



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Caerus Ks. LLC

31-17s-13w Barton Ks

P.O.Box 1378
Hays Ks. 67601

Mortimer#31-41

Job Ticket: 47587

DST#: 3

ATTN: Justin Carter

Test Start: 2012.07.29 @ 15:14:35

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:48:20

Time Test Ended: 22:39:05

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

Interval: 3330.00 ft (KB) To 3388.00 ft (KB) (TVD)

Reference Elevations: 1880.00 ft (KB)

Total Depth: 3388.00 ft (KB) (TVD)

1870.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 44.63 psig @ 3331.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.29 End Date: 2012.07.29

Last Calib.: 2012.07.29

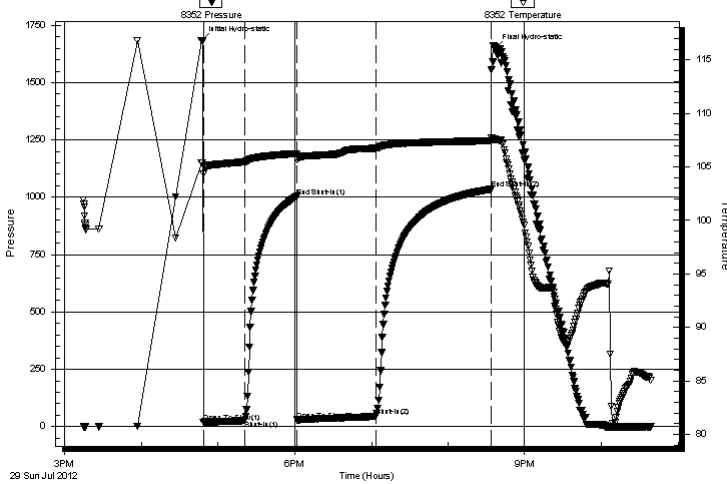
Start Time: 15:14:40 End Time: 22:39:04

Time On Btm: 2012.07.29 @ 16:47:05

Time Off Btm: 2012.07.29 @ 20:36:35

TEST COMMENT: IF:Weak blow . 1/4 - 1 1/4".
IS:No blow .
FF:Weak blow . 1/4 - 1 1/4".
FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1682.48	105.39	Initial Hydro-static
2	19.08	104.38	Open To Flow (1)
34	27.07	105.48	Shut-In(1)
75	1003.65	106.26	End Shut-In(1)
75	28.94	105.70	Open To Flow (2)
137	44.63	106.75	Shut-In(2)
227	1035.44	107.46	End Shut-In(2)
230	1649.89	107.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
8.00	CO	0.11
56.00	OCM 15%o 85%m	0.79

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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P.O.Box 1378
Hays Ks.67601

Mortimer#31-41

Job Ticket: 47587

DST#: 3

ATTN: Justin Carter

Test Start: 2012.07.29 @ 15:14:35

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:

6000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
8.00	CO	0.112
56.00	OCM 15%o 85%m	0.786

Total Length: 64.00 ft

Total Volume: 0.898 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

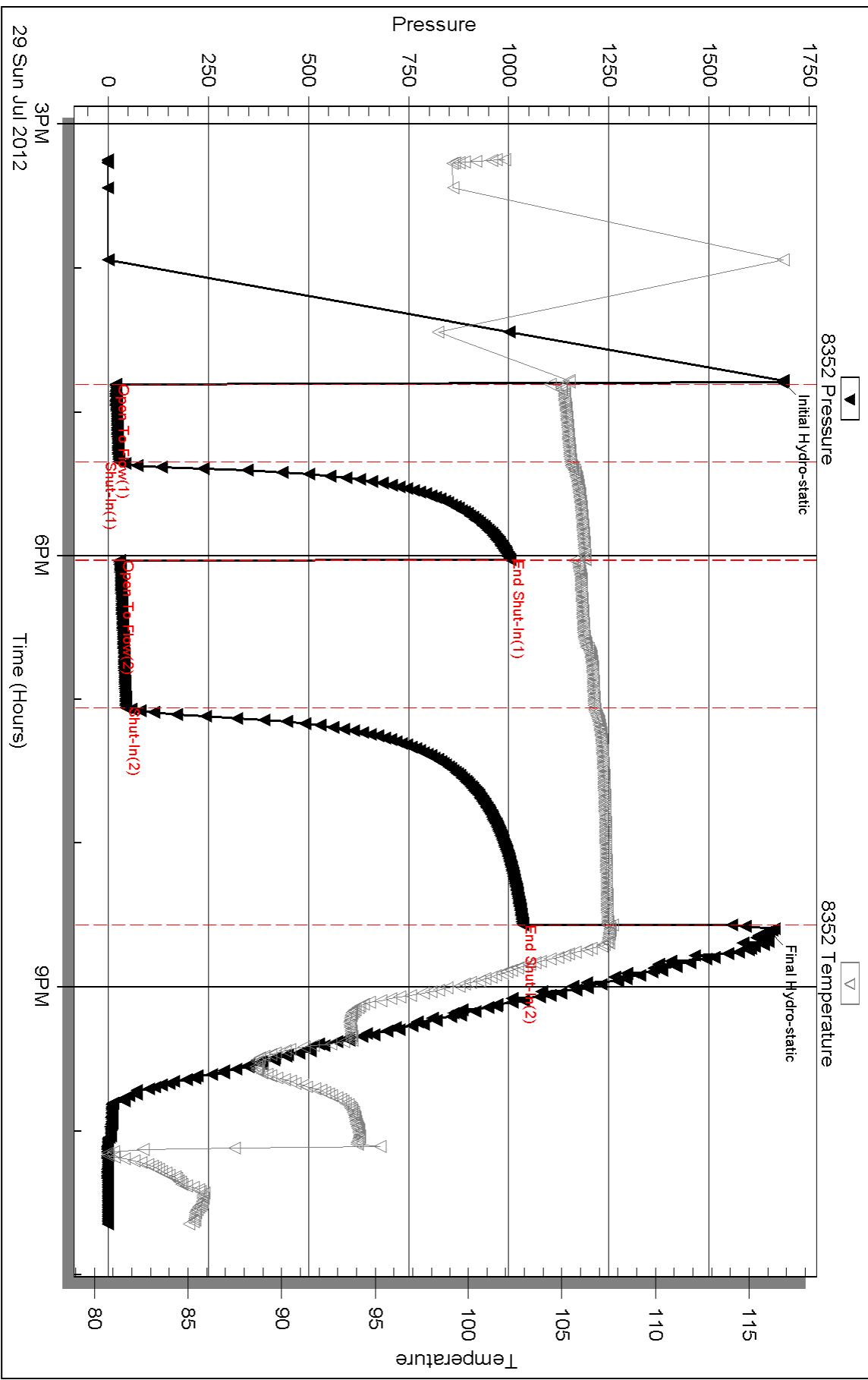
Serial #: 8352

Outside Caerus Ks. LLC

Mortimer#31-41

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 47587

Printed: 2012.07.30 @ 09:06:09