



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

John O Farmer

15 5s 20w Phillips KS

States A #1

Job Ticket: 47926

DST#: 1

ATTN: John, Matt, Austin

Test Start: 2012.06.17 @ 15:15:22

GENERAL INFORMATION:

Formation: **Lansing C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:40:12

Time Test Ended: 21:28:52

Test Type: Conventional Bottom Hole (Initial)

Tester: Paul Simpson

Unit No: 38

Interval: 3306.00 ft (KB) To 3332.00 ft (KB) (TVD)

Reference Elevations: 3135.00 ft (KB)

Total Depth: 3332.00 ft (KB) (TVD)

3130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8354

Inside

Press @ Run Depth: 249.93 psig @ 3309.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.17

End Date: 2012.06.17

Last Calib.: 2012.06.17

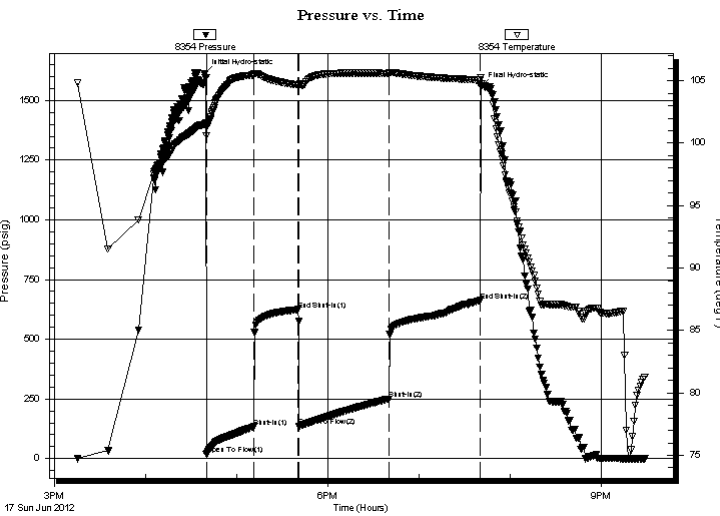
Start Time: 15:15:22

End Time: 21:28:52

Time On Btm: 2012.06.17 @ 16:38:52

Time Off Btm: 2012.06.17 @ 19:40:52

TEST COMMENT: 30- weak blow built to bottom of bucket in 20 minutes
 30- no blow
 60 surface blow building to bottom of bucket in 24 minutes
 60 no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1613.11	101.47	Initial Hydro-static
2	18.42	100.59	Open To Flow (1)
33	133.20	105.46	Shut-In(1)
62	623.89	104.67	End Shut-In(1)
63	135.41	104.63	Open To Flow (2)
122	249.93	105.60	Shut-In(2)
182	662.00	105.05	End Shut-In(2)
182	1559.14	105.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
495.00	muddy water 95% w 5% m	6.40
5.00	clean oil gravity 34	0.07
0.00	60' gas in pipe	0.00
0.00	Rw .106 @ 86== 62000	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

John O Farmer

15 5s 20w Phillips KS

States A #1

Job Ticket: 47926

DST#: 1

ATTN: John, Matt, Austin

Test Start: 2012.06.17 @ 15:15:22

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

62000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
495.00	muddy w ater 95% w 5% m	6.397
5.00	clean oil gravity 34	0.070
0.00	60' gas in pipe	0.000
0.00	Rw .106 @ 86== 62000	0.000

Total Length: 500.00 ft

Total Volume: 6.467 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

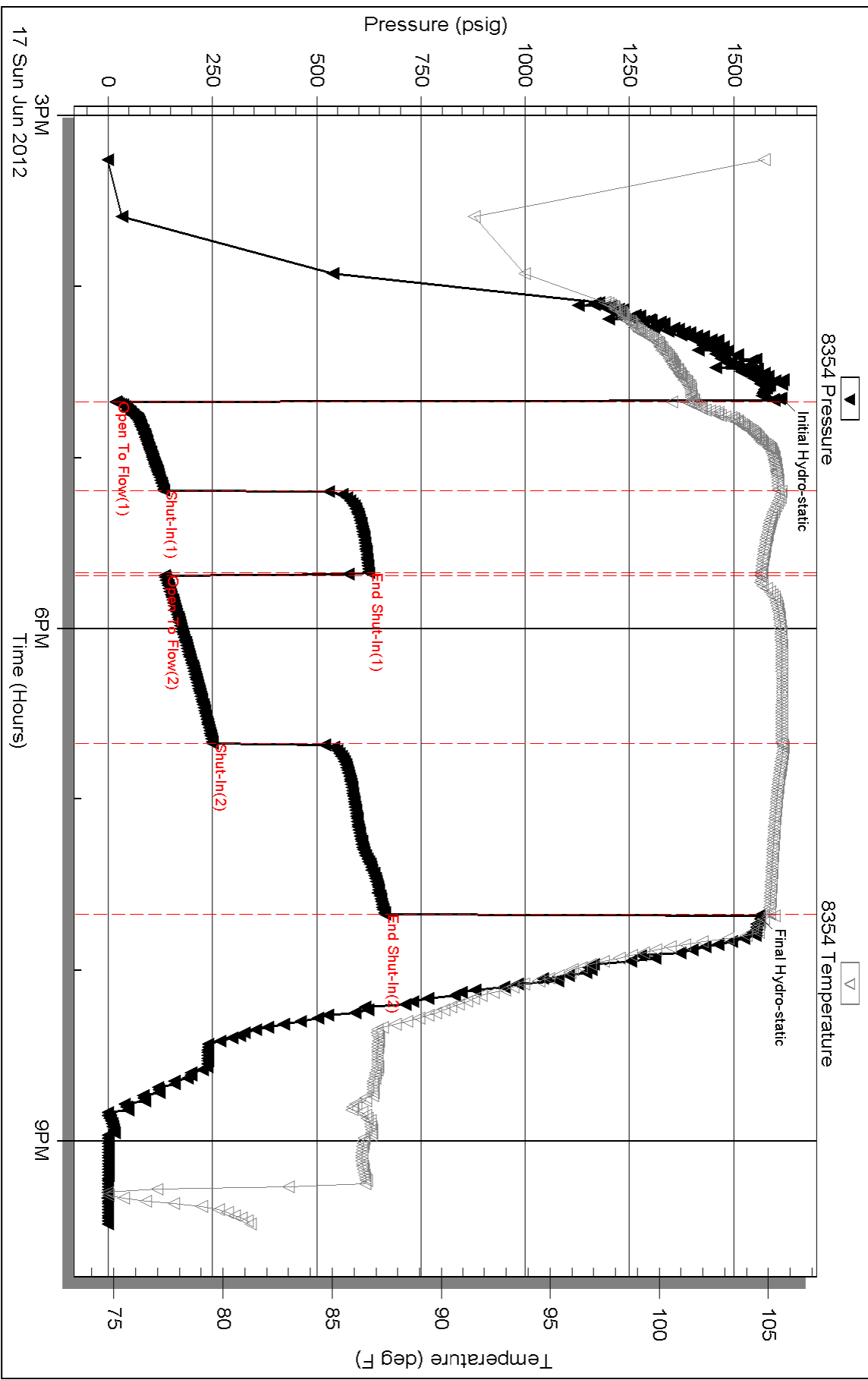
Inside

John O Farmer

States A #1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 47926

Printed: 2012.06.18 @ 03:38:33

Serial #: 8520

Outside John O Farmer

States A #1

DST Test Number: 1

