



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: 64786

DST#: 3

Test Start: 2017.06.08 @ 19:46:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:58:30

Time Test Ended: 03:35:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 72 Hays/126

Interval: 3480.00 ft (KB) To 3496.00 ft (KB) (TVD)

Reference Elevations: 2181.00 ft (KB)

Total Depth: 3496.00 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: 44.61 psig @ 3492.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.06.08 End Date: 2017.06.09

Last Calib.: 2017.06.09

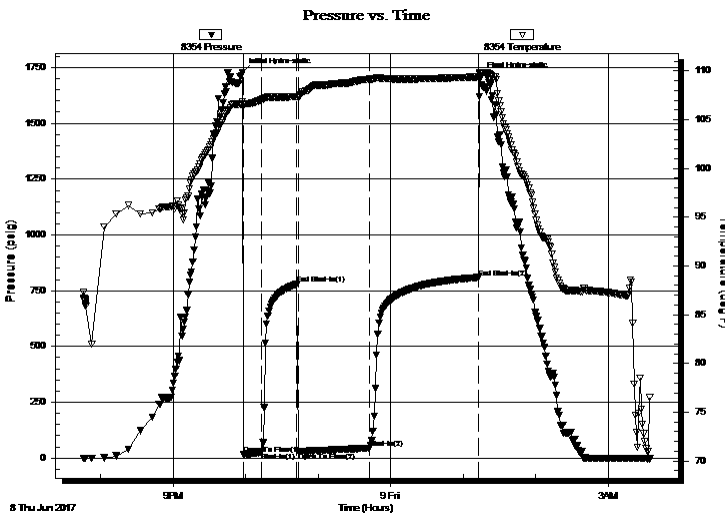
Start Time: 19:46:05 End Time: 03:34:59

Time On Btm: 2017.06.08 @ 21:57:30

Time Off Btm: 2017.06.09 @ 01:14:00

TEST COMMENT: I.F. 15 Minutes/ Blow built to 1 1/2 inches
I.S.I. 30 Minutes/ No blow back
F.F. 60 Minutes/ Blow built to 3 inches
F.S.I. 90 Minutes/ No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1726.96	106.87	Initial Hydro-static
1	17.47	106.51	Open To Flow (1)
16	24.75	107.03	Shut-In(1)
45	780.39	107.38	End Shut-In(1)
47	27.37	107.36	Open To Flow (2)
105	44.61	109.16	Shut-In(2)
195	809.03	109.39	End Shut-In(2)
197	1711.12	109.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oily Mud/ Oil 20% Mud 80%	0.30
5.00	Clean Oil 100%	0.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

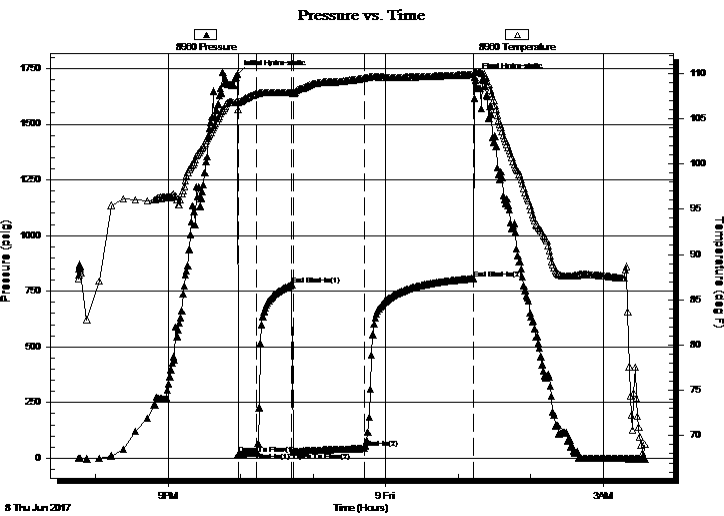
16/8S/23W/Graham
Bar B #1
 Job Ticket: 64786 **DST#: 3**
 Test Start: 2017.06.08 @ 19:46:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 21:58:30
 Time Test Ended: 03:35:00
 Interval: **3480.00 ft (KB) To 3496.00 ft (KB) (TVD)**
 Total Depth: 3496.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 72 Hays/126
 Reference Elevations: 2181.00 ft (KB)
 2173.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8960 Outside
 Press@RunDepth: 806.68 psig @ 3493.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.06.08 End Date: 2017.06.09 Last Calib.: 2017.06.09
 Start Time: 19:46:05 End Time: 03:34:59 Time On Btm: 2017.06.08 @ 21:57:30
 Time Off Btm: 2017.06.09 @ 01:14:00

TEST COMMENT: I.F. 15 Minutes/ Blow built to 1 1/2 inches
 I.S.I. 30 Minutes/ No blow back
 F.F. 60 Minutes/ Blow built to 3 inches
 F.S.I. 90 Minutes/ No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1724.62	107.00	Initial Hydro-static
1	16.53	105.95	Open To Flow (1)
16	28.12	107.72	Shut-In(1)
45	778.07	107.91	End Shut-In(1)
47	28.86	107.79	Open To Flow (2)
105	43.74	109.46	Shut-In(2)
195	806.68	109.85	End Shut-In(2)
197	1709.15	110.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oily Mud/ Oil 20% Mud 80%	0.30
5.00	Clean Oil 100%	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

16/8S/23W/Graham

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

Bar B #1

Job Ticket: 64786

DST#: 3

Test Start: 2017.06.08 @ 19:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Oily Mud/ Oil 20% Mud 80%	0.295
5.00	Clean Oil 100%	0.025

Total Length: 65.00 ft Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

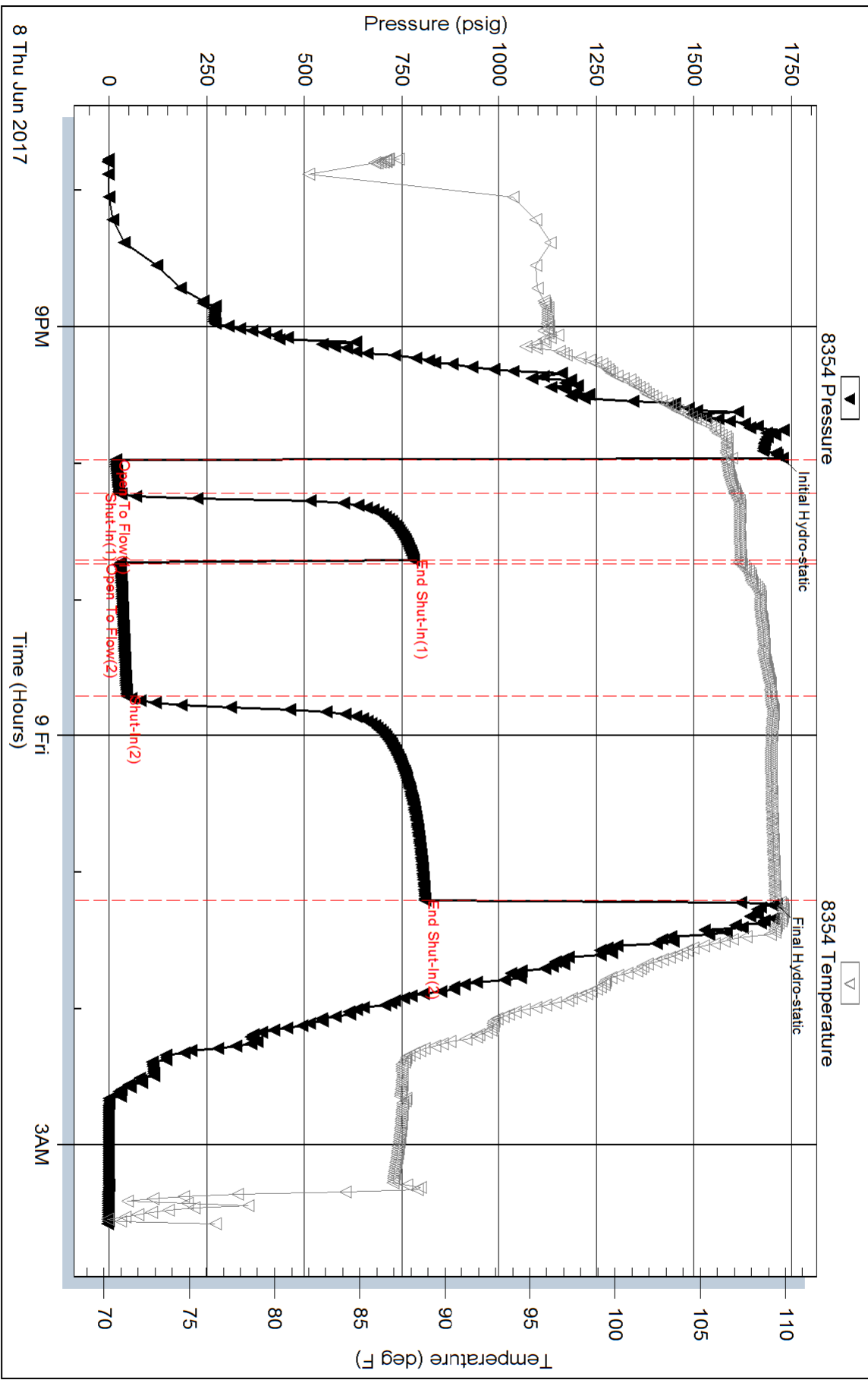
Inside

Berexco LLC

Bar B #1

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64786

Printed: 2017.06.09 @ 07:36:15

Pressure vs. Time

