



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Daystar Petroleum, Inc.

19/7S/12E-Pottawatomie

P.O. Box 560
Eureka, KS 67045

Pfrang #1-19

Job Ticket: 44209

DST#: 3

ATTN: Matt Osborn

Test Start: 2011.11.13 @ 18:04:15

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:14:15

Time Test Ended: 05:41:45

Test Type: Conventional Straddle (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 3155.00 ft (KB) To 3165.00 ft (KB) (TVD)

Reference Elevations: 1304.00 ft (KB)

Total Depth: 3398.00 ft (KB) (TVD)

1294.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8354

Inside

Press @ Run Depth: 166.42 psig @ 3156.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.13

End Date:

2011.11.14

Last Calib.:

2011.11.14

Start Time: 18:14:15

End Time:

05:41:45

Time On Btm:

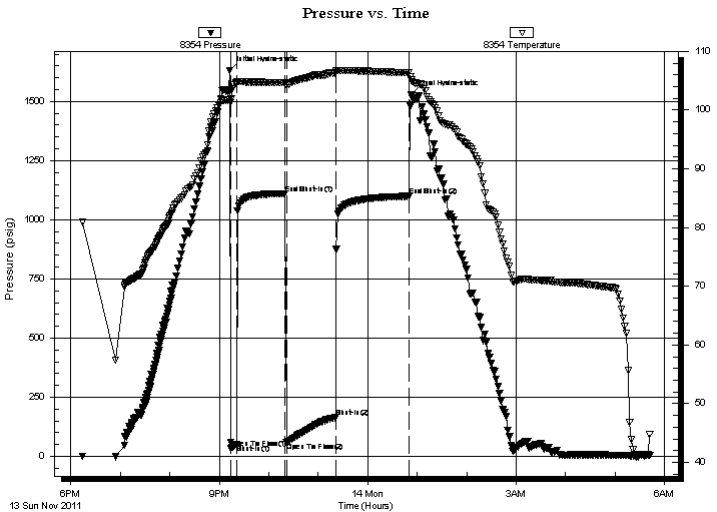
2011.11.13 @ 21:12:15

Time Off Btm:

2011.11.14 @ 00:52:45

TEST COMMENT: IF-Weak building blow . Built to 4 inches.
ISI-No Return.
FF-Weak building blow . BOB in 37 minutes.
FSI-No Return.

PRESSURE SUMMARY



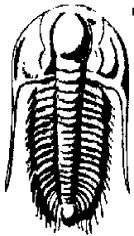
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1631.15	101.77	Initial Hydro-static
2	32.62	101.86	Open To Flow (1)
9	51.89	104.57	Shut-In(1)
68	1110.49	104.67	End Shut-In(1)
69	57.24	104.25	Open To Flow (2)
129	166.42	106.34	Shut-In(2)
218	1099.81	106.35	End Shut-In(2)
221	1529.14	105.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	10%Oil/90%Mud	0.37
300.00	100%Oil	1.51

Gas Rates

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



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19/7S/12E-Pottawatomie
Pfrang #1-19
 Job Ticket: 44209 **DST#: 3**
 Test Start: 2011.11.13 @ 18:04:15

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:14:15

Time Test Ended: 05:41:45

Interval: 3155.00 ft (KB) To 3165.00 ft (KB) (TVD)

Total Depth: 3398.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Initial)

Tester: Dustin Rash

Unit No: 38

Reference Elevations: 1304.00 ft (KB)

1294.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8653

Below (Straddle)

Press @ RunDepth: psig @ 3175.00 ft (KB)

Start Date: 2011.11.13 End Date: 2011.11.14

Start Time: 18:14:45 End Time: 05:38:45

Capacity: 8000.00 psig

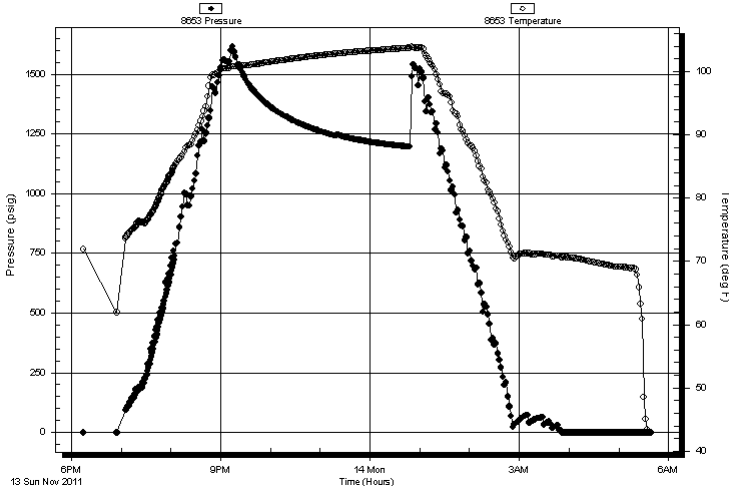
Last Calib.: 2011.11.14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Weak building blow . Built to 4 inches.
 IS-No Return.
 FF-Weak building blow . BOB in 37 minutes.
 FS-No Return.

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
75.00	10%Oil/90%Mud	0.37
300.00	100%Oil	1.51

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Daystar Petroleum, Inc.

19/7S/12E-Pottawatomie

P.O. Box 560
Eureka, KS 67045

Pfrang #1-19

Job Ticket: 44209

DST#: 3

ATTN: Matt Osborn

Test Start: 2011.11.13 @ 18:04:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	10%Oil/90%Mud	0.369
300.00	100%Oil	1.510

Total Length: 375.00 ft

Total Volume: 1.879 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

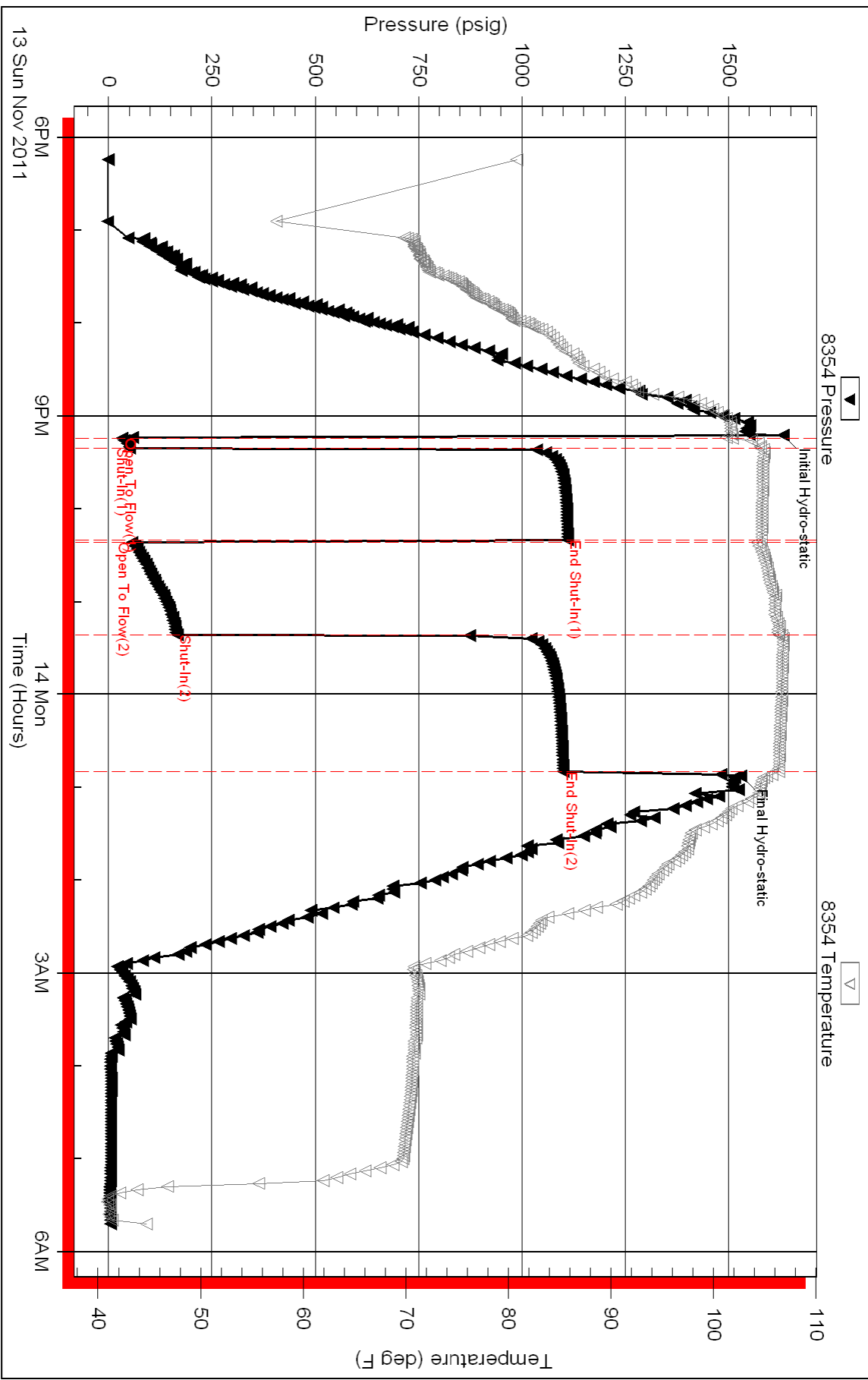
Inside

Daystar Petroleum, Inc.

Pfrang #1-19

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 44209

Printed: 2011.11.14 @ 08:39:53

