



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating CO LLC

23-34s-11w

125 N Market STE 1000
Wichita KS 67202

Diel F #2

Job Ticket: 47556

DST#: 1

ATTN: Dean Pattisson/Scott

Test Start: 2012.06.11 @ 18:13:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:16:45

Time Test Ended: 05:18:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Chris Staats

Unit No: 47

Interval: 4551.00 ft (KB) To 4696.00 ft (KB) (TVD)

Reference Elevations: 1340.00 ft (KB)

Total Depth: 4696.00 ft (KB) (TVD)

1327.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6773 Outside

Press @ Run Depth: 60.88 psig @ 4552.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.11

End Date:

2012.06.12

Last Calib.:

2012.06.12

Start Time: 18:13:05

End Time:

05:18:30

Time On Btm:

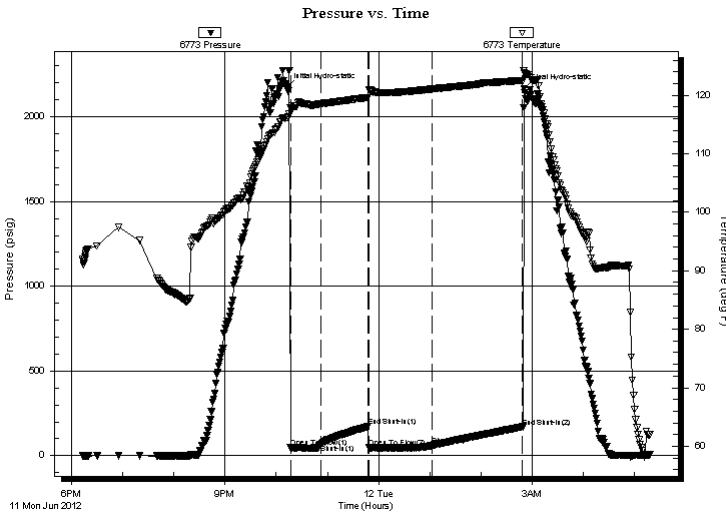
2012.06.11 @ 22:12:45

Time Off Btm:

2012.06.12 @ 02:51:00

TEST COMMENT: IF: Fair blow 5"
IS: No blow back
FF: Fair blow 5"
FS: No blow back

PRESSURE SUMMARY



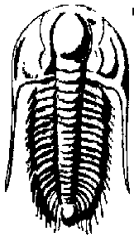
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2169.84	116.18	Initial Hydro-static
4	47.57	117.91	Open To Flow (1)
40	68.63	118.53	Shut-In(1)
95	173.41	119.63	End Shut-In(1)
97	47.98	120.97	Open To Flow (2)
170	60.88	121.06	Shut-In(2)
276	170.63	122.56	End Shut-In(2)
279	2166.91	123.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud	0.30

Gas Rates

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



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Reference Elevations: 1340.00 ft (KB)

Total Depth: 4696.00 ft (KB) (TVD)

1327.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6755 Inside

Press @ Run Depth: psig @ 4552.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.11

End Date:

2012.06.12

Last Calib.:

2012.06.12

Start Time: 18:13:05

End Time:

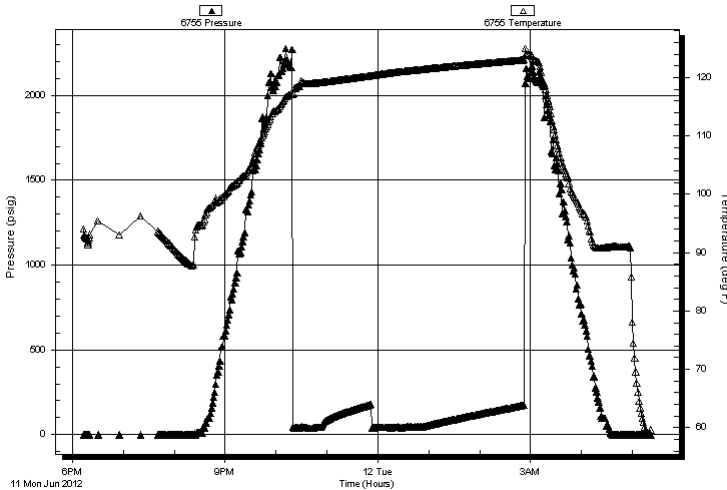
05:22:30

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Fair blow 5"
IS: No blow back
FF: Fair blow 5"
FS: No blow back

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud	0.30

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating CO LLC

23-34s-11w

125 N Market STE 1000
Wichita KS 67202

Diel F #2

Job Ticket: 47556

DST#: 1

ATTN: Dean Pattisson/Scott

Test Start: 2012.06.11 @ 18:13:00

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:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

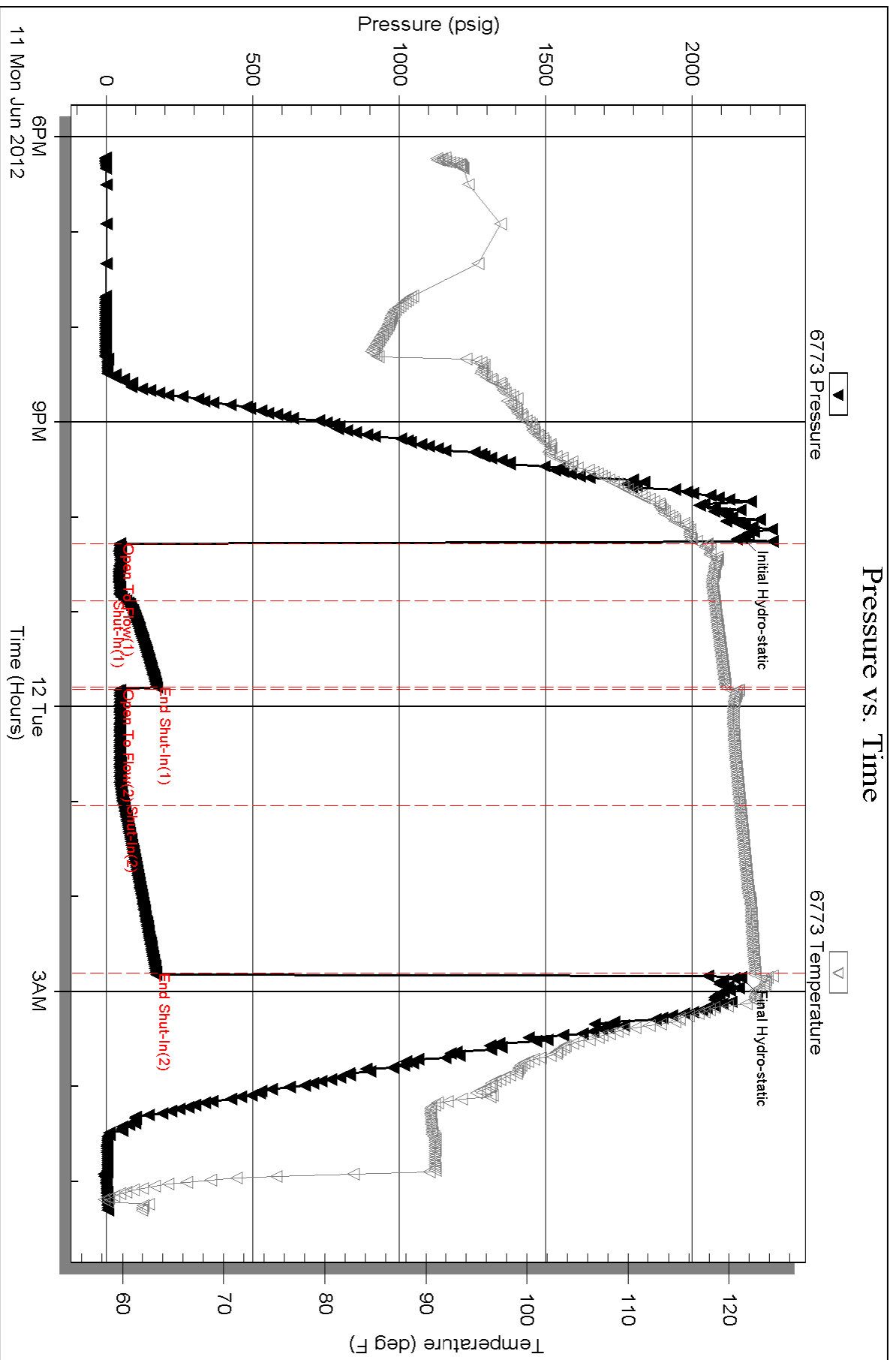
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 6755

Inside

Woodsey Operating CO LLC

Del F #2

DST Test Number: 1

Pressure vs. Time

