



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: 63086

DST#: 2

Test Start: 2017.09.25 @ 00:20:38

GENERAL INFORMATION:

Formation: **Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:06:03

Time Test Ended: 06:53:17

Test Type: Conventional Bottom Hole (Reset)

Tester: Ray Schwager

Unit No: 77

Interval: **3050.00 ft (KB) To 3070.00 ft (KB) (TVD)**

Total Depth: 3070.00 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: 71.99 psig @ 3051.00 ft (KB)

Start Date: 2017.09.25

End Date:

2017.09.25

Start Time: 00:20:38

End Time:

06:53:17

Capacity: 8000.00 psig

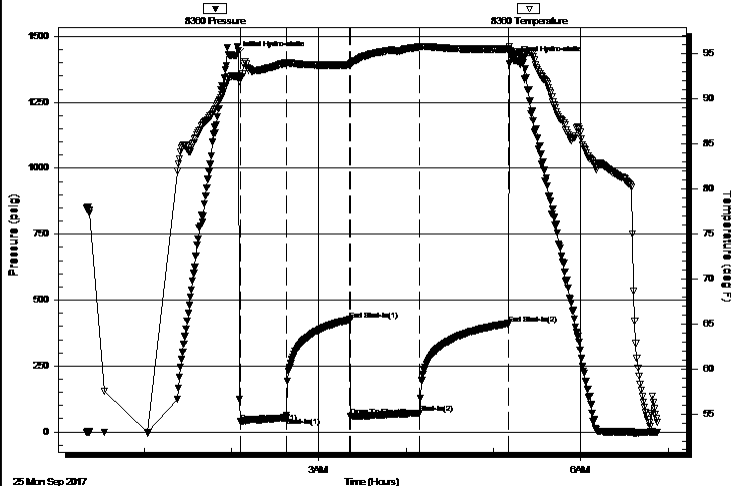
Last Calib.: 2017.09.26

Time On Btm: 2017.09.25 @ 02:03:18

Time Off Btm: 2017.09.25 @ 05:14:32

TEST COMMENT: 30-IFP-w k bl thru-out 1/4"to 1/2"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	1427.16	92.50	Initial Hydro-static
3	38.32	92.36	Open To Flow (1)
35	53.85	93.98	Shut-In (1)
78	425.57	93.78	End Shut-In (1)
79	57.99	93.77	Open To Flow (2)
126	71.99	95.78	Shut-In (2)
187	410.78	95.52	End Shut-In (2)
192	1408.45	95.20	Final Hydro-static

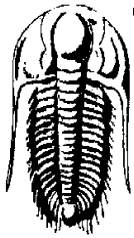
Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud	0.15
60.00	MW 25%M75%W w/show of oil	0.44

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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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 #: 8673 Outside

Press@RunDepth: psig @ 3051.00 ft (KB)

Start Date: 2017.09.25

End Date:

2017.09.25

Start Time: 00:20:57

End Time:

06:53:21

Capacity: 8000.00 psig

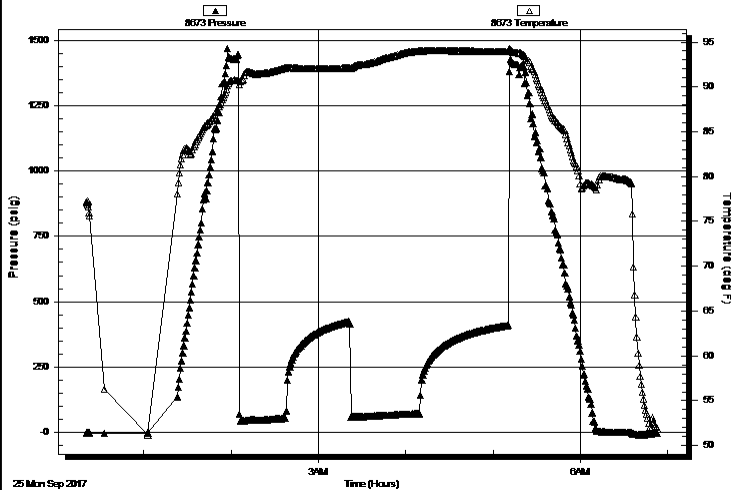
Last Calib.: 2017.09.26

Time On Btm:

Time Off Btm:

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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)
20.00	Mud	0.15
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	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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FLUID SUMMARY

Vess Oil Corporation

13-10s-17w Rooks

1700 Waterfront Pkwy

Comeau B #1

Bldg 500

Job Ticket: 63086

DST#: 2

Wichita Ks 67206-6619

Test Start: 2017.09.25 @ 00:20:38

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:

54000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.73 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud	0.147
60.00	MW 25%M75%W w/show of oil	0.441

Total Length: 80.00 ft

Total Volume: 0.588 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: slid tool approx. 10' to bottom fter tool opened

RW .15@65F

sample betw een tool 45%M55%W w/show of oil

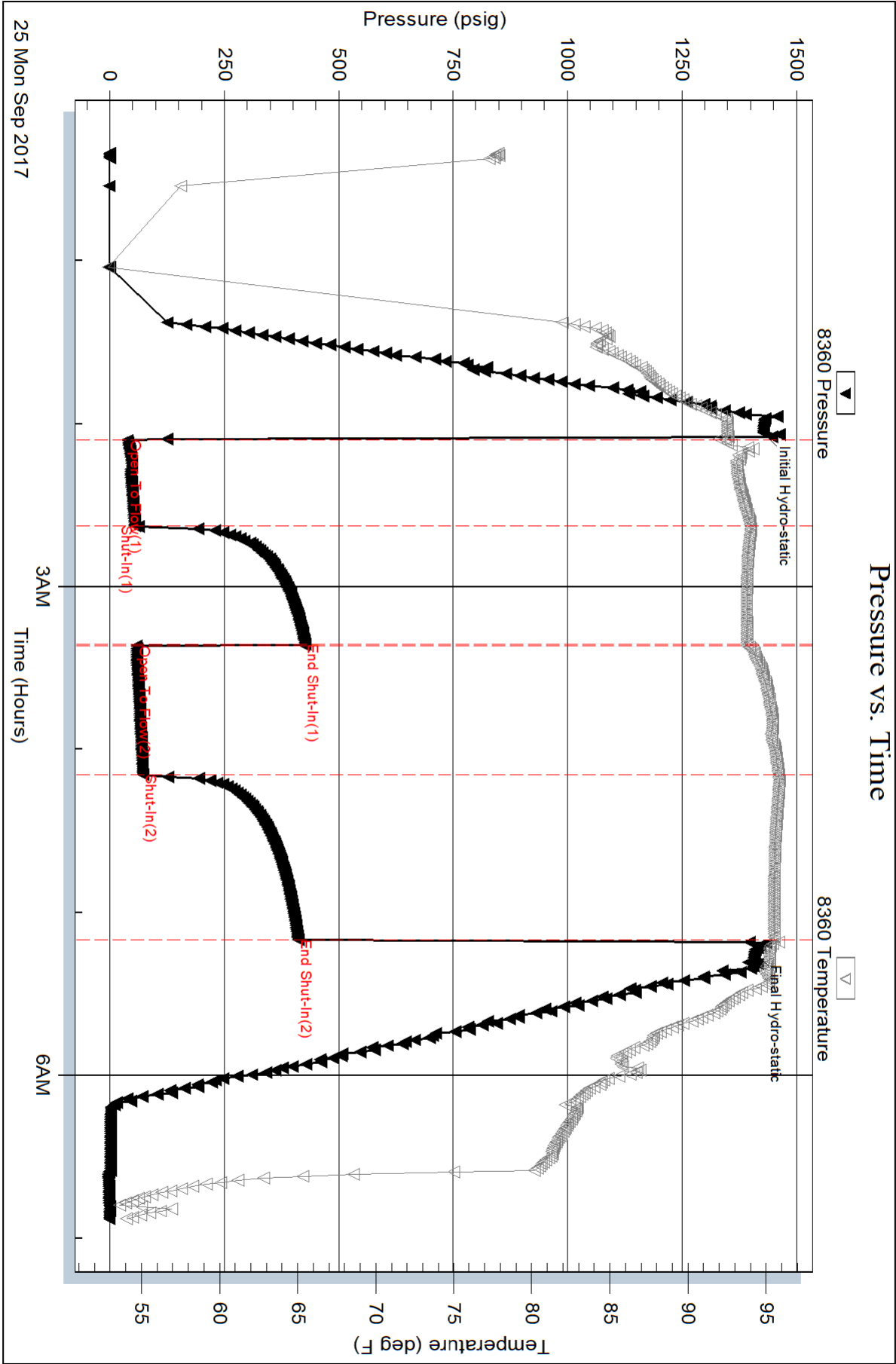
Serial #: 8360

Inside

Vess Oil Corporation

Comeau B #1

DST Test Number: 2



Serial #: 8673

Outside Vess Oil Corporation

Comeau B #1

DST Test Number: 2

