



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Brito Oil Company Inc  
 1223 N.Wallace,BLDG.1  
 Suite 100  
 Wichita Ks 67206  
 ATTN: Raul Brito, Ken Wall

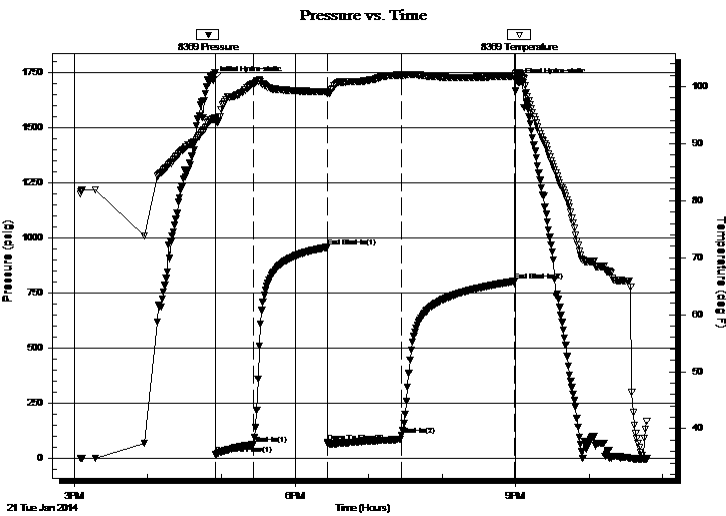
**32-6s-19w Rooks**  
**Dettmer-Wilkens#1-32**  
 Job Ticket: 56230 **DST#: 6**  
 Test Start: 2014.01.21 @ 15:05:05

## GENERAL INFORMATION:

Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:55:15  
 Time Test Ended: 22:47:29  
 Interval: **3526.00 ft (KB) To 3555.00 ft (KB) (TVD)**  
 Total Depth: 3555.00 ft (KB) (TVD)  
 Hole Diameter: 7.85 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Ray Schwager  
 Unit No: 70  
 Reference Elevations: 2048.00 ft (KB)  
 2043.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8369 Inside**  
 Press @ Run Depth: 104.79 psig @ 3532.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.01.21 End Date: 2014.01.21 Last Calib.: 2014.01.21  
 Start Time: 15:05:05 End Time: 22:47:29 Time On Btm: 2014.01.21 @ 16:53:15  
 Time Off Btm: 2014.01.21 @ 21:02:14

**TEST COMMENT:** 30-IFP-w k to a gd bl 1/2" to 6 1/2" bl  
 60-ISIP-surface bl bk  
 60-FFP-w k to a fr bl , surface to 5" bl  
 90-FSIP-no bl



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1713.61	94.29	Initial Hydro-static
2	18.77	93.97	Open To Flow (1)
33	66.17	100.47	Shut-In(1)
93	957.56	99.13	End Shut-In(1)
94	74.37	98.74	Open To Flow (2)
154	104.79	101.99	Shut-In(2)
246	802.76	101.85	End Shut-In(2)
249	1703.77	102.49	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	110'GIP	0.00
120.00	MGO 20%G30%M50%O	0.59
70.00	CO	0.98

## Gas Rates

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

\* Recovery from multiple tests



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**32-6s-19w Rooks**  
**Dettmer-Wilkens#1-32**  
Job Ticket: 56230 **DST#: 6**  
Test Start: 2014.01.21 @ 15:05:05

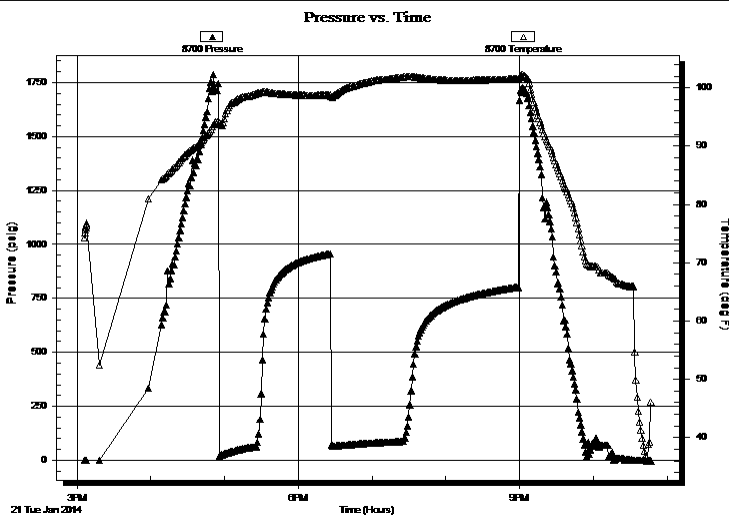
## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 16:55:15  
Time Test Ended: 22:47:29  
Interval: **3526.00 ft (KB) To 3555.00 ft (KB) (TVD)**  
Total Depth: 3555.00 ft (KB) (TVD)  
Hole Diameter: 7.85 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Ray Schwager  
Unit No: 70  
Reference Elevations: 2048.00 ft (KB)  
2043.00 ft (CF)  
KB to GR/CF: 5.00 ft

## Serial #: 8700 Outside

Press @RunDepth: psig @ 3532.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2014.01.21 End Date: 2014.01.21 Last Calib.: 2014.01.21  
Start Time: 15:06:01 End Time: 22:46:55 Time On Btm:  
Time Off Btm:

TEST COMMENT: 30-IFP-w k k to a gd bl 1/2"to 6 1/2"bl  
60-ISIP-surface bl bk  
60-FFP-w k to a fr bl , surface to 5"bl  
90-FSIP-no bl



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	110'GIP	0.00
120.00	MGO 20%G30%M50%O	0.59
70.00	CO	0.98

## Gas Rates

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

\* Recovery from multiple tests



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Company Inc  
1223 N.Wallace,BLDG.1  
Suite 100  
Wichita Ks 67206  
ATTN: Raul Brito, Ken Wall

**32-6s-19w Rooks**  
**Dettmer-Wilkens#1-32**  
Job Ticket: 56230      **DST#: 6**  
Test Start: 2014.01.21 @ 15:05:05

## Mud and Cushion Information

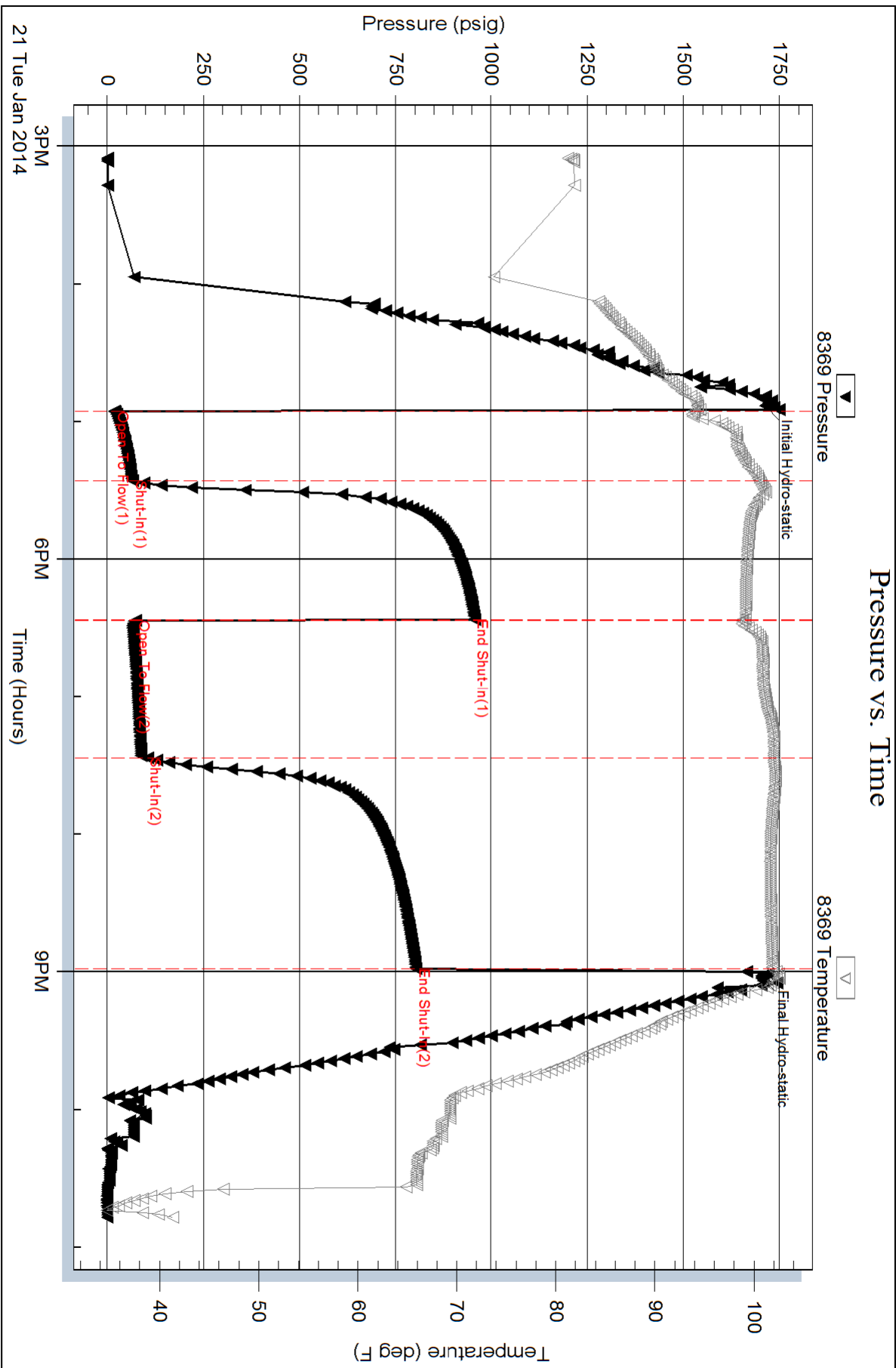
Mud Type: Gel Chem	Cushion Type:	Oil API: 20 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl	
Water Loss: 5.93 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1100.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	110'GIP	0.000
120.00	MGO 20%G30%M50%O	0.590
70.00	CO	0.982

Total Length: 190.00 ft      Total Volume: 1.572 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

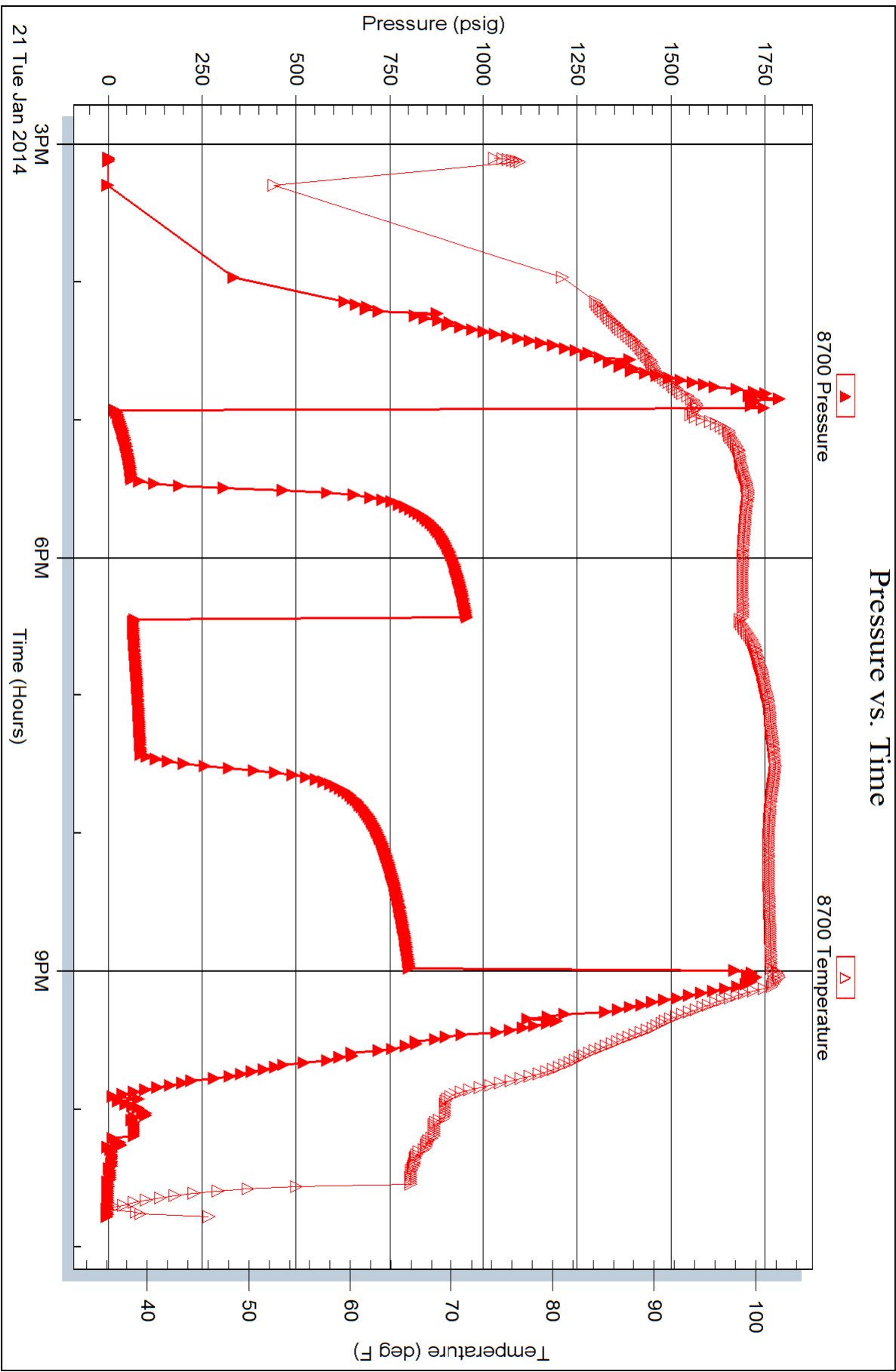


Serial #: 8700

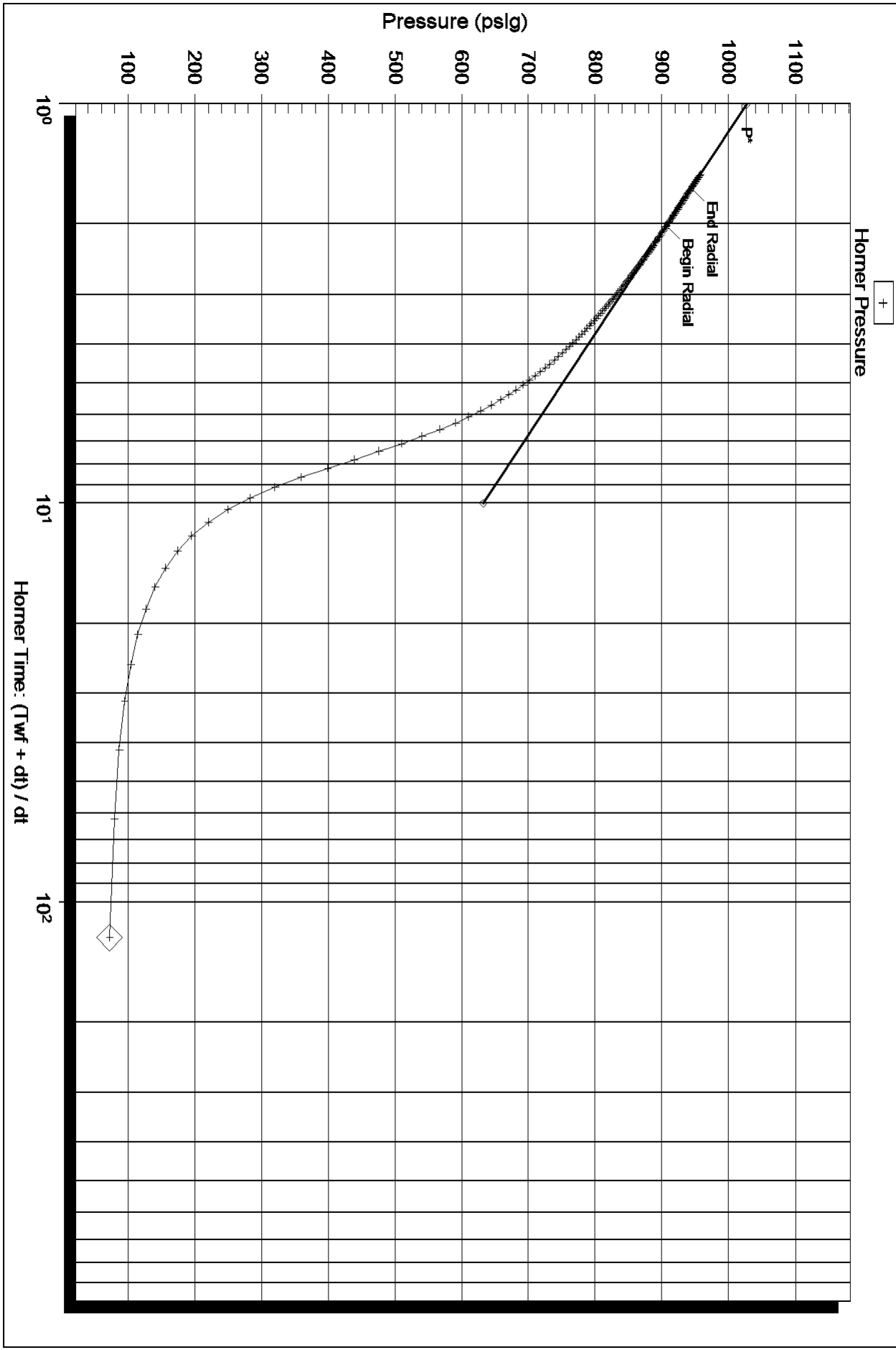
Outside Brito Oil Company Inc

Detmer-Wilkens#1-32

DST Test Number: 6



# Horner Plot



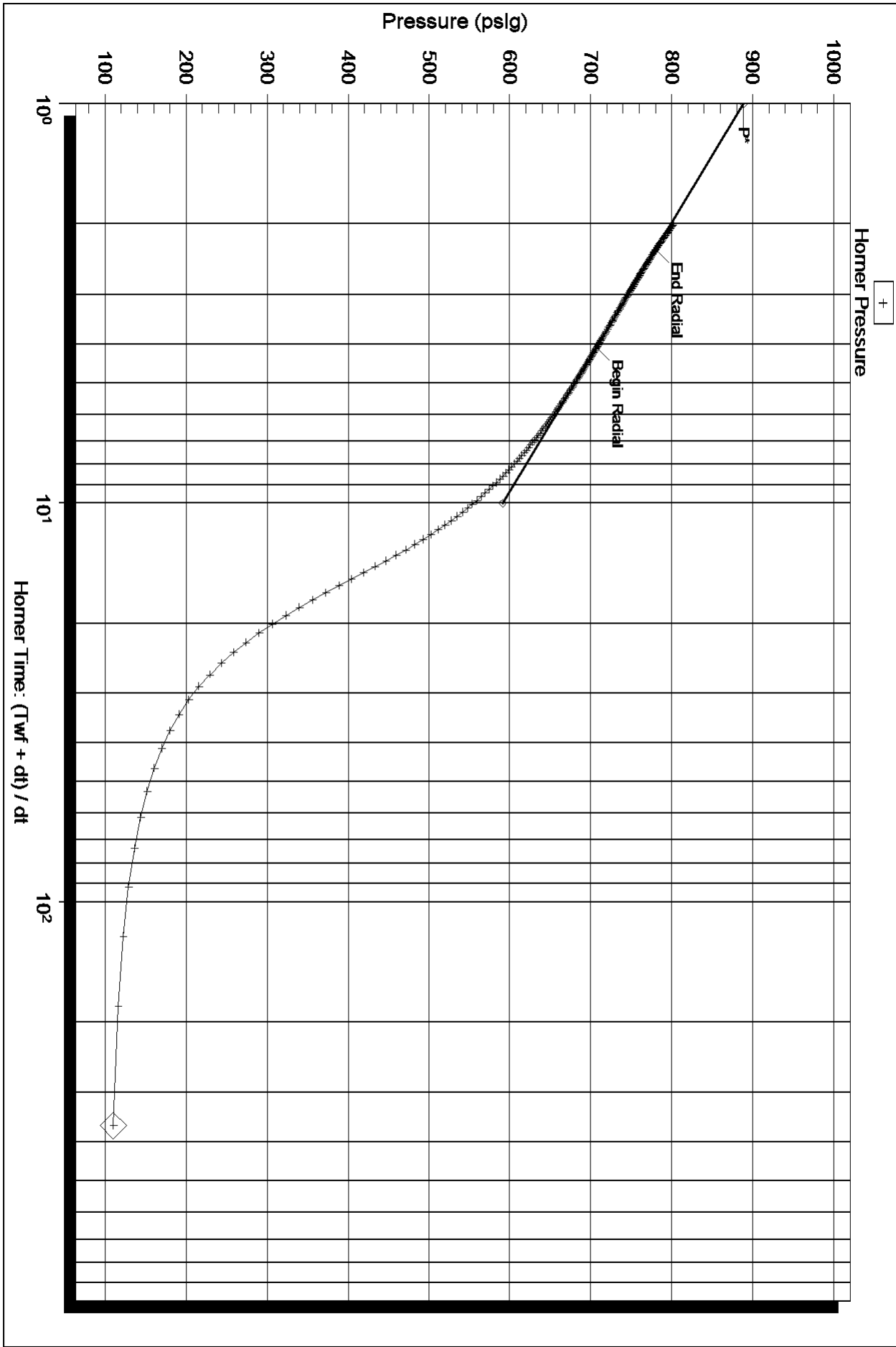
Serial Number: 8369 (Inside)

P\* : 1027.01

Slope (m) : 394.13 kpa/log cycle

Flow Cycle: 1

# Horner Plot



Serial Number: 8369 (Inside)

P\* : 888.61

Slope (m) : 297.29 kpa/log cycle

Flow Cycle: 2

Horner Time: (Twf + dt) / dt