



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: 44208

DST#: 2

ATTN: Matt Osborn

Test Start: 2011.11.12 @ 08:38:15

GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:33:45

Time Test Ended: 18:12:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

Interval: 3289.00 ft (KB) To 3320.00 ft (KB) (TVD)

Reference Elevations: 1304.00 ft (KB)

Total Depth: 3320.00 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: 188.86 psig @ 3292.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.12

End Date:

2011.11.12

Last Calib.:

2011.11.12

Start Time: 08:48:15

End Time:

18:12:45

Time On Btm:

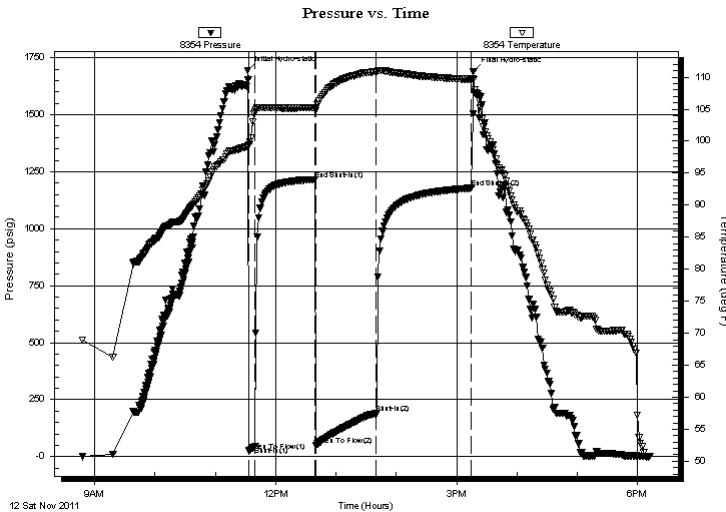
2011.11.12 @ 11:32:15

Time Off Btm:

2011.11.12 @ 15:16:45

TEST COMMENT: IF-Weak building blow . Built to 3 inches.
ISI-No Return.
FF-Weak building blow . BOB in 43 minutes.
FSI-No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.62	99.15	Initial Hydro-static
2	25.18	99.45	Open To Flow (1)
8	44.20	104.61	Shut-In(1)
67	1215.78	105.22	End Shut-In(1)
68	48.25	104.79	Open To Flow (2)
128	188.86	110.90	Shut-In(2)
223	1178.19	109.65	End Shut-In(2)
225	1688.69	109.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
225.00	85%Water/15%Mud	1.11
90.00	70%Water/30%Mud	0.44
70.00	40%Water/60%Mud	0.35

Gas Rates

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



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FLUID SUMMARY

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DST#: 2

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Test Start: 2011.11.12 @ 08:38:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

13500 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.64 ohm.m

Gas Cushion Pressure:

psig

Salinity: 400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
225.00	85%Water/15%Mud	1.107
90.00	70%Water/30%Mud	0.443
70.00	40%Water/60%Mud	0.355

Total Length: 385.00 ft

Total Volume: 1.905 bbl

Num Fluid Samples: 0

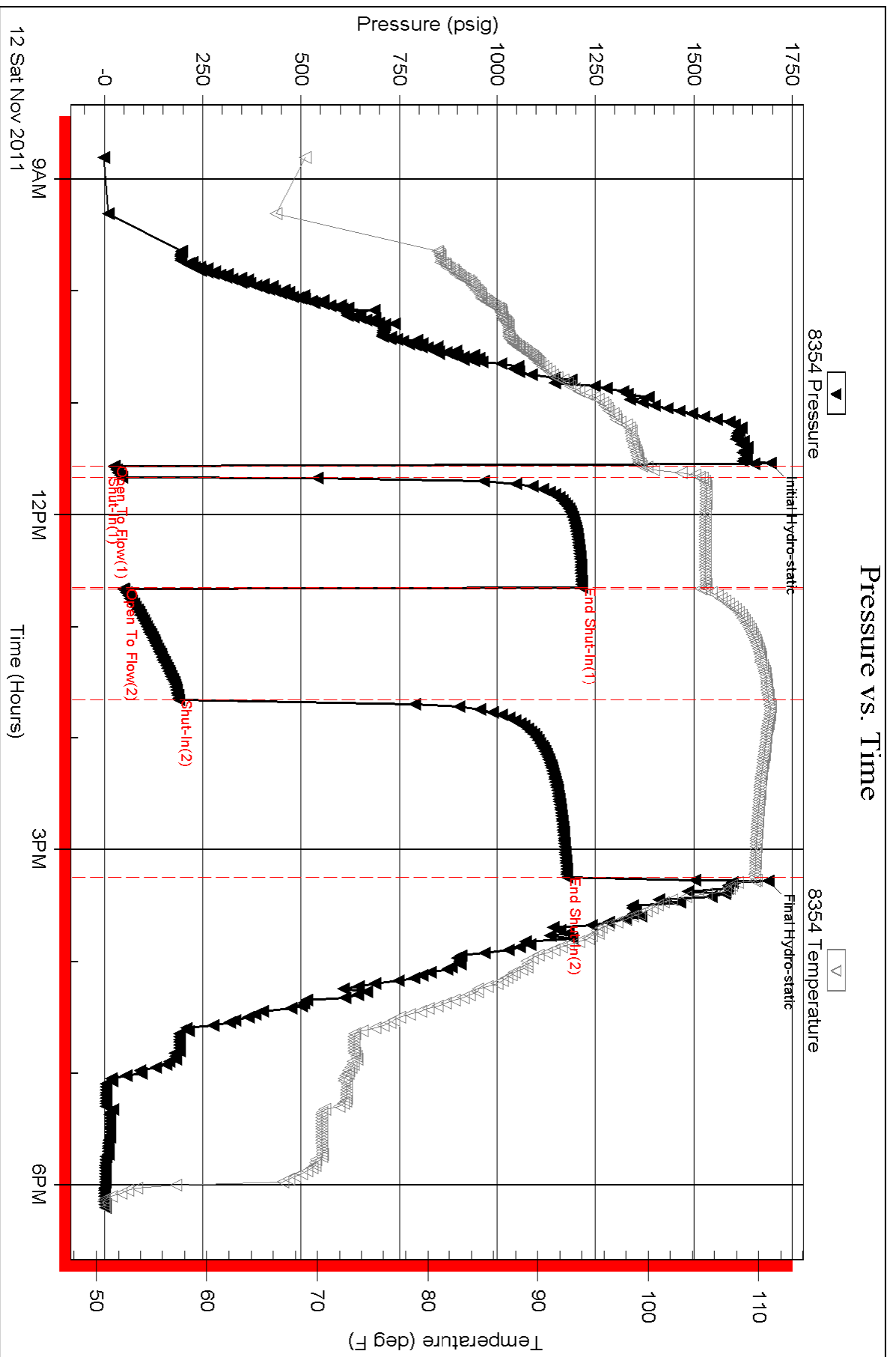
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8520

Outside Daystar Petroleum, Inc.

Frang #1-19

DST Test Number: 2

