

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Vess Oil Corporation
1700 Waterfront PKWY
BLDG 500
Wichita KS 67206
ATTN: Roger Martin

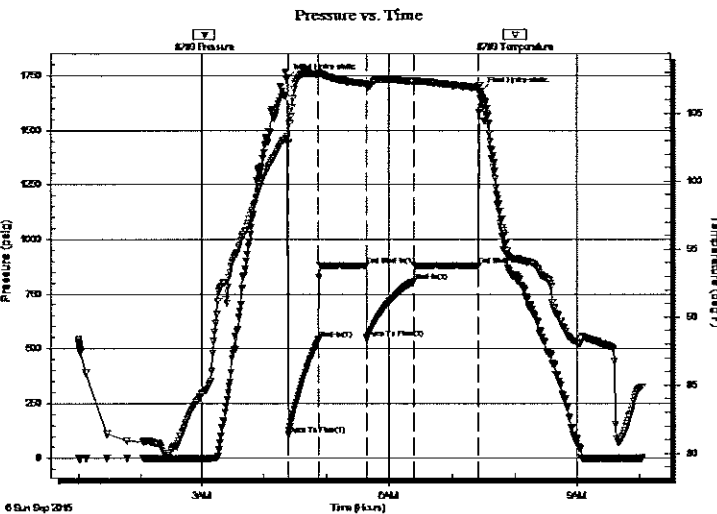
22-11s-17w, Ellis, KS
Jennie Johansen #10
Job Ticket: 64722 DST#: 1
Test Start: 2015.09.06 @ 01:00:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:23:45
Time Test Ended: 10:03:00
Interval: **3385.00 ft (KB) To 3429.00 ft (KB) (TVD)**
Total Depth: **3429.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Brett Dickinson
Unit No: 81
Reference Elevations: 1967.00 ft (KB)
1962.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8789 Inside
Press@RunDepth: 807.42 psig @ 3387.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2015.09.06 End Date: 2015.09.06 Last Calib.: 2015.09.06
Start Time: 01:00:02 End Time: 10:03:00 Time On Btm: 2015.09.06 @ 04:23:00
Time Off Btm: 2015.09.06 @ 07:27:45

TEST COMMENT: 30min IF-BOB in 2min
45min ISI-No Blow
45min FF-BOB in 3 1/2min
60min FSI-No Blow



PRESSURE SUMMARY

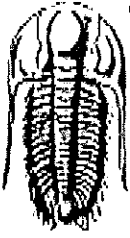
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1737.13	103.26	Initial Hydro-static
1	105.18	102.80	Open To Flow (1)
30	542.82	107.85	Shut-In(1)
76	881.35	107.18	End Shut-In(1)
76	544.84	107.06	Open To Flow (2)
121	807.42	107.37	Shut-In(2)
183	881.37	106.91	End Shut-In(2)
185	1677.63	106.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
415.00	MCW 10%M 90%W	5.82
120.00	VSOMCW 5%O 10%M 85%W	1.68
180.00	SOMCW 10%O 10%M 80%W	2.52
365.00	VSOMCW 5%O 15%M 80%W	5.12
305.00	VSOMCW 5%O 30%M 65%W	4.28
305.00	VSOMCW 5%O 20%M 75%W	4.28

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 64722 DST#: 1

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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:	39000 ppm
Viscosity: 55.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
415.00	MCW 10%M 90%W	5.821
120.00	VSOMCW 5%O 10%M 85%W	1.683
180.00	SOMCW 10%O 10%M 80%W	2.525
365.00	VSOMCW 5%O 15%M 80%W	5.120
305.00	VSOMCW 5%O 30%M 65%W	4.278
305.00	VSOMCW 5%O 20%M 75%W	4.278
60.00	VSOMCW 5%O 10%M 85%W	0.842

Total Length: 1750.00 ft Total Volume: 24.547 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Dylan Klaus dklaus@Vessoil.com
Paul Ramondetta pramondetta@aol.com
Roger Martin rogermartingeo@yahoo.com

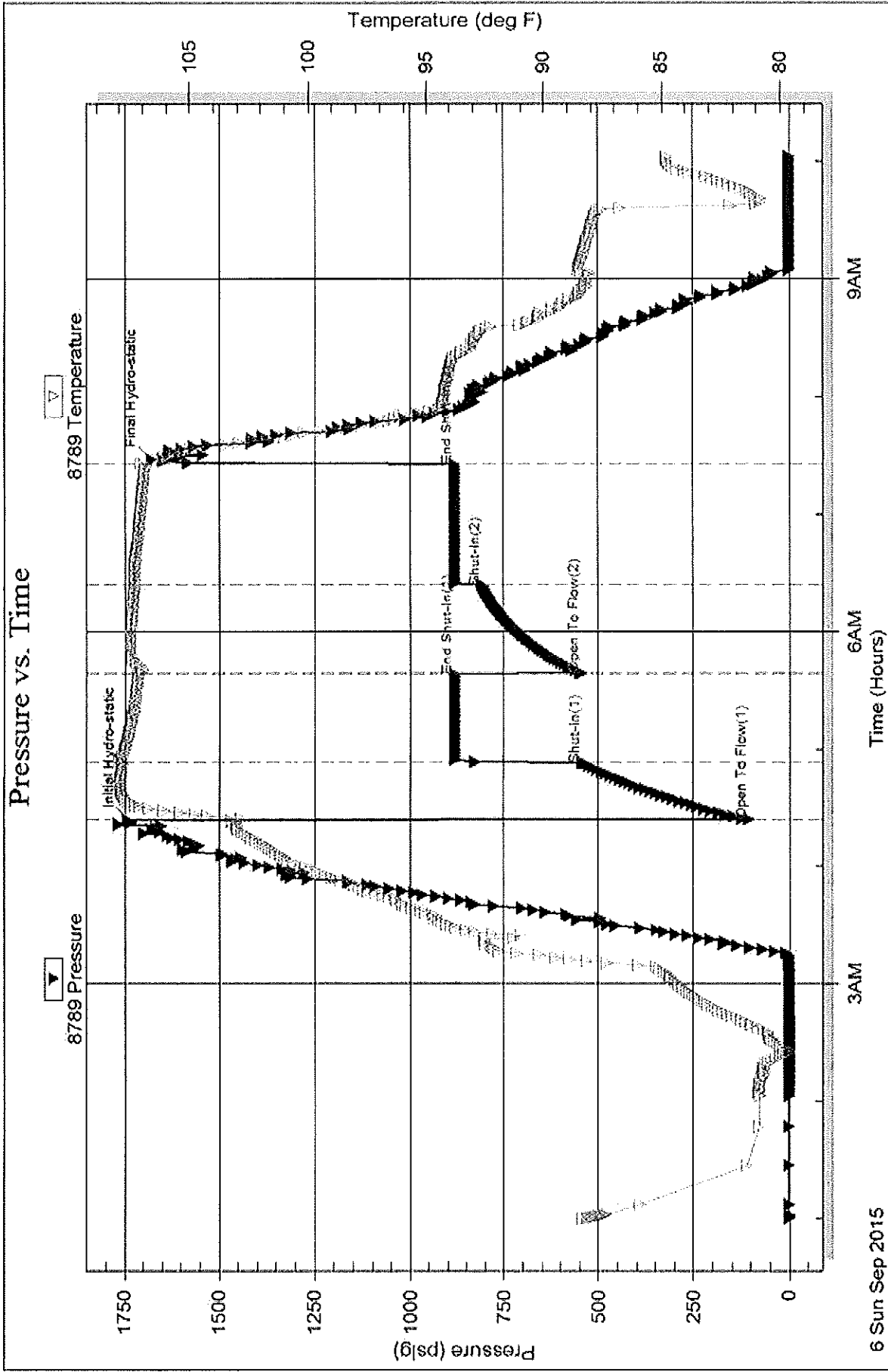
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Inside

Vess Oil Corporation

Jennie Johansen #10

DST Test Number: 1



Tribotite Testing, Inc

Ref. No: 64722

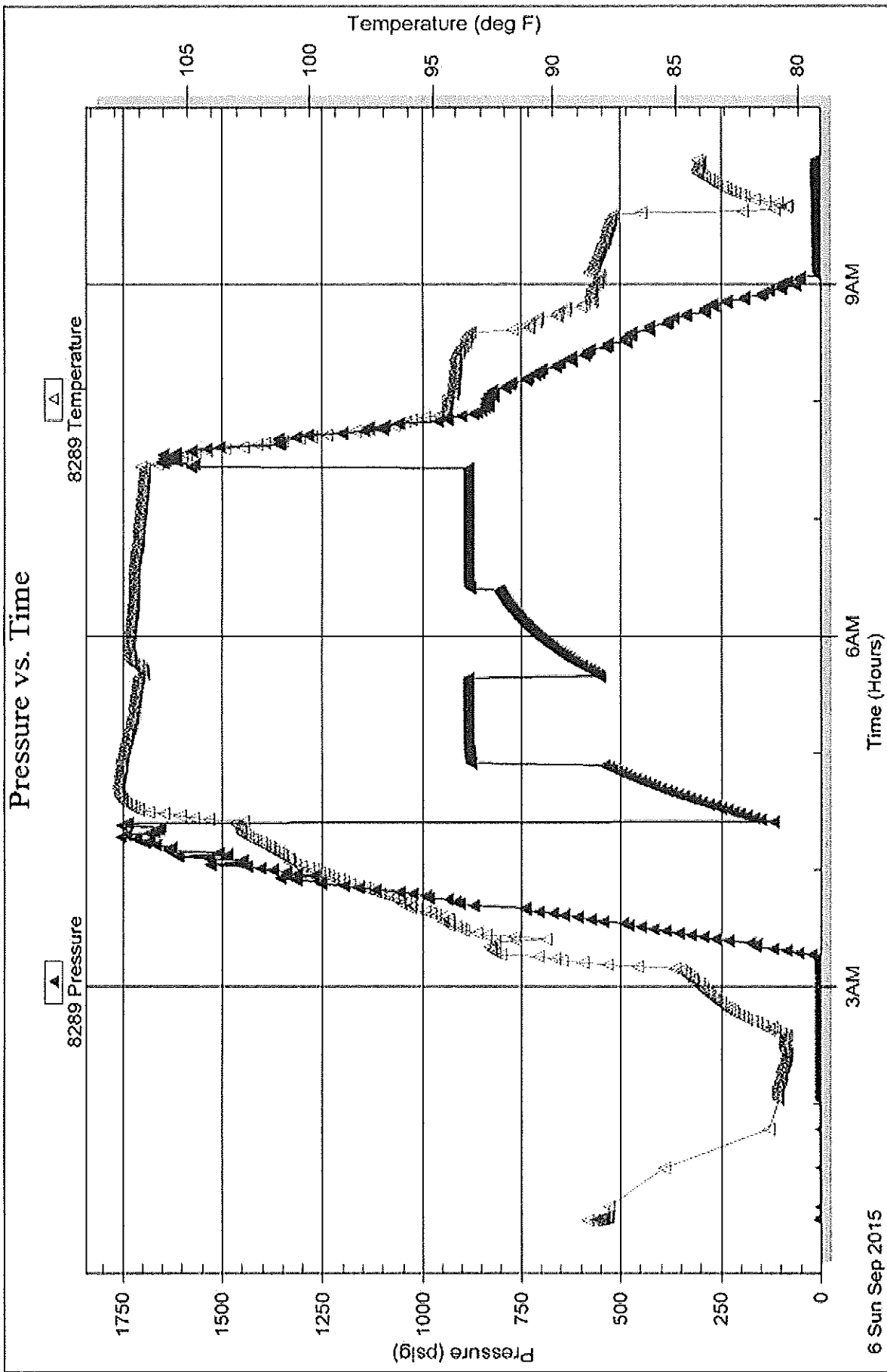
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Serial #: 8289

Outside Vess Oil Corporation

Jennie Johansen #10

DST Test Number: 1



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