



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

ATTN: Bryan Bynog

Job Ticket: 63252

DST#: 6

Test Start: 2018.03.27 @ 17:19:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:16:00

Time Test Ended: 05:21:45

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: 4800.00 ft (KB) To 4830.00 ft (KB) (TVD)

Reference Elevations: 3402.00 ft (KB)

Total Depth: 4830.00 ft (KB) (TVD)

3394.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8017 Outside

Press@RunDepth: 417.17 psig @ 4801.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.03.27

End Date:

2018.03.28

Last Calib.:

2018.03.28

Start Time:

17:19:05

End Time:

05:21:45

Time On Btm:

2018.03.27 @ 20:15:45

Time Off Btm:

2018.03.28 @ 01:24:30

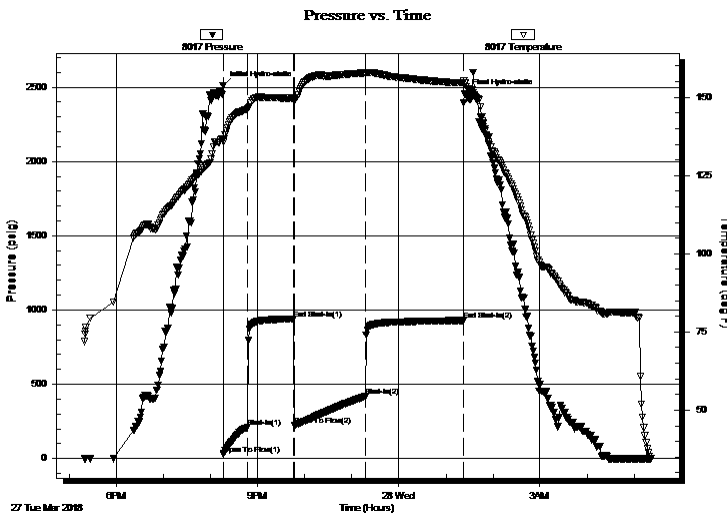
TEST COMMENT: 30 - IF: 1/2" Blow at open, built to BOB (11") at 10 min., built to 34"

60 - IS: Blow built 11 3/4"

90 - FF: Blow built to BOB at 15 min., built to 89"

120 - FS: Blow built 2 3/4" then died back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2509.60	136.80	Initial Hydro-static
1	27.16	135.68	Open To Flow (1)
31	208.67	146.31	Shut-In(1)
90	941.26	149.63	End Shut-In(1)
91	223.92	149.40	Open To Flow (2)
181	417.17	157.76	Shut-In(2)
307	929.03	154.59	End Shut-In(2)
309	2459.44	154.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCGO 46%g, 39%o, 15%m	0.59
346.00	SMCGO 83%o, 12%g, 5%m	1.72
124.00	MCGO 66%o, 22%m, 12%g	1.74
450.00	CGO 83%o, 17%g	6.31
0.00	GIP = ??	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Bryan Bynog

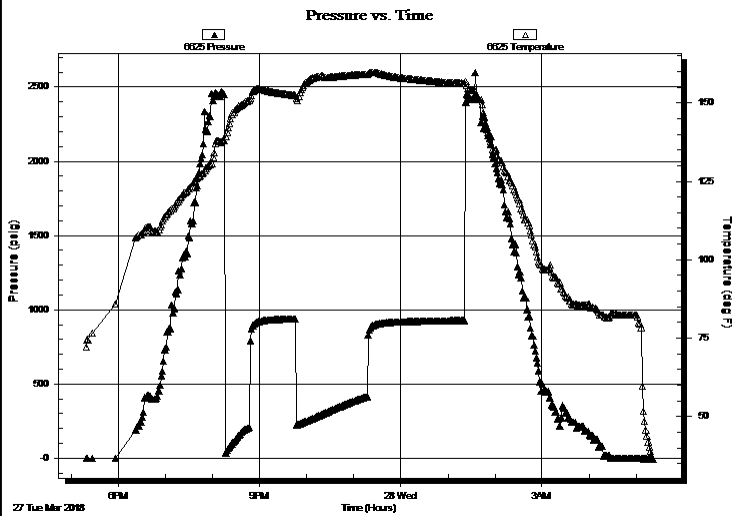
17/2s/37w Cheyenne KS
Park University#1-17
 Job Ticket: 63252 **DST#: 6**
 Test Start: 2018.03.27 @ 17:19:00

GENERAL INFORMATION:

Formation: **Cherokee**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 20:16:00 Tester: James Winder
 Time Test Ended: 05:21:45 Unit No: 83
 Interval: **4800.00 ft (KB) To 4830.00 ft (KB) (TVD)** Reference Elevations: 3402.00 ft (KB)
 Total Depth: 4830.00 ft (KB) (TVD) 3394.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6625 Inside
 Press@RunDepth: psig @ 4801.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.03.27 End Date: 2018.03.28 Last Calib.: 2018.03.28
 Start Time: 17:19:05 End Time: 05:22:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 - IF: 1/2" Blow at open, built to BOB (11") at 10 min., built to 34"
 60 - IS: Blow built 11 3/4"
 90 - FF: Blow built to BOB at 15 min., built to 89"
 120 - FS: Blow built 2 3/4" then died back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MCGO 46%g, 39%o, 15%m	0.59
346.00	SMCGO 83%o, 12%g, 5%m	1.72
124.00	MCGO 66%o, 22%m, 12%g	1.74
450.00	CGO 83%o, 17%g	6.31
0.00	GIP = ??	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

17/2s/37w Cheyenne KS

2020 N. Bramblewood
Wichita, KS 67206

Park University#1-17

Job Ticket: 63252

DST#: 6

ATTN: Bryan Bynog

Test Start: 2018.03.27 @ 17:19:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

28.2 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MCGO 46%g, 39%o, 15%m	0.590
346.00	SMCGO 83%o, 12%g, 5%m	1.720
124.00	MCGO 66%o, 22%m, 12%g	1.739
450.00	CGO 83%o, 17%g	6.312
0.00	GIP = ??	0.000

Total Length: 1040.00 ft Total Volume: 10.361 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

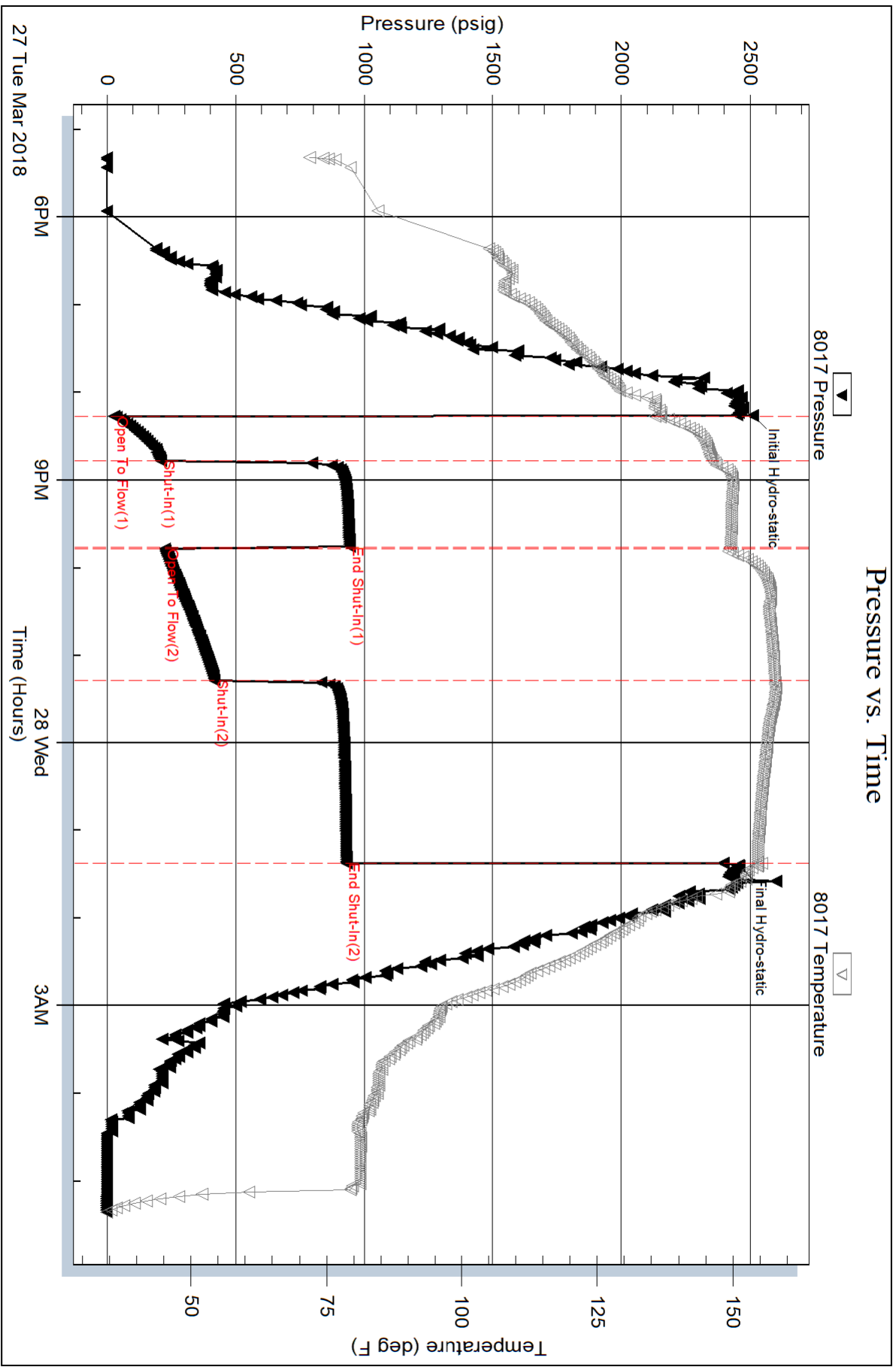
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 25.6 api @ 34 deg F Corrected Gravity = 28.2 api

GIP = ?? - I couldn't tell w here it started - very weak odor -



Serial #: 6625

Inside

Berexco, LLC

Park University#1-17

DST Test Number: 6

