



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Brito Oil Co Inc  
1223 N Rock Rd  
Bldg 1 Ste 100  
Wichita KS 67206  
ATTN: Brad Rine

**17 6s 35w Thomas KS**

**Carpenter Unit 1-17**

Job Ticket: 64054

**DST#: 3**

Test Start: 2017.02.03 @ 09:15:00

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:27:30

Time Test Ended: 18:18:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Jim Svaty

Unit No: 76

Interval: **4521.00 ft (KB) To 4570.00 ft (KB) (TVD)**

Reference Elevations: 3306.00 ft (KB)

Total Depth: 4570.00 ft (KB) (TVD)

3301.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8372 Outside**

Press@RunDepth: 304.90 psig @ 4534.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.02.03

End Date:

2017.02.03

Last Calib.:

2017.02.03

Start Time: 09:15:01

End Time:

18:18:00

Time On Btm:

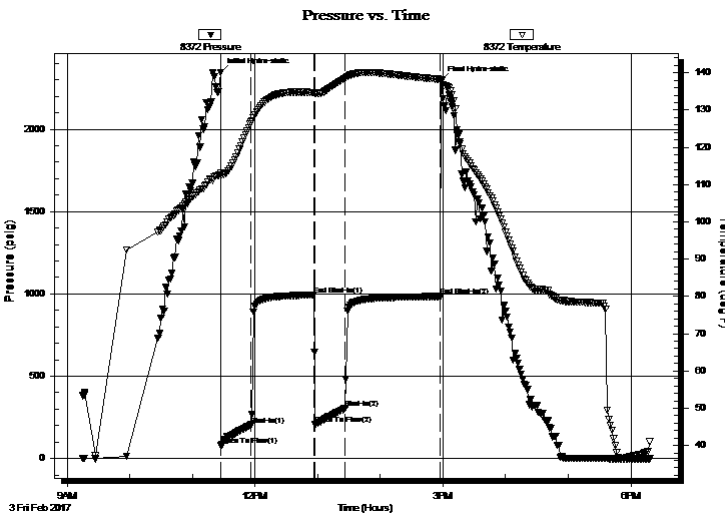
2017.02.03 @ 11:27:00

Time Off Btm:

2017.02.03 @ 14:58:30

TEST COMMENT: 30-IFP- BOB in 6min.  
60-ISIP- Surface Blow Building to 8in.  
30-FFP- BOB in 9min.  
90-FSIP- BOB in 21min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2345.68	113.07	Initial Hydro-static
1	81.61	112.60	Open To Flow (1)
30	204.29	126.86	Shut-In(1)
90	993.66	134.73	End Shut-In(1)
91	206.08	134.47	Open To Flow (2)
120	304.90	138.55	Shut-In(2)
211	984.60	138.25	End Shut-In(2)
212	2293.60	138.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
125.00	OMCW 5%o 5% m 90%w	0.61
125.00	OMCW 10%o 20% m 70%w	1.19
126.00	GWOCM 35%g 5%w 15%o 45% m	1.77
300.00	GCO 25%g 75%o	4.21
0.00	395 GIP	0.00

\* Recovery from multiple tests

## Gas Rates

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



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**DST#: 3**

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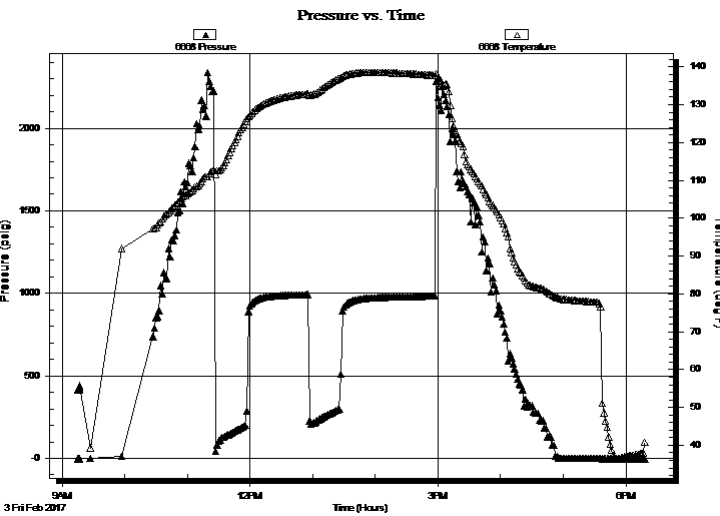
**GENERAL INFORMATION:**

Formation: <b>Pawnee</b>		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)		Tester: Jim Svaty
Time Tool Opened: 11:27:30		Unit No: 76
Time Test Ended: 18:18:00		
Interval: <b>4521.00 ft (KB) To 4570.00 ft (KB) (TVD)</b>		Reference Elevations: 3306.00 ft (KB)
Total Depth: 4570.00 ft (KB) (TVD)		3301.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 5.00 ft

**Serial #: 6668 Inside**

Press@RunDepth: psig @ 4534.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2017.02.03	End Date: 2017.02.03
Start Time: 09:15:01	End Time: 18:18:00
	Last Calib.: 2017.02.03
	Time On Btm:
	Time Off Btm:

**TEST COMMENT:** 30-IFP- BOB in 6min.  
60-ISIP- Surface Blow Building to 8in.  
30-FFP- BOB in 9min.  
90-FSIP- BOB in 21min.



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
125.00	OMCW 5%o 5%m 90%w	0.61
125.00	OMCW 10%o 20%m 70%w	1.19
126.00	GWOCM 35%g 5%w 15%o 45%m	1.77
300.00	GCO 25%g 75%o	4.21
0.00	395 GIP	0.00

\* Recovery from multiple tests

**Gas Rates**

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



**TRILOBITE  
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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Brito Oil Co Inc

**17 6s 35w Thomas KS**

1223 N Rock Rd  
Bldg 1 Ste 100  
Wichita KS 67206  
ATTN: Brad Rine

**Carpenter Unit 1-17**

Job Ticket: 64054

**DST#: 3**

Test Start: 2017.02.03 @ 09:15:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

26 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

62000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 3.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
125.00	OMCW 5%o 5%m 90%w	0.615
125.00	OMCW 10%o 20%m 70%w	1.189
126.00	GWOCM 35%g 5%w 15%o 45%m	1.767
300.00	GCO 25%g 75%o	4.208
0.00	395 GIP	0.000

Total Length: 676.00 ft

Total Volume: 7.779 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

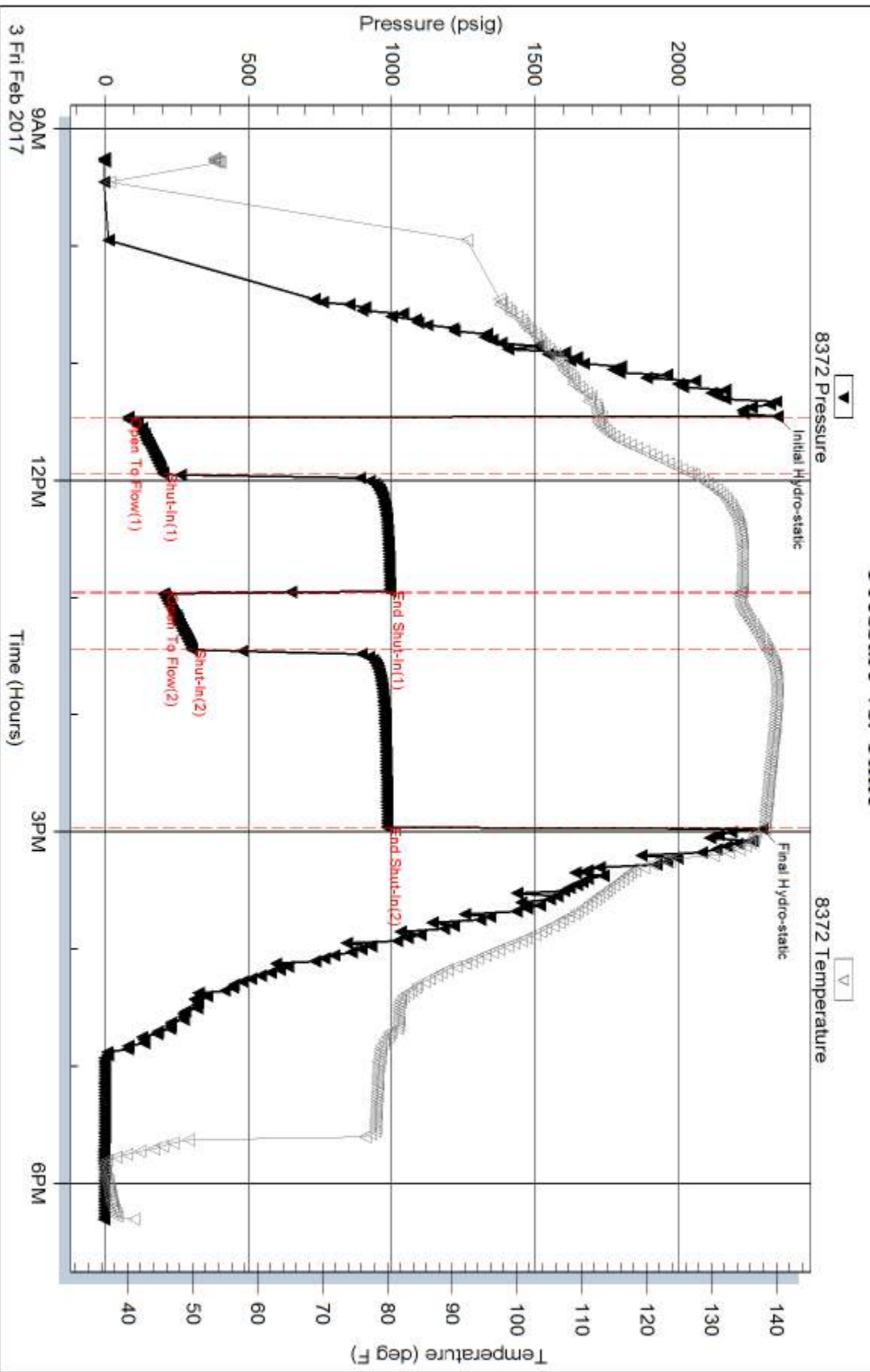
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .227 @ 39

### Pressure vs. Time



Serial #: 6668

Inside

Brito Oil Co Inc

Carpenter Unit 1-17

DST Test Number: 3

