



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vess Oil Corporation

12/26S/4E Butler, KS

1700 N. Waterfront Parkw ay
 Building 500
 Wichita, KS. 67206-6619
 ATTN: Dylan Klaus/Roger Ma

Enyart A #107

Job Ticket: 63948

DST#: 1

Test Start: 2019.08.18 @ 06:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:54:00

Time Test Ended: 14:04:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Jimmy Ricketts

Unit No: 65

Interval: 2314.00 ft (KB) To 2380.00 ft (KB) (TVD)

Reference Elevations: 1412.00 ft (KB)

Total Depth: 2380.00 ft (KB) (TVD)

1403.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 9.00 ft

Serial #: 8369

Press@RunDepth: 477.69 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.08.18

End Date: 2019.08.18

Last Calib.: 1899.12.30

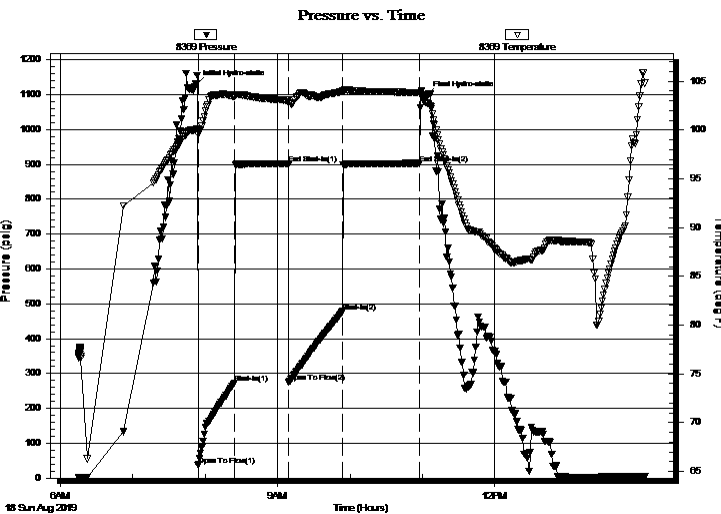
Start Time: 06:15:01

End Time: 14:04:10

Time On Btm: 2019.08.18 @ 07:52:30

Time Off Btm: 2019.08.18 @ 11:03:20

TEST COMMENT: IF -Weak blow building to strong blow 4 minutes into initial flow period. Continuing to build to 81 inches.
 FF - Weak blow building to strong blow 5 minutes into final flow period. Continuing to build to 129 inches.



PRESSURE SUMMARY

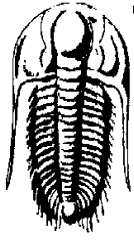
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1128.28	100.07	Initial Hydro-static
2	36.15	99.52	Open To Flow (1)
32	273.48	103.43	Shut-In (1)
77	902.04	103.04	End Shut-In (1)
77	275.44	102.81	Open To Flow (2)
122	477.69	103.95	Shut-In (2)
185	902.80	103.80	End Shut-In (2)
191	1096.14	102.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
375.00	O&HMCW 6%O 71%W & 23%M	3.03
565.00	O&HWCM 10%O 38%W & 52%M	7.93
100.00	SO&SWCM 2%O 1% W & 97%M	1.40

Gas Rates

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



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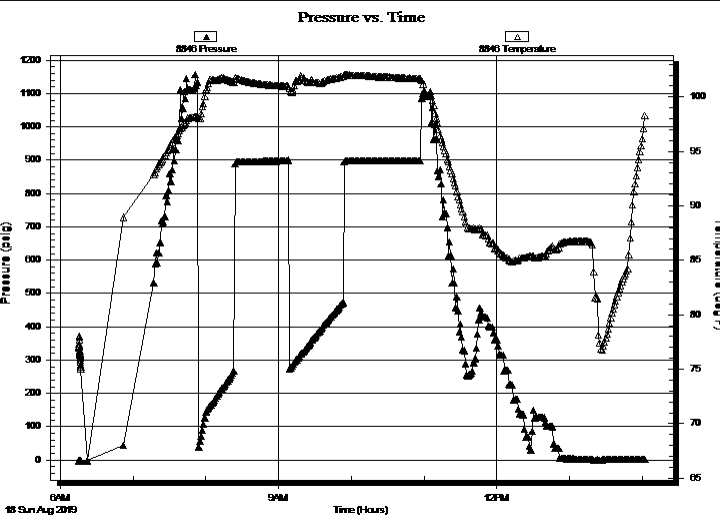
12/26S/4E Butler, KS
Enyart A #107
 Job Ticket: 63948 **DST#: 1**
 Test Start: 2019.08.18 @ 06:15:00

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 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 07:54:00 Tester: Jimmy Ricketts
 Time Test Ended: 14:04:09 Unit No: 65
 Interval: **2314.00 ft (KB) To 2380.00 ft (KB) (TVD)** Reference Elevations: 1412.00 ft (KB)
 Total Depth: 2380.00 ft (KB) (TVD) 1403.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 9.00 ft

Serial #: 8846 Inside
 Press@RunDepth: psig @ 2340.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.08.18 End Date: 2019.08.18 Last Calib.: 1899.12.30
 Start Time: 06:15:01 End Time: 14:03:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF - Weak blow building to strong blow 4 minutes into initial flow period. Continuing to build to 81 inches.
 FF - Weak blow building to strong blow 5 minutes into final flow period. Continuing to build to 129 inches.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
375.00	O&HMCW 6%O 71%W & 23%M	3.03
565.00	O&HWCM 10%O 38%W & 52%M	7.93
100.00	SO&SWCM 2%O 1% W & 97%M	1.40

Gas Rates

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



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FLUID SUMMARY

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12/26S/4E Butler, KS

1700 N. Waterfront Parkw ay
Building 500
Wichita, KS. 67206-6619
ATTN: Dylan Klaus/Roger Ma

Enyart A #107

Job Ticket: 63948

DST#: 1

Test Start: 2019.08.18 @ 06:15:00

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:

9000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
375.00	O&HMCW 6%O 71%W &23%M	3.028
565.00	O&HWCM 10%O 38%W & 52%M	7.925
100.00	SO&SWCM 2%O 1% W & 97%M	1.403

Total Length: 1040.00 ft Total Volume: 12.356 bbl

Num Fluid Samples: 0

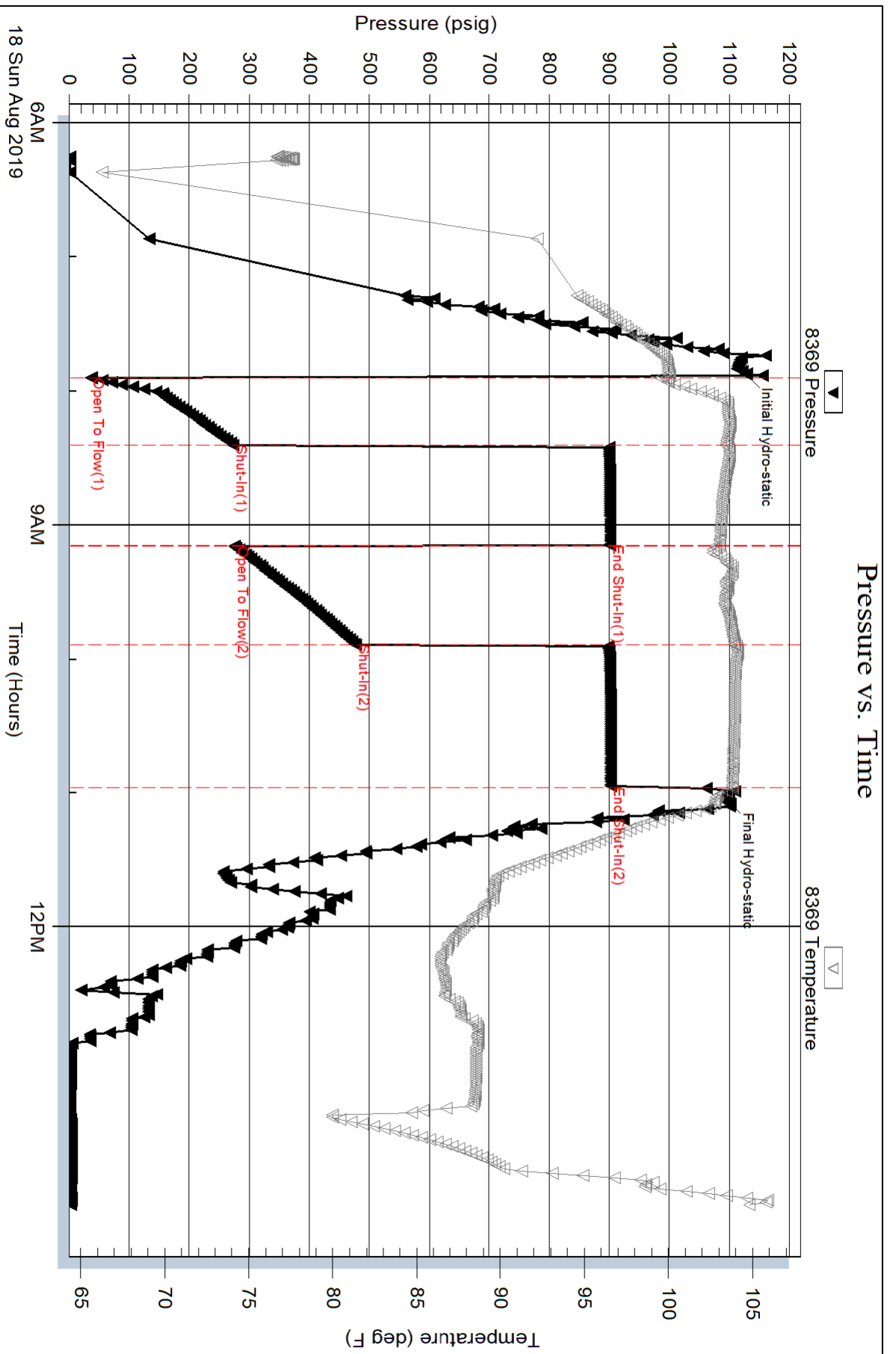
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8846

Inside

Vess Oil Corporation

Enyart A #107

DST Test Number: 1

