



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Suemaer Exploration & Production LLC

30/2s/27w Decatur KS

555 N Carancahua STE 1230
Corpus Christi TX 78401

Cook #1-30

Job Ticket: 65587

DST#: 1

ATTN: Larry Nicholson

Test Start: 2019.09.29 @ 01:08:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:57:00

Time Test Ended: 08:33:00

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Interval: 3584.00 ft (KB) To 3643.00 ft (KB) (TVD)

Reference Elevations: 2640.00 ft (KB)

Total Depth: 3643.00 ft (KB) (TVD)

2635.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 561.72 psig @ 3585.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.09.29

End Date: 2019.09.29

Last Calib.: 2019.09.29

Start Time: 01:08:05

End Time: 08:32:59

Time On Btm: 2019.09.29 @ 02:56:45

Time Off Btm: 2019.09.29 @ 05:47:15

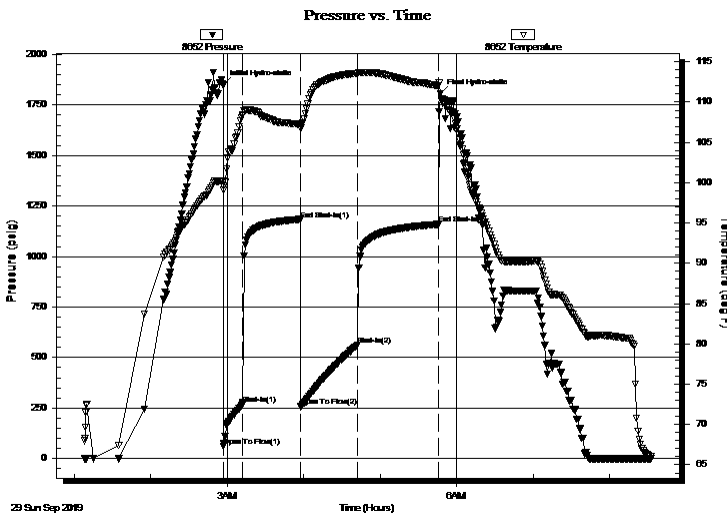
TEST COMMENT: 15 - IF: Blow built to BOB (11") at 3 1/2 min., built to 41 1/4"

45 - IS: No blow back

45 - FF: Blow built to BOB at 4 min., built to 100 1/2"

60 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1849.42	100.18	Initial Hydro-static
1	61.27	99.06	Open To Flow (1)
16	266.49	108.32	Shut-In(1)
61	1183.83	107.23	End Shut-In(1)
61	256.56	106.75	Open To Flow (2)
106	561.72	113.54	Shut-In(2)
169	1159.58	112.05	End Shut-In(2)
171	1806.64	111.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
430.00	SMCW 94%w, 6%m	4.39
715.00	MCW 78%w, 22%m	10.03
0.00	Trace of oil in tool	0.00

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2019.09.29 @ 01:08:00

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:

31000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
430.00	SMCW 94%w , 6%m	4.392
715.00	MCW 78%w , 22%m	10.030
0.00	Trace of oil in tool	0.000

Total Length: 1145.00 ft Total Volume: 14.422 bbl

Num Fluid Samples: 0

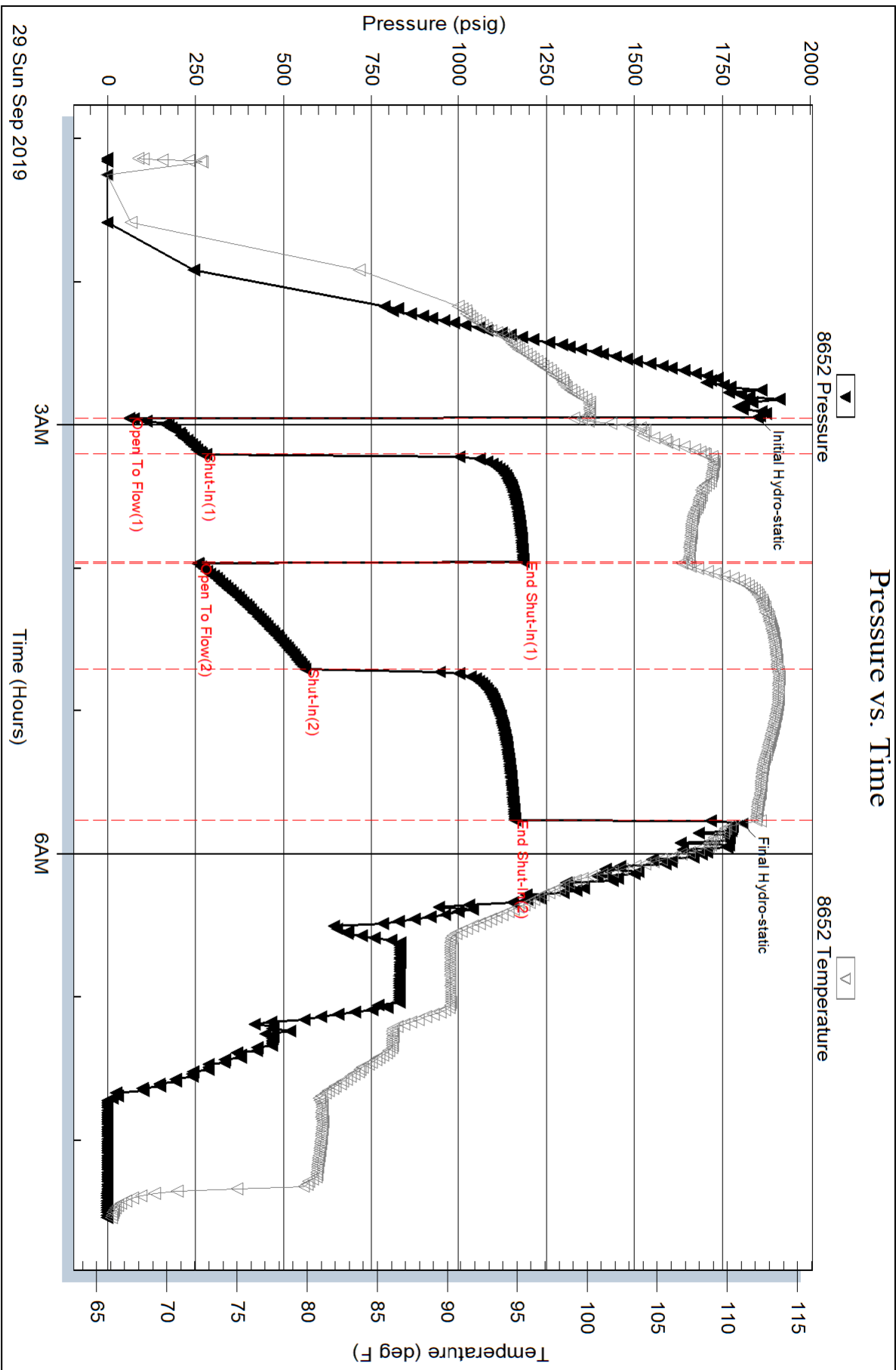
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .241 ohms @ 66.7 deg F Chlorides = 31,000 ppm



Serial #: 6625

Inside

Suenaur Exploration & Production LLC

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DST Test Number: 1

