



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Shakespeare Oil Co.
202 West Main St.
Salem IL
62881
ATTN: Mark Herdon

25-16-34 Scott Co. KS

Caron 2-25

Job Ticket: 56743

DST#: 1

Test Start: 2014.02.09 @ 11:18:15

GENERAL INFORMATION:

Formation: **Lansing A-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:04:00

Time Test Ended: 19:32:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 65

Interval: 4025.00 ft (KB) To 4120.00 ft (KB) (TVD)

Total Depth: 4120.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3109.00 ft (KB)

3099.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8846

Inside

Press @ Run Depth: 492.32 psig @ 4026.00 ft (KB)

Start Date: 2014.02.09

End Date: 2014.02.09

Start Time: 11:18:15

End Time: 19:32:45

Capacity: 8000.00 psig

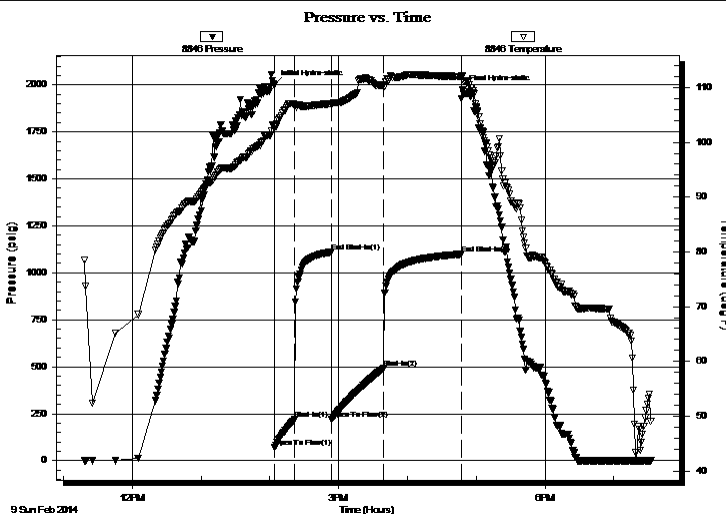
Last Calib.: 2014.02.09

Time On Btm: 2014.02.09 @ 14:03:45

Time Off Btm: 2014.02.09 @ 16:48:15

TEST COMMENT: IF:BOB in 4 min.
IS:No return blow
FF:BOB in 4 min.
FS:No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1999.05	103.14	Initial Hydro-static
1	69.83	102.45	Open To Flow (1)
18	219.64	106.82	Shut-In(1)
50	1110.00	107.05	End Shut-In(1)
51	220.83	106.86	Open To Flow (2)
96	492.32	110.42	Shut-In(2)
163	1098.91	112.02	End Shut-In(2)
165	1973.01	112.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	mud 100% m	4.35
248.00	mcw 40% m 60%w	3.48
434.00	mcw 10% m 90%w	6.09

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 56743

DST#: 1

Test Start: 2014.02.09 @ 11:18:15

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 56.00 sec/qt
Water Loss: 7.19 in³
Resistivity: 0.00 ohm.m
Salinity: 4000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 13000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	mud 100% m	4.348
248.00	mcw 40% m 60%w	3.479
434.00	mcw 10% m 90%w	6.088

Total Length: 992.00 ft Total Volume: 13.915 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .461 @ 78.3= 13,000 ppm

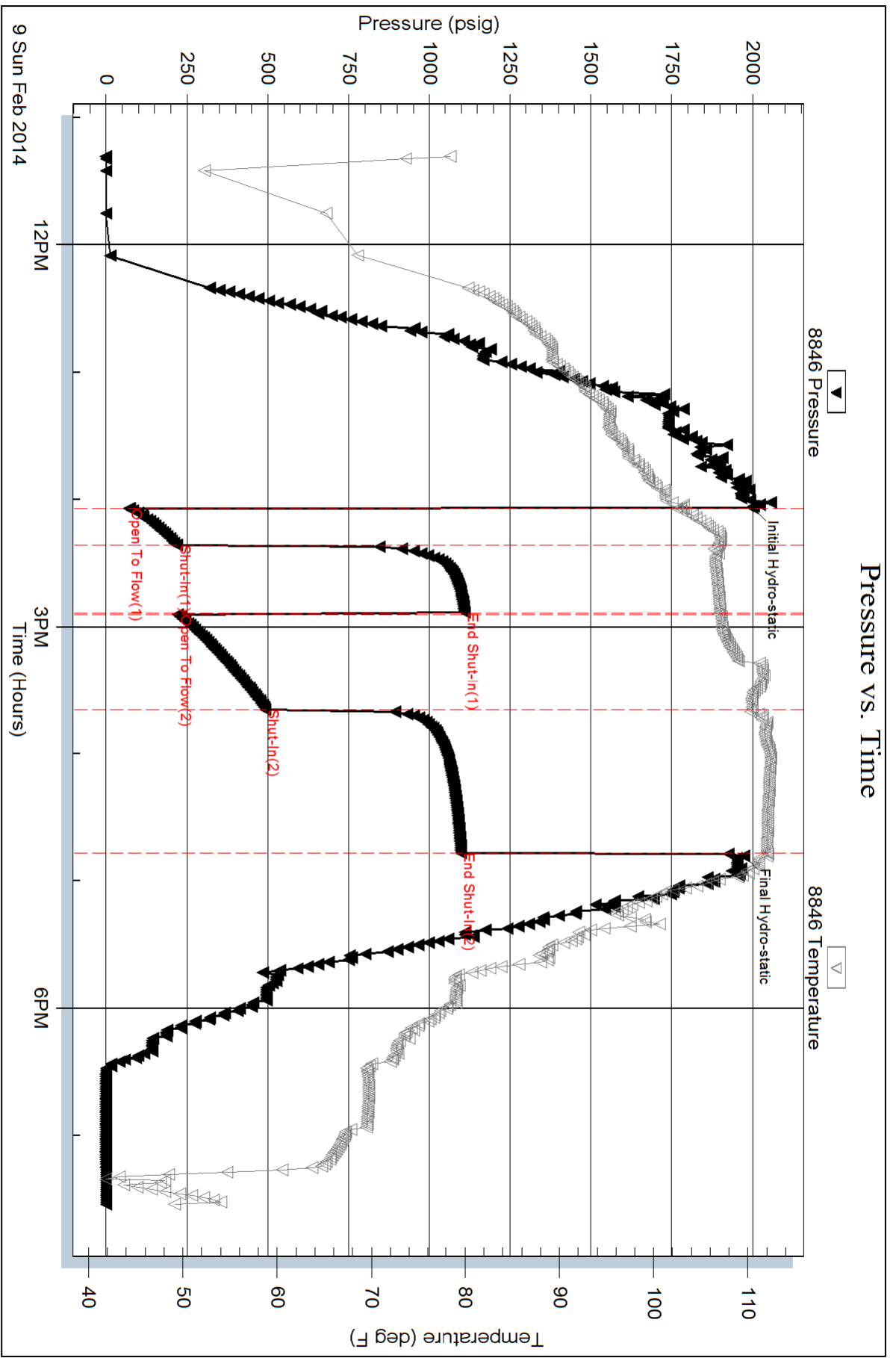
Serial #: 8846

Inside

Shakespeare Oil Co.

Caron 2-25

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 56743

Printed: 2014.02.10 @ 00:58:34