



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Caerus Ks.LLC

36-24s-13w Stafford Ks.

P.O.ox 1378
Hays Ks.67601

Harrison #36-23

Job Ticket: 47547

DST#: 3

ATTN: Roger Fisher

Test Start: 2012.06.14 @ 11:34:01

GENERAL INFORMATION:

Formation: **Lans. H & I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:37:46

Time Test Ended: 19:18:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3709.00 ft (KB) To 3750.00 ft (KB) (TVD)

Reference Elevations: 1922.00 ft (KB)

Total Depth: 3750.00 ft (KB) (TVD)

1909.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8352 Inside

Press @RunDepth: 16.30 psig @ 3710.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.14

End Date:

2012.06.14

Last Calib.:

2012.06.14

Start Time: 11:34:06

End Time:

19:18:00

Time On Btm:

2012.06.14 @ 14:36:16

Time Off Btm:

2012.06.14 @ 17:28:16

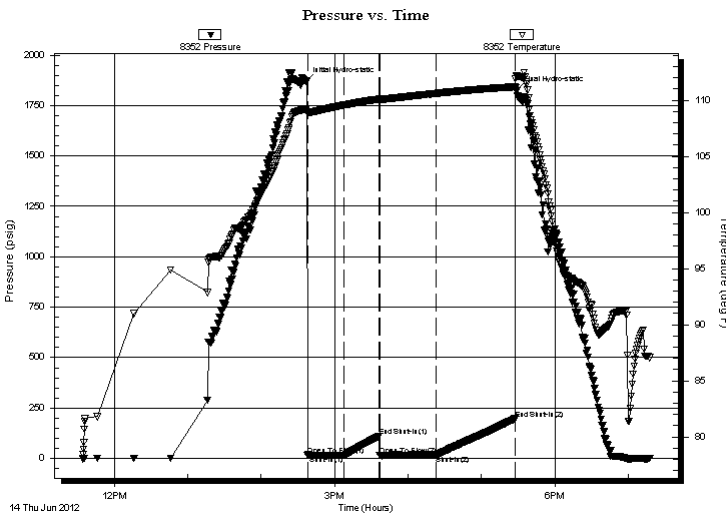
TEST COMMENT: IF:Weak blow . Increase to 5 1/2".

IS:No blow .

FF:Weak to fair blow . 3 - 6".

FS:No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1870.65	109.21	Initial Hydro-static
2	16.43	108.81	Open To Flow (1)
32	14.81	109.58	Shut-In(1)
61	111.30	110.10	End Shut-In(1)
61	15.25	110.05	Open To Flow (2)
107	16.30	110.61	Shut-In(2)
171	196.51	111.21	End Shut-In(2)
172	1824.19	112.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 3%o 97%m	0.07
0.00	180 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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ATTN: Roger Fisher

Test Start: 2012.06.14 @ 11:34:01

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:

11000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 10.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	SOCM 3%o 97%m	0.070
0.00	180 ft.of GIP	0.000

Total Length: 5.00 ft Total Volume: 0.070 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

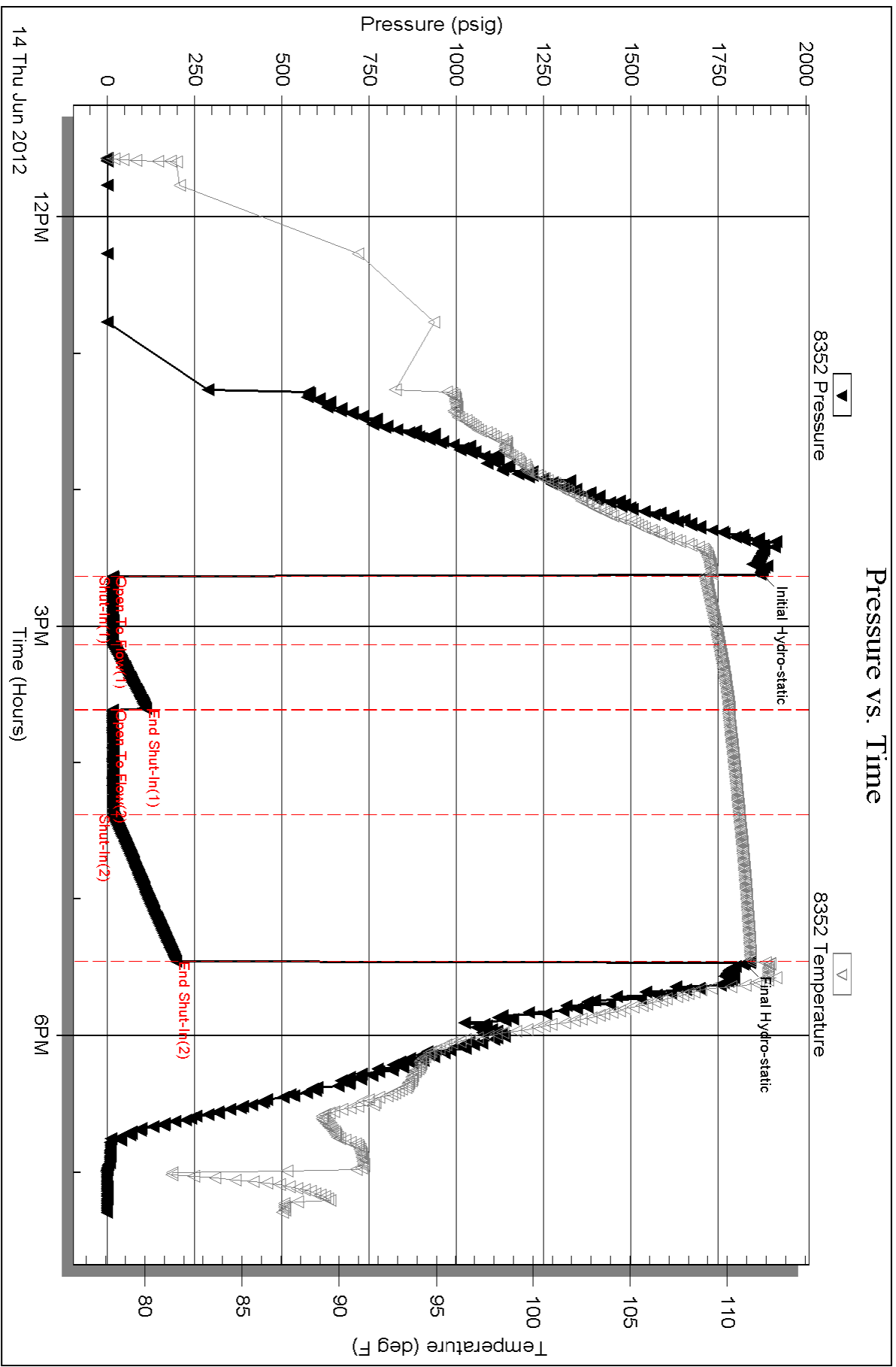
Serial #: 8352

Inside

Caerus Ks, LLC

Harrison #36-23

DST Test Number: 3



Serial #: 8370

Outside Caerus Ks, LLC

Harrison #36-23

DST Test Number: 3

