



**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

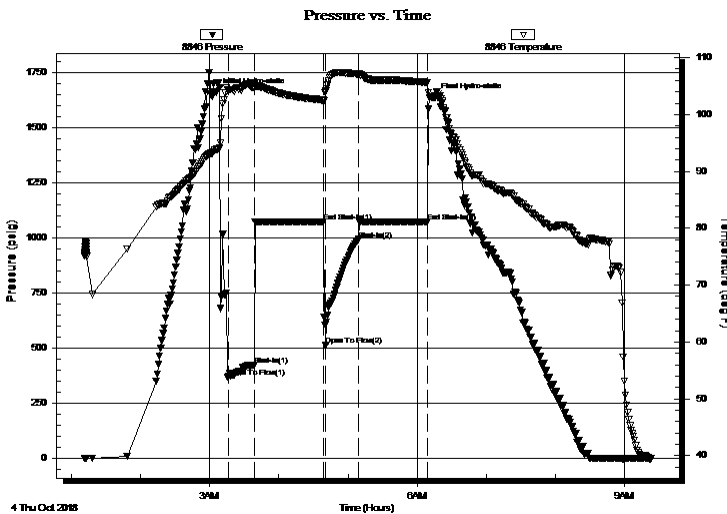
**10/9S/19W Rooks, KS**  
**Barc Unit #1**  
 Job Ticket: 63821 **DST#: 3**  
 Test Start: 2018.10.04 @ 01:11:00

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 03:15:50  
 Time Test Ended: 09:23:20  
 Interval: **3408.00 ft (KB) To 3465.00 ft (KB) (TVD)**  
 Total Depth: 3465.00 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: 991.40 psig @ 3409.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2018.10.04 End Date: 2018.10.04 Last Calib.: 2018.10.04  
 Start Time: 01:11:01 End Time: 09:23:20 Time On Btm: 2018.10.04 @ 03:05:30  
 Time Off Btm: 2018.10.04 @ 06:14:39

**TEST COMMENT:** IF - Strong blow throughout initial flow period. Slid 6 feet upon opening tool. Continued to build to 112 inches.  
 FF - Strong blow throughout final flow period. Climbed past 200 inches.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1655.32	93.82	Initial Hydro-static
11	365.74	104.13	Open To Flow (1)
34	422.64	104.77	Shut-In(1)
94	1071.19	102.54	End Shut-In(1)
96	512.16	104.26	Open To Flow (2)
124	991.40	107.08	Shut-In(2)
184	1071.38	105.63	End Shut-In(2)
190	1633.63	103.20	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
490.00	Slight O & M cut W 1%O 99%W & 1%M	5.25
310.00	M & heavy O cut W 44%O 49%W & 7%M	4.35
1250.00	G, O & M cut W 13%G 12%O 65%W & 10%M	17.53
155.00	Mud w ith trace oil TR O & 100% M	2.17

## Gas Rates

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





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**FLUID SUMMARY**

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## 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:	74000 ppm
Viscosity: 61.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2200.00 ppm			
Filter Cake: inches			

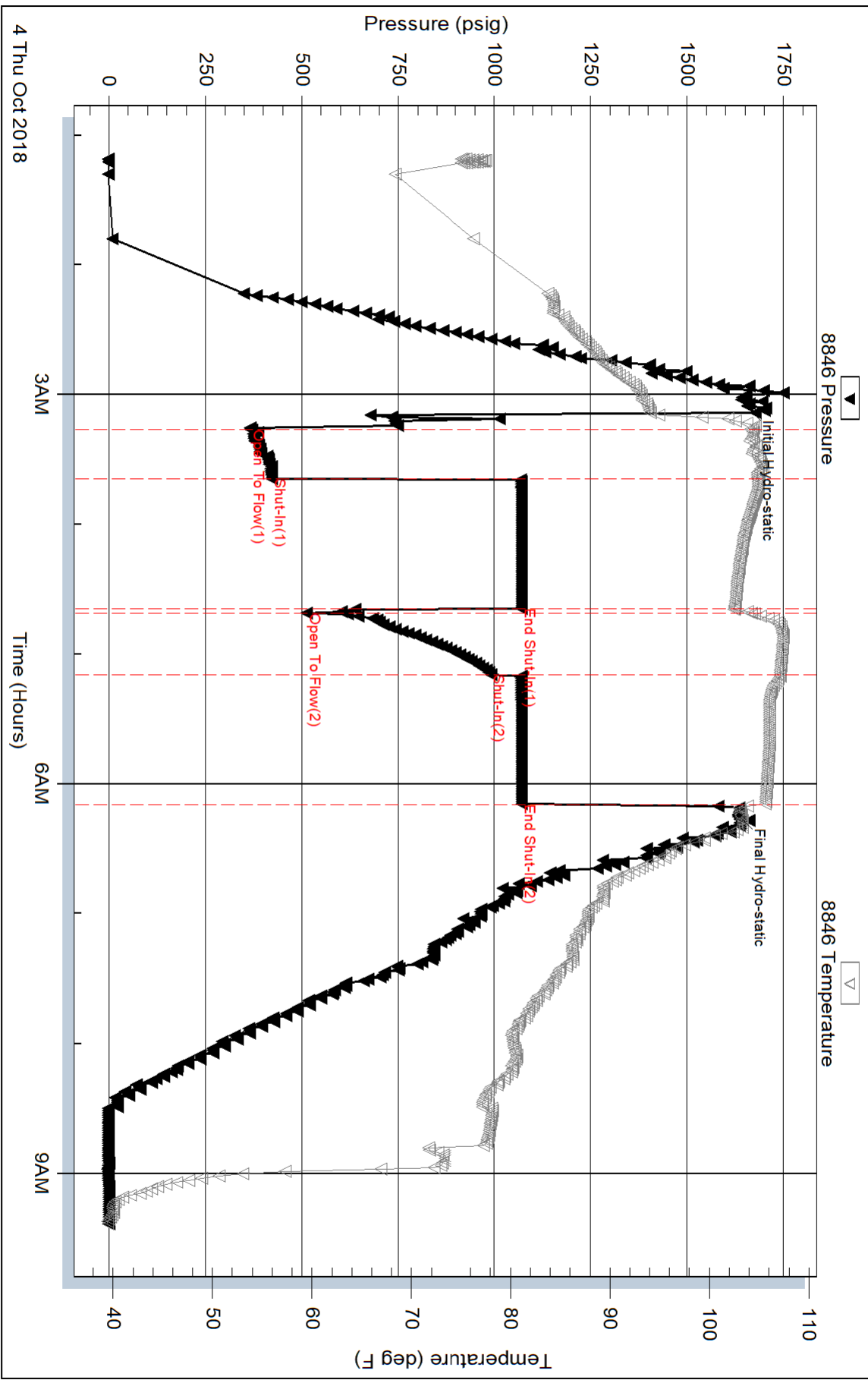
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
490.00	Slight O & M cut W 1%O 99%W & 1%M	5.252
310.00	M & heavy O cut W 44%O 49%W & 7%M	4.348
1250.00	G, O & M cut W 13%G 12%O 65%W & 10%M	17.534
155.00	Mud with trace oil TR O & 100% M	2.174

Total Length: 2205.00 ft      Total Volume: 29.308 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

### Pressure vs. Time

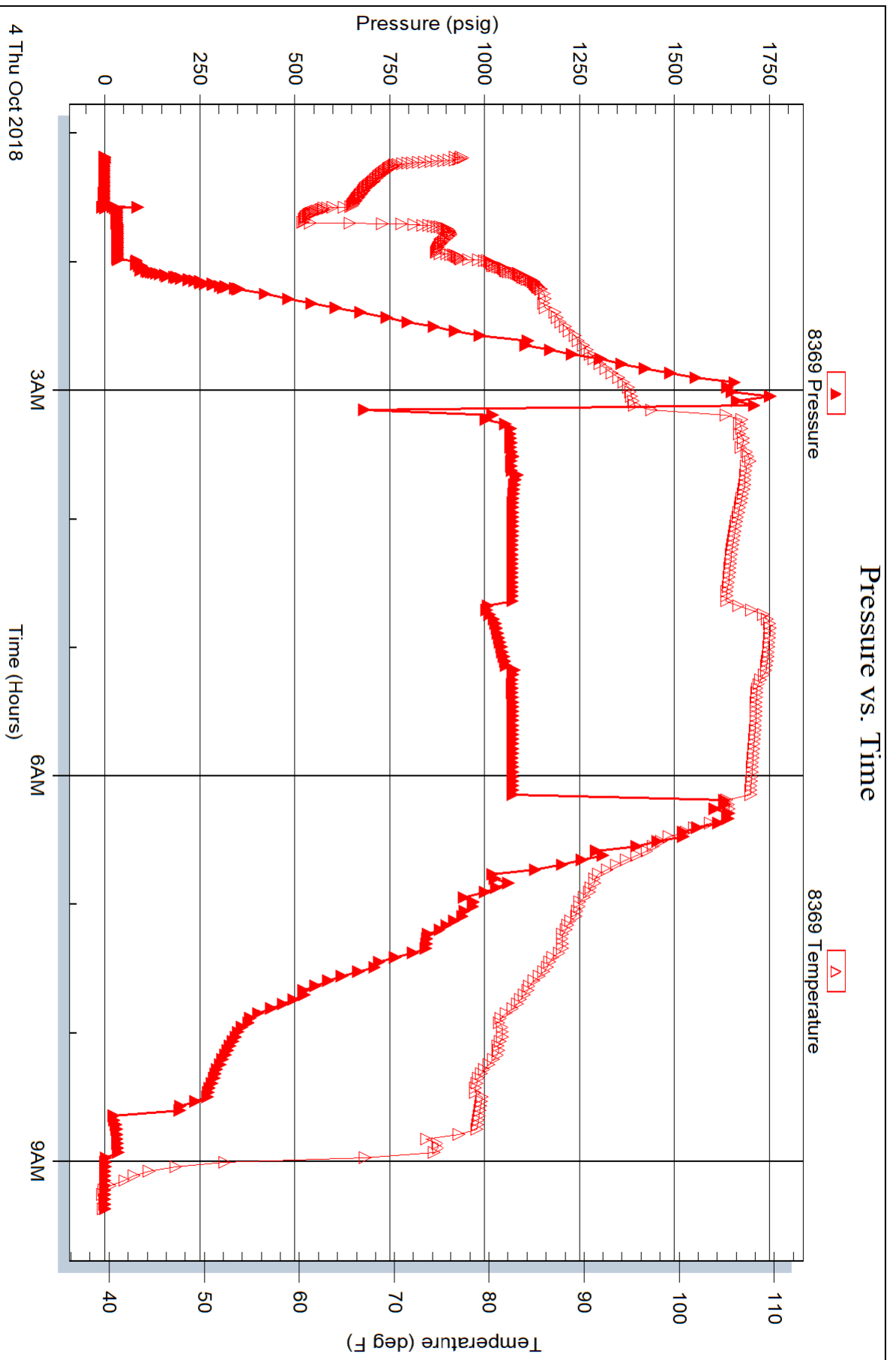


Serial #: 8369

Outside Gore Oil Company

Barc Unit #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 63821

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