



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

**16/8S/23W/Graham**

2020 N Bramblewood  
Wichita, Kansas  
67206+1094  
ATTN: Bryan Bynog

**Bar B #1**

Job Ticket: 64784

**DST#: 1**

Test Start: 2017.06.06 @ 19:06:00

## GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:48:18

Time Test Ended: 10:36:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays/126

**Interval: 3310.00 ft (KB) To 3378.00 ft (KB) (TVD)**

Reference Elevations: 2181.00 ft (KB)

Total Depth: 3378.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8960 Outside**

Press@RunDepth: 1108.41 psig @ 3374.63 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.06

End Date:

2017.06.07

Last Calib.: 1899.12.30

Start Time: 19:07:23

End Time:

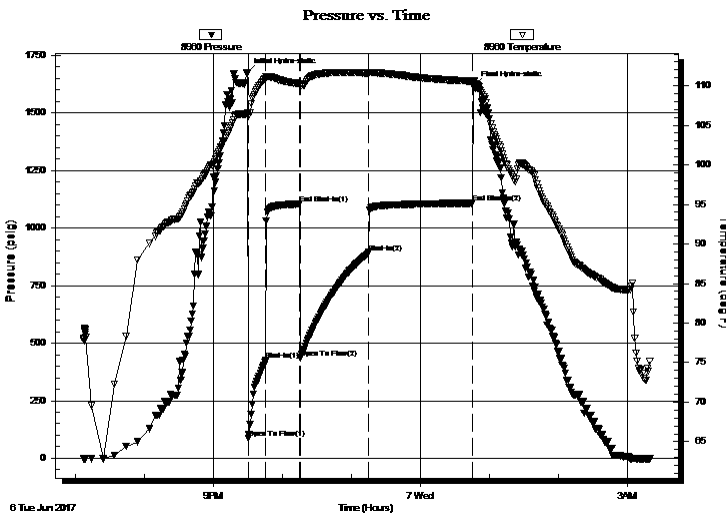
03:18:53

Time On Btm: 2017.06.06 @ 21:29:23

Time Off Btm: 2017.06.07 @ 00:46:23

**TEST COMMENT:** I.F. 15 Minutes/ Blow built to BOB in 2 minutes  
I.S.I. 30 Minutes/ No blow back  
F.F. 60 Minutes/ Blow built to BOB in 3 minutes  
F.S.I. 90 Minutes/ No blow back

## PRESSURE SUMMARY



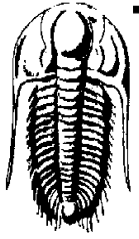
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.62	106.50	Initial Hydro-static
1	85.63	106.08	Open To Flow (1)
16	425.01	110.89	Shut-In(1)
46	1104.74	110.25	End Shut-In(1)
46	435.67	110.00	Open To Flow (2)
106	893.73	111.61	Shut-In(2)
196	1108.41	110.56	End Shut-In(2)
197	1617.33	110.61	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1905.00	Muddy Water with show of oil	21.94
0.00	Mud 10% Water 90%	0.00

## Gas Rates

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



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Reference Elevations: 2181.00 ft (KB)

Total Depth: 3378.00 ft (KB) (TVD)

2173.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8354 Inside**

Press@RunDepth: psig @ 3373.63 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.06 End Date: 2017.06.07

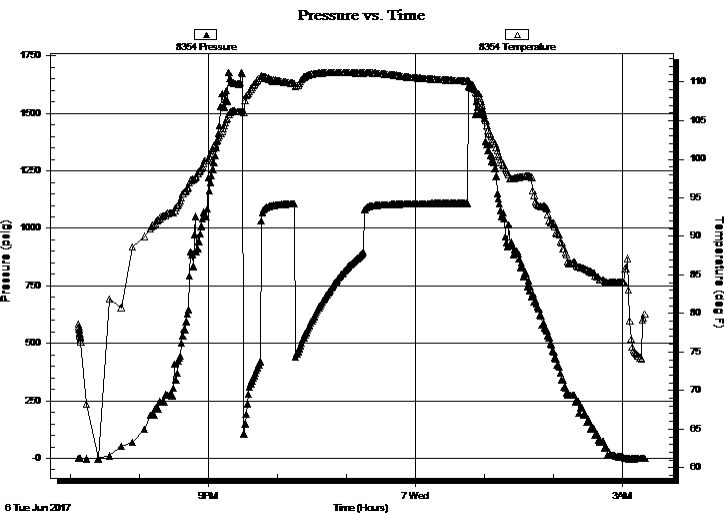
Last Calib.: 1899.12.30

Start Time: 19:07:24 End Time: 03:18:54

Time On Btm:

Time Off Btm:

**TEST COMMENT:** I.F. 15 Minutes/ Blow built to BOB in 2 minutes  
I.S.I. 30 Minutes/ No blow back  
F.F. 60 Minutes/ Blow built to BOB in 3 minutes  
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## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
1905.00	Muddy Water with show of oil	21.94
0.00	Mud 10% Water 90%	0.00

## Gas Rates

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



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## FLUID SUMMARY

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2020 N Bramblewood  
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67206+1094

**Bar B #1**

Job Ticket: 64784

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2017.06.06 @ 19:06:00

### 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:

18000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
1905.00	Muddy Water with show of oil	21.940
0.00	Mud 10% Water 90%	0.000

Total Length: 1905.00 ft      Total Volume: 21.940 bbl

Num Fluid Samples: 0

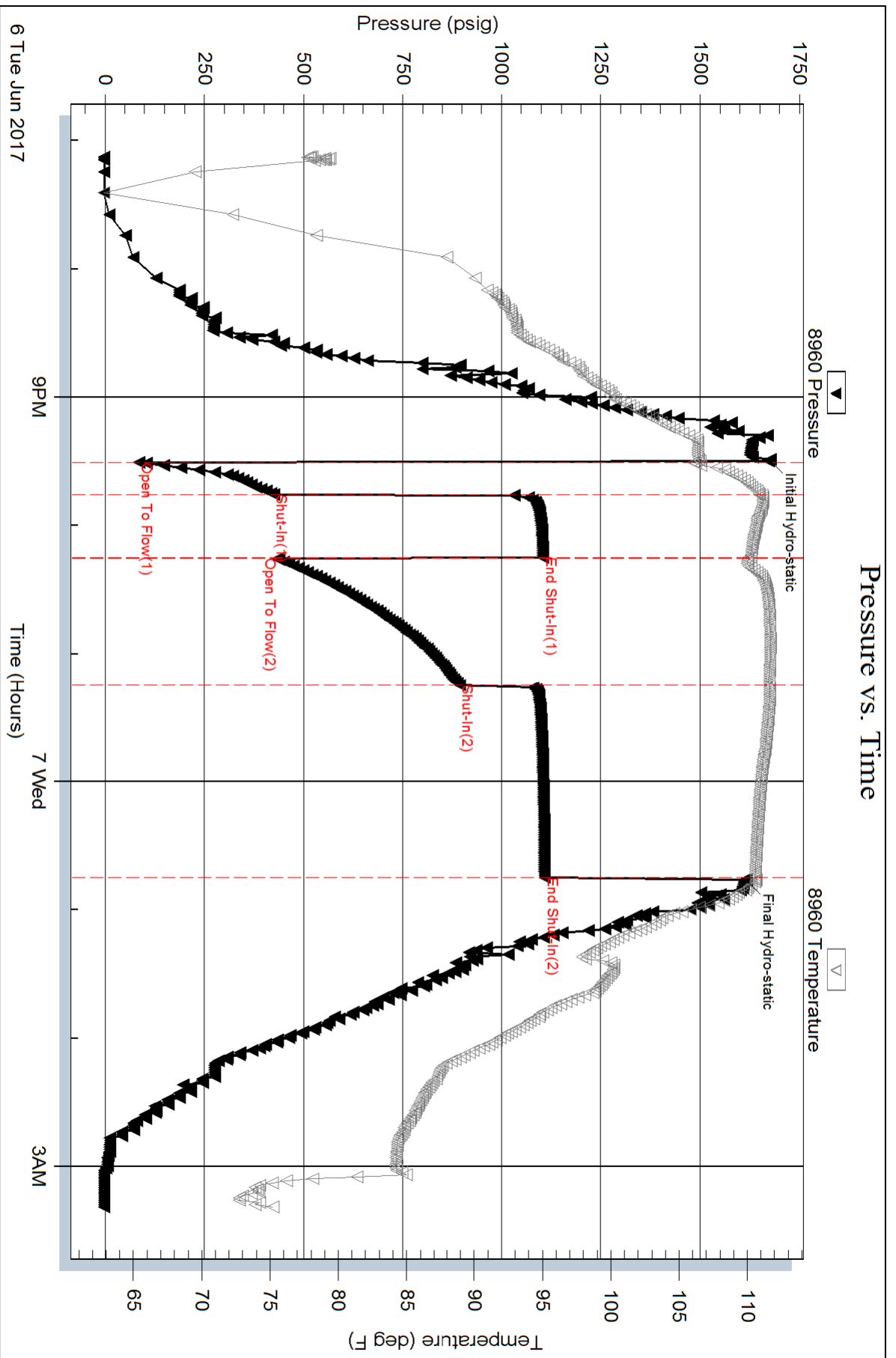
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Recovery Resistivity .33 ohms @ 79 deg.



Serial #: 8354

Inside

Berexco LLC

Bar B #1

DST Test Number: 1

