



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Vess Oil Corp.
 1700 Waterfront Parkway
 Building 500
 Wichit, KS 67206
 ATTN: Casey Coats/Roger Ma

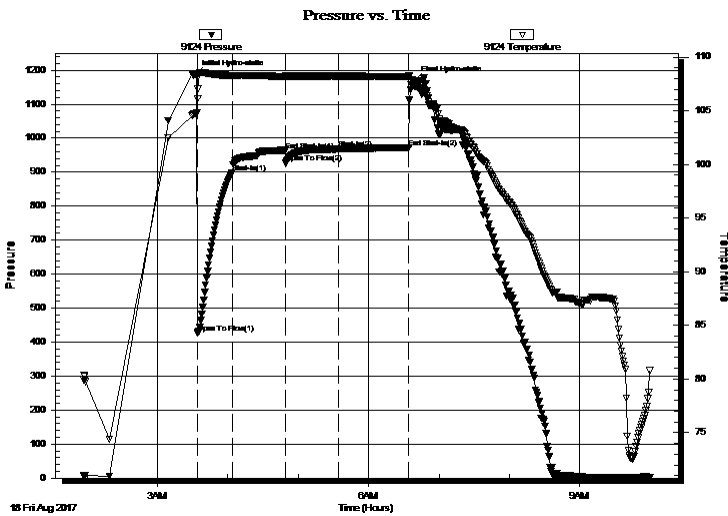
21/25S/5E Butler, KS
Chesney A #241
 Job Ticket: 63589 **DST#: 5**
 Test Start: 2017.08.18 @ 01:57:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 03:34:20 Tester: Jimmy Ricketts
 Time Test Ended: 09:59:30 Unit No: 80
 Interval: **2492.00 ft (KB) To 2499.00 ft (KB) (TVD)** Reference Elevations: 1353.00 ft (KB)
 Total Depth: 2499.00 ft (KB) (TVD) 1347.00 ft (CF)
 Hole Diameter: 6.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 9124 Inside
 Press@RunDepth: 968.08 psig @ 2493.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.08.18 End Date: 2017.08.18 Last Calib.: 2017.08.18
 Start Time: 01:57:05 End Time: 09:59:29 Time On Btm: 2017.08.18 @ 03:32:40
 Time Off Btm: 2017.08.18 @ 06:38:39

TEST COMMENT: IF - Strong blow throughout initial flow period.
 FF - Strong blow throughout final flow period. Blow stopped at 22 minutes into final flow period.
 TS - Oil and mud cut w ater 5% Oil, 82% Water, and 13% Mud.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1187.06	104.76	Initial Hydro-static
2	425.81	106.10	Open To Flow (1)
31	898.87	108.28	Shut-In(1)
76	964.22	108.19	End Shut-In(1)
77	926.44	108.18	Open To Flow (2)
122	968.08	108.24	Shut-In(2)
182	972.96	108.17	End Shut-In(2)
186	1168.96	107.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1855.00	Oil & mud cut w ater 2%O 95%W & 3%M	18.71
125.00	Tr O heavy M cut W 61%W & 39%M	1.35
185.00	Oil & heavy W cut M 1%O 25%W & 74%M	12.00
0.00	TS - O & M cut W 5%O 82%W & 13%M	0.00

Gas Rates

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



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FLUID SUMMARY

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Chesney A #241
Job Ticket: 63589 **DST#: 5**
Test Start: 2017.08.18 @ 01:57:00

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:	21000 ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.09 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1580.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1855.00	Oil & mud cut water 2%O 95%W & 3%M	18.705
125.00	Tr O heavy M cut W 61%W & 39%M	1.355
185.00	Oil & heavy W cut M 1%O 25%W & 74%M	2.005
0.00	TS - O & M cut W 5%O 82%W & 13%M	0.000

Total Length: 2165.00 ft Total Volume: 22.065 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 9124

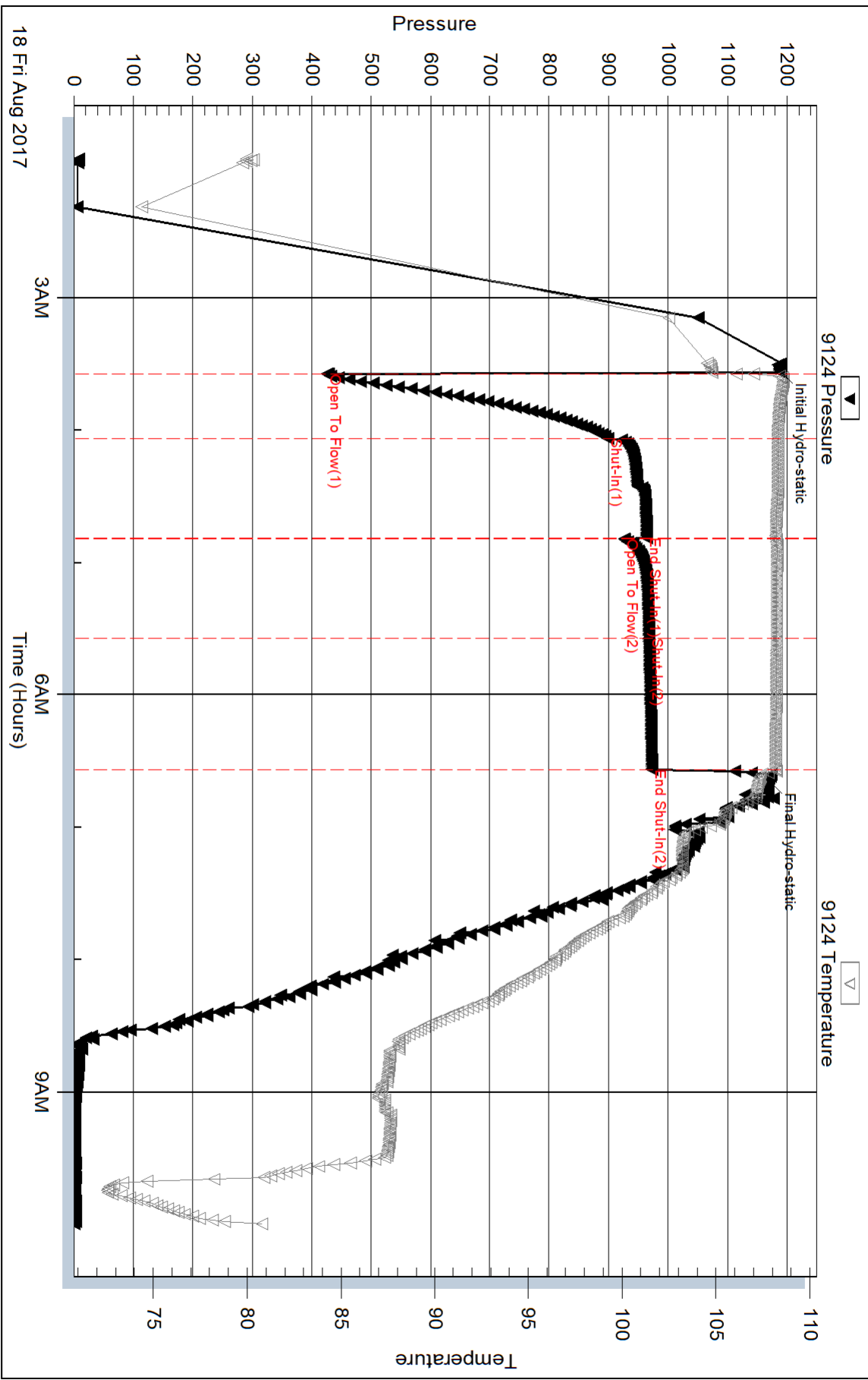
Inside

Vess Oil Corp.

Chesney A #241

DST Test Number: 5

Pressure vs. Time



Serial #: 8679

Outside

Vess Oil Corp.

Chesney A #241

DST Test Number: 5

