

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: | |
|----------------|-------|---------|------------|--|

| | |
|-----------|---------------------------------|
| Form | ACO1 - Well Completion |
| Operator | Pickrell Drilling Company, Inc. |
| Well Name | BASINGER 5 |
| Doc ID | 1670082 |

All Electric Logs Run

| |
|-----|
| |
| DIL |
| LAS |
| MEL |
| PE |

| | |
|-----------|---------------------------------|
| Form | ACO1 - Well Completion |
| Operator | Pickrell Drilling Company, Inc. |
| Well Name | BASINGER 5 |
| Doc ID | 1670082 |

Tops

| Name | Top | Datum |
|----------|------|-------|
| Heebner | 3894 | -1238 |
| Lansing | 3932 | -1276 |
| Stark | 4175 | -1519 |
| BKC | 4232 | -1576 |
| Pawnee | 4371 | -1715 |
| Ft Scott | 4434 | -1778 |
| Cherokee | 4459 | -1803 |
| Miss | 4540 | -1884 |

FRANKS Oilfield Service

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

NET NUMBER 0686
 LOCATION Hovle
 FOREMAN Preston

FIELD TICKET & TREATMENT REPORT CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|--|------------|--------------------|---------|----------|-------|--------|
| 8-18-22 | | Basinger #5 | L2 | 16S | 266 | Ness |
| CUSTOMER Pickrell Drilling Company Inc. | | | TRUCK # | | | |
| MAILING ADDRESS | | | DRIVER | | | |
| CITY | | | TRUCK # | | | |
| STATE | | | DRIVER | | | |
| ZIP CODE | | | | | | |

JOB TYPE surface HOLE SIZE 12 1/4" HOLE DEPTH 222 CASING SIZE & WEIGHT 8 5/8" 23 lb
 CASING DEPTH 221 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 15.2 lb SLURRY VOL 1.33 WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting + rig up on Pickrell rig # 10. Circulate 8 5/8" mix 175 sacks cement 3% cc. 2% gel. Displacement 13.5 bbls of water.

Cement did circulate.

Thanks!

R. + crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|-----------------|-----------|
| P002 | 1 | PUMP CHARGE | \$1150.00 | \$1150.00 |
| M001 | 58 | MILEAGE | \$6.50 | \$377.00 |
| M003 | 8.64 tons | Ton Mileage Delivery | \$751.48 | \$751.48 |
| C13004 | 175 sacks | Class A 3% cc. 2% Gel. | \$24.50 | \$4287.50 |
| | | | sub total | \$6156.18 |
| | | | less 10% disc. | \$1156.42 |
| | | | sub total | \$5999.56 |
| | | | SALES TAX | 250.82 |
| | | | ESTIMATED TOTAL | 6160.38 |

AUTHORIZATION [Signature] TITLE _____ DATE _____

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





HURRICANE SERVICES INC

File Copy

Remit To: Hurricane Services, Inc.
250 N. Water, Suite 200
Wichita, KS 67202
316-303-9515

Customer:
PICKRELL DRILLING CO INC
100 S MAIN ST
SUITE 505
WICHITA, KS 67202

Invoice Date: 8/27/2022
Invoice #: 0362793
Lease Name: Basinger
Well #: 5 (New)
County: Ness, Ks
Job Number: WP3286
District: Oakley

| Date/Description | HRS/QTY | Rate | Total |
|------------------------------|---------|-----------|----------|
| Port Collar | 0.000 | 0.000 | 0.00 |
| H-Long | 200.000 | 35.000 | 7,000.00 |
| H-Plug | 50.000 | 14.000 | 700.00 |
| Cement Friction Reducer | 75.000 | 8.000 | 600.00 |
| 5 1/2" Turbolizers | 10.000 | 125.000 | 1,250.00 |
| 5 1/2" Floatshoe-Flapper AFU | 1.000 | 375.000 | 375.00 |
| 5 1/2" LD Plug & Baffle | 1.000 | 350.000 | 350.00 |
| 5 1/2" Port Collar | 1.000 | 3,500.000 | 3,500.00 |
| Cement baskets 5 1/2" | 3.000 | 300.000 | 900.00 |
| Mud flush | 500.000 | 1.000 | 500.00 |
| Light Eq Mileage | 60.000 | 2.000 | 120.00 |
| Heavy Eq Mileage | 120.000 | 4.000 | 480.00 |
| Ton Mileage | 693.000 | 1.500 | 1,039.50 |
| Depth Charge: 5001'-6000' | 1.000 | 3,000.000 | 3,000.00 |
| Cement plug container | 1.000 | 250.000 | 250.00 |
| Cement Data Acquisition | 1.000 | 250.000 | 250.00 |
| Service Supervisor | 1.000 | 275.000 | 275.00 |
| Casing Swivel | 1.000 | 300.000 | 300.00 |

Total 20,889.50

TERMS: Net 30 days. Interest may be charged on past due invoice at rate of 1 1/2% per month or maximum allowed by applicable state 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!



TICKET 34697

CHARGE TO: *Pickwell Drilling Co. Inc*
 ADDRESS
 CITY, STATE, ZIP CODE

PAGE 1 OF 1

SERVICE LOCATIONS
 1. *Ness City*
 2.
 3.
 4. REFERRAL LOCATION

WELL/PROJECT NO. *#5*
 CONTRACTOR *mobile*
 TICKET TYPE SERVICE SALES
 WELL TYPE *oil*
 INVOICE INSTRUCTIONS

LEASE *Passenger*
 COUNTY/PARISH *Ness*
 RIG NAME/NO.
 JOB PURPOSE *Pect Collar*
 WELL CATEGORY *Development*
 WELL PERMIT NO.

STATE *KS*
 SHIPPED VIA *CT*
 DELIVERED TO *location*
 CITY
 DATE *9-20-22*
 ORDER NO.
 OWNER
 WELL LOCATION *Utica 3-w 3-N 5N E-Jato*

| PRICE REFERENCE | SECONDARY REFERENCE/ PART NUMBER | ACCOUNTING LOC | ACCT | DF | DESCRIPTION | QTY. | U/M | QTY. | U/M | UNIT PRICE | AMOUNT |
|-----------------|----------------------------------|----------------|------|----|---------------------------|--------------|------------|------------|-----------|----------------|----------------|
| <i>575</i> | | <i>1</i> | | | <i>MILEAGE Trucks 112</i> | <i>45</i> | <i>mi</i> | | | <i>7.00</i> | <i>315.00</i> |
| <i>576 P</i> | | <i>1</i> | | | <i>pump charge</i> | <i>1</i> | <i>job</i> | | | <i>1600.00</i> | <i>1600.00</i> |
| <i>330</i> | | <i>1</i> | | | <i>5mp cement</i> | <i>165</i> | <i>sk</i> | | | <i>19.50</i> | <i>3217.50</i> |
| <i>276</i> | | <i>1</i> | | | <i>Flare</i> | <i>41</i> | <i>lbs</i> | | | <i>3.00</i> | <i>123.00</i> |
| <i>290</i> | | <i>1</i> | | | <i>D-Alt</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>225</i> | <i>sk</i> | | | <i>2.00</i> | <i>450.00</i> |
| <i>583</i> | | <i>1</i> | | | <i>Drayage</i> | <i>22390</i> | <i>lbs</i> | <i>504</i> | <i>tn</i> | <i>1.00</i> | <i>504.00</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 *[Signature]*

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

PAGE TOTAL *6293.50*

TOTAL *9055 22259 6576.09*

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR *[Signature]* APPROVAL
 Thank You!

JOB LOG

SWIFT Services, Inc.

DATE

9-20-22

PAGE NO.

1

CUSTOMER

Pickcell

WELL NO.

#5

LEASE

Bassinger

JOB TYPE

Port collar

TICKET NO.

34697

| CHART NO. | TIME | RATE (BPM) | VOLUME (BBL) (GAL) | PUMPS | | PRESSURE (PSI) | | DESCRIPTION OF OPERATION AND MATERIALS |
|-----------|-------|------------|--------------------|-------|---|----------------|--------|--|
| | | | | T | C | TUBING | CASING | |
| | 11:00 | | | | | | | DN location 2 3/8" 5 1/2" PC 2081 Plug 3200' |
| | 11:45 | 3 | 83 | ✓ | | 200 | | Roll hole |
| | 12:15 | | | ✓ | | 1200 | | Test plug hold |
| | 13:20 | | | | | | | Open PC |
| | 13:25 | 2 1/4 | 4 | ✓ | | 400 | | Injection Rate |
| | 13:30 | 2 | 91 | ✓ | | 400 | | mix 165 SKS smd 1/4" Flo |
| | 14:10 | | 7 | ✓ | | | | displace CMT |
| | | | | | | | | Close PC |
| | 14:20 | | | ✓ | | 1200 | | Test hold |
| | 14:30 | | | | | | | Run 5 joints |
| | 14:35 | 3 | 25 | ✓ | | 250 | | Reverse Clean |
| | 14:50 | | | | | | | Wash truck |
| | 15:30 | | | | | | | Job Complete Thanks! Preston, Kirby, Brett |
| | | | | | | | | 165 SKS used 15 to pit |



DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co. Inc.**

100 S Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Basinger #5

6-16s-26w Ness,KS

Start Date: 2022.08.21 @ 19:15:00

End Date: 2022.08.22 @ 02:59:30

Job Ticket #: 69765 DST #: 1

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

Printed: 2022.08.30 @ 09:11:39



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.
 100 S Main STE 505
 Wichita, KS 67202-3738
 ATTN: Aaron Young

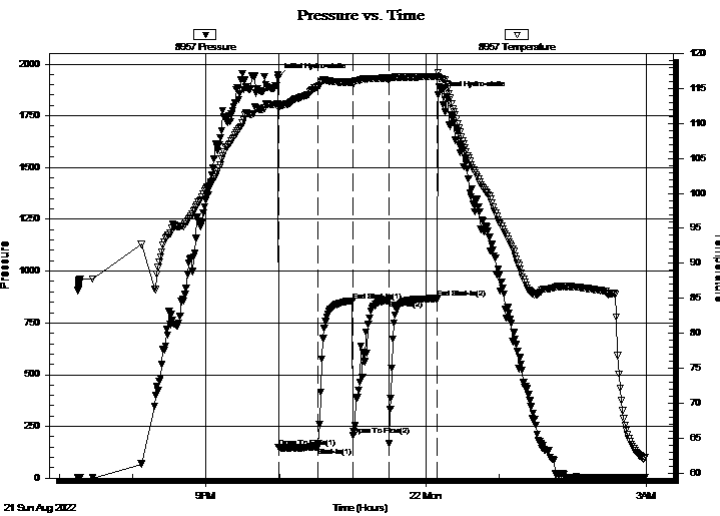
6-16s-26w Ness, KS
Basinger #5
 Job Ticket: 69765 **DST#: 1**
 Test Start: 2022.08.21 @ 19:15:00

GENERAL INFORMATION:

Formation: **LKC F**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:59:15
 Time Test Ended: 02:59:30
 Interval: **4004.00 ft (KB) To 4021.00 ft (KB) (TVD)**
 Total Depth: 4021.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Terrance
 Unit No: 75
 Reference Elevations: 2656.00 ft (KB)
 2649.00 ft (CF)
 KB to GR/CF: 7.00 ft

Serial #: 8957 Outside
 Press@RunDepth: 859.64 psig @ 4009.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.08.21 End Date: 2022.08.22 Last Calib.: 2022.08.22
 Start Time: 19:15:01 End Time: 02:59:30 Time On Btm: 2022.08.21 @ 21:59:00
 Time Off Btm: 2022.08.22 @ 00:09:45

TEST COMMENT: IF-30- Surface blow
 ISIU-30-No return
 FF-30-No blow
 FS130-No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1933.46 | 112.90 | Initial Hydro-static |
| 1 | 147.82 | 112.14 | Open To Flow (1) |
| 33 | 150.71 | 115.20 | Shut-In(1) |
| 61 | 856.84 | 115.89 | End Shut-In(1) |
| 62 | 206.55 | 115.64 | Open To Flow (2) |
| 91 | 859.64 | 116.48 | Shut-In(2) |
| 131 | 867.87 | 116.73 | End Shut-In(2) |
| 131 | 1849.63 | 117.29 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 260.00 | OSM | 2.52 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69765

DST#: 1

ATTN: Aaron Young

Test Start: 2022.08.21 @ 19:15:00

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|----------------------|------------------------|-------------|
| Drill Pipe: | Length: 3853.00 ft | Diameter: 3.79 inches | Volume: 53.76 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: ft | Diameter: inches | Volume: - bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 122.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: | 71000.00 lb |
| | | | <u>Total Volume:</u> | Tool Chased | ft |
| | | | | String Weight: Initial | 71000.00 lb |
| Drill Pipe Above KB: | 2.00 ft | | | Final | 71000.00 lb |
| Depth to Top Packer: | 4004.00 ft | | | | |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 17.00 ft | | | | |
| Tool Length: | 48.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.88 inches | | | |

Tool Comments:

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 3974.00 | |
| Shut In Tool | 5.00 | | | 3979.00 | |
| Hydraulic tool | 5.00 | | | 3984.00 | |
| Jars | 5.00 | | | 3989.00 | |
| EM Tool | 3.00 | | | 3992.00 | |
| Safety Joint | 3.00 | | | 3995.00 | |
| Packer | 5.00 | | | 4000.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4004.00 | |
| Stubb | 1.00 | | | 4005.00 | |
| Perforations | 4.00 | | | 4009.00 | |
| Recorder | 0.00 | 8368 | Inside | 4009.00 | |
| Recorder | 0.00 | 8957 | Outside | 4009.00 | |
| Perforations | 9.00 | | | 4018.00 | |
| Bullnose | 3.00 | | | 4021.00 | 17.00 Bottom Packers & Anchor |

Total Tool Length: 48.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69765

DST#: 1

ATTN: Aaron Young

Test Start: 2022.08.21 @ 19:15:00

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 260.00 | OSM | 2.521 |

Total Length: 260.00 ft Total Volume: 2.521 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

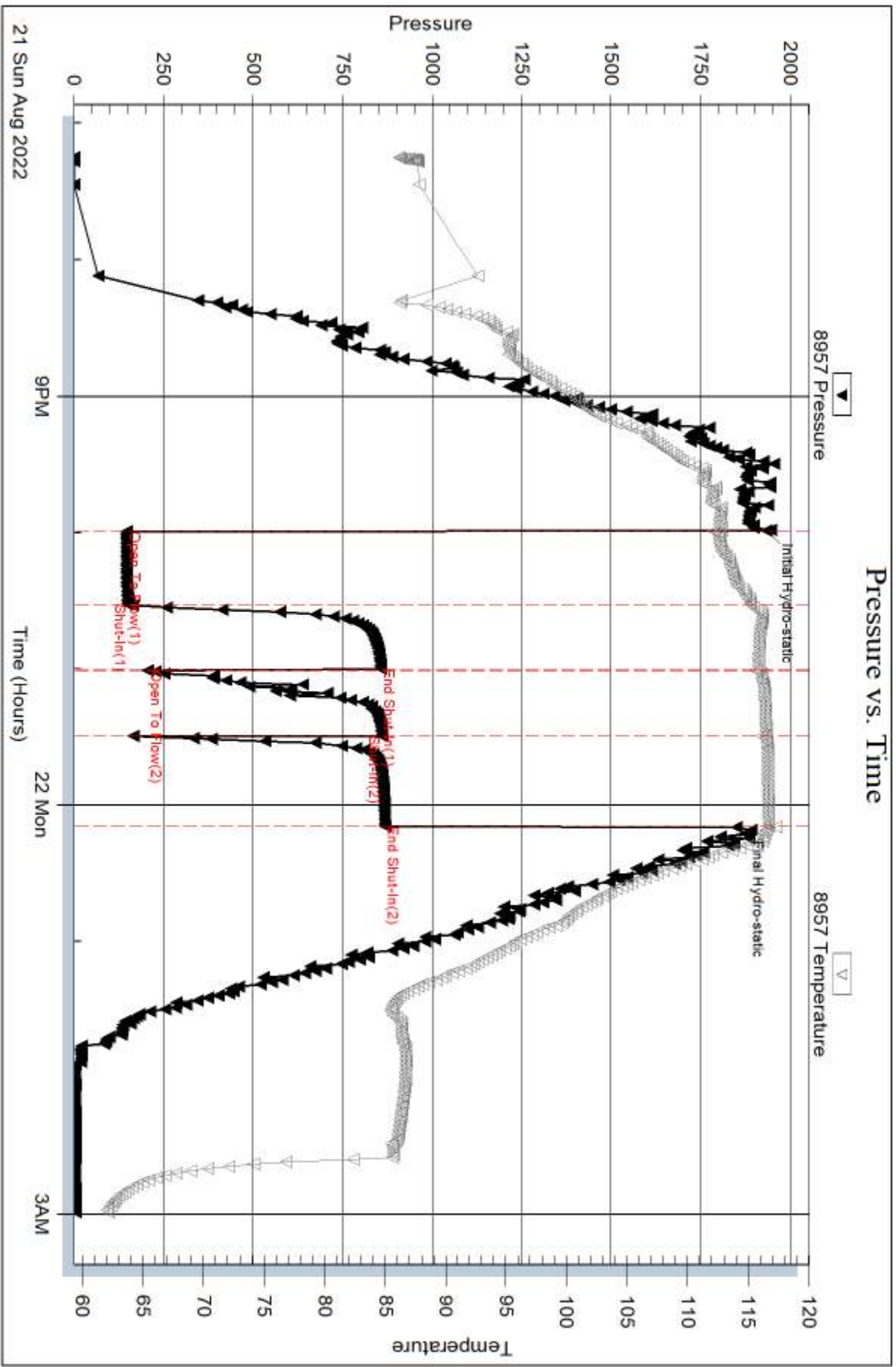
Recovery Comments:

Serial #: 8957

Outside Pickett Drilling Co. Inc.

Basinger #5

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 69765

Printed: 2022.08.30 @ 09:11:40

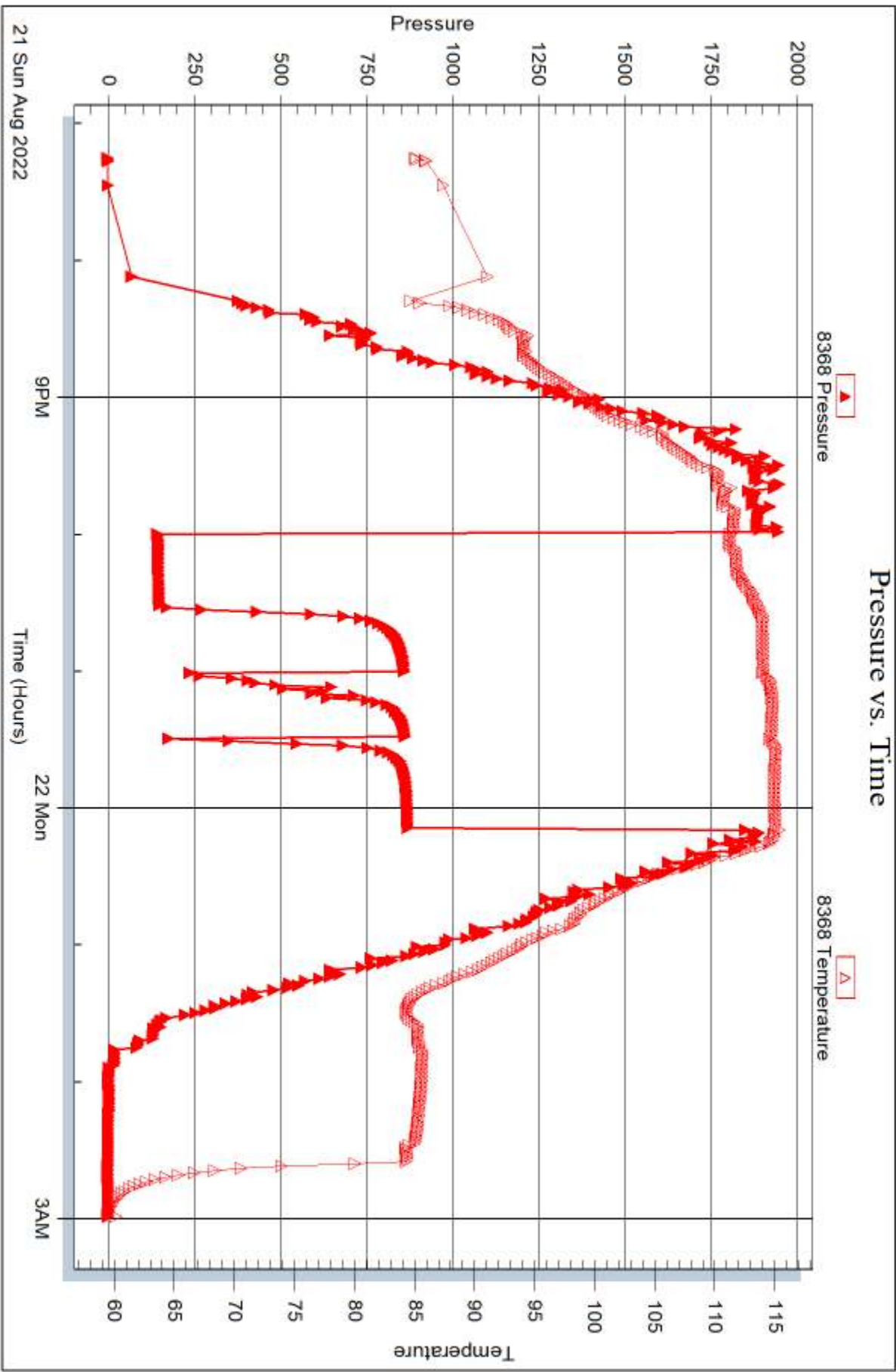
Serial #: 8368

Inside

Pickrell Drilling Co. Inc.

Basinger #5

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co. Inc.**

100 S Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Basinger #5

6-16s-26w Ness,KS

Start Date: 2022.08.22 @ 15:50:00

End Date: 2022.08.23 @ 00:02:30

Job Ticket #: 69766 DST #: 2

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

Printed: 2022.08.30 @ 09:09:03



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.
100 S Main STE 505
Wichita, KS 67202-3738
ATTN: Aaron Young

6-16s-26w Ness,KS

Basinger #5

Job Ticket: 69766

DST#: 2

Test Start: 2022.08.22 @ 15:50:00

GENERAL INFORMATION:

Formation: **LKC H-1**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:09:15

Time Test Ended: 00:02:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Terrance

Unit No: 75

Interval: 4074.00 ft (KB) To 4142.00 ft (KB) (TVD)

Total Depth: 4142.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2656.00 ft (KB)

2649.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8957 Outside

Press@RunDepth: 99.22 psig @ 4115.00 ft (KB)

Start Date: 2022.08.22

End Date:

2022.08.23

Start Time: 15:50:01

End Time:

00:02:30

Capacity: 8000.00 psig

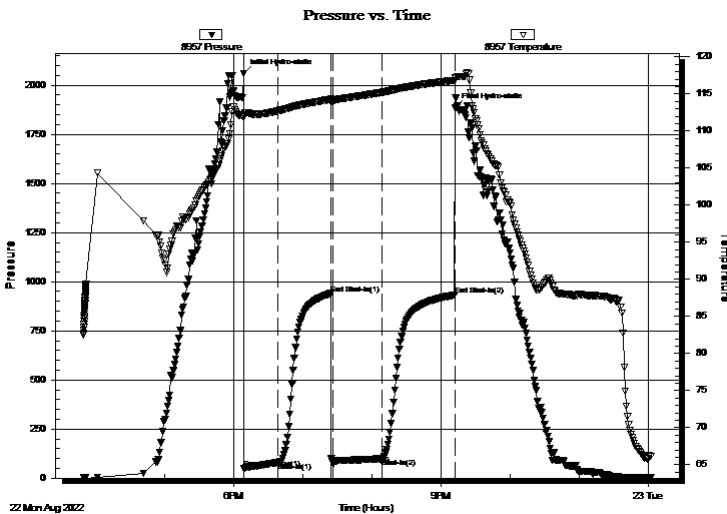
Last Calib.: 2022.08.23

Time On Btm: 2022.08.22 @ 18:08:45

Time Off Btm: 2022.08.22 @ 21:12:30

TEST COMMENT: IF-30-6"
IS-45-No return
FF-45-9"
FS-60-No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2060.68 | 112.25 | Initial Hydro-static |
| 1 | 49.92 | 112.01 | Open To Flow (1) |
| 30 | 79.80 | 112.73 | Shut-In(1) |
| 76 | 939.87 | 114.30 | End Shut-In(1) |
| 78 | 72.47 | 114.16 | Open To Flow (2) |
| 120 | 99.22 | 115.22 | Shut-In(2) |
| 184 | 930.75 | 116.86 | End Shut-In(2) |
| 184 | 1883.85 | 117.23 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------|--------------|
| 150.00 | 40%OIL 60%MUD | 0.99 |
| 0.00 | 180 Gas in pipe | 0.00 |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69766

DST#: 2

ATTN: Aaron Young

Test Start: 2022.08.22 @ 15:50:00

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|----------------------|------------------------|-------------|
| Drill Pipe: | Length: 3949.00 ft | Diameter: 3.79 inches | Volume: 55.10 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: ft | Diameter: inches | Volume: - bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 122.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: | 68000.00 lb |
| | | | <u>Total Volume:</u> | Tool Chased | ft |
| | | | - bbl | String Weight: Initial | 65000.00 lb |
| Drill Pipe Above KB: | 28.00 ft | | | Final | 68000.00 lb |
| Depth to Top Packer: | 4074.00 ft | | | | |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 68.00 ft | | | | |
| Tool Length: | 99.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.88 inches | | | |
| Tool Comments: | | | | | |

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4044.00 | |
| Shut In Tool | 5.00 | | | 4049.00 | |
| Hydraulic tool | 5.00 | | | 4054.00 | |
| Jars | 5.00 | | | 4059.00 | |
| EM Tool | 3.00 | | | 4062.00 | |
| Safety Joint | 3.00 | | | 4065.00 | |
| Packer | 5.00 | | | 4070.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4074.00 | |
| Stubb | 1.00 | | | 4075.00 | |
| Perforations | 6.00 | | | 4081.00 | |
| Change Over Sub | 1.00 | | | 4082.00 | |
| Drill Pipe | 32.00 | | | 4114.00 | |
| Change Over Sub | 1.00 | | | 4115.00 | |
| Recorder | 0.00 | 8368 | Inside | 4115.00 | |
| Recorder | 0.00 | 8957 | Outside | 4115.00 | |
| Perforations | 24.00 | | | 4139.00 | |
| Bullnose | 3.00 | | | 4142.00 | 68.00 Bottom Packers & Anchor |
| Total Tool Length: | 99.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69766

DST#: 2

ATTN: Aaron Young

Test Start: 2022.08.22 @ 15:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------|---------------|
| 150.00 | 40%OIL 60%MUD | 0.991 |
| 0.00 | 180 Gas in pipe | 0.000 |

Total Length: 150.00 ft Total Volume: 0.991 bbl

Num Fluid Samples: 0

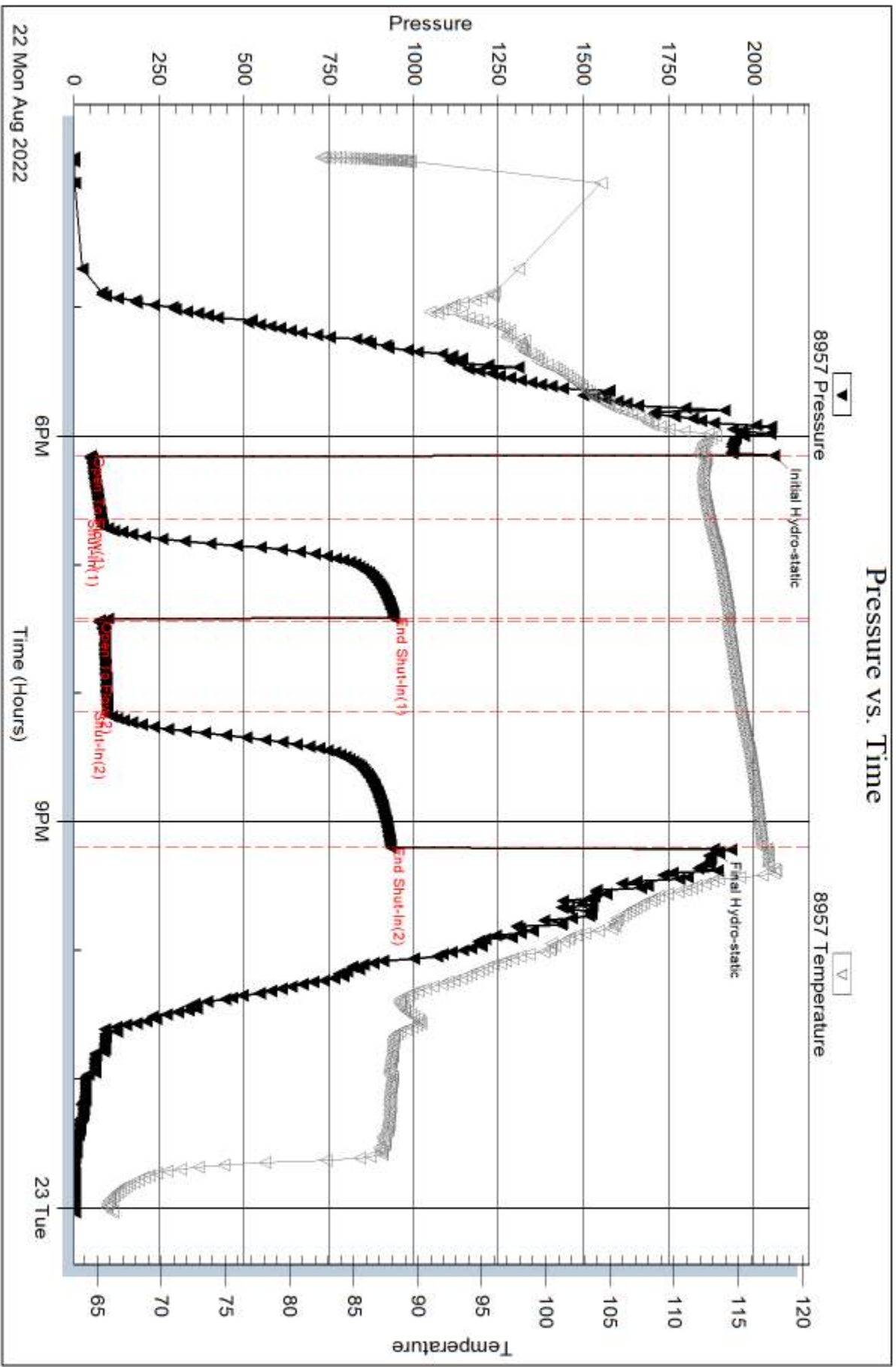
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



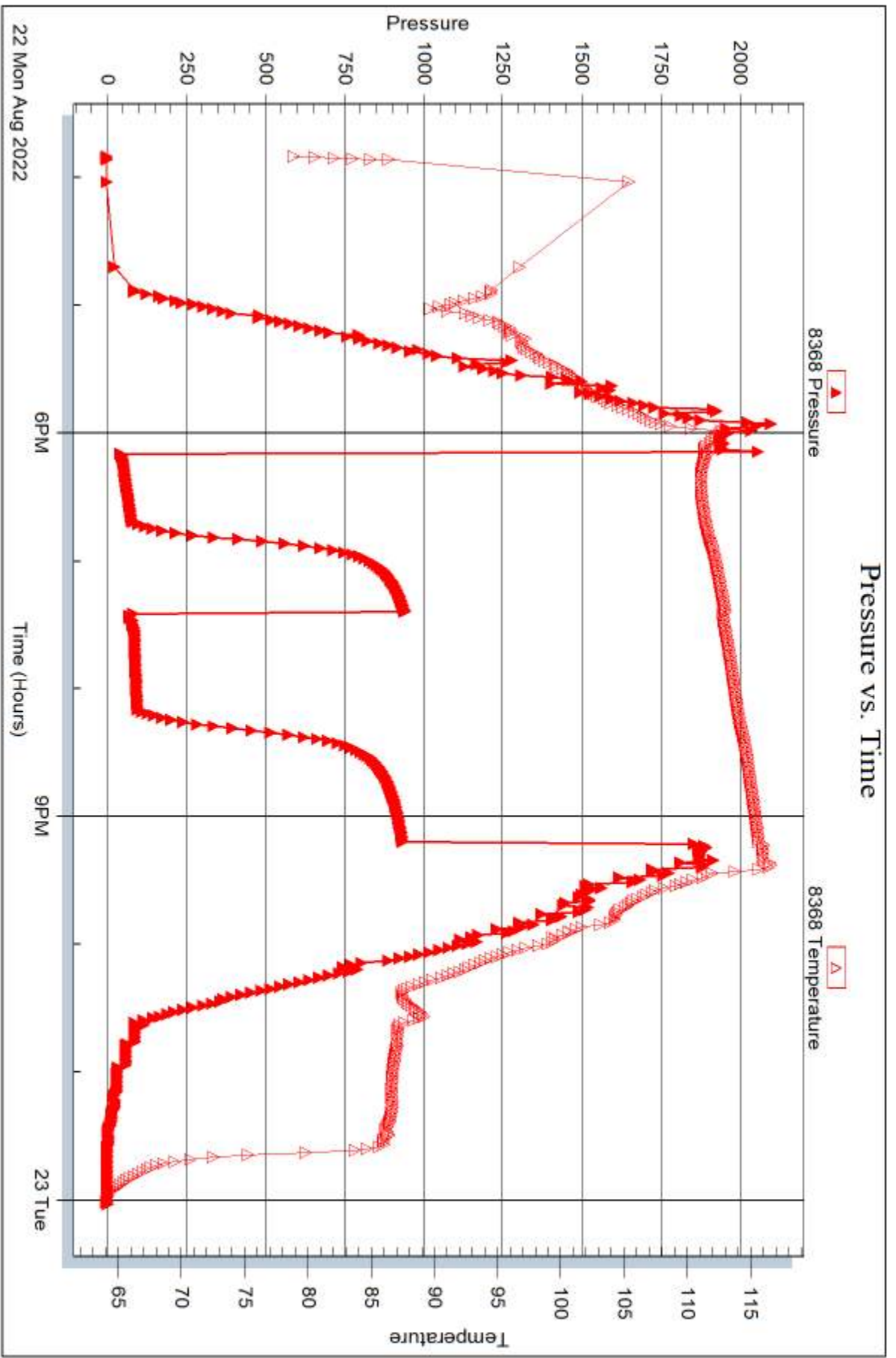
Serial #: 8368

Inside

Pickell Drilling Co. Inc.

Basinger #5

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 69766

Printed: 2022.08.30 @ 09:09:04



DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co. Inc.**

100 S Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Basinger #5

6-16s-26w Ness,KS

Start Date: 2022.08.23 @ 09:05:00

End Date: 2022.08.23 @ 14:53:15

Job Ticket #: 69767 DST #: 3

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

Printed: 2022.08.30 @ 09:08:22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.
100 S Main STE 505
Wichita, KS 67202-3738
ATTN: Aaron Young

6-16s-26w Ness,KS

Basinger #5

Job Ticket: 69767

DST#: 3

Test Start: 2022.08.23 @ 09:05:00

GENERAL INFORMATION:

Formation: **LKC J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:15:15
 Time Test Ended: 14:53:15
 Interval: **4142.00 ft (KB) To 4170.00 ft (KB) (TVD)**
 Total Depth: 4170.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Terrance
 Unit No: 75
 Reference Elevations: 2656.00 ft (KB)
 2649.00 ft (CF)
 KB to GR/CF: 7.00 ft

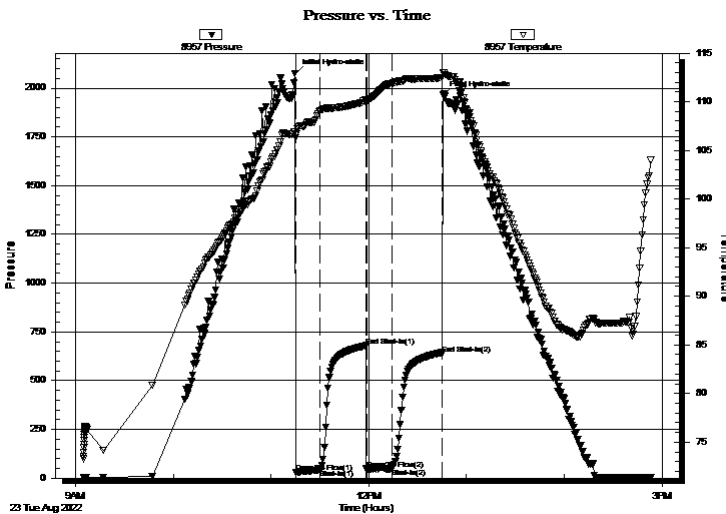
Serial #: 8957

Outside

Press@RunDepth: 48.52 psig @ 4143.00 ft (KB)
 Start Date: 2022.08.23 End Date: 2022.08.23
 Start Time: 09:05:01 End Time: 14:53:15
 Capacity: 8000.00 psig
 Last Calib.: 2022.08.23
 Time On Btm: 2022.08.23 @ 11:15:00
 Time Off Btm: 2022.08.23 @ 12:45:30

TEST COMMENT: IF-15-Surface blow
 IS-30-No return
 ff-15-No blow
 FS-30-No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2075.69 | 106.83 | Initial Hydro-static |
| 1 | 31.00 | 106.30 | Open To Flow (1) |
| 16 | 45.60 | 109.05 | Shut-In(1) |
| 44 | 678.74 | 110.22 | End Shut-In(1) |
| 44 | 45.82 | 110.08 | Open To Flow (2) |
| 59 | 48.52 | 111.87 | Shut-In(2) |
| 90 | 635.90 | 112.47 | End Shut-In(2) |
| 91 | 1963.96 | 113.01 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00 | mud | 0.05 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69767

DST#: 3

ATTN: Aaron Young

Test Start: 2022.08.23 @ 09:05:00

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|----------------------|------------------------|-------------|
| Drill Pipe: | Length: 4011.00 ft | Diameter: 3.79 inches | Volume: 55.97 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: ft | Diameter: inches | Volume: - bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 122.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: | 80000.00 lb |
| | | | <u>Total Volume:</u> | Tool Chased | ft |
| | | | - bbl | String Weight: Initial | 70000.00 lb |
| Drill Pipe Above KB: | 22.00 ft | | | Final | 70000.00 lb |
| Depth to Top Packer: | 4142.00 ft | | | | |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 28.00 ft | | | | |
| Tool Length: | 59.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.88 inches | | | |
| Tool Comments: | | | | | |

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4112.00 | |
| Shut In Tool | 5.00 | | | 4117.00 | |
| Hydraulic tool | 5.00 | | | 4122.00 | |
| Jars | 5.00 | | | 4127.00 | |
| EM Tool | 3.00 | | | 4130.00 | |
| Safety Joint | 3.00 | | | 4133.00 | |
| Packer | 5.00 | | | 4138.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4142.00 | |
| Stubb | 1.00 | | | 4143.00 | |
| Recorder | 0.00 | 8368 | Inside | 4143.00 | |
| Recorder | 0.00 | 8957 | Outside | 4143.00 | |
| Perforations | 24.00 | | | 4167.00 | |
| Bullnose | 3.00 | | | 4170.00 | 28.00 Bottom Packers & Anchor |

Total Tool Length: 59.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69767

DST#: 3

ATTN: Aaron Young

Test Start: 2022.08.23 @ 09:05:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 10.00 | mud | 0.049 |

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

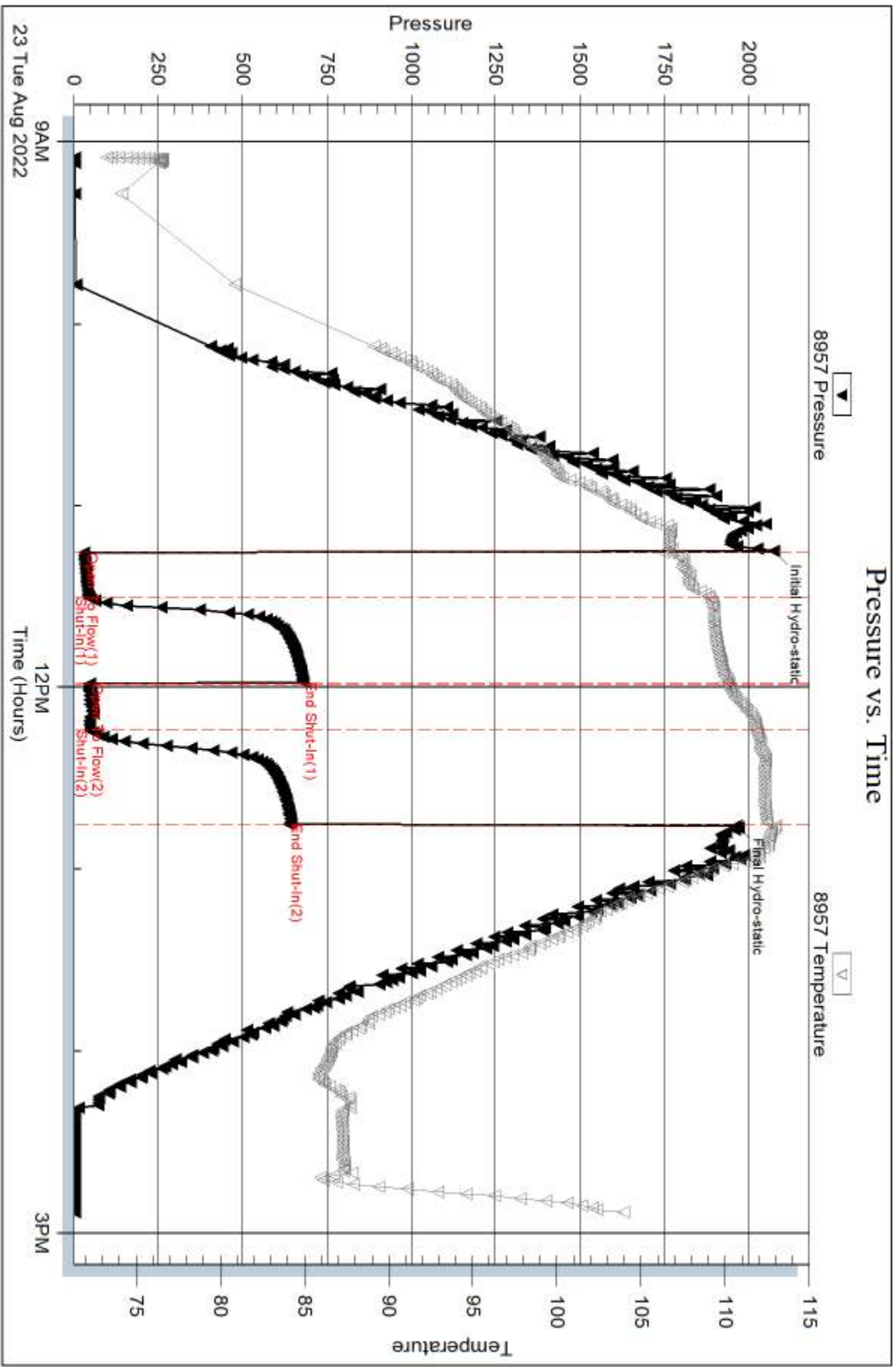
Recovery Comments:

Serial #: 8957

Outside Pickett Drilling Co. Inc.

Basinger #5

DST Test Number: 3



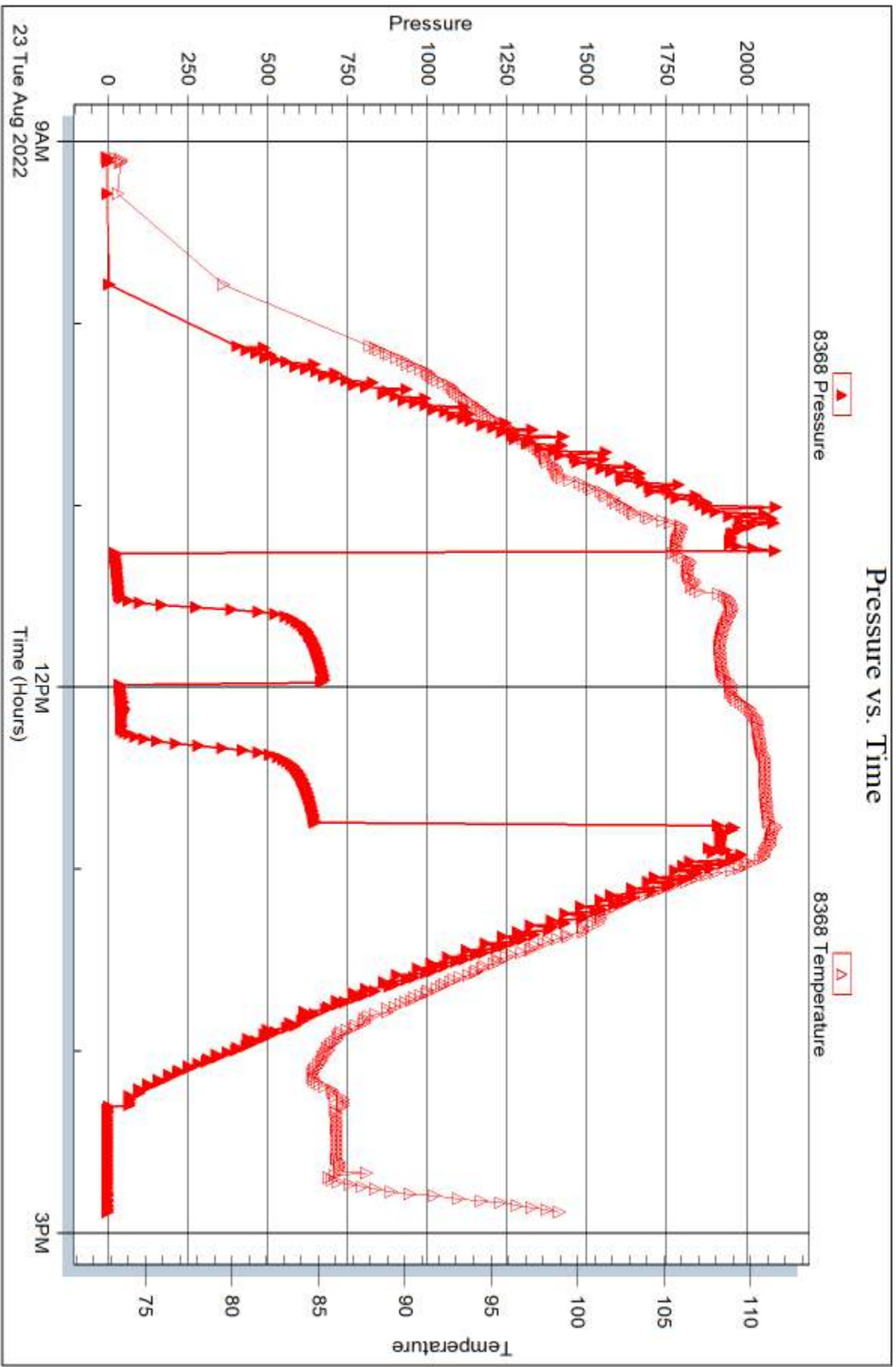
Serial #: 8368

Inside

Pickrell Drilling Co. Inc.

Basinger #5

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 69767

Printed: 2022.08.30 @ 09:08:24



DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co. Inc.**

100 S Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Basinger #5

6-16s-26w Ness,KS

Start Date: 2022.08.24 @ 01:15:00

End Date: 2022.08.24 @ 07:14:30

Job Ticket #: 69768 DST #: 4

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

Printed: 2022.08.30 @ 09:04:51



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.
100 S Main STE 505
Wichita, KS 67202-3738
ATTN: Aaron Young

6-16s-26w Ness,KS

Basinger #5

Job Ticket: 69768

DST#: 4

Test Start: 2022.08.24 @ 01:15:00

GENERAL INFORMATION:

Formation: **LKC K - L**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:42:30
 Time Test Ended: 07:14:30
 Interval: **4170.00 ft (KB) To 4229.00 ft (KB) (TVD)**
 Total Depth: 4229.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Terrance
 Unit No: 75
 Reference Elevations: 2656.00 ft (KB)
 2649.00 ft (CF)
 KB to GR/CF: 7.00 ft

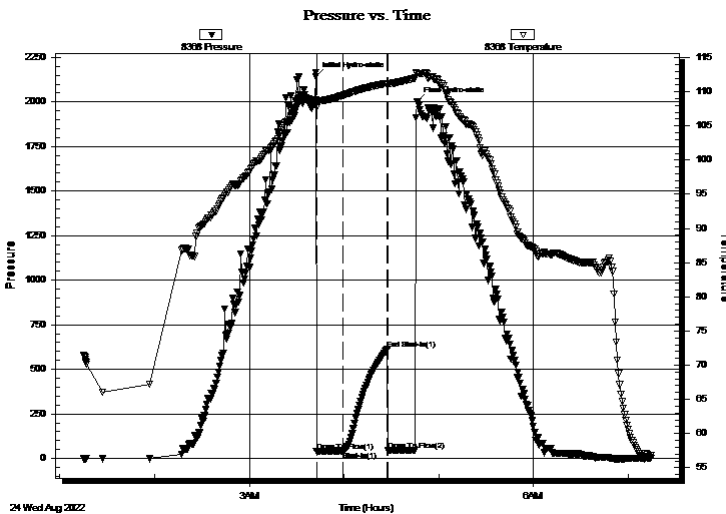
Serial #: 8368

Inside

Press@RunDepth: 42.33 psig @ 4171.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2022.08.24 End Date: 2022.08.24 Last Calib.: 2022.08.24
 Start Time: 01:15:05 End Time: 07:14:29 Time On Btm: 2022.08.24 @ 03:42:15
 Time Off Btm: 2022.08.24 @ 04:46:30

TEST COMMENT: IF-15-Weak surface blow
 IS-30-No return
 FF-15-Nn blow - pulled tool

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2141.74 | 108.78 | Initial Hydro-static |
| 1 | 38.13 | 107.69 | Open To Flow (1) |
| 17 | 42.33 | 109.46 | Shut-In(1) |
| 46 | 614.32 | 111.24 | End Shut-In(1) |
| 46 | 45.31 | 111.01 | Open To Flow (2) |
| 65 | 2001.30 | 112.62 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 5.00 | mud | 0.02 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69768

DST#: 4

ATTN: Aaron Young

Test Start: 2022.08.24 @ 01:15:00

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|----------------------|------------------------|-------------|
| Drill Pipe: | Length: 4042.00 ft | Diameter: 3.79 inches | Volume: 56.40 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: ft | Diameter: inches | Volume: - bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 122.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: | 80000.00 lb |
| | | | <u>Total Volume:</u> | Tool Chased | ft |
| | | | | String Weight: Initial | 72000.00 lb |
| Drill Pipe Above KB: | 25.00 ft | | | Final | 72000.00 lb |
| Depth to Top Packer: | 4170.00 ft | | | | |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 59.00 ft | | | | |
| Tool Length: | 90.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.88 inches | | | |
| Tool Comments: | | | | | |

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|--------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4140.00 | |
| Shut In Tool | 5.00 | | | 4145.00 | |
| Hydraulic tool | 5.00 | | | 4150.00 | |
| Jars | 5.00 | | | 4155.00 | |
| EM Tool | 3.00 | | | 4158.00 | |
| Safety Joint | 3.00 | | | 4161.00 | |
| Packer | 5.00 | | | 4166.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4170.00 | |
| Stubb | 1.00 | | | 4171.00 | |
| Recorder | 0.00 | 8368 | Inside | 4171.00 | |
| Recorder | 0.00 | 8320 | Outside | 4171.00 | |
| Perforations | 2.00 | | | 4173.00 | |
| Change Over Sub | 1.00 | | | 4174.00 | |
| Drill Pipe | 32.00 | | | 4206.00 | |
| Change Over Sub | 1.00 | | | 4207.00 | |
| Perforations | 19.00 | | | 4226.00 | |
| Bullnose | 3.00 | | | 4229.00 | 59.00 Bottom Packers & Anchor |
| Total Tool Length: | 90.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69768

DST#: 4

ATTN: Aaron Young

Test Start: 2022.08.24 @ 01:15:00

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 5.00 | mud | 0.025 |

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

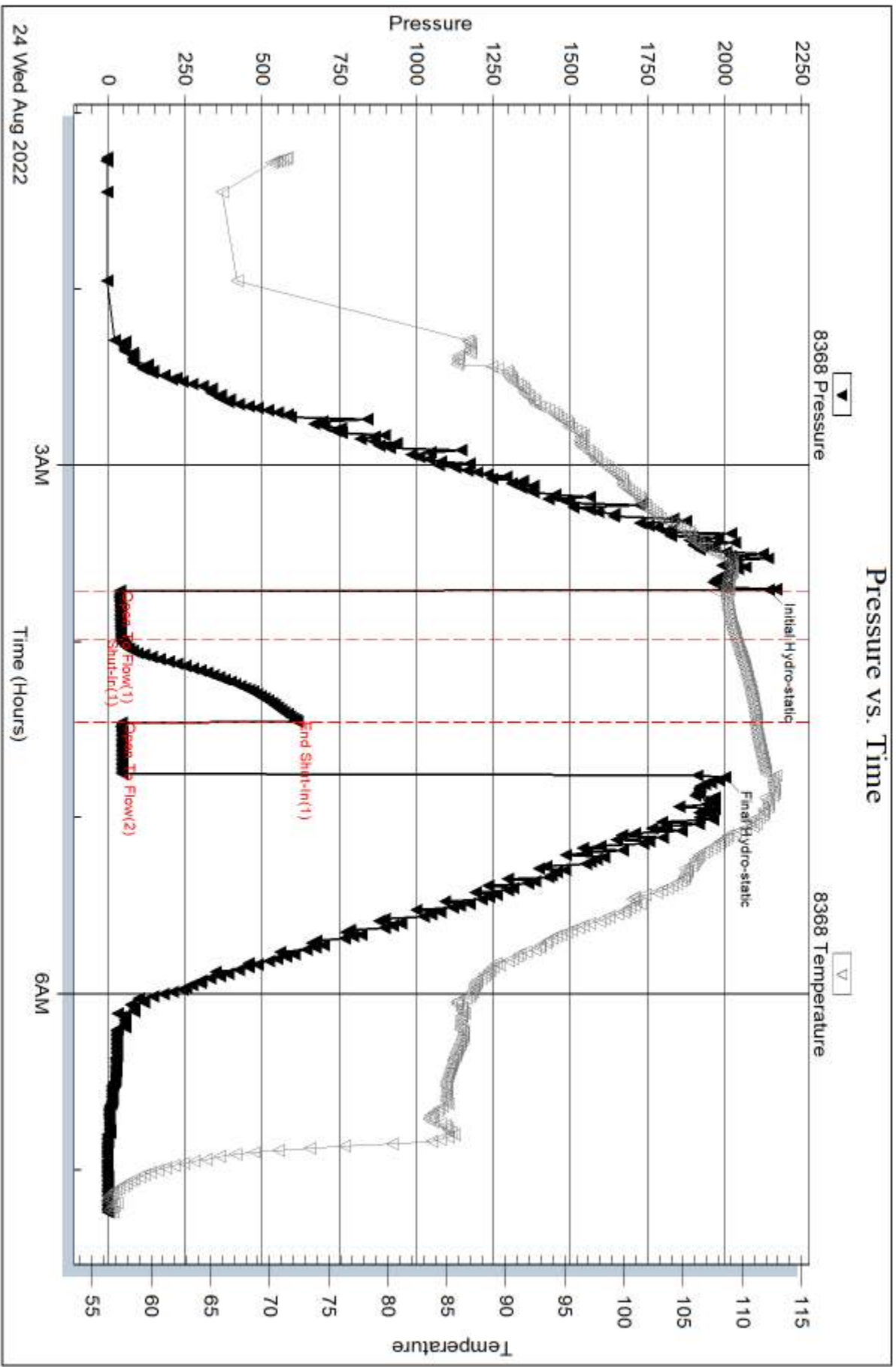
Num Gas Bombs: 0

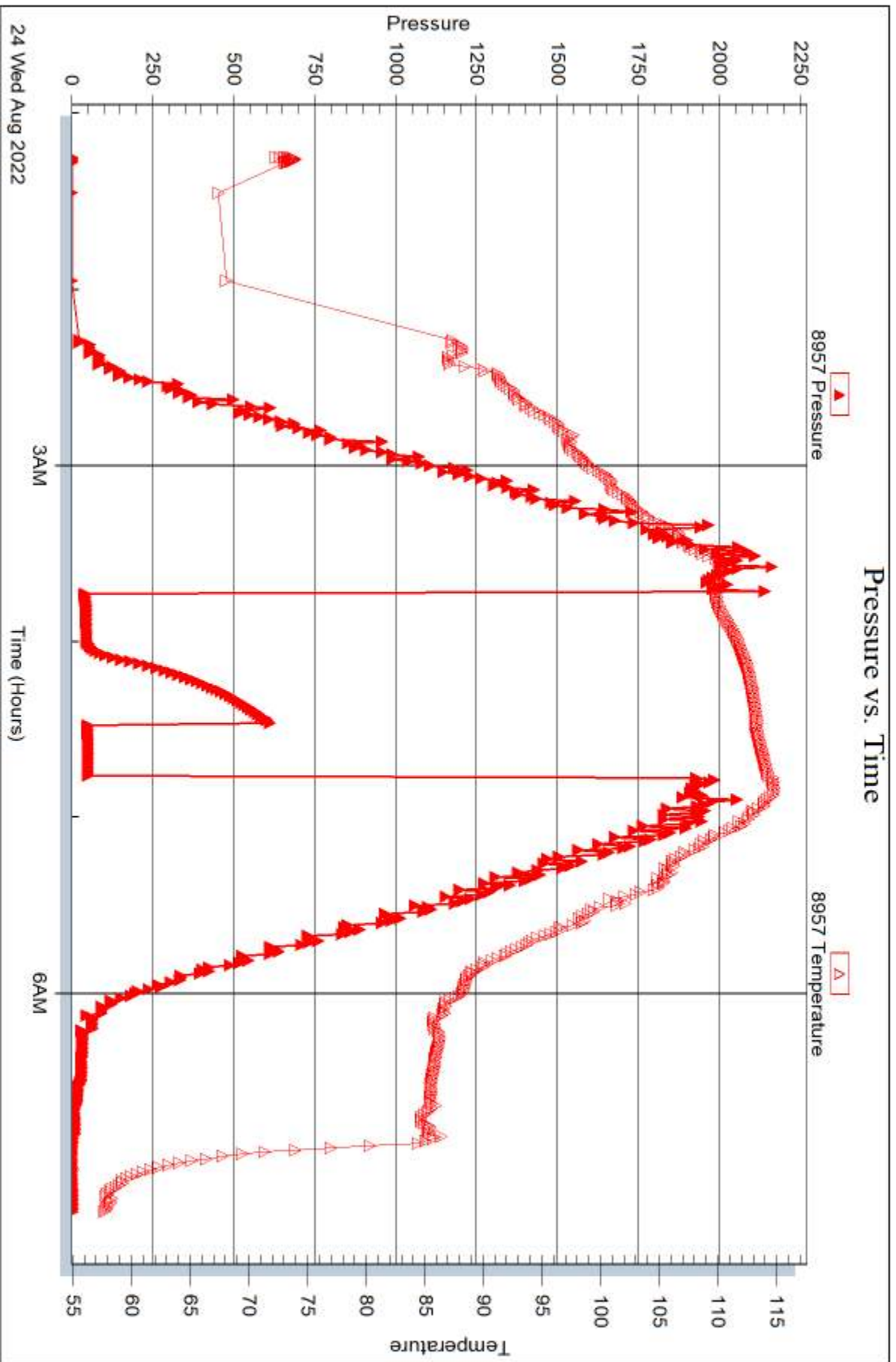
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co. Inc.**

100 S Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Basinger #5

6-16s-26w Ness,KS

Start Date: 2022.08.25 @ 04:45:00

End Date: 2022.08.25 @ 13:59:15

Job Ticket #: 69769 DST #: 5

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

Printed: 2022.08.30 @ 09:01:22



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.
100 S Main STE 505
Wichita, KS 67202-3738
ATTN: Aaron Young

6-16s-26w Ness,KS

Basinger #5

Job Ticket: 69769

DST#: 5

Test Start: 2022.08.25 @ 04:45:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:09:15

Time Test Ended: 13:59:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Terrance

Unit No: 75

Interval: 4476.00 ft (KB) To 4548.00 ft (KB) (TVD)

Reference Elevations: 2656.00 ft (KB)

Total Depth: 4021.00 ft (KB) (TVD)

2649.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 8368

Inside

Press@RunDepth: 89.86 psig @ 4479.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.08.25

End Date:

2022.08.25

Last Calib.: 2022.08.25

Start Time: 04:45:05

End Time:

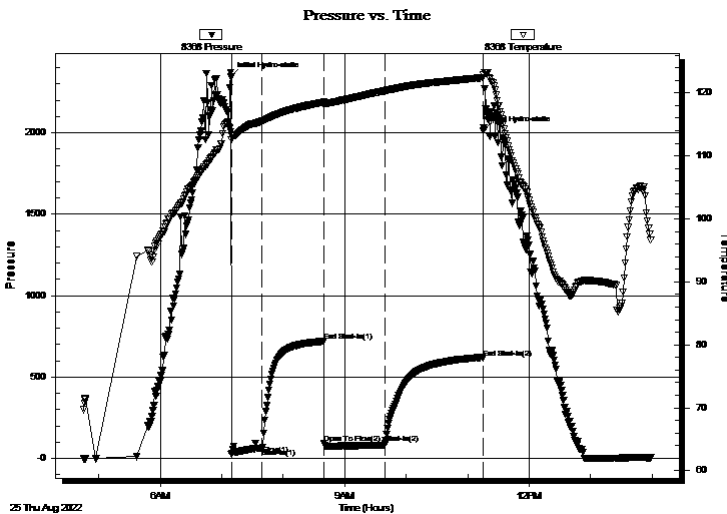
13:59:15

Time On Btm: 2022.08.25 @ 07:09:00

Time Off Btm: 2022.08.25 @ 11:15:30

TEST COMMENT: IF-30-1" blow
IS-60-No return
FF-60-1" blow
FS-90-No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2342.60 | 113.86 | Initial Hydro-static |
| 1 | 27.47 | 112.61 | Open To Flow (1) |
| 31 | 63.58 | 115.53 | Shut-In(1) |
| 91 | 719.39 | 118.55 | End Shut-In(1) |
| 91 | 93.94 | 118.19 | Open To Flow (2) |
| 151 | 89.86 | 120.35 | Shut-In(2) |
| 246 | 617.59 | 122.42 | End Shut-In(2) |
| 247 | 2013.09 | 122.96 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------|--------------|
| 60.00 | 20%WATER 80%MUD | 0.30 |
| 60.00 | OSM | 0.30 |
| 10.00 | OSM | 0.12 |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69769

DST#: 5

ATTN: Aaron Young

Test Start: 2022.08.25 @ 04:45:00

Tool Information

| | | | | | |
|---------------------------|--------------------|-----------------------|----------------------|------------------------|-------------|
| Drill Pipe: | Length: 4386.00 ft | Diameter: 3.79 inches | Volume: 61.20 bbl | Tool Weight: | 2500.00 lb |
| Heavy Wt. Pipe: | Length: ft | Diameter: inches | Volume: - bbl | Weight set on Packer: | 25000.00 lb |
| Drill Collar: | Length: 122.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: | 80000.00 lb |
| | | | <u>Total Volume:</u> | Tool Chased | ft |
| Drill Pipe Above KB: | 63.00 ft | | | String Weight: Initial | 75000.00 lb |
| Depth to Top Packer: | 4476.00 ft | | | Final | 75000.00 lb |
| Depth to Bottom Packer: | ft | | | | |
| Interval between Packers: | 72.00 ft | | | | |
| Tool Length: | 103.00 ft | | | | |
| Number of Packers: | 2 | Diameter: 6.88 inches | | | |
| Tool Comments: | | | | | |

Tool Description

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|---------------------------|---------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4446.00 | |
| Shut In Tool | 5.00 | | | 4451.00 | |
| Hydraulic tool | 5.00 | | | 4456.00 | |
| Jars | 5.00 | | | 4461.00 | |
| EM Tool | 3.00 | | | 4464.00 | |
| Safety Joint | 3.00 | | | 4467.00 | |
| Packer | 5.00 | | | 4472.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4476.00 | |
| Stubb | 1.00 | | | 4477.00 | |
| Perforations | 2.00 | | | 4479.00 | |
| Recorder | 0.00 | 8368 | Inside | 4479.00 | |
| Recorder | 0.00 | 8320 | Outside | 4479.00 | |
| Change Over Sub | 1.00 | | | 4480.00 | |
| Drill Pipe | 63.00 | | | 4543.00 | |
| Change Over Sub | 1.00 | | | 4544.00 | |
| Perforations | 1.00 | | | 4545.00 | |
| Bullnose | 3.00 | | | 4548.00 | 72.00 Bottom Packers & Anchor |
| Total Tool Length: | 103.00 | | | | |



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69769

DST#: 5

ATTN: Aaron Young

Test Start: 2022.08.25 @ 04:45:00

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: 49.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

BOTTOM PACKER FAILED

| Length ft | Description | Volume bbf |
|--------------|-----------------|---------------|
| 60.00 | 20%WATER 80%MUD | 0.295 |
| 60.00 | OSM | 0.295 |
| 10.00 | OSM | 0.121 |

Total Length: 130.00 ft

Total Volume: 0.711 bbf

Num Fluid Samples: 0

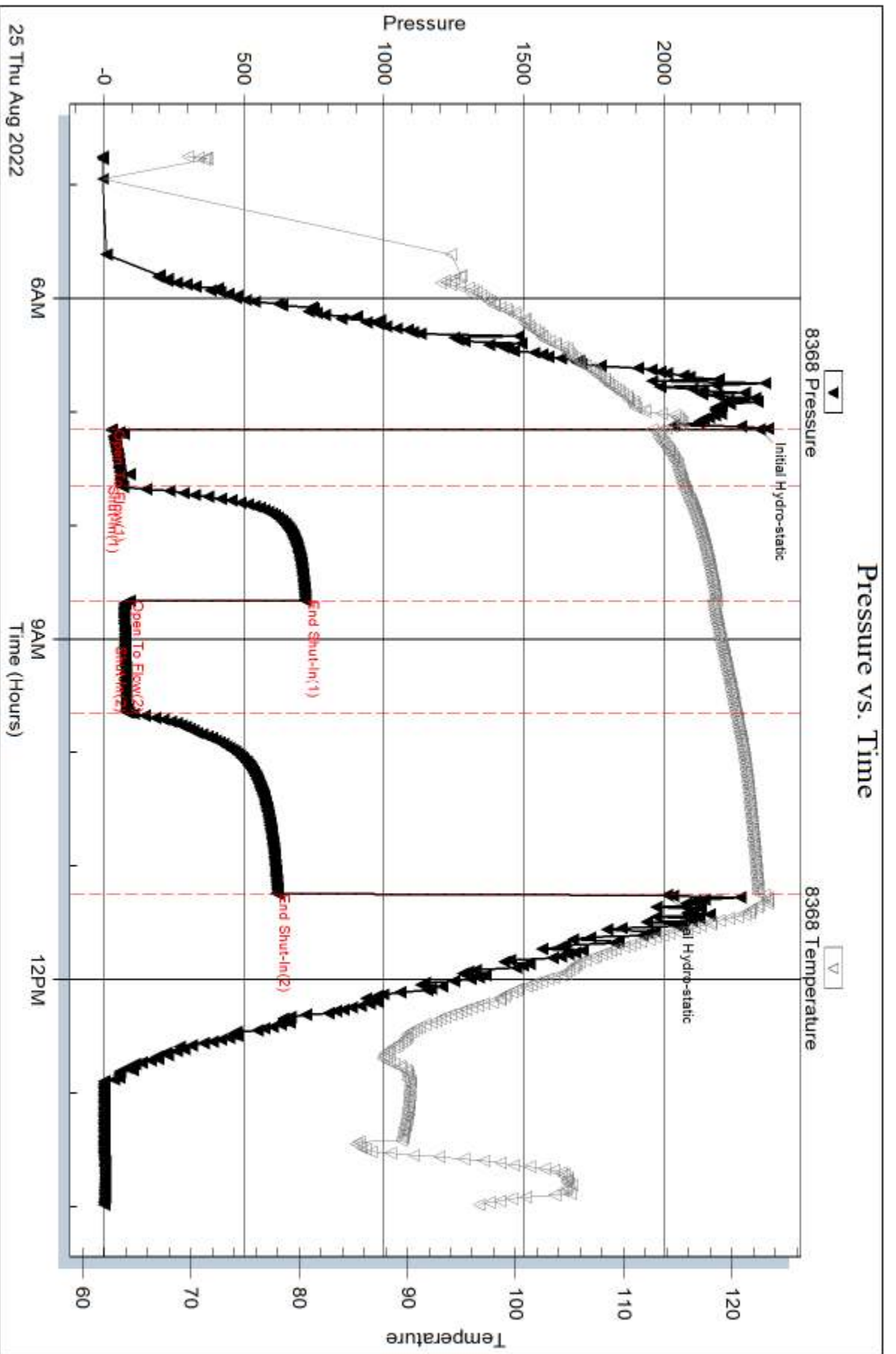
Num Gas Bombs: 0

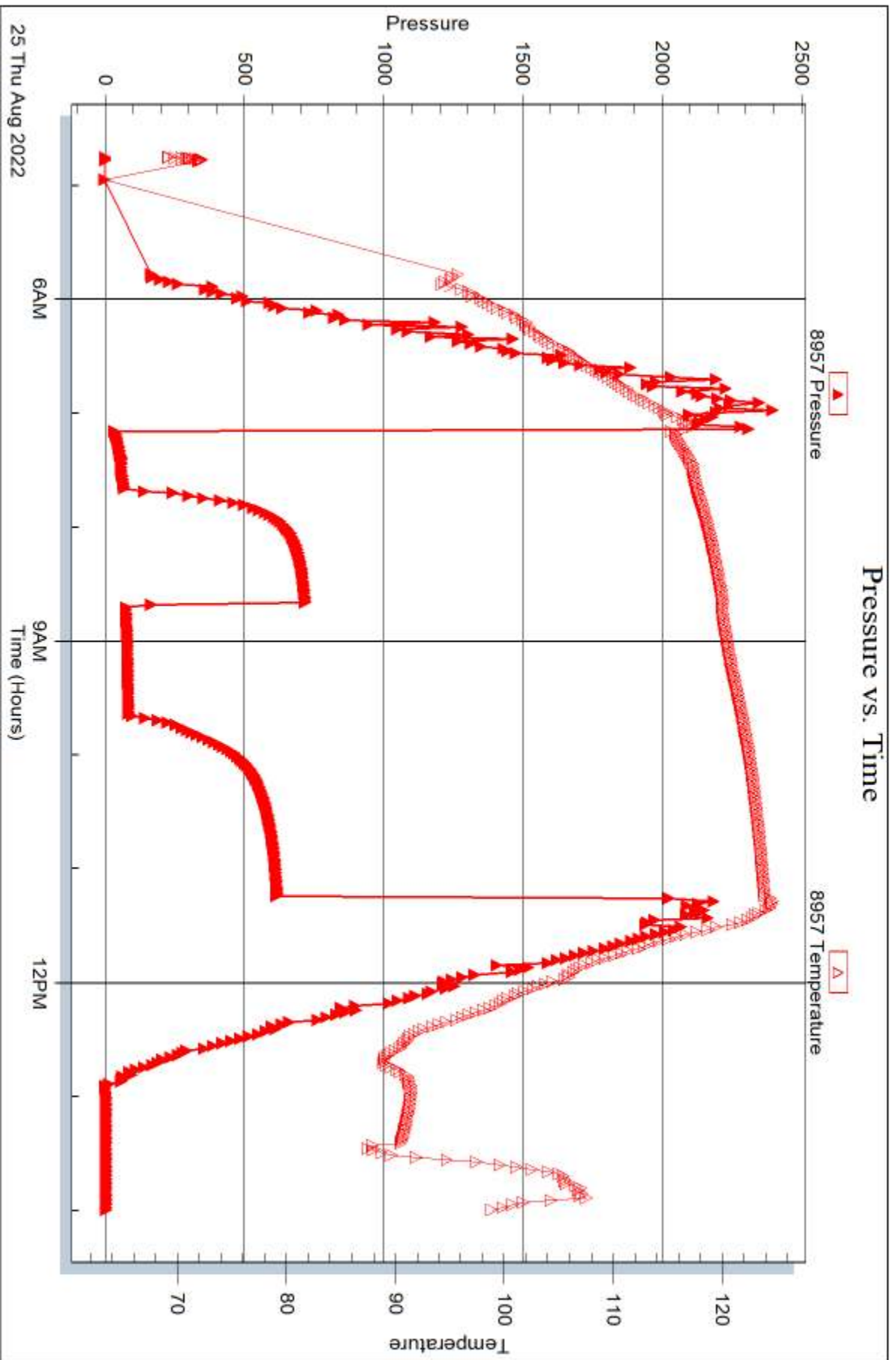
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Pickrell Drilling Co. Inc.**

100 S Main STE 505
Wichita, KS 67202-3738

ATTN: Aaron Young

Basinger #5

6-16s-26w Ness,KS

Start Date: 2022.08.26 @ 11:38:00

End Date: 2022.08.26 @ 22:00:30

Job Ticket #: 69770 DST #: 6

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

Printed: 2022.08.30 @ 08:53:49



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Pickrell Drilling Co. Inc.
 100 S Main STE 505
 Wichita, KS 67202-3738
 ATTN: Aaron Young

6-16s-26w Ness,KS

Basinger #5

Job Ticket: 69770

DST#: 6

Test Start: 2022.08.26 @ 11:38:00

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:37:30
 Time Test Ended: 22:00:30
 Interval: **4541.00 ft (KB) To 4556.00 ft (KB) (TVD)**
 Total Depth: 4640.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Terrance
 Unit No: 75
 Reference Elevations: 2656.00 ft (KB)
 2649.00 ft (CF)
 KB to GR/CF: 7.00 ft

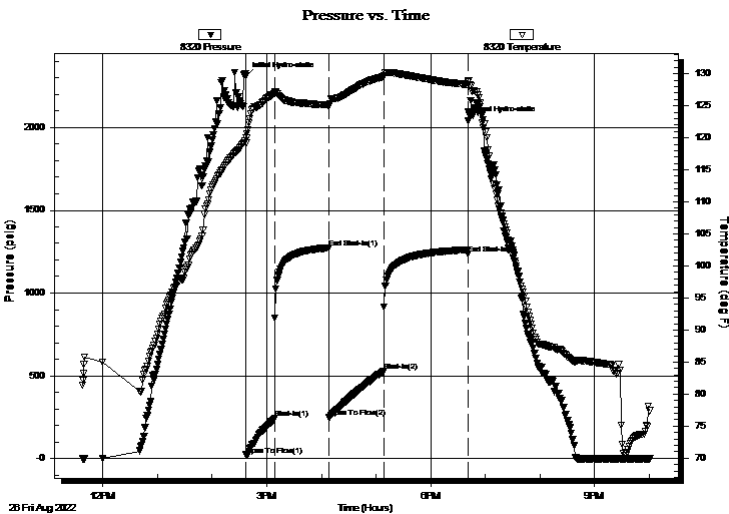
Serial #: 8320

Outside

Press@RunDepth: 528.53 psig @ 4542.00 ft (KB)
 Start Date: 2022.08.26 End Date: 2022.08.26
 Start Time: 11:38:05 End Time: 22:00:30
 Capacity: 8000.00 psig
 Last Calib.: 2022.08.26
 Time On Btm: 2022.08.26 @ 14:37:00
 Time Off Btm: 2022.08.26 @ 18:40:45

TEST COMMENT: IF-30-BOB in 20 min 20" total
 IS-60- No return
 FF-60- BOB in 20 min
 FS-90-No return

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2310.71 | 119.56 | Initial Hydro-static |
| 1 | 21.53 | 119.18 | Open To Flow (1) |
| 32 | 241.37 | 127.00 | Shut-In(1) |
| 91 | 1272.94 | 125.21 | End Shut-In(1) |
| 92 | 247.94 | 124.86 | Open To Flow (2) |
| 152 | 528.53 | 129.55 | Shut-In(2) |
| 244 | 1237.18 | 128.33 | End Shut-In(2) |
| 244 | 2039.24 | 128.75 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|---------------------|--------------|
| 710.00 | 100% w ater | 8.80 |
| 120.00 | 80% w ater 20% mud | 1.67 |
| 240.00 | 50 % w ater 50% mud | 3.35 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69770

DST#: 6

ATTN: Aaron Young

Test Start: 2022.08.26 @ 11:38:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|----------------------------|------------------------------------|
| Drill Pipe: | Length: 4409.00 ft | Diameter: 3.79 inches | Volume: 61.52 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: ft | Diameter: inches | Volume: - bbl | Weight set on Packer: 25000.00 lb |
| Drill Collar: | Length: 122.00 ft | Diameter: 2.25 inches | Volume: 0.60 bbl | Weight to Pull Loose: 90000.00 lb |
| | | | <u>Total Volume: - bbl</u> | Tool Chased ft |
| Drill Pipe Above KB: | 21.00 ft | | | String Weight: Initial 75000.00 lb |
| Depth to Top Packer: | 4541.00 ft | | | Final 85000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 99.00 ft | | | |
| Tool Length: | 130.00 ft | | | |
| Number of Packers: | 3 | Diameter: 6.88 inches | | |

Tool Comments:

Tool Description

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

| | | | | | |
|-----------------|-------|------|---------|---------|-------------------------------|
| Change Over Sub | 1.00 | | | 4511.00 | |
| Shut In Tool | 5.00 | | | 4516.00 | |
| Hydraulic tool | 5.00 | | | 4521.00 | |
| Jars | 5.00 | | | 4526.00 | |
| EM Tool | 3.00 | | | 4529.00 | |
| Safety Joint | 3.00 | | | 4532.00 | |
| Packer | 5.00 | | | 4537.00 | 31.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4541.00 | |
| Stubb | 1.00 | | | 4542.00 | |
| Recorder | 0.00 | 8368 | Inside | 4542.00 | |
| Recorder | 0.00 | 8320 | Outside | 4542.00 | |
| Perforations | 9.00 | | | 4551.00 | |
| Blank Off Sub | 1.00 | | | 4552.00 | |
| Packer - Shale | 4.00 | | | 4556.00 | |
| Stubb | 1.00 | | | 4557.00 | |
| Recorder | 0.00 | 8957 | Below | 4557.00 | |
| Perforations | 15.00 | | | 4572.00 | |
| Change Over Sub | 1.00 | | | 4573.00 | |
| Drill Pipe | 63.00 | | | 4636.00 | |
| Change Over Sub | 1.00 | | | 4637.00 | |
| Bullnose | 3.00 | | | 4640.00 | 99.00 Bottom Packers & Anchor |

Total Tool Length: 130.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pickrell Drilling Co. Inc.

6-16s-26w Ness,KS

100 S Main STE 505
Wichita, KS 67202-3738

Basinger #5

Job Ticket: 69770

DST#: 6

ATTN: Aaron Young

Test Start: 2022.08.26 @ 11:38:00

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:

40000 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|--------------------|----------------|
| 710.00 | 100% water | 8.805 |
| 120.00 | 80% water 20% mud | 1.674 |
| 240.00 | 50 % water 50% mud | 3.349 |

Total Length: 1070.00 ft

Total Volume: 13.828 bbl

Num Fluid Samples: 0

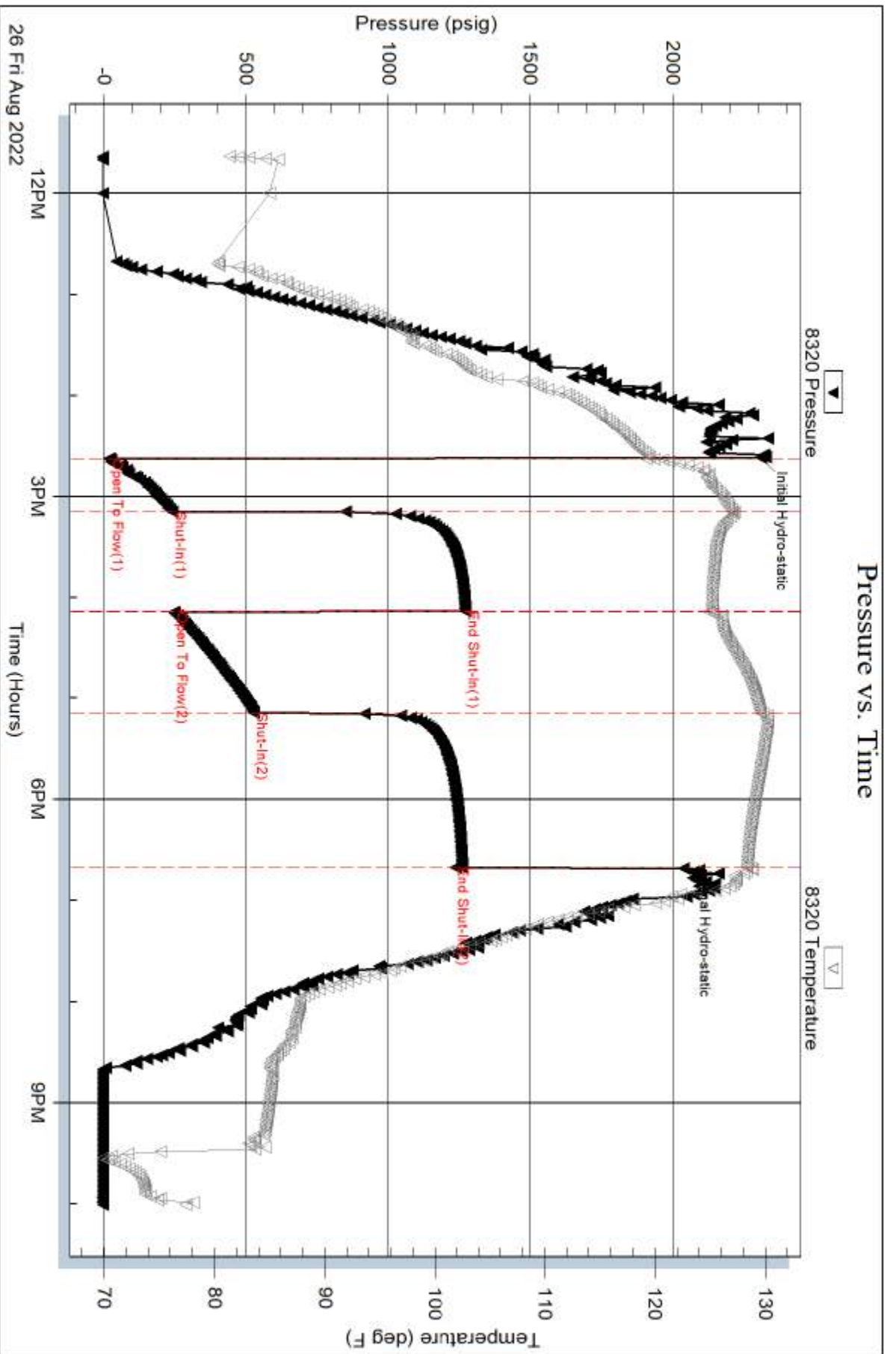
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

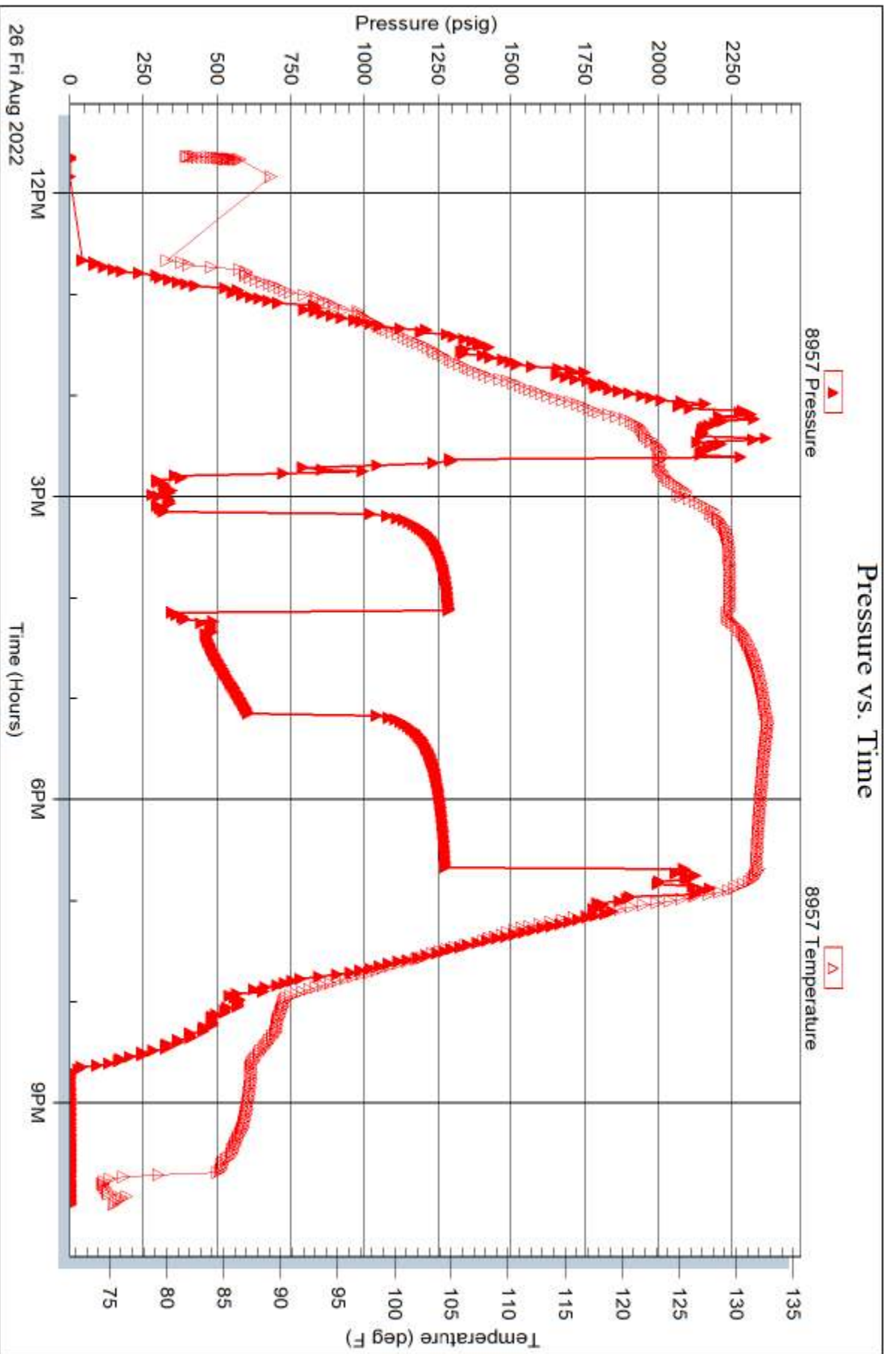


Serial #: 8957

Below (Stratton) Drilling Co. Inc.

Basinger #5

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 69770

Printed: 2022.08.30 @ 08:54:32

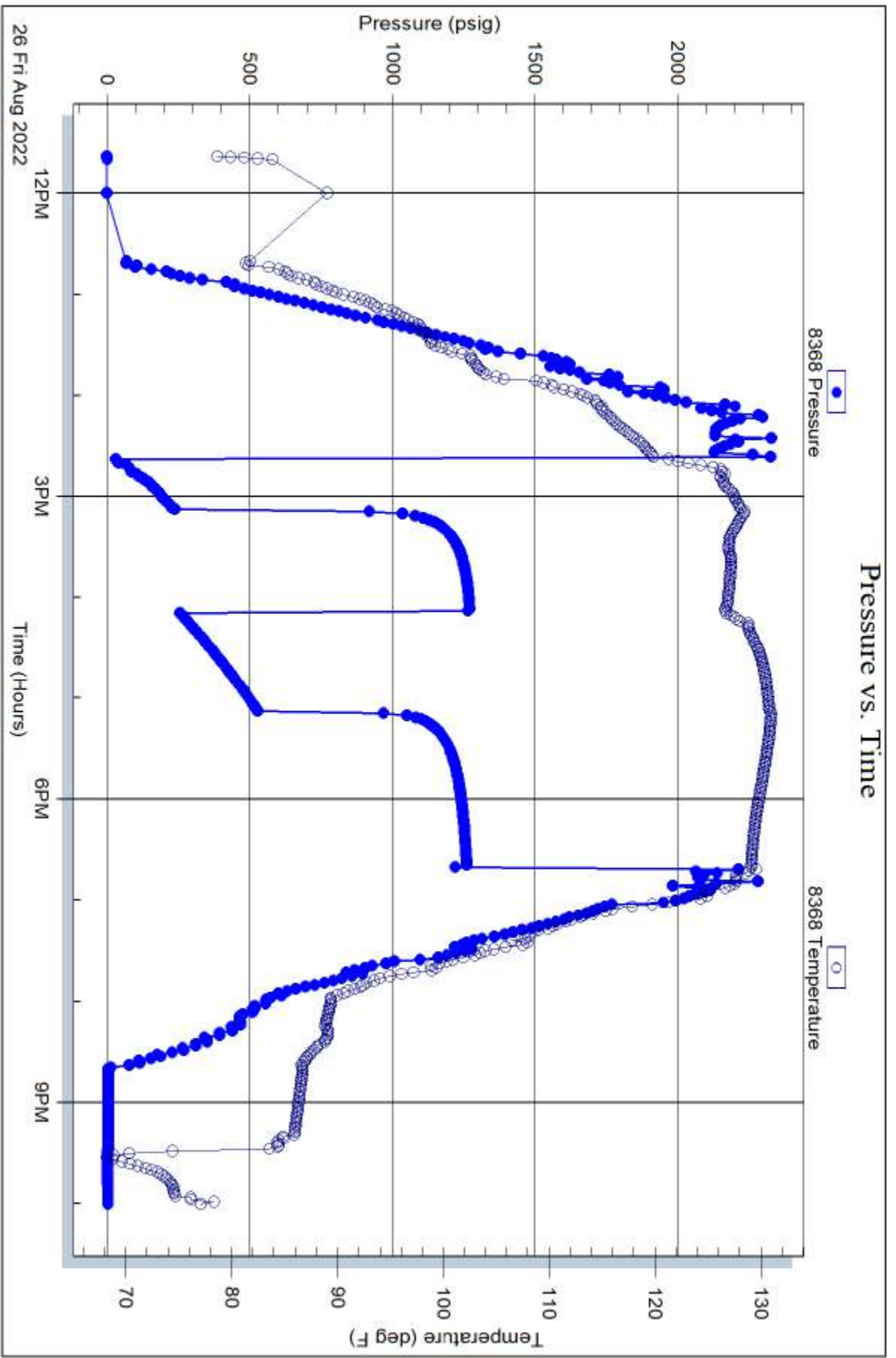
Serial #: 8368

Inside

Pickrell Drilling Co. Inc.

Basinger #5

DST Test Number: 6



Trilobite Testing, Inc

Ref. No: 69770

Printed: 2022.08.30 @ 08:54:32



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69765**

Well Name & No. Basinger #5 Test No. 1 Date 8-21-22
 Company Pickrell Drilling Co., Inc. Elevation 2656 KB _____ GL _____
 Address 100 S Main St #505 Wichita, KS 67202 + 3738
 Co. Rep / Geo. Aaron Young Rig Pickrell 10
 Location: Sec. 6 Twp 16 S Rge. 26 W Co. Ness State KS

Interval Tested 4004 - 4021 Zone Tested Lancing "F"
 Anchor Length 17' Drill Pipe Run 3853 Mud Wt. 8.8
 Top Packer Depth 3999 Drill Collars Run _____ Vis 44
 Bottom Packer Depth 4004 Wt. Pipe Run 122 WL 8.8
 Total Depth 4021 Chlorides 2600 ppm System LCM 1#

Blow Description IF - 30 - Surface Blow
IS - 30 - No Return
FF - 30 - No Blow
FS - 30 - No Return

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------------|------------|------------|--------------|------------|
| <u>260</u> | <u>OSM</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 260 BHT 115 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1933 Test 1950 T-On Location 4:17:45
 (B) First Initial Flow 148 Jars 300 T-Started 19:15
 (C) First Final Flow 150 Safety Joint _____ T-Open 22:00
 (D) Initial Shut-In 857 Circ Sub _____ T-Pulled 24:00
 (E) Second Initial Flow 207 Hourly Standby _____ T-Out 3:00
 (F) Second Final Flow 860 Mileage 50 x 2 150 Comments Driller hit
 (G) Final Shut-In 867 Sampler _____ a bridge going
 (H) Final Hydrostatic 1850 Straddle _____ in the hole
 EM Tool -350
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Extra Copies _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 2050
 Sub Total 2400 MP/DST Disc't _____

Approved By _____ Our Representative Terrance Wickham

Tribolite 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. **69766**

Well Name & No. Bosinger #5 Test No. 2 Date 8-22-22
 Company Pickrell Drilling Co., Inc. Elevation 2656 KB _____ GL _____
 Address 1005 Main STE 505 Wichita, KS: 67202 + 3738
 Co. Rep / Geo. Aaron Yang Rig Pickrell 10
 Location: Sec. 6 Twp 16S Rge. 26W Co. Ness State KS

Interval Tested 4074-4142 Zone Tested Lansing H & I
 Anchor Length 68 Drill Pipe Run 3949 Mud Wt. 8.8
 Top Packer Depth 4069 Drill Collars Run 122 Vis 46
 Bottom Packer Depth 4074 Wt. Pipe Run _____ WL 8.8
 Total Depth 4142 Chlorides 2600 ppm System LCM 1#

Blow Description IF-30-6 inches
ISI-45- No Return
FF-45- 9 inches
FSI-60- No Return

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------|------------|-----------|--------|-----------|
| <u>150</u> | | | <u>40</u> | | <u>60</u> |
| <u>180</u> | | <u>100</u> | | | |
| _____ | | | | | |
| _____ | | | | | |

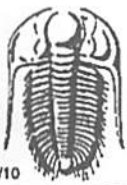
Rec Total 330 BHT 117 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2060 Test 1950 T-On Location 14:50
 (B) First Initial Flow 50 Jars 300 T-Started 15:50
 (C) First Final Flow 80 Safety Joint _____ T-Open 18:10
 (D) Initial Shut-In 940 Circ Sub _____ T-Pulled 9 21:10
 (E) Second Initial Flow 72 Hourly Standby _____ T-Out 24:00
 (F) Second Final Flow 90 Mileage 50 x 2 150 Comments _____
 (G) Final Shut-In 931 Sampler _____
 (H) Final Hydrostatic 1884 Straddle _____

Initial Open 30 EM Tool _____
 Initial Shut-In 45 Ruined Shale Packer _____
 Final Flow 45 Ruined Packer _____
 Final Shut-In 120 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2400 Sub Total _____ MP/DST Disc't _____

Approved By _____ Our Representative Terrance Wickham

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. **69767**

Well Name & No. Basinger # 5 Test No. 3 Date 8-23-22
 Company Pickrell Drilling Co., Inc. Elevation ~~2649~~ 2658 KB ~~2649~~ GL
 Address 1005 Main STE 505 Wichita, KS, 67202 +3738 2649
 Co. Rep / Geo. Aaron Young Rig Pickrell 10
 Location: Sec. 6 Twp 16S Rge. 26W Co. Ness State KS

Interval Tested: 4142 - 4170 Zone Tested Lansing
 Anchor Length 28 Drill Pipe Run 4011 Mud Wt. 9.0
 Top Packer Depth 4137 Drill Collars Run 122 Vis 49
 Bottom Packer Depth 4142 Wt. Pipe Run ~~422~~ WL 8.0
 Total Depth 4170 Chlorides 3200 ppm System LCM 2#

Blow Description IF - 15 - Surface Blow
ISI - 30 - No Return
FF - 15 - No Blow
FSS - 30 - No Return

| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|---------|------|------|------------|------|
| <u>10</u> | | | | <u>100</u> | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

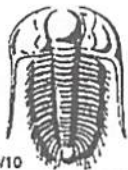
Rec Total 10 BHT 111 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2076 Test 1950 T-On Location 7:15 AM
 (B) First Initial Flow 31 Jars 300 T-Started 9:05
 (C) First Final Flow 46 Safety Joint _____ T-Open 11:15
 (D) Initial Shut-In 679 Circ Sub _____ T-Pulled 12:45
 (E) Second Initial Flow 46 Hourly Standby _____ T-Out 3:00
 (F) Second Final Flow 49 Mileage 50 x 2 150 Comments _____
 (G) Final Shut-In 636 Sampler _____
 (H) Final Hydrostatic 1964 Straddle _____ EM Tool _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 2400 MP/DST Disc't _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 15
 Final Shut-In 30

Approved By _____ Our Representative Terrance Wickham

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. 69768

Well Name & No. Basinger #5 Test No. 4 Date 8-24-22
 Company Pickrell Drilling Co. Elevation 2654 KB 2649 GL
 Address 100 S Main STE 505 Wichita, KS 67202 + 3738
 Co. Rep / Geo. Aaron Young Rig Pickrell 10
 Location: Sec. 4 Twp 16S Rge. 26W Co. Ness State KS

Interval Tested 4170-4229 Zone Tested Lansing K&L
 Anchor Length 59 Drill Pipe Run 4042 Mud Wt. 9.1
 Top Packer Depth 4165 Drill Collars Run 122 Vis 49
 Bottom Packer Depth 4170 Wt. Pipe Run _____ WL 8.8
 Total Depth 4229 Chlorides 3600 ppm System LCM 2#
 Blow Description IS-15-Weak Surface Blow
ISI-30-No Return
FF-15-No Blow-Pulled tool

| Rec | Feet of | %gas | %oil | %water | %mud |
|----------|---------|------|------|------------|------|
| <u>5</u> | | | | <u>100</u> | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Rec Total 5 BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2142 Test 1950 T-On Location 12:20
 (B) First Initial Flow 38 Jars 300 T-Started 1:15
 (C) First Final Flow 42 Safety Joint _____ T-Open 3:40
 (D) Initial Shut-In 614 Circ Sub _____ T-Pulled 4:40
 (E) Second Initial Flow 45 Hourly Standby _____ T-Out 7:10
 (F) Second Final Flow _____ Mileage 50 X 2 150 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 2001 Straddle _____
 Shale Packer _____ EM Tool -350
 Extra Packer _____ Ruined Shale Packer _____
 Extra Recorder _____ Ruined Packer _____
 Day Standby _____ Sub Total -350
 Accessibility _____ Total 2050
 Sub Total 2400 MP/DST Disc't _____

Approved By _____ Our Representative Terrance Wickham

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. **69769**

Well Name & No. Basinger # 5 Test No. 5 Date 8-25-22
 Company Pickrell Drilling Company Elevation 2656 KB 2649 GL
 Address 1005 Main STE 505 Wichita, KS 67202-3738
 Co. Rep / Geo. Aaron Young Rig Pickrell 10
 Location: Sec. 4 Twp 16S Rge. 26W Co. Ness State KS

Interval Tested 4474-4548 Zone Tested Miss
 Anchor Length 72 Drill Pipe Run 4346 Mud Wt. 9.1
 Top Packer Depth 4472 Drill Collars Run 122 Vis 49
 Bottom Packer Depth 4476 Wt. Pipe Run _____ WL 9.8
 Total Depth 4548 Chlorides 3600 ppm System LCM 2H

Blow Description IF-30-1inch
IS-40-No Return
SF-60-1inch
FSI-90-No Return

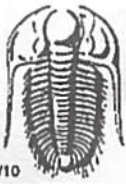
| Rec | Feet of | %gas | %oil | %water | %mud |
|-----------|---------|------|------------|--------|------------|
| <u>2</u> | | | <u>100</u> | | |
| <u>70</u> | | | | | <u>100</u> |
| <u>40</u> | | | <u>20</u> | | <u>80</u> |
| | | | | | |
| | | | | | |

Rec Total 132 BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2343 Test 1950 T-On Location 3:30
 (B) First Initial Flow 27 Jars 300 T-Started 4:45
 (C) First Final Flow 64 Safety Joint _____ T-Open 7:25
 (D) Initial Shut-In 719 Circ Sub _____ T-Pulled 11:05
 (E) Second Initial Flow 93 Hourly Standby _____ T-Out 13:45
 (F) Second Final Flow 89 Mileage 50K2 150 Comments _____
 (G) Final Shut-In 618 Sampler _____
 (H) Final Hydrostatic 2013 Straddle _____ EM Tool -350
 Shale Packer _____ Ruined Shale Packer _____
 Extra Packer _____ Ruined Packer _____
 Extra Recorder _____ Extra Copies _____
 Initial Open 30 Day Standby _____ Sub Total -350
 Initial Shut-In 60 Accessibility _____ Total 2050
 Final Flow 60 Sub Total 2400 MP/DST Disc't _____
 Final Shut-In 90

Approved By _____ Our Representative Terrance Wickham

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. **69770**

Well Name & No. Basinger #5 Test No. 6 Date 8-26-22
 Company Pickrell Drilling Co., Inc. Elevation 2656 KB 2649 GL
 Address 1005 Main STE 505 Wichita, Ks, 67202-3738
 Co. Rep / Geo. Aaron Young Rig Pickrell 10
 Location: Sec. 6 Twp 16S Rge. 26W Co. Ness State Ks

Interval Tested 4541-4554 Zone Tested Miss
 Anchor Length 15' Drill Pipe Run 4472 Mud Wt. 9.3
 Top Packer Depth 4536- Drill Collars Run 122 Vis 59
 Bottom Packer Depth 4541 Wt. Pipe Run _____ WL 8.0
 Total Depth 4640 Chlorides 5000 ppm System LCM 2#
 Blow Description RF-30 - Bob in 20 min
IST-60 - No Return
RF-60 - Bob in 20 min
FSI-90 - No Return

| Rec | Feet of | %gas | %oil | %water | %mud |
|------------|---------|------|------|-------------|------------|
| <u>240</u> | | | | <u>50%</u> | <u>50%</u> |
| <u>120</u> | | | | <u>90%</u> | <u>20%</u> |
| <u>710</u> | | | | <u>100%</u> | |
| | | | | | |
| | | | | | |

Rec Total 1070 BHT 129 Gravity _____ API RW 15 @ 85 °F Chlorides 40,000 ppm

| | | |
|-------------------------------------|--|--|
| (A) Initial Hydrostatic <u>2311</u> | <input checked="" type="checkbox"/> Test 1500 | T-On Location <u>9:00</u> |
| (B) First Initial Flow <u>22</u> | <input checked="" type="checkbox"/> Jars 300 | T-Started <u>11:38</u> |
| (C) First Final Flow <u>241</u> | <input checked="" type="checkbox"/> Safety Joint _____ | T-Open <u>2:35 14:35</u> |
| (D) Initial Shut-In <u>1273</u> | <input type="checkbox"/> Circ Sub _____ | T-Pulled <u>6:35 18:35</u> |
| (E) Second Initial Flow <u>248</u> | <input type="checkbox"/> Hourly Standby _____ | T-Out <u>22:00</u> |
| (F) Second Final Flow <u>529</u> | <input type="checkbox"/> Mileage <u>50x2</u> 150 | Comments _____ |
| (G) Final Shut-In <u>1237</u> | <input type="checkbox"/> Sampler _____ | |
| (H) Final Hydrostatic <u>2034</u> | <input checked="" type="checkbox"/> Straddle 600 | <input checked="" type="checkbox"/> EM Tool _____ |
| | <input checked="" type="checkbox"/> Shale Packer 250 | <input type="checkbox"/> Ruined Shale Packer _____ |
| Initial Open <u>30</u> | <input type="checkbox"/> Extra Packer _____ | <input type="checkbox"/> Ruined Packer _____ |
| Initial Shut-In <u>60</u> | <input type="checkbox"/> Extra Recorder _____ | <input type="checkbox"/> Extra Copies _____ |
| Final Flow <u>60</u> | <input type="checkbox"/> Day Standby _____ | Sub Total <u>0</u> |
| Final Shut-In <u>90</u> | <input type="checkbox"/> Accessibility _____ | Total <u>2800</u> |
| | Sub Total <u>2800</u> | MP/DST Disc't _____ |

Approved By _____

Our Representative Terrance Wickham

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.

Geologic Report
Aaron L. Young

Drilling Time and Sample Log

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

Well Name: Basinger #5
API: 15-135-26182
Location: Section 6 - T16S - R26W
License Number: 5123
Spud Date: 08 / 18 / 2022
Surface Coordinates: 440' FSL and 1985' FEL
Approx. NE - SW - SW - SE
Region: Ness Co., KS
Drilling Completed: 08 / 25 / 2022
Bottom Hole Coordinates:
Ground Elevation (ft): 2649' K.B. Elevation (ft): 2656'
Logged Interval (ft): 3900' To: 4640' Total Depth (ft): 4640'
Formation: Mississippian
Type of Drilling Fluid: Chemical - MudCo

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

OPERATOR

Company: Pickrell Drilling Co., Inc
Address: 100 S Main Ste 505
Wichita, KS 67202

GEOLOGIST

Name: Aaron L. Young, M. S.
Company: Pickrell Drilling Co., Inc.
Address: 100 S Main Ste 505
Wichita, KS 67202

General Info

CONTRACTOR: Pickrell Drilling, Rig #10

BIT RECORD:

| No. | Size | Make | Jets | Out | Feet | Hours |
|-----|--------|--------------|----------|-------|-------|-------|
| 1 | 12-1/4 | RR | 15-15-15 | 222' | 223' | 2.25 |
| 2 | 7-7/8 | SMITH MSI616 | 5 14's | 4640' | 4418' | 52.25 |

SURVEYS: 222'-.5, 722'-.75, 1260'-.5, 2271'-1.25, 2808'-.75, 4021'-1, 4548'-1, 4640- .75

GENERAL DRILLING AND PUMP INFORMATION:

Drilling with 12,000 lbs. on bit and approx 80-90 RPM.

Running 8 stands of collars; 491.5'

Pumping 60 strokes/min @ approx 800-1000 psi at standpipe.

Daily Status

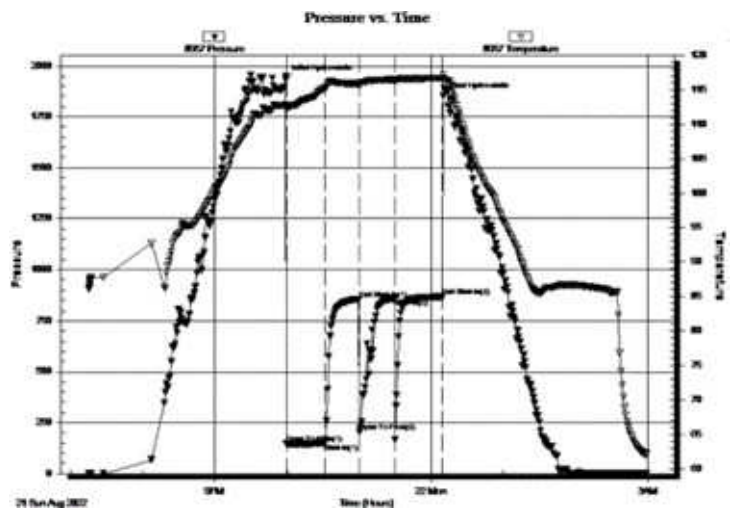
8-18-22: Spud well at 5:15 PM. SHT @ 222' = 1/2 °. Ran 5jts 8-5/8" 23# surface casing set at 221' (Tally 211'). Cement with 175 sx Class A cement 2% CC, 3% Gel, CDC. Plug Down at 11:45 PM, Franks #686.
 8-19-22: TD 222'. WOC.
 8-20-22: TD: 2397'. Drilling ahead. SHT @ 722' = 3/4°. SHT @ 1260' = 1/2°. SHT @ 2271' = 1-1/4°.
 8-21-22: TD: 3755'. Drilling ahead. SHT @ 2808' = 3/4 °.
 8-22-22: Today's Depth: 4021'. Drilling ahead. SHT @ 4021' = 3/4 °.
 8-23-22: 8-23-22: TD: 4170'. Drilling ahead. Ran DST #1 and DST #2.
 8-24-22: TD: 4229'. Drilling ahead. Ran DST #3, Lansing K & L zones, Rec 5' mud. Ran DST #4
 8-25-22: TD 4548'
 8-26-22: TD 4640' Logging.
 8-27-22: TD: 4640'.
 8-28-22: TD: 4640'. Ran 5-1/2" 15.5/17# Used production casing at 4638' (Tally 4634') with Port collar @ 2078'. Cement with 220 sx: 30 sx of H-plug in rat hole, 20 H-plug down Hole and 200 sx of H long downhole. Hurricane #WP3286. PD @ 2:45pm 8/27/22.

DST #1 LKC F ZONE
 4004' - 4021'
 30"-30"-30"-30"

IF: Surface blow
 ISI: No return
 FF: No blow
 FSI: No return

Rec'd: 260' Oil spotted mud

SIP: 857-860#
 FP: 148-150#, 207-860#
 HP: 1933-1850#

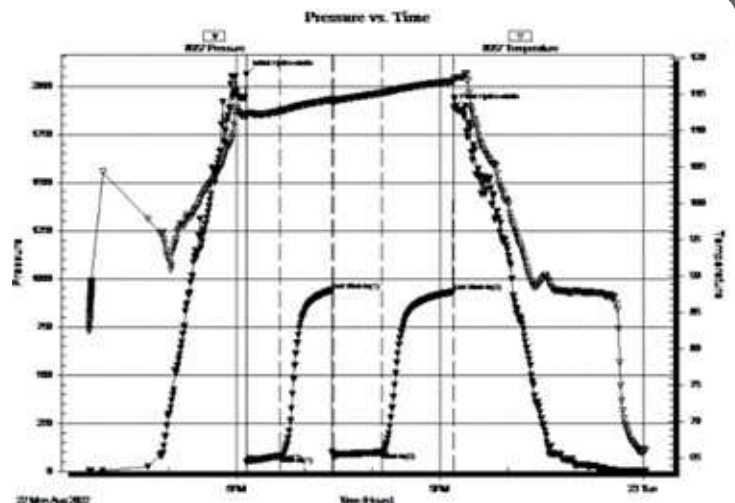


DST #2 LKC H & I ZONES
 4074' - 4142'
 30"-45"-45"-60"

IF: Built to 6"
 ISI: No return
 FF: Built to 9"
 FSI: No return

Rec'd: 180' GIP, 150' HOCM (40% O, 60% M)

SIP: 940-931#
 FP: 50-80#, 72-90#
 HP: 2060-1884#



DST #3 LKC J ZONE

4142' - 4170'

15"-30"-15"-30"

IF: Surface blow

ISI: No return

FF: No blow

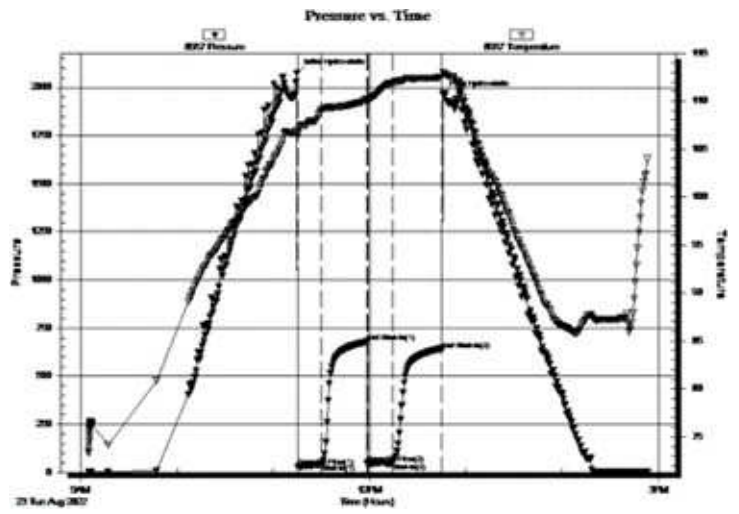
FSI: No return

Rec'd: 10' M

SIP: 679-636#

FP: 31-46#, 46-49#

HP: 2076-1964#



DST #4 LKC K & L ZONES

4170' - 4229'

15"-30"-15"- Pulled tool

IF: Weak surface blow

ISI: No return

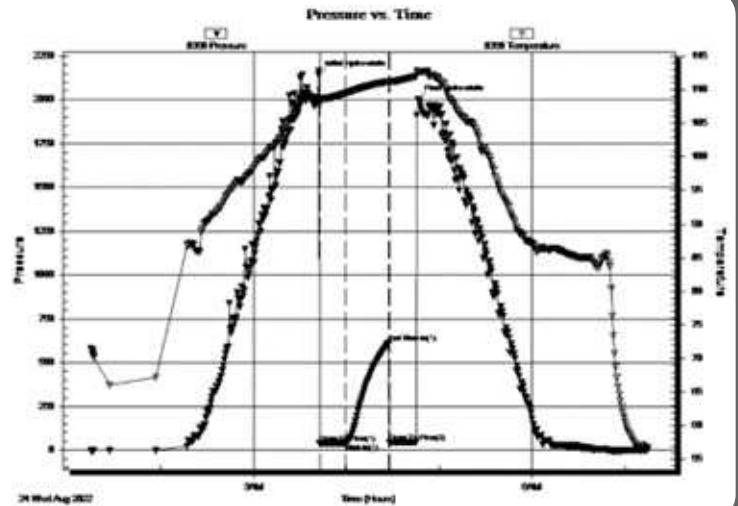
FF: No blow - Pulled tool

Rec'd: 5' Mud

SIP: 614#

FP: 38-82#, 45#

HP: 2142-2001#



DST #5 MISS

4476' - 4548'

30"-60"-60"-90"

IF: 1" Blow

ISI: No return

FF: 1" Blow

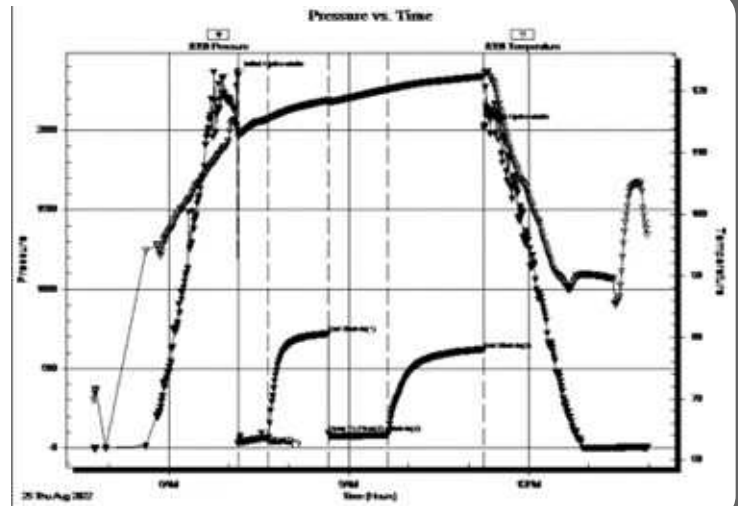
FSI: No return

Rec'd: 2' CO (100% O), 70' M (100% M), 60' WM (20% W, 80% M)

SIP: 719-618#

FP: 27-64#, 94-90#

HP: 2343-2013#



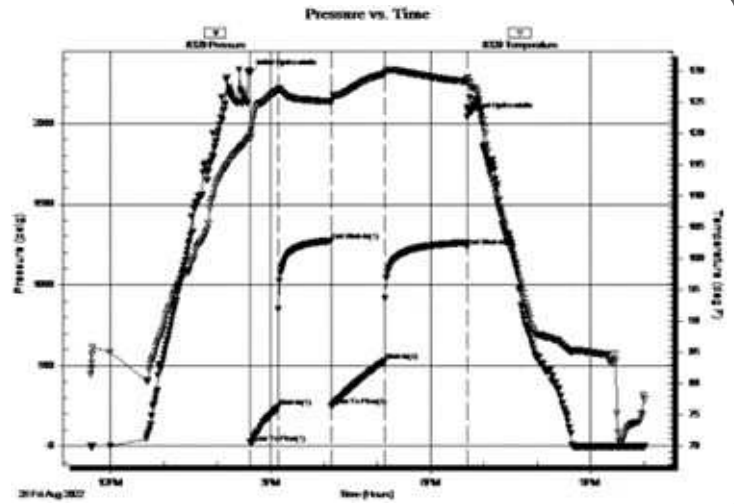
DST #6 MISS
 Straddle Test (Packer Failure)
 4541' - 4556'
 30"-60"-60"-90"

IF: BOB in 20 min, 20" total
 IS: No return
 FF: BOB in 20 min
 FS: No return

BOTTOM PACKER FAILURE

Rec'd: 710' W (100% W, 80), 120' WCM (20% M, 80% W), 240' HWCM (50% M, 50% W)

SIP: 1273-1237
 FP: 22-241#, 248-529#
 HP: 2311-2039#



ROCK TYPES

| | | | | | | | |
|--|-------|--|-------|--|---------|--|----------|
| | Anhy | | Gyp | | Shgy | | Sandylms |
| | Bent | | Igne | | Sltst | | Shale |
| | Brec | | Lmst | | Ss | | Sltstn |
| | Cht | | Meta | | Till | | Shlyslts |
| | Clyst | | Mrlst | | Carb sh | | Sltysht |
| | Coal | | Salt | | Dol | | Lms |
| | Congl | | Shale | | Dtd | | |
| | Dol | | Shcol | | Gry sh | | |

ACCESSORIES

| | | | | | |
|---------------|----------------|-----------------|----------|----------------|----------|
| FOSSIL | MINERAL | | Salt | | Dol |
| | | | Sandy | | Grysh |
| | | | Silt | | Gryslt |
| | | | Sil | | Lms |
| | | | Sulphur | | Sandylms |
| | | | Tuff | | Sh |
| | | | Chlorite | | Sltstn |
| | | | Dol | | |
| | | | Sand | TEXTURE | |
| | | | Silty | | Boundst |
| | | | | | Chalky |
| | | STRINGER | | | Cryxln |
| | | | Anhy | | Earthy |
| | | | Arg | | Finexln |
| | | | Bent | | Grainst |
| | | | Coal | | Lithogr |
| | | | Dol | | Microxln |
| | | | Gyp | | Mudst |
| | | | Ls | | Packst |
| | | | Mrst | | Wackest |
| | | | Sltstrg | | |
| | | | Ssstrg | | |
| | | | Carbsh | | |
| | | | Clystn | | |

OTHER SYMBOLS

POROSITY TYPE

- E Earthy
- Fenest
- F Fracture
- X Inter
- / Moldic
- O Organic
- P Pinpoint
- V Vuggy

SORTING

- W Well
- M Moderate
- P Poor

ROUNDING

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

OIL SHOWS

- Even
- ◉ Spotted
- ◌ Ques
- ◻ Dead
- ⊠ Gas show

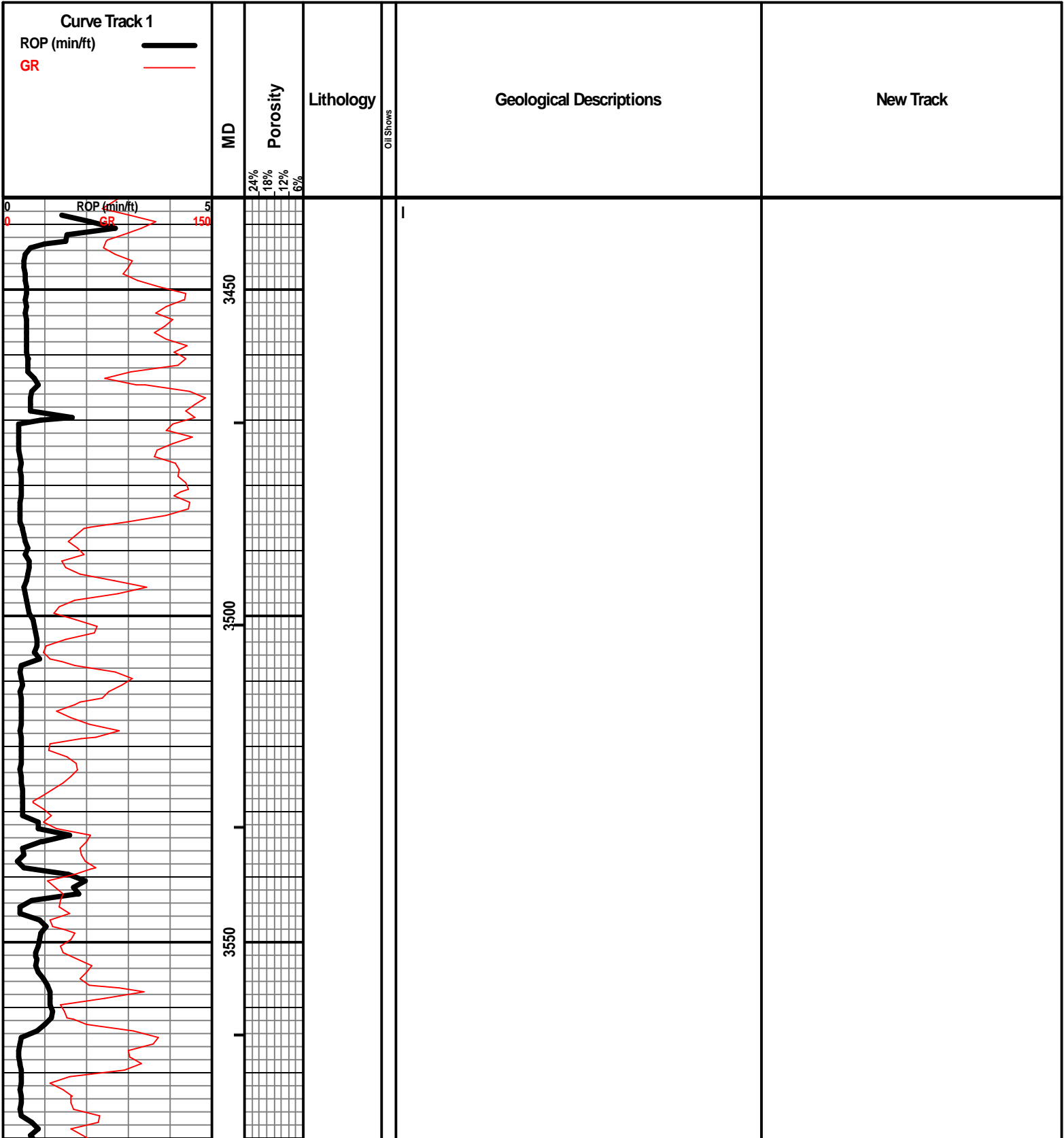
INTERVALS

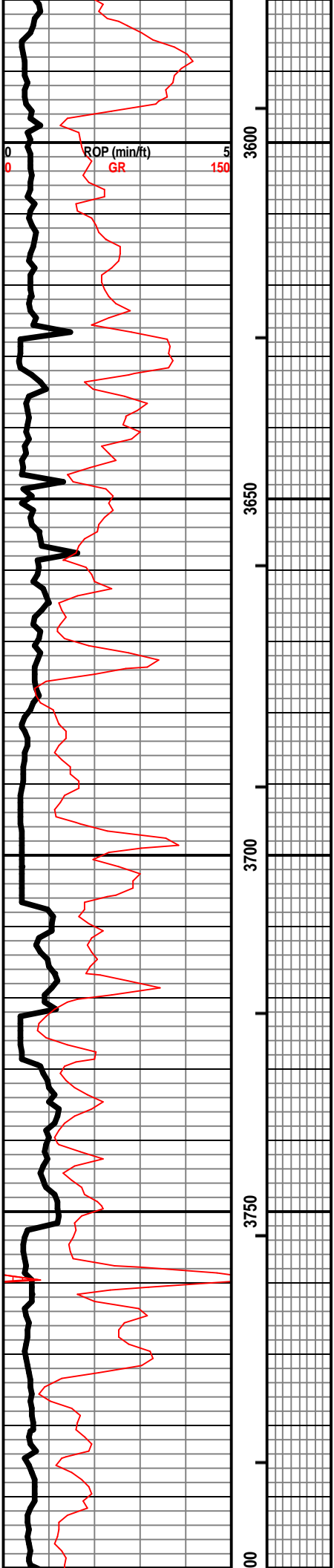
- Core
- ◻ Dst

- Dst

EVENTS

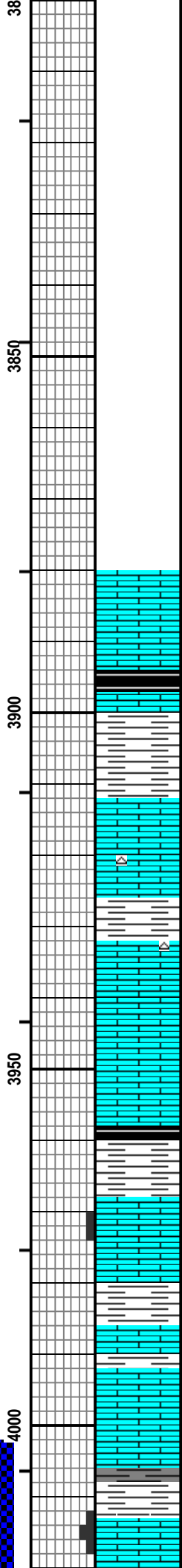
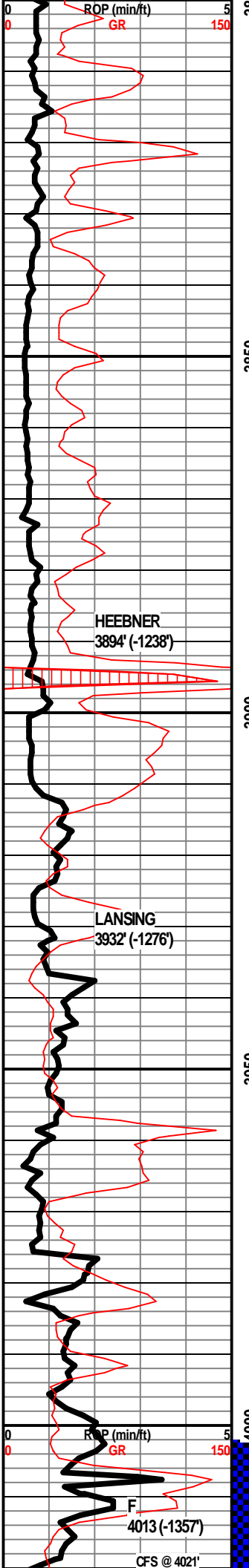
- ▽ Rft
- ▲ Sidewall
- ▬ Conn





WT 8.9
VIS 49
LCM 2#

WT 8.8
VIS 47
LCM 2#



SH - BLK, CARB, W/LS - CRM/TAN, F XLN, MOD DNS/DNS,
W/FEW PIECES OF SH - TURG/RD

LS - CRM, VF XLN, MOD DNS/SUBCHKY, W/SH - GY/GRN/
TURQ/RD-ORNG

LS - CRM/TAN, F XLN, MOD DNS, W/LS - GY, F/M XLN, DNS,
PYRITIC IN PT, W/SH - GRN/GY, W/SCAT FEW PIECES OF
CHT - GY, OPAQ, FRSH

SH - BLK, CARB, W/SH - GY, W/LS - CRM/TAN/GY, F XLN,
MOD DNS/DNS, FOSS IN PT

LS - CRM, VF/F XLN, MOD DNS/SUBCHKY, VP INTERXLN
POR IN PT, VSSFO IN ONE PIECE, W/LS - TAN, F/M XLN, DNS,
FOSS

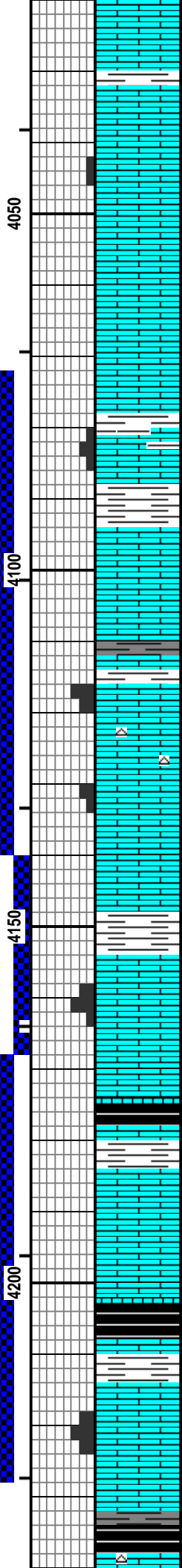
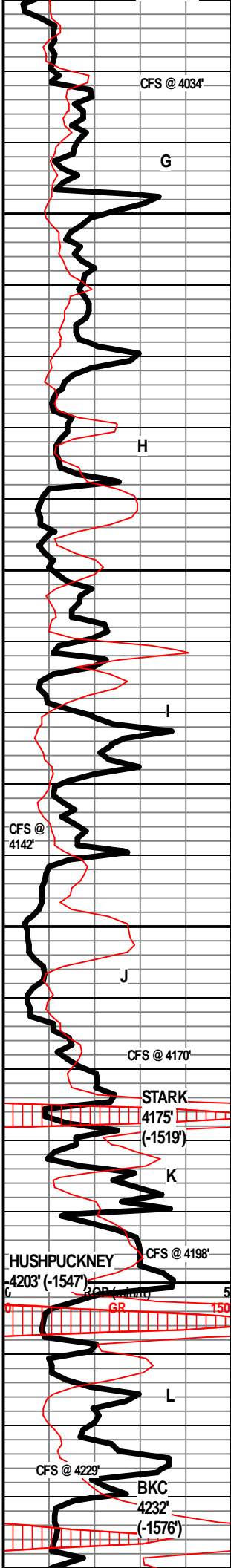
SH - BLK, W/LS - CRM/TAN, F/M XLN, VF XLN IN PT, PRED
MOD DNS/DNS, FOSS, SUBCHKY IN PT, W/SH - GRN/MAR

LS - CRM/TAN, F XLN, MOD DNS/DNS, P/F INTERXLN POR
IN PT, SAT STN, NSFO, SLI/F CUP ODOR, SLI SHO OF GAS
BUB. DRIFT - GRN FLUID IN CUP/ROCK

DST #1 LKC F ZONE
4004' - 4021'
30"-30"-30"-30"

IF: Surface blow
ISI: No return
FF: No blow
FSI: No return

Rec'd: 260' Oil spotted mud



BUB, BRI YEL-GRN FLUOR IN SHO ROCKS

LS - CRM, VF / F XLN, MOD DNS / SUBCHKY, FOSS IN PT, NO VIS POR, NS

LS - CRM / TAN, F XLN, MOD DSN / DNS, FOSS IN PT, OOLITIC IN FEW PIECS, P INTERXLN POR IN FEW PIECS, NS, NO ODOR, STYLOLITIZED IN PT

LS - CRM / TAN, F XLN, MOD DNS, FOSS, STYLOLITIZED IN PT

LS - TAN / CRM, LT GY IN PT, F XLN, MOD DNS / DNS, FOSS, W / LS - CRM, VF XLN, SUBCHKY

LS - CRM / TAN, F XLN, F INTERXLN POR IN PT, FSFO, SLI CUP ODOR, F ODOR WHEN BRKN, BRI YEL-GRN FLUOR

LS - TAN / CRM, F / VF XLN, PRED MOD DNS, SUBCHKY IN PT

LS - CRM / TAN, F / M XLN, MOD DNS / DNS, FOSS IN PT, W / SH - GY / MAR / GRN

LS - CRM / TAN, F XLN, ABUND FOSS, F / G INTERXLN & INTERPART POR, FSFO, F CUP ODOR, BRI YEL-GRN FLUOR

LS - TAN / CRM, F XLN, DNS / MOD DNS, FOSS IN PT, W / CHT - BRN / TAN / LT GY, OPAQ, FRSH, FOSS IN PT, PYRITIC IN PT

LS - TAN / CRM, F / VF XLN, MOD DNS / SUBCHKY

LS - CRM / TAN, F XLN, ABUND FOSS, OOLITIC IN PT, P / F INTERXLN & INTERPART POR, SSFO, SLI CUP DOOR, BRI YEL-GRN FLUOR IN SHO ROCKS

SH - GY / GRN / RD-ORNG, W / LS - CRM / TAN, F XLN, MOD DNS / DNS

LS - CRM / TAN / GY, F XLN, ABUND FOSS, OOLITIC IN PT, P / F / G INTERXLN & INTERPART POR, OOLMOLDIC POR IN PT, ABUND OF VUGS, FSFO, F CUP ODOR, SHO OF GAS BUB IN PT, V BRI YEL-GRN FLUOR IN SHO ROCKS

SH - BLK, CARB, F SHO OF GAS BUB, W / LS - GY / TAN, F XLN, MOD DNS / DNS, FOSS, V BRITTLE IN PT

LS - CRM / TAN, F XLN, MOD DNS / SUBCHKY, NO VIS POR, NS, NO ODOR

SH - BLK, CARB, SLI SHO OF GAS BUB

SH - LT GRN, LMY, V DNS, PYRITIC IN PT

LS - CRM / LT BRN IN PT, P INTERXLN POR, SLI SHO OF GAS BUB, FSFO, SLI CUP ODOR, BRI YEL-GRN FLUOR, PRED SUBCHKY

SH - BLK, CARB

SIP: 857-860#
 FP: 148-150#, 207-860#
 HP: 1933-1850#

DST #2 LKC H & I ZONES
 4074' - 4142'
 30"-45"-45"-60"

IF: Built to 6"
 ISI: No return
 FF: Built to 9"
 FSI: No return

Rec'd: 180' GIP, 150' HOCM (40% O, 60% M)

SIP: 940-931#
 FP: 50-80#, 72-90#
 HP: 2060-1884#

DST #3 LKC J ZONE
 4142' - 4170'
 15"-30"-15"-30"

IF: Surface blow
 ISI: No return
 FF: No blow
 FSI: No return

Rec'd: 10' M

SIP: 679-636#
 FP: 31-46#, 46-49#
 HP: 2076-1964#

DST #4 LKC K & L ZONES
 4170' - 4229'
 15"-30"-15"- Pulled tool

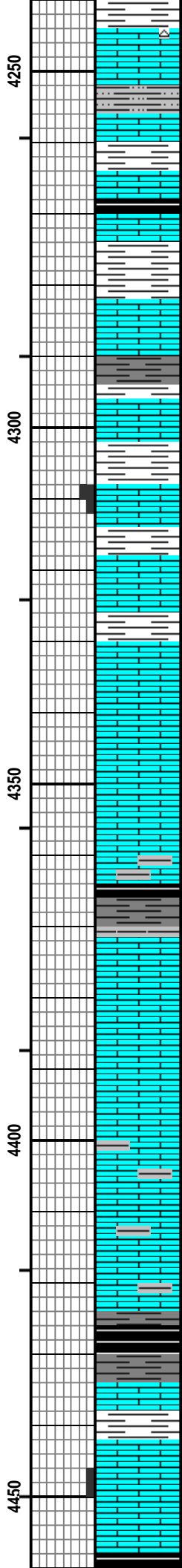
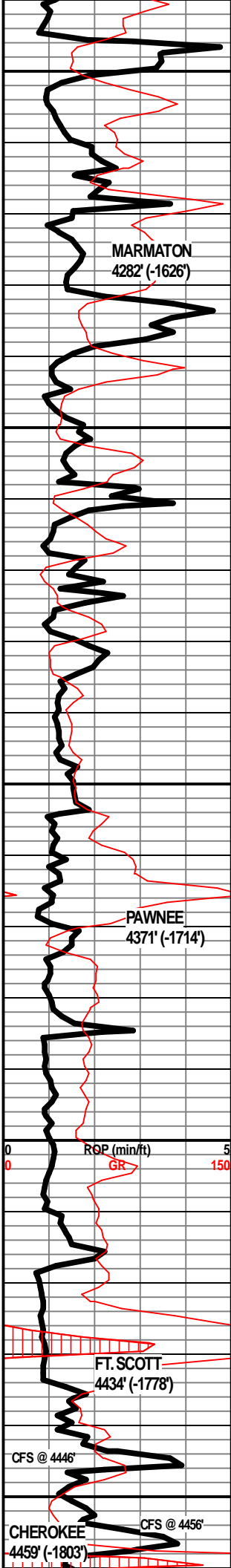
IF: Weak surface blow
 ISI: No return
 FF: No blow - Pulled tool

Rec'd: 5' Mud

SIP: 614#
 FP: 38-82#, 45#
 HP: 2142-2001#

WT 9.1
 VIS 55
 LCM 2#

WT 9.1+
 VIS 53
 LCM 2#



SH - BLK/GY/MAR/RD-ORNG, W/LS - TAN/GY, F/M XLN,
MOD DSN/DNS, FOSS IN PT, FEW PIECES OF SCAT CHT - GY,
OPAQ, FRSH, FOSS

SH - PRED MAR, GRN IN PT, PRED SLTY, W/LS - CRM/
OFF-WHT, F /VF XLN, MOD DNS

SH - BLK, CARB, W/SH - MAR/GY/GRN, W/LS - CRM/GY, F
XLN, MOD DNS

SH - MAR/GRN/GY/PURP, W/LS - GY/CRM/TAN, F XLN,
MOD DNS

SH - GRN/DK GY/PURP/MAR/RD-ORNG, W/LS - CRM/TAN
/GY, F XLN, MOD DNS

SH - LT GRN/DK GRN/MAR, W/LS - CRM/LT GY/PURP/
MAR, F XLN, MOD DNS, ARG IN PT

LS - TAN /GY, F /M XLN, FOSS, ABUND BRYOZOAN FOSS?, P/
F INTERXLN POR, FSFO, SLI ODOR, DULL - GRN FLUOR IN
SHO ROCKS, W/SH - GRN/DK GRN /GY

LS - CRM/TAN, F XLN, MOD DNS, W/SH - GRN/MAR/PURP/
GY

SH - GY/GRN/MAR/PURP, W/LS - LT GY/TAN, F XLN, MOD
DNS/DNS

LS - TAN, F /M XLN, DNS

LS - TAN /GY, F /M XLN, MOD DNS/DNS

LS - LT GY /GY/TAN, F /M XLN, MOD DNS/DNS

LS - CRM/TAN/LT GY, VF /F XLN, MOD DNS

SH - BLK, CARB

LS - LT GY/TAN, F /M XLN, MOD DNS/DNS

LS - TAN/LT GY, F /M XLN, MOD DNS/DNS

LS - DK GY, F XLN, SLI ARG, V HOMOGENEOUS

LS - DK GY/GY, F XLN, SLIARG, V HOMOGENEOUS

SH - BLK, CARB, PYRITIC IN PT

LS - LT BRN/TAN/GY, F XLN, DNS/MOD DNS, FOSS IN PT, W/
SH - GY

LS - TAN/CRM, F /M XLN, PRED DNS, FOSS IN PT, P
INTERXLN POR IN FEW PIECES, VSSFO, SLI CUP ODOR, BRI
YEL-GRN FLUOR, SOME ROCKS WITH MINERAL FLUOR

WT 9.2
VIS 60
LCM 2#

WT 9.1
VIS 62
LCM 2#

WT 9.1
VIS 54
LCM 1#

MARMATON
4282' (-1626')

PAWNEE
4371' (-1714')

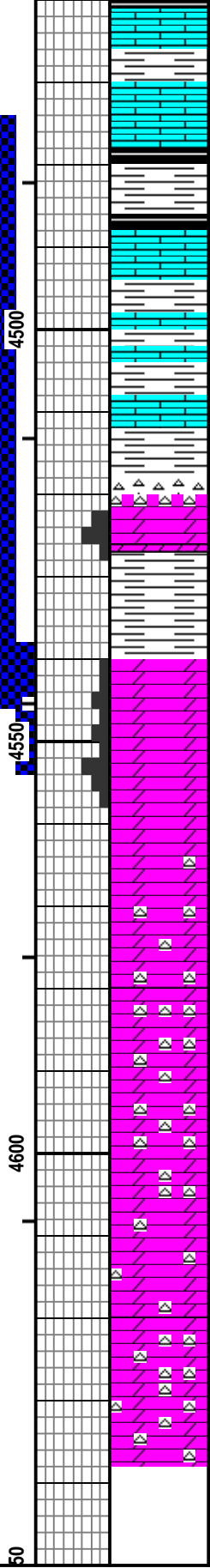
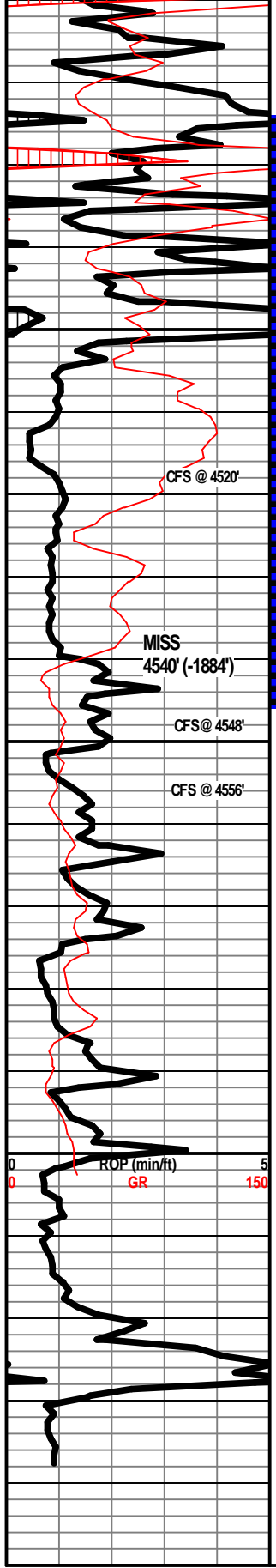
ROP (min/ft)
GR

FT. SCOTT
4434' (-1778')

CFS @ 4446'

CFS @ 4456'

CHEROKEE
4459' (-1803')



SH - BLK, CARB, W/LS - CRM/TAN/GY, F XLN, MOD DNS/DNS

SH - GY/GRN/MAR IN PT, W/LS - CRM/TAN, PRED F/VF XLN, PRED MOD DNS, SUBCHKY IN PT, DNS IN PT

SH - BLK, CARB, W/SH - GY/GRN, W/LS - PRED CRM/TAN IN PT, F/VF XLN, MOD DNS

SH - PRED GRN, W/SH - BLK, CARB, W/LS - CRM/TAN, F XLN, MOD DNS

LS - CRM, VF/F XLN, MOD DNS/SUBCHKY, W/SH - GY/GRN/MAR

SH - GRN/TURQ/YEL/MAR/RD-ORNG, SNDY IN FEW PIECES, W/LS - CRM, VF/F XLN, MOD DNS/SUBCHKY

SH - GRN/TURQ/MAR/YEL/RD-ORNG, W/LS - CRM/TAN, F XLN, MOD DNS

CHT - TAN/WHT, OPAQ, FRSH, FOSS, V DNS

DOLO - TAN/BRN, F XLN, ABUND FOSS, P/F/G INTERXLN POR, VUG POR IN PT, GSFO, BLEEDING OIL IN PT, F CUP ODOR, BRI YEL-GRN FLUOR

SH - GRN/TURQ/YEL/RD-ORNG

DOLO - TAN/BRN, F/M XLN, ABUND FOSS, PRED DNS, MOD DNS/SUBCHKY IN FEW PIECES, F/G INTERXLN & VUG POR IN PT, FSFO, F CUP ODOR, BRI YEL-GRN MINERAL FLUOR THROUGHOUT

DOLO - TAN/LT GY/WHT, VF/F XLN, MOD DNS/SUBCHKY/CHKY IN PT, PYRITIC IN PT

DOLO - LT GY/TAN, VF XLN, MOD DNS, PYRITIC IN PT, W/ SCAT CHT - LT GY/TAN, SLI TRANSLUCNT IN PT, FRSH, FOSS IN PT

DOLO - CRM/WHT, VF/F XLN, MOD DNS/SUBCHKY, W/ ABUND SCAT CHT - GY, SLI TRANSLUCNT, FRSH, FOSS IN PT, PYRITIC IN PT

DOLO - PRED TAN, F XLN, DNS/MOD DNS IN PT, FOSS, W/ SCAT CHT - LT GY, TRANSLUCNT, FRSH

DOLO - CRM, F XLN, MOD DNS/DNS, FOSS, W/ ABUND CHT - LT GY, TRANSLUCNT, FRSH

DST #5 MISS
4476' - 4548'
30"-60"-60"-90"

IF: 1" Blow
ISI: No return
FF: 1" Blow
FSI: No return

Rec'd: 2' CO (100% O), 70' M (100% M), 60' WM (20% W, 80% M)

SIP: 719-618#
FP: 27-64#, 94-90#
HP: 2343-2013#

DST #6 MISS
Straddle Test (Packer Failure)
4541' - 4556'
30"-60"-60"-90"

IF: BOB in 20 min, 20" total
ISI: No return
FF: BOB in 20 min
FSI: No return

BOTTOM PACKER FAILURE

Rec'd: 710' W (100% W, 80), 120' WCM (20% M, 80% W), 240' HWCM (50% M, 50% W)

SIP: 1273-1237
FP: 22-241#, 248-529#
HP: 2311-2039#

ENTIRE REPORT
SLID UP 2' TO
MATCH LOGS

RTD 4640'