



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC

9/4s/27w Decatur KS

2020 N Bramblewood
Wichita, KS 67206

Petracek #7

Job Ticket: 65323

DST#: 1

ATTN: Bryan Bynog

Test Start: 2019.03.11 @ 05:41:00

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:02:45

Time Test Ended: 16:46:45

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder/ Shaw n

Unit No: 83

Interval: 3415.00 ft (KB) To 3500.00 ft (KB) (TVD)

Reference Elevations: 2668.00 ft (KB)

Total Depth: 3500.00 ft (KB) (TVD)

2660.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 165.32 psig @ 3416.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.03.11

End Date:

2019.03.11

Last Calib.:

2019.03.11

Start Time:

05:41:05

End Time:

16:46:45

Time On Btm:

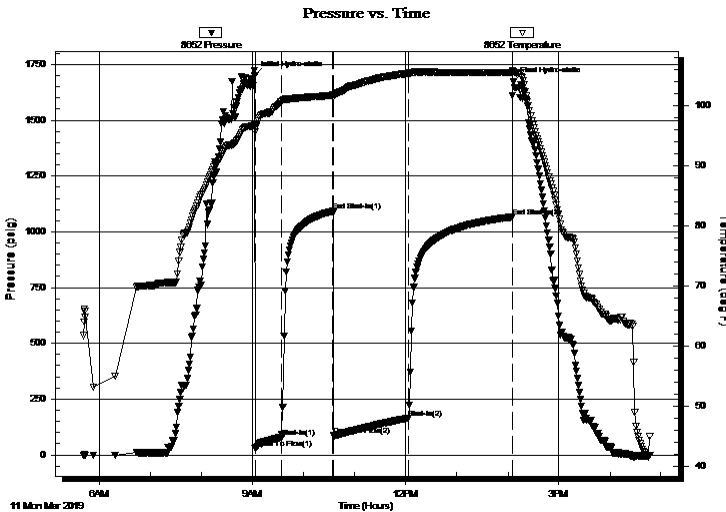
2019.03.11 @ 09:02:30

Time Off Btm:

2019.03.11 @ 14:06:15

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 29 min.
60 - IS: Blow back built to 1/8"
90 - FF: Blow built to BOB at 29 min., built to 31 3/4"
120 - FS: Blow back built to 1 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1700.08	96.85	Initial Hydro-static
1	29.98	95.67	Open To Flow (1)
32	80.12	100.67	Shut-In(1)
92	1091.85	101.71	End Shut-In(1)
93	86.33	101.41	Open To Flow (2)
181	165.32	105.35	Shut-In(2)
303	1066.43	105.51	End Shut-In(2)
304	1671.32	105.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
185.00	GSOMCW 69%w, 27%m, 3%o, 1%g	2.08
62.00	GSWOCM 72%m, 13%o, 7%w, 8%g	0.87
20.00	GOCM 71%m, 24%o, 5%g	0.28
50.00	CO 97%o, 3%g	0.70
0.00	GIP= 65'	0.00

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2019.03.11 @ 05:41:00

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:

75000 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
185.00	GSOMCW 69%w , 27%m, 3%o, 1%g	2.076
62.00	GSWOCM 72%m, 13%o, 7%w , 8%g	0.870
20.00	GOCM 71%m, 24%o, 5%g	0.281
50.00	CO 97%o, 3%g	0.701
0.00	GIP= 65'	0.000

Total Length: 317.00 ft Total Volume: 3.928 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

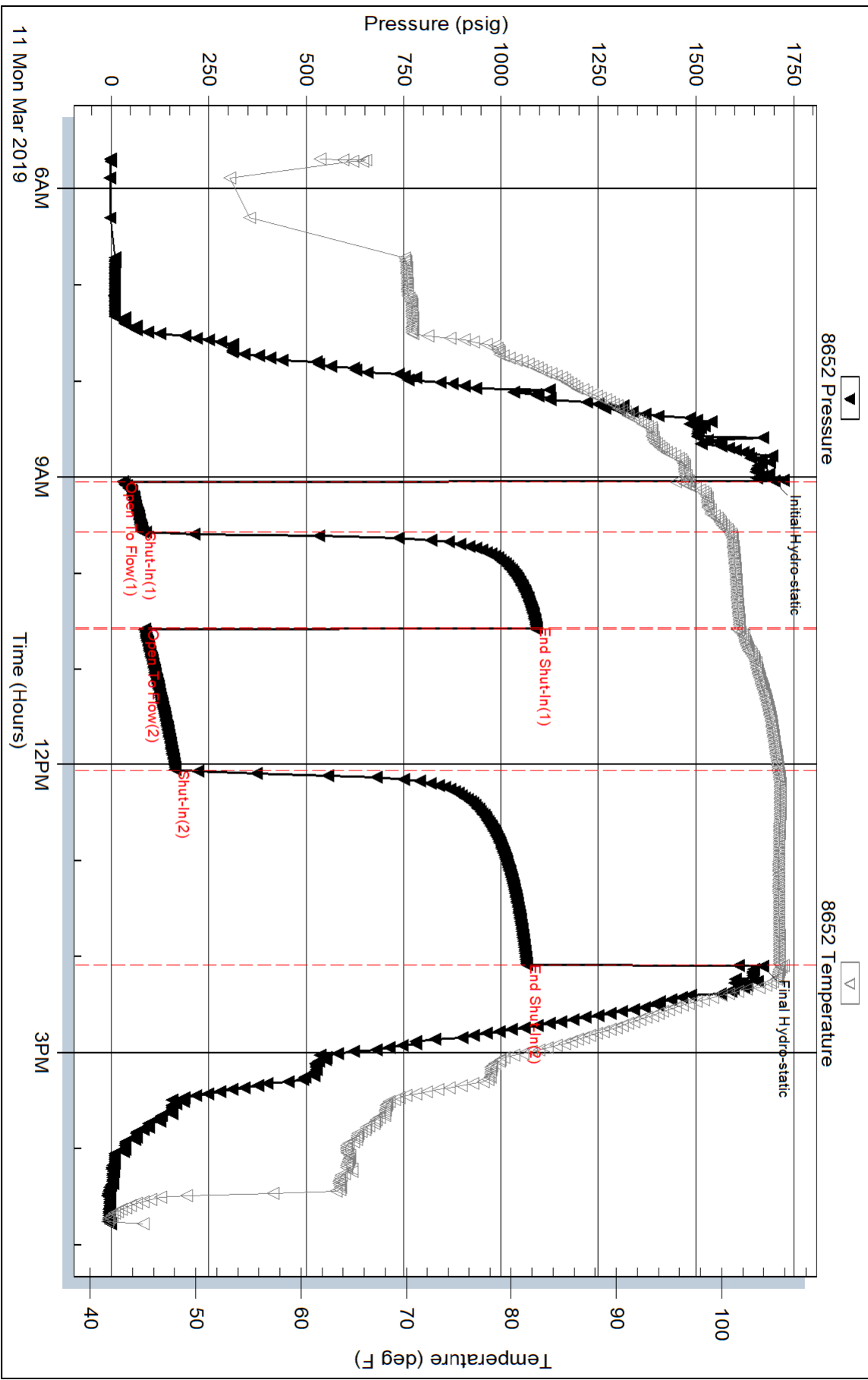
Laboratory Name:

Laboratory Location:

Recovery Comments: Grativity = TLTM

RW = .166 ohms @ 43.4 deg F Chlorides = 75,000 ppm

Pressure vs. Time



Serial #: 6625

Inside

Berexco, LLC

Retracek #7

DST Test Number: 1

