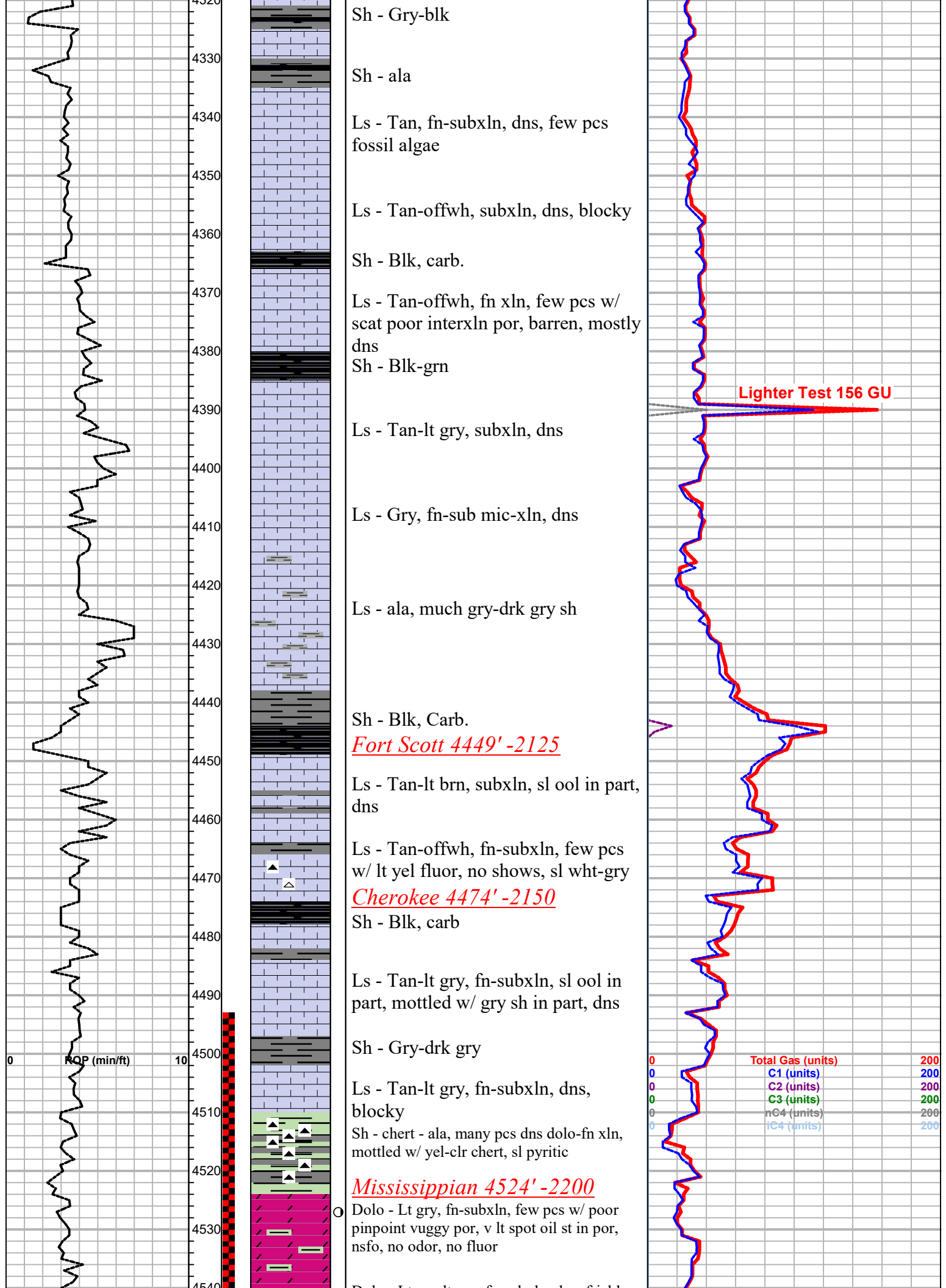


Geo on Location  
10:00 a.m. 5-7-2022

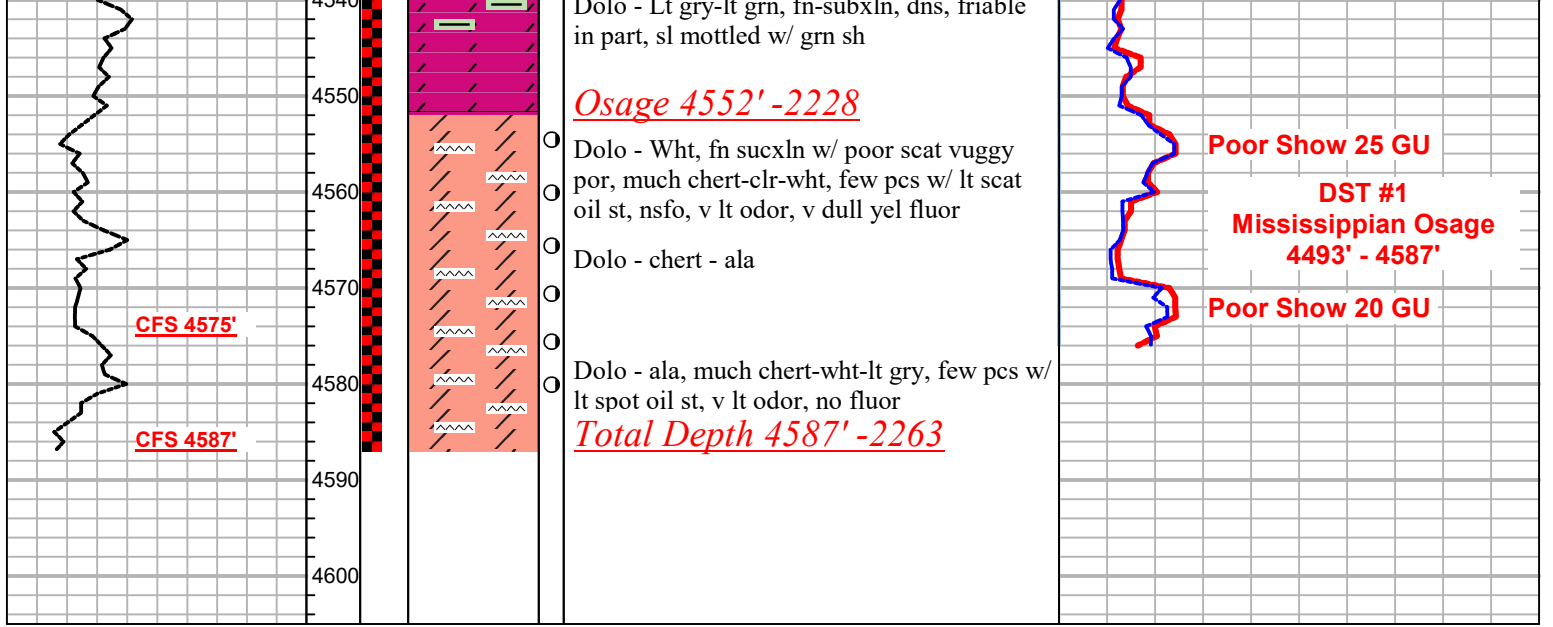
Start Kelly Down Samples  
@ 3800'













#128750

CHARGE TO: *American Warrior Inc.*  
 ADDRESS:  
 CITY, STATE, ZIP CODE:

TICKET 34573

PAGE 1 OF 1

|  |  |                                     |                                  |                          |   |                       |       |
|--|--|-------------------------------------|----------------------------------|--------------------------|---|-----------------------|-------|
| SERVICE LOCATIONS<br>1. <i>Ness City</i> | WELL/PROJECT NO.<br><i>1-25</i>  | LEASE<br><i>LEE</i>                 | COUNTY/PARISH<br><i>Hodgeman</i> | STATE<br><i>KS</i>       | CITY  | DATE<br><i>5-9-22</i> | OWNER |
| 2.                                       | TICKET TYPE<br><input checked="" type="checkbox"/> SERVICE<br><input type="checkbox"/> SALES | CONTRACTOR<br><i>Discovery</i>      | RIG NAME/NO.                     | SHIPPED VIA<br><i>CT</i> | DELIVERED TO<br><i>location</i>                             | ORDER NO.             |       |
| 3.                                       | WELL TYPE<br><i>oil</i>  | WELL CATEGORY<br><i>Development</i> | JOB PURPOSE<br><i>PTA</i>        | WELL PERMIT NO.          | WELL LOCATION<br><i>Jetmore 2-N,<br/>5-E, 1/2-S, E-into</i> |                       |       |
| 4.                                       | REFERRAL LOCATION  | INVOICE INSTRUCTIONS                |                                  |                          |   |                       |       |

| PRICE REFERENCE | SECONDARY REFERENCE/<br>PART NUMBER | ACCOUNTING |      |    | DESCRIPTION                   | QTY.         |            | U/M        |           | UNIT PRICE     | AMOUNT         |
|-----------------|-------------------------------------|------------|------|----|-------------------------------|--------------|------------|------------|-----------|----------------|----------------|
|                 |                                     | LOC        | ACCT | DF |                               |              |            |            |           |                |                |
| <i>575</i>      |                                     | <i>1</i>   |      |    | MILEAGE <i>Truck 112</i>      | <i>30</i>    | <i>mi</i>  |            |           | <i>7.00</i>    | <i>210.00</i>  |
| <i>576P</i>     |                                     | <i>1</i>   |      |    | <i>Pump Charge PTA</i>        | <i>1</i>     | <i>Job</i> |            |           | <i>1100.00</i> | <i>1100.00</i> |
| <i>328-4</i>    |                                     | <i>1</i>   |      |    | <i>60/40 poz mix (4% Gel)</i> | <i>250</i>   | <i>SK</i>  |            |           | <i>12.50</i>   | <i>3125.00</i> |
| <i>276</i>      |                                     | <i>1</i>   |      |    | <i>Flocele</i>                | <i>63</i>    | <i>lbs</i> |            |           | <i>3.00</i>    | <i>189.00</i>  |
| <i>290</i>      |                                     | <i>1</i>   |      |    | <i>O-Air</i>                  | <i>2</i>     | <i>gal</i> |            |           | <i>42.00</i>   | <i>84.00</i>   |
| <i>581</i>      |                                     | <i>1</i>   |      |    | <i>CMT Service Charge</i>     | <i>250</i>   | <i>SK</i>  |            |           | <i>2.00</i>    | <i>500.00</i>  |
| <i>583</i>      |                                     | <i>1</i>   |      |    | <i>Drayage</i>                | <i>31045</i> | <i>lbs</i> | <i>316</i> | <i>Tm</i> | <i>1.100</i>   | <i>316.00</i>  |

**LEGAL TERMS:** Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

**X**

DATE SIGNED \_\_\_\_\_ TIME SIGNED \_\_\_\_\_  A.M.  P.M.

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

|  |                              |                             |          |                             |
|--|------------------------------|-----------------------------|----------|-----------------------------|
| SURVEY   | AGREE                        | UNDECIDED                   | DISAGREE | PAGE TOTAL <i>\$5524.00</i> |
| OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?                               |                              |                             |          |                             |
| WE UNDERSTOOD AND MET YOUR NEEDS?  |                              |                             |          |                             |
| OUR SERVICE WAS PERFORMED WITHOUT DELAY?                                 |                              |                             |          |                             |
| WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? |                              |                             |          | <i>Hodgeman 25485</i>       |
| ARE YOU SATISFIED WITH OUR SERVICE?                                      | <input type="checkbox"/> YES | <input type="checkbox"/> NO |          |                             |
| <input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND                |                              |                             |          | TOTAL <i>5778.85</i>        |

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

SWIFT OPERATOR *Priscilla Chase*

APPROVAL *Ryan Joseph*

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 5-9-22

PAGE NO. 1

|                                   |                  |              |                 |                      |
|-----------------------------------|------------------|--------------|-----------------|----------------------|
| CUSTOMER<br>American Warrior, Inc | WELL NO.<br>1-25 | LEASE<br>LEE | JOB TYPE<br>PTA | TICKET NO.<br>345-73 |
|-----------------------------------|------------------|--------------|-----------------|----------------------|

DESCRIPTION OF OPERATION AND MATERIALS

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS |   | PRESSURE (PSI) |        |
|-----------|------|------------|--------------------|-------|---|----------------|--------|
|           |      |            |                    | T     | C | TUBING         | CASING |

| CHART NO. | TIME             | RATE (BPM) | VOLUME (BBL) (GAL) | T | C | TUBING PRESSURE (PSI) | CASING PRESSURE (PSI) | DESCRIPTION OF OPERATION AND MATERIALS         |
|-----------|------------------|------------|--------------------|---|---|-----------------------|-----------------------|--|
|           | 22:30            |            |                    |   |   |                       |                       | ON location<br>4 1/2" 7 7/8"                   |
|           | 23:35            | 4          | 13                 | ✓ |   | 200                   |                       | 1st plug mix 50 SKS at 1560'<br>displace cmt   |
|           |                  | 4          | 18                 | ✓ |   | 200                   |                       |  |
|           | 00:20            | 4          | 21                 | ✓ |   | 200                   |                       | 2nd plug mix 80 SKS at 650'<br>displace cmt    |
|           |                  | 4          | 3 3/4              | ✓ |   | 200                   |                       |  |
|           | 00:45            | 4          | 13                 | ✓ |   | 150                   |                       | 3rd plug mix 50 SKS at 270'<br>displace cmt    |
|           |                  | 4          | 1                  | ✓ |   | 150                   |                       |  |
|           | 01:00            | 4          | 5                  | ✓ |   | 100                   |                       | 4th plug mix 20 SK at 60'<br>displace cmt      |
|           |                  | 4          | 1                  | ✓ |   | 100                   |                       |  |
|           | 02:00            |            | 50                 | ✓ |   |                       |                       | plug RH 305 KS + MH 20 SKS                     |
|           | <del>02:10</del> |            |                    |   |   |                       |                       | wash trucks                                    |
|           | <del>02:10</del> |            |                    |   |   |                       |                       | 1  |
|           | 02:15            |            |                    |   |   |                       |                       | Job Complete<br>Thanks!                        |
|           |                  |            |                    |   |   |                       |                       | Areston, Kirby, Isaac                          |
|           |                  |            |                    |   |   |                       |                       | 250 SKS 60/210 pod 4% gel, 1/4 # Flare<br>used |

# **Geological Report**

**Lee #1-25**

2266' FNL & 1364' FWL

Sec. 25 T22s R23w

Hodgeman County, Kansas



**American Warrior, Inc.**

## General Data

Well Data: American Warrior, Inc.  
Lee #1-25  
2266' FNL & 1364' FWL  
Sec. 25 T22s R24w  
Hodgeman County, Kansas  
API # 15-083-22007-0000

Drilling Contractor: Discovery Drilling Co. Inc. Rig #4

Geologist: Jason T Alm

Spud Date: May 4, 2022

Completion Date: May 10, 2022

Elevation: 2316' Ground Level  
2324' Kelly Bushing

Directions: Hanston KS, west on hwy 156 5 ½ miles to 223 rd.  
north 1 mile, east into location.

Casing: 220' 8 5/8" surface casing

Samples: Kelly down wet and dry 3800' to 4250'  
10' wet and dry 4250' to RTD

Drilling Time: 3700' to RTD

Electric Logs: None

Drillstem Tests: One, Trilobite Testing, Inc. "Kevin Webster"

Problems: None

Remarks: Trip PDC bit @ 4267'

## Formation Tops

| <b>Formation</b> | <b>American Warrior, Inc.</b> |
|------------------|-------------------------------|
|                  | Lee #1-25                     |
|                  | Sec. 25 T22s R23w             |
|                  | 2266' FNL & 1364' FWL         |
| Anhydrite        | 1482' +842                    |
| Base             | 1518' +806                    |
| Chase            | 2414' -90                     |
| Towanda          | 2525' -201                    |
| Heebner          | 3849' -1525                   |
| Lansing          | 3908' -1584                   |
| BKC              | 4274' -1950                   |
| Marmaton         | 4296' -1972                   |
| Fort Scott       | 4449' -2125                   |
| Cherokee         | 4474' -2150                   |
| Mississippian    | 4524' -2200                   |
| Osage            | 4552' -2228                   |
| RTD              | 4587' -2263                   |

## Sample Zone Descriptions

|                            |  |  |
|----------------------------|--|--|
| <b>Krider</b>              | <b>(2440' -116):</b><br>70 Unit Gas Kick | <b>Not Tested</b>  |
| <b>Towanda</b>             | <b>(2525' -201):</b><br>35 Unit Gas Kick | <b>Not Tested</b>  |
| <b>Mississippian Osage</b> | <b>(4552' -2228):</b>                    | <b>Covered in DST #1</b><br>Dolo – Fine sucrosic crystalline with poor scattered vuggy porosity, very heavy chert-white to clear, few pieces with light scattered oil stain, no show of free oil, very light odor, very dull fluorescents, 25-20 Gas Units |

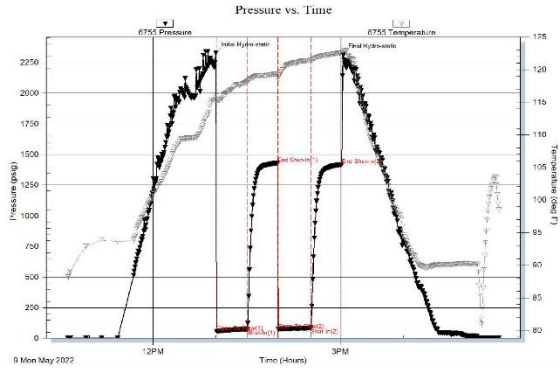
## Drill Stem Tests

Trilobite Testing, Inc.  
"Kevin Webster"

### DST #1      Mississippian Osage

Interval (4493' - 4587') Anchor Length 94'

|     |                           |         |
|-----|---------------------------|---------|
| IHP | - 2327 #                  |         |
| IFP | - 30" - Built to 1.5 in.  | 56-74 # |
| ISI | - 30" - Dead              | 1429 #  |
| FFP | - 30" - Weak Surface Blow | 72-83 # |
| FSI | - 30" - Dead              | 1417 #  |
| FHP | - 2314 #                  |         |
| BHT | - 122°F                   |         |



Recovery:      62' Mud

## Structural Comparison

|                  | <b>American Warrior, Inc.</b><br>Lee #1-25<br>Sec. 25 T22s R23w<br>2266' FNL & 1364' FWL |                        |              |                   |
|------------------|--|------------------------|--------------|-------------------|
| <b>Formation</b> |  | American Warrior, Inc. |              | Sunray DX Oil Co  |
| Anhydrite        | <b>1482' +842</b>  | O'Brate-Stein #1-25    |              | McClellan #1      |
| Base             | <b>1518' +806</b>  | Sec. 25 T22s R23w      |              | Sec. 25 T22s R23w |
| Chase            | <b>2414' -90</b>   | C NW NE                |              | C SE NW           |
| Towanda          | <b>2525' -201</b>  | NA                     | <b>NA</b>    | (+839)            |
| Heebner          | <b>3849' -1525</b>   | NA                     | <b>NA</b>    | NA                |
| Lansing          | <b>3908' -1584</b>   | NA                     | <b>NA</b>    | NA                |
| BKC              | <b>4274' -1950</b>   | NA                     | <b>NA</b>    | NA                |
| Marmaton         | <b>4296' -1972</b>   | -1594                  | <b>(-10)</b> | -1543             |
| Fort Scott       | <b>4449' -2125</b>   | -1959                  | <b>(+9)</b>  | -1605             |
| Cherokee         | <b>4474' -2150</b>   | -1981                  | <b>(+9)</b>  | NA                |
| Mississippian    | <b>4524' -2200</b>   | -2137                  | <b>(+12)</b> | -1991             |
| Osage            | <b>4552' -2228</b>   | -2162                  | <b>(+12)</b> | -2144             |
|                  |  | -2209                  | <b>(+9)</b>  | -2168             |
|                  |  | -2239                  | <b>(+11)</b> | -2234             |
|                  |  |                        |              | -2269             |
|                  |  |                        |              | <b>(+3)</b>       |
|                  |  |                        |              | <b>NA</b>         |
|                  |  |                        |              | <b>NA</b>         |
|                  |  |                        |              | <b>NA</b>         |
|                  |  |                        |              | <b>(+18)</b>      |
|                  |  |                        |              | <b>(+19)</b>      |
|                  |  |                        |              | <b>NA</b>         |
|                  |  |                        |              | <b>(+19)</b>      |
|                  |  |                        |              | <b>(+18)</b>      |
|                  |  |                        |              | <b>(+34)</b>      |
|                  |  |                        |              | <b>(+39)</b>      |

## **Summary**

The location for the Lee #1-25 was found via 3-D seismic survey. The new well ran structurally as expected via the survey. One Drill Stem Test was conducted which was negative. After all gathered data had been examined the decision was made to plug and abandon the Lee #1-25 well.

Respectfully Submitted,

Jason T Alm  
Hard Rock Consulting, Inc.  
AAPG #10134582