



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

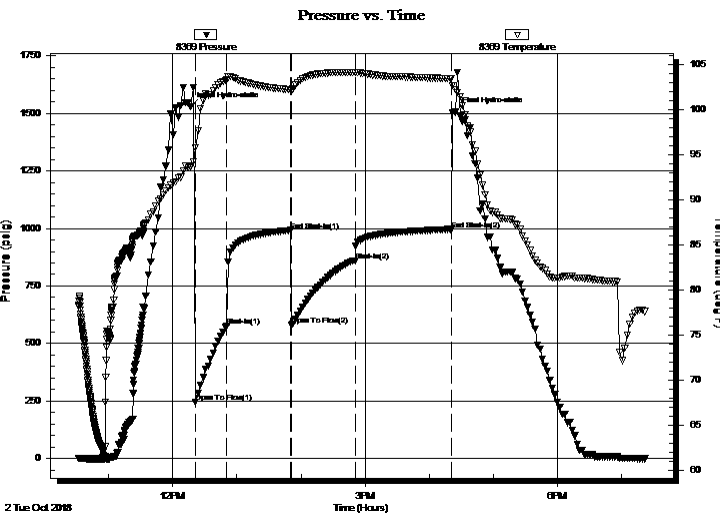
10/9S/19W Rooks, KS
Barc Unit #1
 Job Ticket: 63819 **DST#: 1**
 Test Start: 2018.10.02 @ 10:32:00

GENERAL INFORMATION:

Formation: **Toronto & Lansing A-**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:21:30
 Time Test Ended: 19:23:19
 Interval: **3160.00 ft (KB) To 3300.00 ft (KB) (TVD)**
 Total Depth: 3300.00 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 #: 8369 Outside
 Press@RunDepth: 860.08 psig @ 3161.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.10.02 End Date: 2018.10.02 Last Calib.: 1899.12.30
 Start Time: 10:32:01 End Time: 19:23:19 Time On Btm: 2018.10.02 @ 12:16:20
 Time Off Btm: 2018.10.02 @ 16:24:30

TEST COMMENT: IF - Weak blow building to strong blow 1 minute into initial flow period. Blow continuing to build to 177 inches during initial open period.
 FF - Weak blow building to strong blow 2 minutes into final flow period. Continued to build throughout FFP.
 FS - 3 inch blow back during final shut-in period.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1528.42	93.69	Initial Hydro-static
6	244.61	95.80	Open To Flow (1)
35	574.89	103.32	Shut-In(1)
95	991.04	102.24	End Shut-In(1)
95	578.77	102.09	Open To Flow (2)
155	860.08	104.13	Shut-In(2)
245	995.66	103.47	End Shut-In(2)
249	1505.74	102.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
975.00	G,O & M cut W 10% G 13% O 73% W &	412.06
860.00	G, O & HW cut M 13%G 13%O 33%W &	412.06
5.00	Clean Oil 100% O	0.07

Gas Rates

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



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Tester: Jimmy Ricketts

Unit No: 80

Interval: 3160.00 ft (KB) To 3300.00 ft (KB) (TVD)

Reference Elevations: 2042.00 ft (KB)

Total Depth: 3300.00 ft (KB) (TVD)

2037.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8846

Inside

Press@RunDepth: psig @ 3161.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.10.02

End Date: 2018.10.02

Last Calib.: 1899.12.30

Start Time: 10:32:01

End Time: 19:23:30

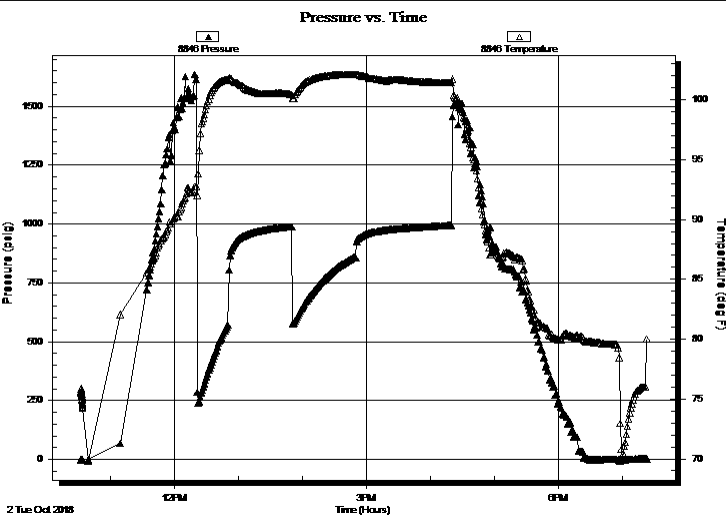
Time On Btm:

Time Off Btm:

TEST COMMENT: IF - Weak blow building to strong blow 1 minute into initial flow period. Blow continuing to build to 177 inches during initial open period.

FF - Weak blow building to strong blow 2 minutes into final flow period. Continued to build throughout FFP.

FS - 3 inch blow back during final shut-in period.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
975.00	G,O & M cut W 10% G 13% O 73% W &	412.06
860.00	G, O & HW cut M 13%G 13%O 33%W &	412.06
5.00	Clean Oil 100% O	0.07

Gas Rates

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



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FLUID SUMMARY

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202 South Saint Francis
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Wichita, KS 67202-4518
ATTN: Ed Chesney/Chuck Sch

10/9S/19W Rooks, KS
Barc Unit #1
Job Ticket: 63819 **DST#: 1**
Test Start: 2018.10.02 @ 10:32:00

Mud and Cushion Information

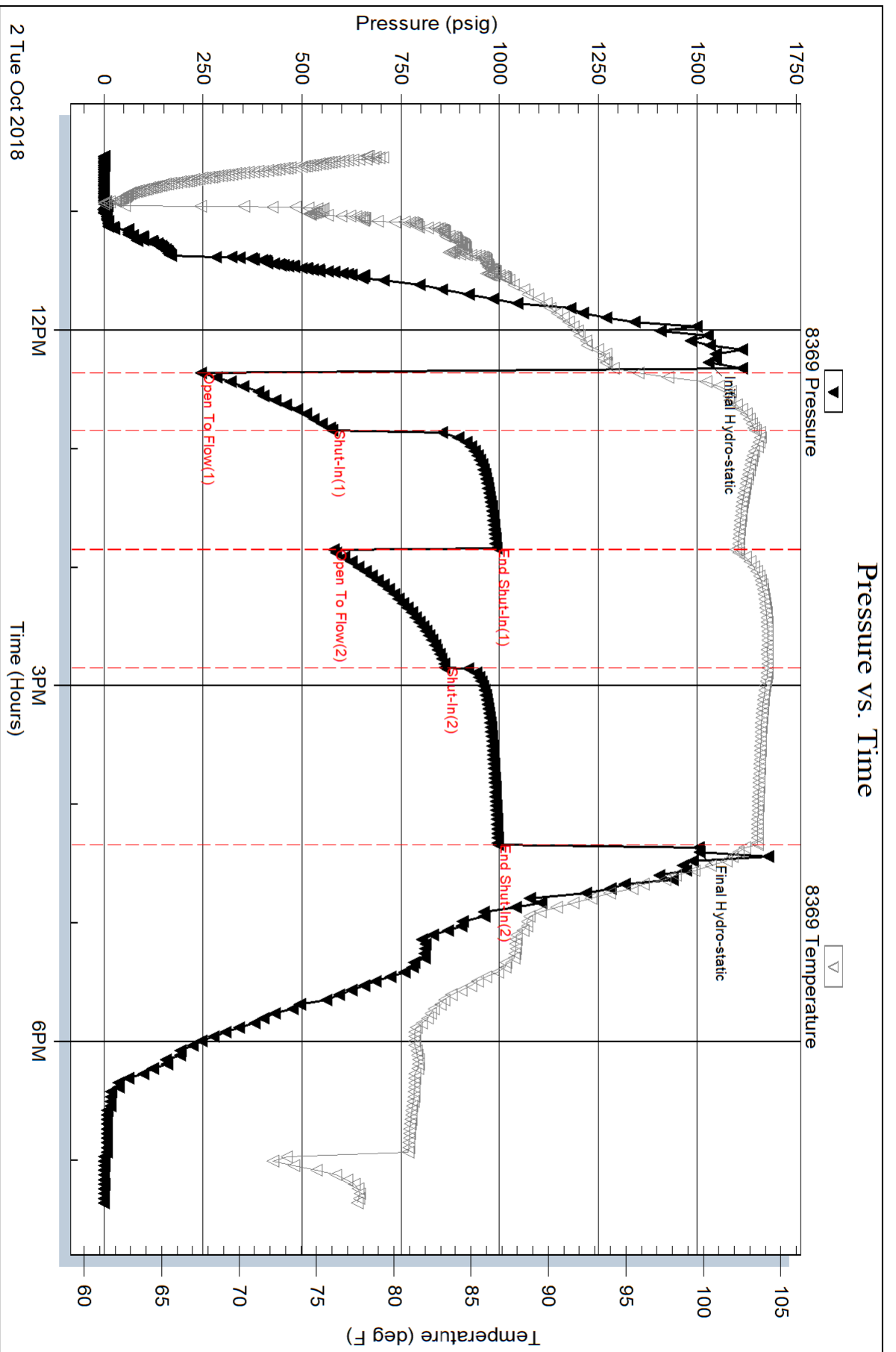
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	71000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.00 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
975.00	G, O & M cut W 10% G 13% O 73% W & 4% M	12.055
860.00	G, O & HW cut M 13% G 13% O 33% W & 41%	12.064
5.00	Clean Oil 100% O	0.070

Total Length: 1840.00 ft Total Volume: 24.189 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: 1

