



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Concorde Resources Corp

19/15s/33w Logan KS

111 S Main St.
PO Box 841
Eufaula, OK 74432
ATTN: Larry Nicholson

McDaniel #1A-19

Job Ticket: 64095 **DST#: 2**

Test Start: 2018.09.30 @ 19:43:00

GENERAL INFORMATION:

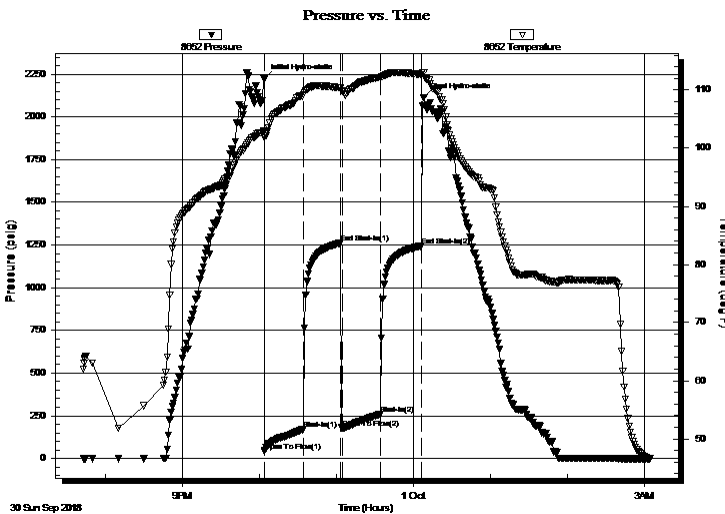
Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:04:00
 Time Test Ended: 03:05:00
 Interval: **4232.00 ft (KB) To 4305.00 ft (KB) (TVD)**
 Total Depth: 4305.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 83
 Reference Elevations: 2952.00 ft (KB)
 2946.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8652 Outside

Press@RunDepth: 259.21 psig @ 4233.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2018.09.30 End Date: 2018.10.01 Last Calib.: 2018.10.01
 Start Time: 19:43:05 End Time: 03:04:59 Time On Btm: 2018.09.30 @ 22:03:45
 Time Off Btm: 2018.10.01 @ 00:08:15

TEST COMMENT: 30 - IF: Blow built to BOB (11") at 8 min., built to 39"
 30 - IS: Blow back built to 4 1/2"
 30 - FF: Blow built to BOB at 9 min., built to 38 3/4"
 30 - FS: Blow back built to 1 3/4"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2222.21	102.92	Initial Hydro-static
1	42.82	101.80	Open To Flow (1)
31	169.91	109.23	Shut-In(1)
60	1261.83	110.34	End Shut-In(1)
61	177.61	109.93	Open To Flow (2)
91	259.21	112.16	Shut-In(2)
123	1244.58	112.69	End Shut-In(2)
125	2112.80	112.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
183.00	GOWM 27%g, 22%m, 18%FO/21%mix,	11.47
63.00	GWOM 31%g, 30%m, 24%o, 15%w	0.88
56.00	GOM 45%m, 30%o, 25%g	0.79
315.00	CGO 76%o, 24%g	4.42
0.00	GIP = 200'	0.00

* Recovery from multiple tests

Gas Rates

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



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Unit No: 83

Interval: **4232.00 ft (KB) To 4305.00 ft (KB) (TVD)**

Total Depth: 4305.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2952.00 ft (KB)

2946.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6625

Inside

Press@RunDepth: psig @ 4233.00 ft (KB)

Start Date: 2018.09.30

End Date:

2018.10.01

Start Time: 19:43:05

End Time:

03:05:29

Capacity: 8000.00 psig

Last Calib.:

2018.10.01

Time On Btm:

Time Off Btm:

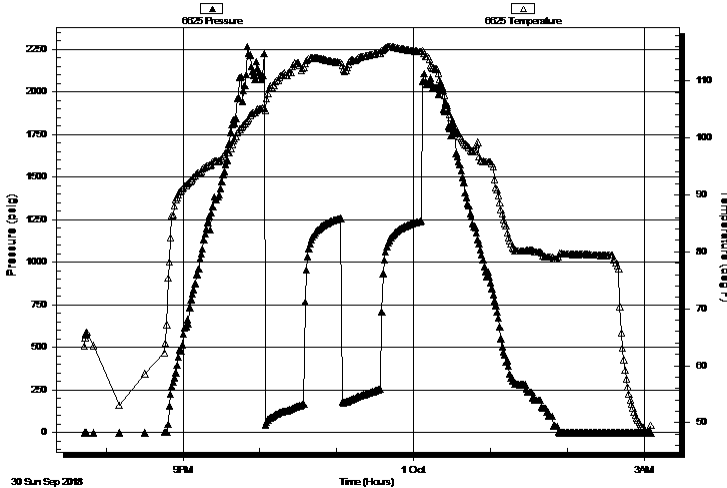
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Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
183.00	GOWM 27%g, 22%m, 18%FO/21%mix,	1:1.47
63.00	GWOM 31%g, 30%m, 24%o, 15%w	0.88
56.00	GOM 45%m, 30%o, 25%g	0.79
315.00	CGO 76%o, 24%g	4.42
0.00	GIP = 200'	0.00

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

Concorde Resources Corp

19/15s/33w Logan KS

111 S Main St.
PO Box 841
Eufaula, OK 74432
ATTN: Larry Nicholson

McDaniel #1A-19

Job Ticket: 64095

DST#: 2

Test Start: 2018.09.30 @ 19:43:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 63.00 sec/qt
Water Loss: 8.78 in³
Resistivity: ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 33.8 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
183.00	GOWM 27%g, 22%m, 18%FO/21%mix, 12%w	1.474
63.00	GWOM 31%g, 30%m, 24%o, 15%w	0.884
56.00	GOM 45%m, 30%o, 25%g	0.786
315.00	CGO 76%o, 24%g	4.419
0.00	GIP = 200'	0.000

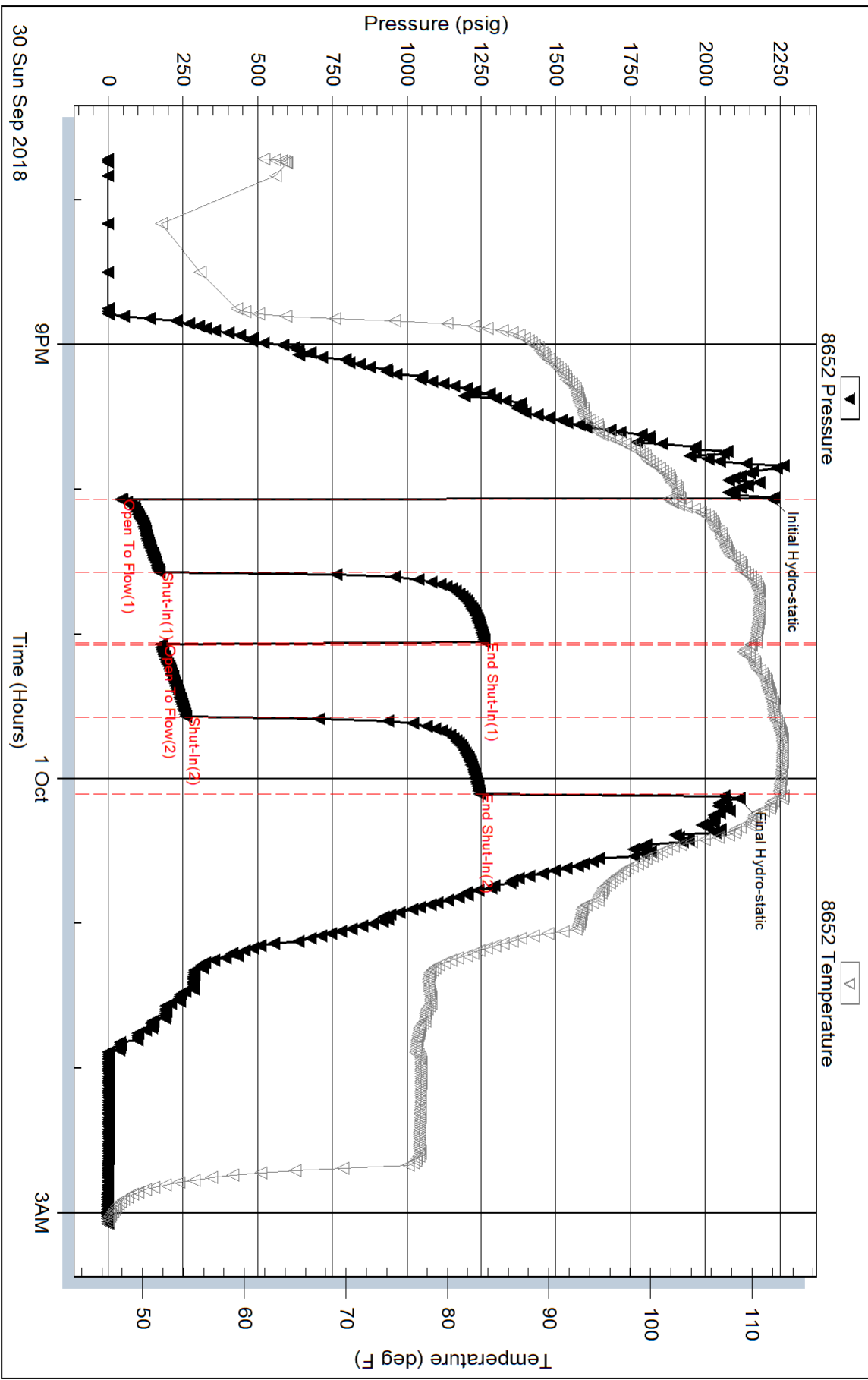
Total Length: 617.00 ft Total Volume: 7.563 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Gravity = 33 api @ 52 deg F Corrected Gravity = 33.8 api
Bottom 183' had Free Oil and OGM mixture

Pressure vs. Time



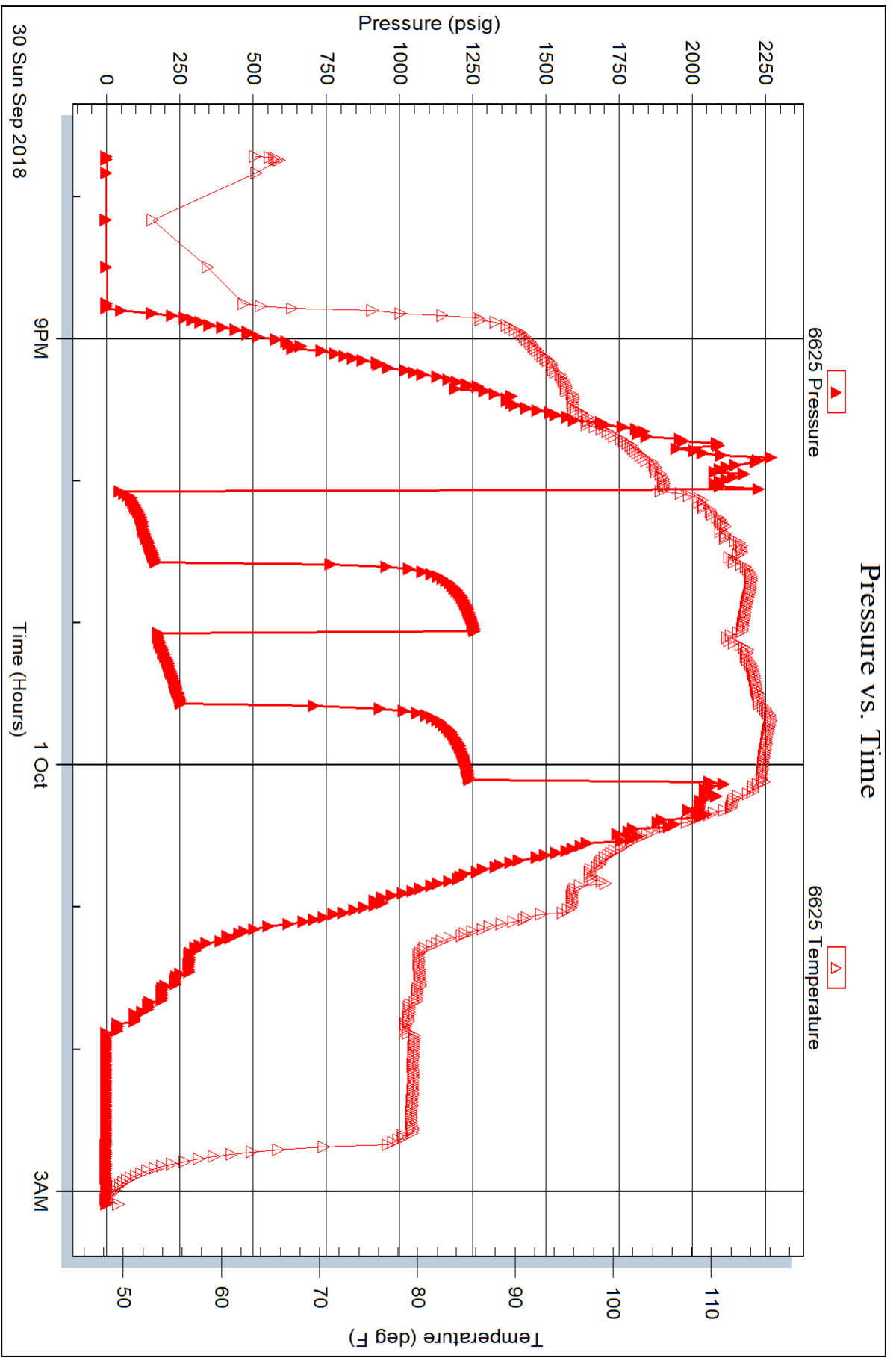
Serial #: 6625

Inside

Concorde Resources Corp

McDaniel #1A-19

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 64095

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