



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

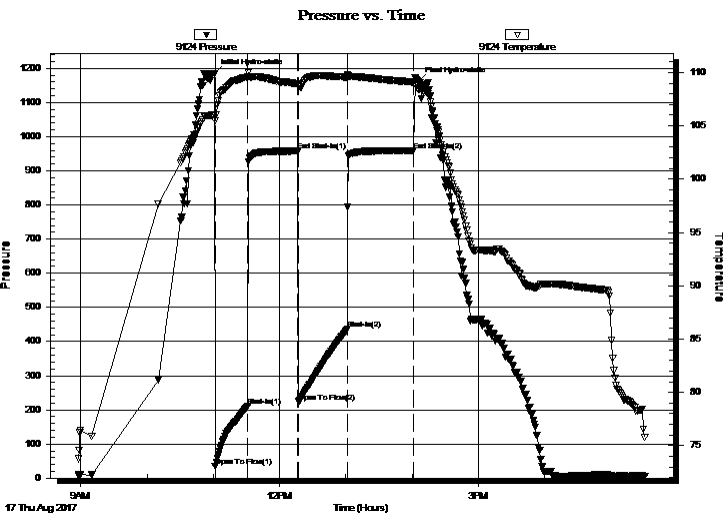
21/25S/5E Butler, KS
Chesney A #241
 Job Ticket: 63588 **DST#: 4**
 Test Start: 2017.08.17 @ 08:58:00

GENERAL INFORMATION:

Formation: **Bsl Simpson Sand & A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:01:40
 Time Test Ended: 17:31:30
 Interval: **2474.00 ft (KB) To 2493.00 ft (KB) (TVD)**
 Total Depth: 2493.00 ft (KB) (TVD)
 Hole Diameter: 6.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Jimmy Ricketts
 Unit No: 80
 Reference Elevations: 1353.00 ft (KB)
 1347.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 9124 Inside
 Press@RunDepth: 436.54 psig @ 2475.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.08.17 End Date: 2017.08.17 Last Calib.: 1899.12.30
 Start Time: 08:58:05 End Time: 17:31:30 Time On Btm: 2017.08.17 @ 11:00:50
 Time Off Btm: 2017.08.17 @ 14:05:20

TEST COMMENT: IF - Weak blow building to strong blow 5 minutes into initial flow period.
 FF - Weak blow building to strong blow 5 minutes into final flow period.
 TS - Oil and mud cut water 1% oil, 95% water & 4% mud.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1183.65	106.00	Initial Hydro-static
1	35.16	105.50	Open To Flow (1)
31	210.80	109.56	Shut-In(1)
76	957.86	108.92	End Shut-In(1)
77	223.68	108.69	Open To Flow (2)
121	436.54	109.55	Shut-In(2)
181	959.69	109.09	End Shut-In(2)
185	1160.50	108.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
575.00	Tr Oil & mud cut w ater tr O 95%W & 5%M	4.83
370.00	O & heavy M cut W 5%O 53%W & 42%M	4.01
10.00	Clean oil 100% O	0.11
0.00	TS O & M cut W 1%O 95%W & 4%M	0.00

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36.6 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 26000 ppm
Viscosity: 57.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.29 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1200.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
575.00	Tr Oil & mud cut water tr O 95%W & 5%M	4.834
370.00	O & heavy M cut W 5%O 53%W & 42%	4.010
10.00	Clean oil 100% O	0.108
0.00	TS O & M cut W 1%O 95%W & 4%M	0.000

Total Length: 955.00 ft Total Volume: 8.952 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

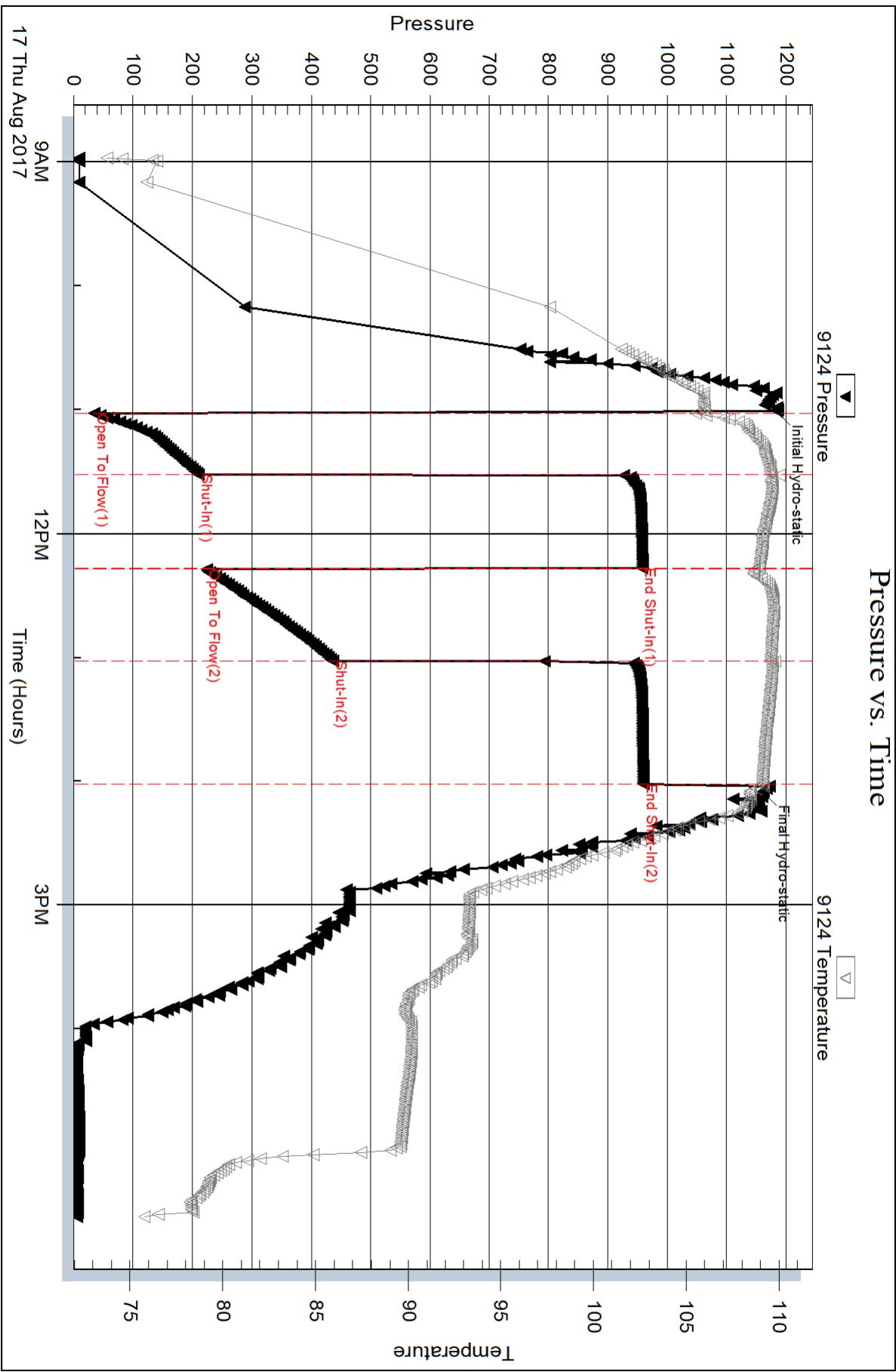
Serial #: 9124

Inside

Vess Oil Corp.

Chesney A #241

DST Test Number: 4



Serial #: 8679

Outside Vess Oil Corp.

Chesney A #241

DST Test Number: 4

