



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Suema Exploration & Production LLC

28/2s/27w Decatur KS

555 N Carancahua STE 1230
Corpus Christi, TX 78401

Fortin/ Long #1-28

Job Ticket: 66404

DST#: 1

ATTN: Bob Peterson

Test Start: 2019.12.08 @ 03:00:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:50:00

Time Test Ended: 10:22:30

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Interval: **3470.00 ft (KB) To 3518.00 ft (KB) (TVD)**

Reference Elevations: 2590.00 ft (KB)

Total Depth: 3518.00 ft (KB) (TVD)

2585.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8652 Outside

Press@RunDepth: 136.59 psig @ 3471.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.12.08

End Date:

2019.12.08

Last Calib.:

2019.12.08

Start Time:

03:00:05

End Time:

10:22:29

Time On Btm:

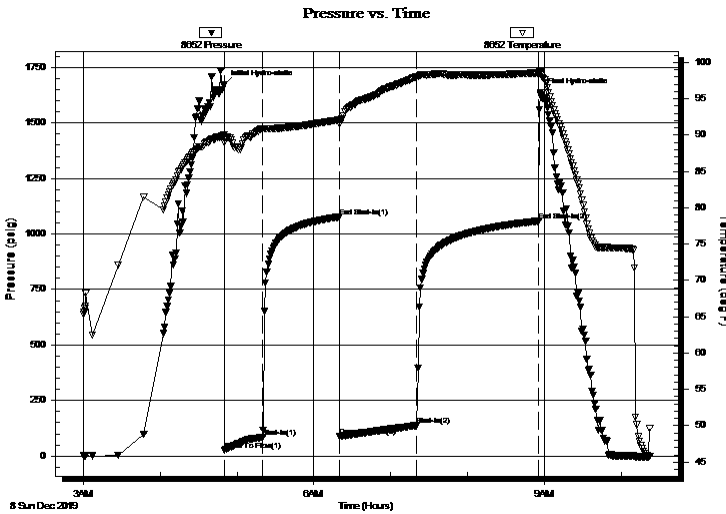
2019.12.08 @ 04:49:45

Time Off Btm:

2019.12.08 @ 08:57:00

TEST COMMENT: 30 - IF: Blow built to 8 1/4"
60 - IS: Blow back built to 1/8" at end of close
60 - FF: Blow built to BOB (11") at 58 min.
90 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1673.71	90.02	Initial Hydro-static
1	24.36	88.92	Open To Flow (1)
31	83.85	90.86	Shut-In(1)
90	1076.95	92.09	End Shut-In(1)
91	87.43	91.58	Open To Flow (2)
151	136.59	97.99	Shut-In(2)
246	1058.30	98.55	End Shut-In(2)
248	1636.34	98.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCW 73%w, 27%m	1.43
75.00	Mud 100%	1.05

Gas Rates

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



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Reference Elevations: 2590.00 ft (KB)

Total Depth: 3518.00 ft (KB) (TVD)

2585.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3471.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.12.08

End Date: 2019.12.08

Last Calib.: 2019.12.08

Start Time: 03:00:05

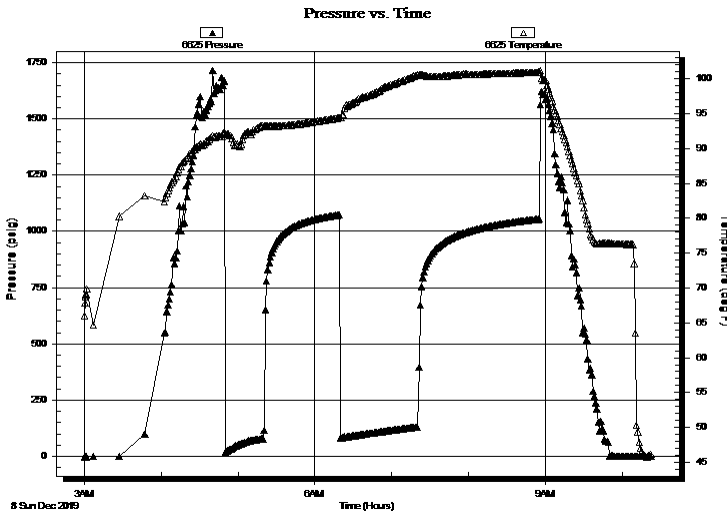
End Time: 10:22:59

Time On Btm:

Time Off Btm:

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60 - FF: Blow built to BOB (11") at 58 min.
90 - FS: No blow back

PRESSURE SUMMARY



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

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MCW 73%w , 27%m	1.43
75.00	Mud 100%	1.05

Gas Rates

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



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FLUID SUMMARY

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28/2s/27w Decatur KS

555 N Carancahua STE 1230
Corpus Christi, TX 78401

Fortin/ Long #1-28

Job Ticket: 66404

DST#: 1

ATTN: Bob Peterson

Test Start: 2019.12.08 @ 03:00:00

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:

55000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	MCW 73%w , 27%m	1.432
75.00	Mud 100%	1.052

Total Length: 255.00 ft Total Volume: 2.484 bbl

Num Fluid Samples: 0

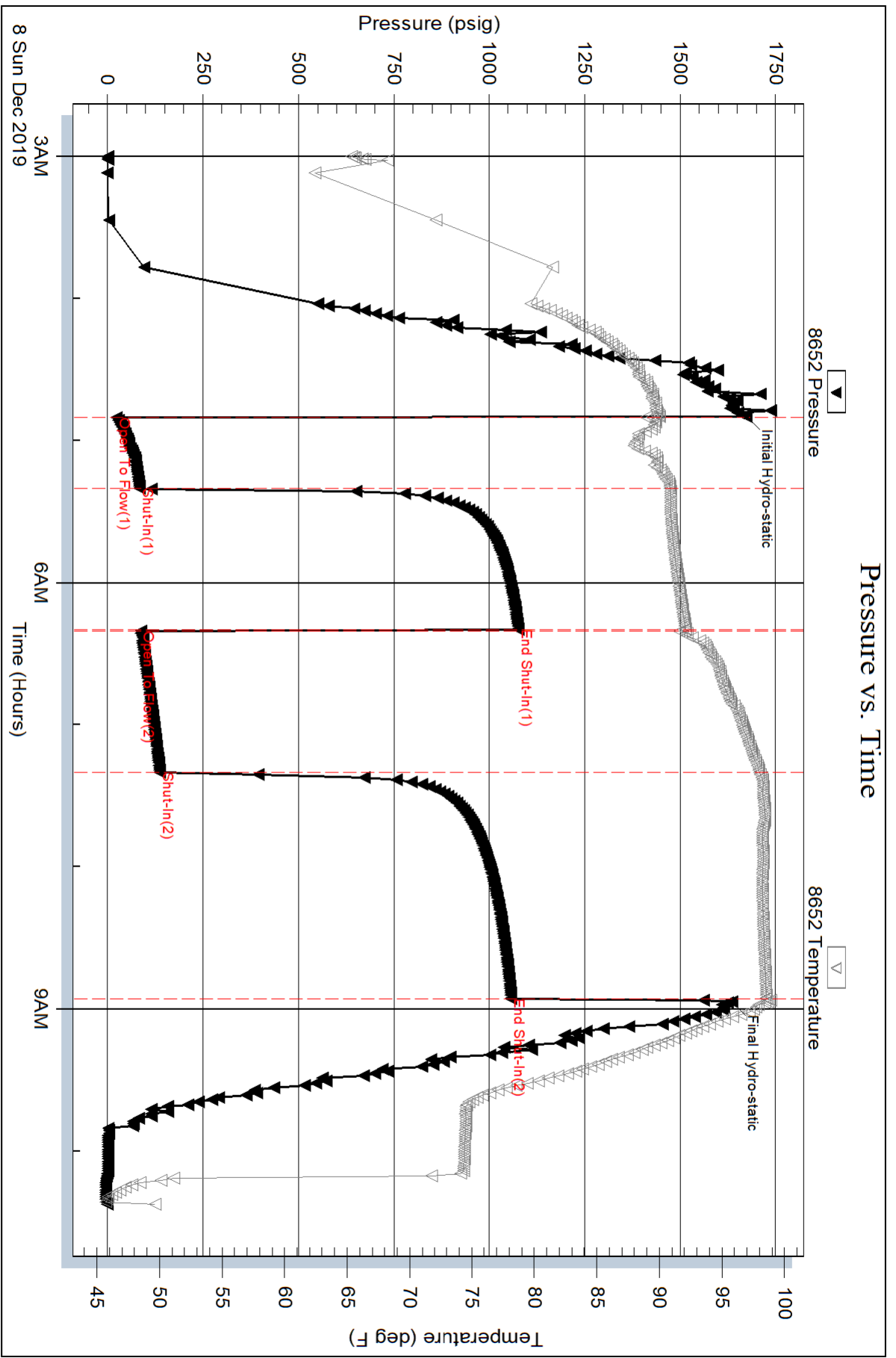
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .228 ohms @ 43 deg F Chlorides = 55,000 ppm



Serial #: 6625

Inside

Suenaar Exploration & Production LLC

Fortin/ Long #1-28

DST Test Number: 1

