



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 202 South Saint Francis
 P.O. Box 2757
 Wichita, KS 67202-4518
 ATTN: Ed Chesney/Chuck Sch

10/9S/19W Rooks, KS
Barc Unit #1
 Job Ticket: 63822 **DST#: 4**
 Test Start: 2018.10.04 @ 15:10:00

GENERAL INFORMATION:

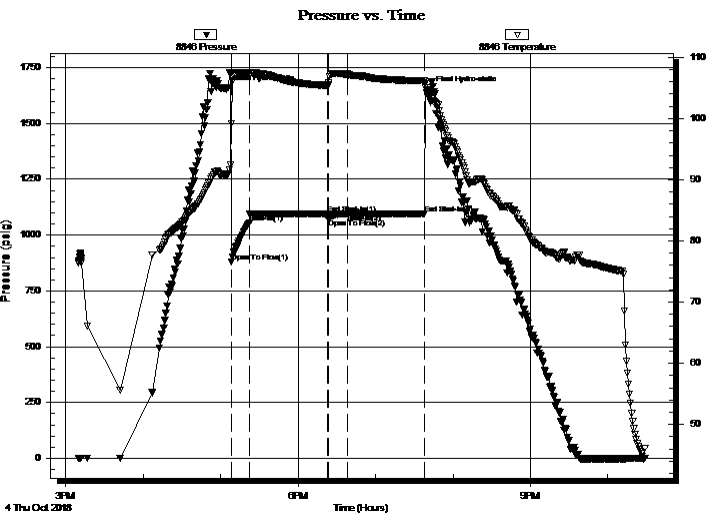
Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:08:30
 Time Test Ended: 22:28:30
 Interval: **3465.00 ft (KB) To 3477.00 ft (KB) (TVD)**
 Total Depth: 3477.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 80
 Reference Elevations: 2042.00 ft (KB)
 2037.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press@RunDepth: 1096.76 psig @ 3466.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.04 End Date: 2018.10.04 Last Calib.: 1899.12.30
 Start Time: 15:10:01 End Time: 22:28:30 Time On Btm: 2018.10.04 @ 17:04:20
 Time Off Btm: 2018.10.04 @ 19:41:30

TEST COMMENT: IF - Strong blow throughout initial flow period. Continued to build throughout opening.
 FF - Strong blow throughout final flow period. Built to 145 inches then leveled off.



PRESSURE SUMMARY

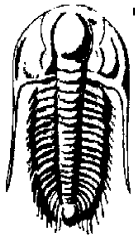
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1654.02 | 90.85 | Initial Hydro-static |
| 5 | 880.56 | 99.13 | Open To Flow (1) |
| 18 | 1054.36 | 107.51 | Shut-In(1) |
| 79 | 1096.59 | 105.41 | End Shut-In(1) |
| 79 | 1072.71 | 105.43 | Open To Flow (2) |
| 94 | 1096.76 | 107.24 | Shut-In(2) |
| 154 | 1096.39 | 106.13 | End Shut-In(2) |
| 158 | 1647.86 | 103.76 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------------------|--------------|
| 2030.00 | Oil specked w ater TR O & 100% W | 26.31 |
| 300.00 | O specked H M cut W TR O 58% W & 42% | 29.21 |
| | | |
| | | |
| | | |

Gas Rates

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



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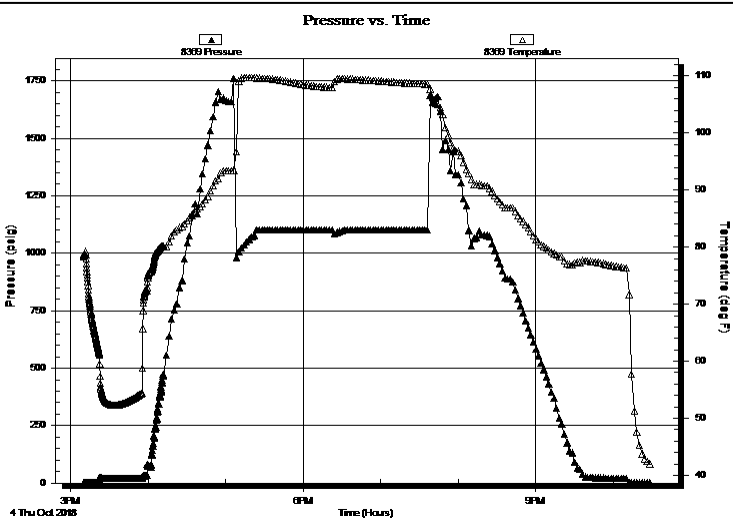
10/9S/19W Rooks, KS
Barc Unit #1
 Job Ticket: 63822 **DST#: 4**
 Test Start: 2018.10.04 @ 15:10:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 17:08:30 Tester: Jimmy Ricketts
 Time Test Ended: 22:28:30 Unit No: 80
Interval: 3465.00 ft (KB) To 3477.00 ft (KB) (TVD) Reference Elevations: 2042.00 ft (KB)
 Total Depth: 3477.00 ft (KB) (TVD) 2037.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8369 Outside
 Press@RunDepth: psig @ 3466.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.04 End Date: 2018.10.04 Last Calib.: 1899.12.30
 Start Time: 15:10:01 End Time: 22:28:50 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF - Strong blow throughout initial flow period. Continued to build throughout opening.
 FF - Strong blow throughout final flow period. Built to 145 inches then leveled off.



PRESSURE SUMMARY

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

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------------------|--------------|
| 2030.00 | Oil specked w ater TR O & 100% W | 26.31 |
| 300.00 | O specked H M cut W TR O 58% W & 42% | 24.21 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company
202 South Saint Francis
P.O. Box 2757
Wichita, KS 67202-4518
ATTN: Ed Chesney/Chuck Sch

10/9S/19W Rooks, KS
Barc Unit #1
Job Ticket: 63822 **DST#: 4**
Test Start: 2018.10.04 @ 15:10:00

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: | 70000 ppm |
| Viscosity: 58.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 5.80 in ³ | Gas Cushion Type: | | |
| Resistivity: ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 2100.00 ppm | | | |
| Filter Cake: inches | | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--|---------------|
| 2030.00 | Oil specked w ater TR O & 100% W | 26.307 |
| 300.00 | O specked H M cut W TR O 58% W & 42% M | 4.208 |

Total Length: 2330.00 ft Total Volume: 30.515 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

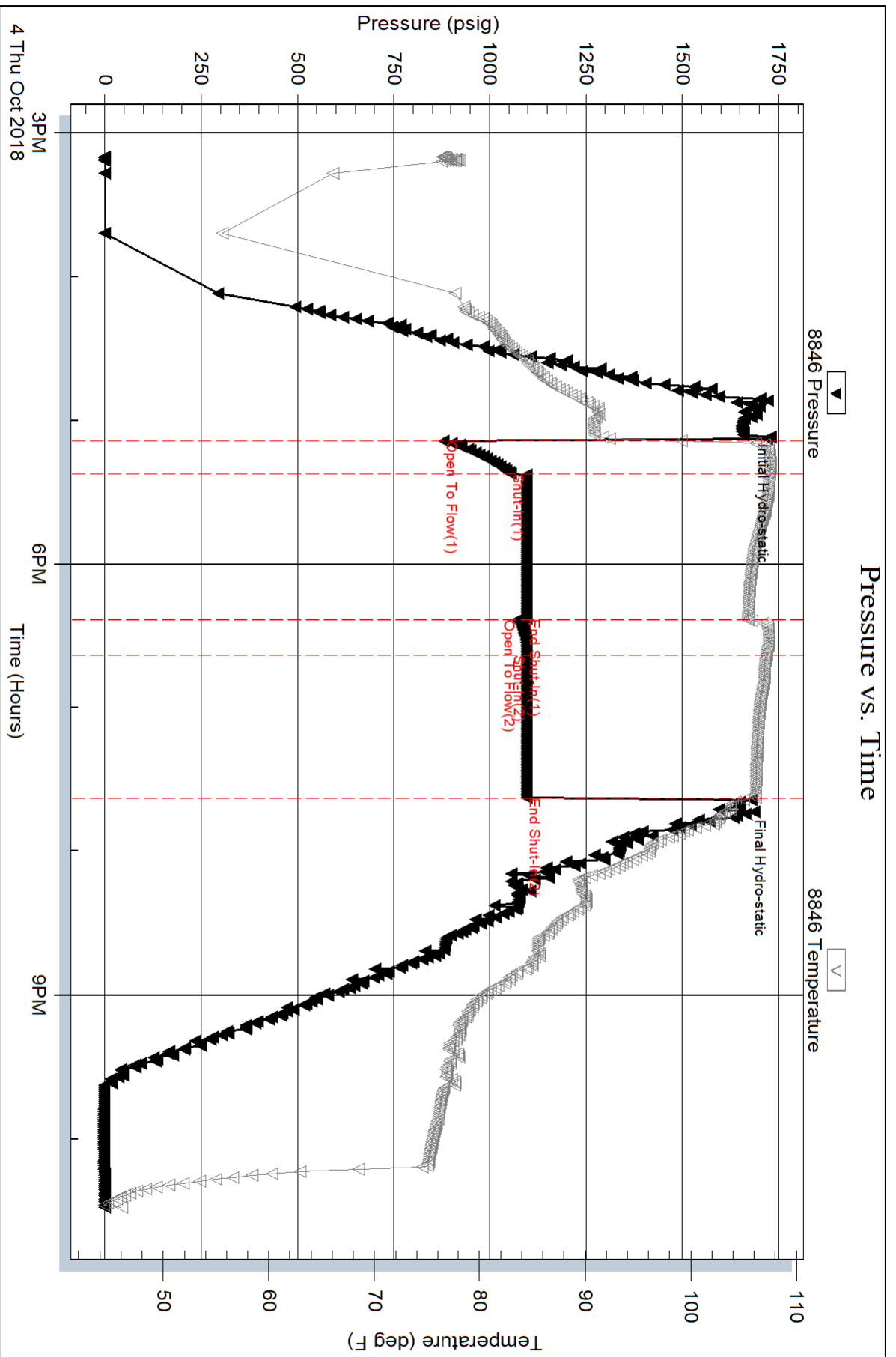
Serial #: 8846

Inside

Gore Oil Company

Barc Unit #1

DST Test Number: 4



Serial #: 8369

Outside Gore Oil Company

Barc Unit #1

DST Test Number: 4

