



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Vess Oil Corporation

1700 Waterfront Pkwy
Bldg 500
Wichita Ks 67206-6619
ATTN: Dylan Klaus, Roger

13-10s-17w Rooks

Comeau B #1

Job Ticket: 63087

DST#: 3

Test Start: 2017.09.27 @ 00:40:56

GENERAL INFORMATION:

Formation: **Toronto-LKC F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:27:06

Time Test Ended: 07:05:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 77

Interval: 3089.00 ft (KB) To 3235.00 ft (KB) (TVD)

Total Depth: 3235.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 1966.00 ft (KB)

1958.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8360 Inside

Press@RunDepth: 54.08 psig @ 3091.00 ft (KB)

Start Date: 2017.09.27

End Date:

2017.09.27

Start Time: 00:40:56

End Time:

07:05:20

Capacity: 8000.00 psig

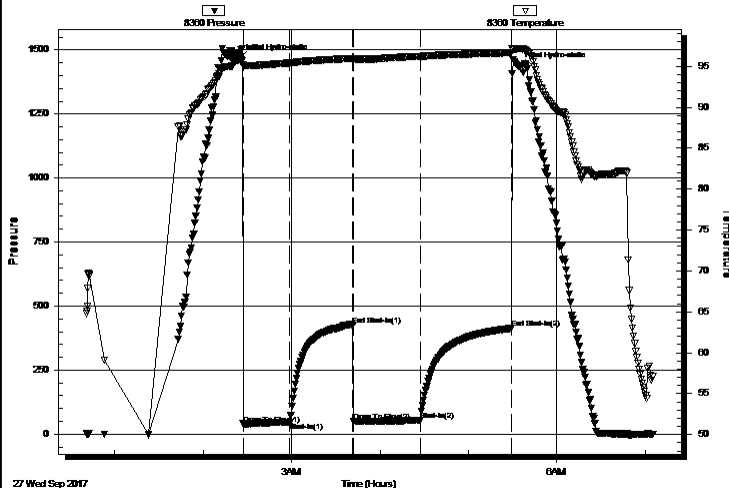
Last Calib.: 2017.09.27

Time On Btm: 2017.09.27 @ 02:24:36

Time Off Btm: 2017.09.27 @ 05:34:05

TEST COMMENT: 30-IFP-w k bl thru-out 1/2"to 1 1/4"bl
45-ISIP-no bl bk
45-FFP-w k surface bl thru-out
60-FSIP-no bl bk

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1465.76	95.77	Initial Hydro-static
3	40.07	95.10	Open To Flow (1)
35	47.11	95.42	Shut-In (1)
77	425.18	95.97	End Shut-In (1)
78	50.50	95.79	Open To Flow (2)
123	54.08	96.21	Shut-In (2)
185	412.85	96.68	End Shut-In (2)
190	1436.44	97.15	Final Hydro-static

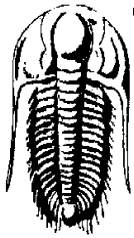
Recovery

Length (ft)	Description	Volume (bbl)
70.00	Mud	0.57
0.00	tool sample 1%oil 99%mud	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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13-10s-17w Rooks

Comeau B #1

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Reference Elevations: 1966.00 ft (KB)

1958.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8673 Outside

Press@RunDepth: psig @ 3091.00 ft (KB)

Start Date: 2017.09.27

End Date:

2017.09.27

Start Time: 00:40:21

End Time:

07:04:15

Capacity: 8000.00 psig

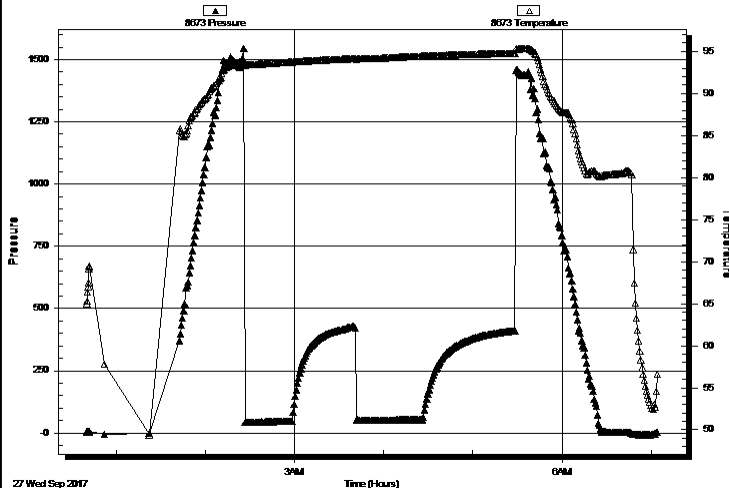
Last Calib.: 2017.09.27

Time On Btm:

Time Off Btm:

TEST COMMENT: 30-IFP-w k bl thru-out 1/2"to 1 1/4"bl
45-ISIP-no bl bk
45-FFP-w k surface bl thru-out
60-FSIP-no bl bk

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
70.00	Mud	0.57
0.00	tool sample 1%oil 99%mud	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



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FLUID SUMMARY

Vess Oil Corporation

13-10s-17w Rooks

1700 Waterfront Pkwy

Comeau B #1

Bldg 500

Job Ticket: 63087

DST#: 3

Wichita Ks 67206-6619

Test Start: 2017.09.27 @ 00:40:56

ATTN: Dylan Klaus , Roger

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud	0.568
0.00	tool sample 1%oil 99%mud	0.000

Total Length: 70.00 ft

Total Volume: 0.568 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

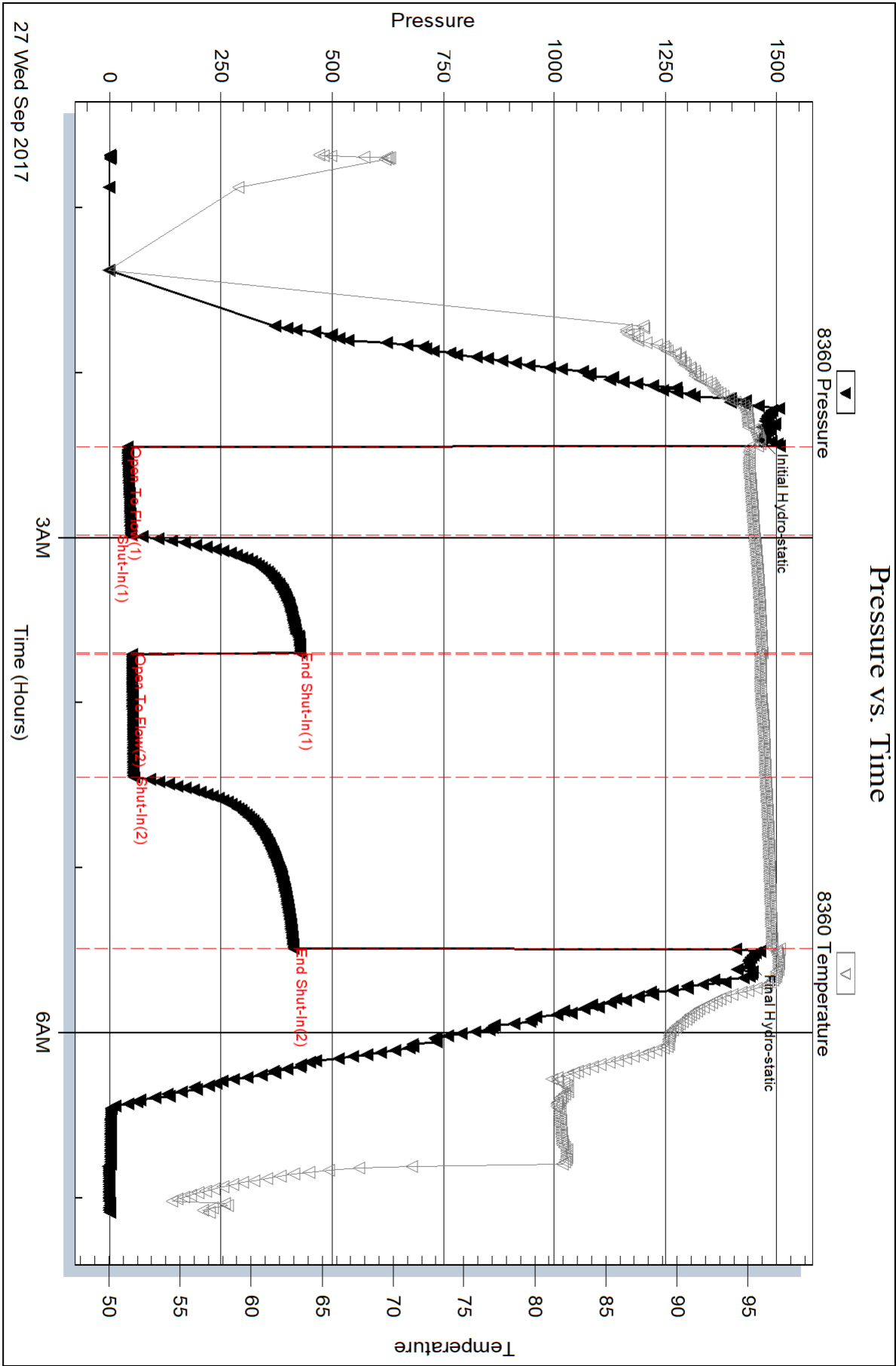
Serial #: 8360

Inside

Vess Oil Corporation

Comeau B #1

DST Test Number: 3



Serial #: 8673

Outside Vess Oil Corporation

Comeau B #1

DST Test Number: 3

