



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Wood Energy Inc.

2-20s-33w Scott Co. KS.

P.o Box 828
Mount Vernon IL 62864

Mohler #2-1

Job Ticket: 57703

DST#: 1

ATTN: Tom Pronold

Test Start: 2014.07.08 @ 22:40:00

GENERAL INFORMATION:

Formation: **LKC "E - F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:29:40

Time Test Ended: 06:51:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Will MacLean

Unit No: 72

Interval: 4106.00 ft (KB) To 4150.00 ft (KB) (TVD)

Reference Elevations: 2971.00 ft (KB)

Total Depth: 4150.00 ft (KB) (TVD)

2959.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8674

Inside

Press@RunDepth: 307.16 psig @ 4107.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.08

End Date:

2014.07.09

Last Calib.:

2014.07.09

Start Time: 22:40:00

End Time:

06:51:09

Time On Btm:

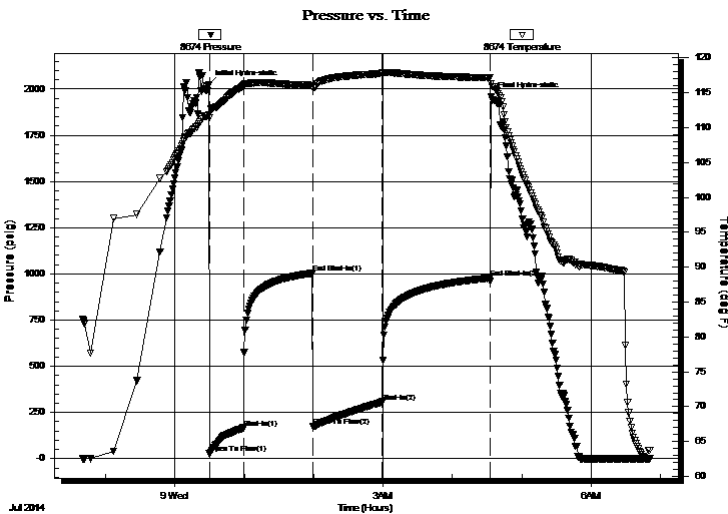
2014.07.09 @ 00:29:10

Time Off Btm:

2014.07.09 @ 04:33:39

TEST COMMENT: IF- Weak Surface Blow Built to BOB in 21 3/4min
IS- No Blow
FF- Weak Surface Blow Built to BOB in 29min
FS- No Blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.97	111.85	Initial Hydro-static
1	27.12	111.41	Open To Flow (1)
30	166.80	115.95	Shut-In(1)
90	1003.90	116.07	End Shut-In(1)
91	173.07	115.67	Open To Flow (2)
151	307.16	117.75	Shut-In(2)
244	977.59	117.16	End Shut-In(2)
245	1956.96	116.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
236.00	MCW 11%m 89%w	1.16
126.00	MCW 4%m 96%w	1.77
189.00	MCW 16%m 84%w	2.65
103.00	MCW 47%m 53%w with a Couple Oil S	1.44

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Wood Energy Inc.

2-20s-33w Scott Co. KS.

P.o Box 828
Mount Vernon IL 62864

Mohler #2-1

Job Ticket: 57703

DST#: 1

ATTN: Tom Pronold

Test Start: 2014.07.08 @ 22:40:00

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:

28500 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.00 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
236.00	MCW 11%m 89%w	1.161
126.00	MCW 4%m 96%w	1.767
189.00	MCW 16%m 84%w	2.651
103.00	MCW 47%m 53%w with a Couple Oil Spots	1.445

Total Length: 654.00 ft

Total Volume: 7.024 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW is .251 @ 65f = 28500

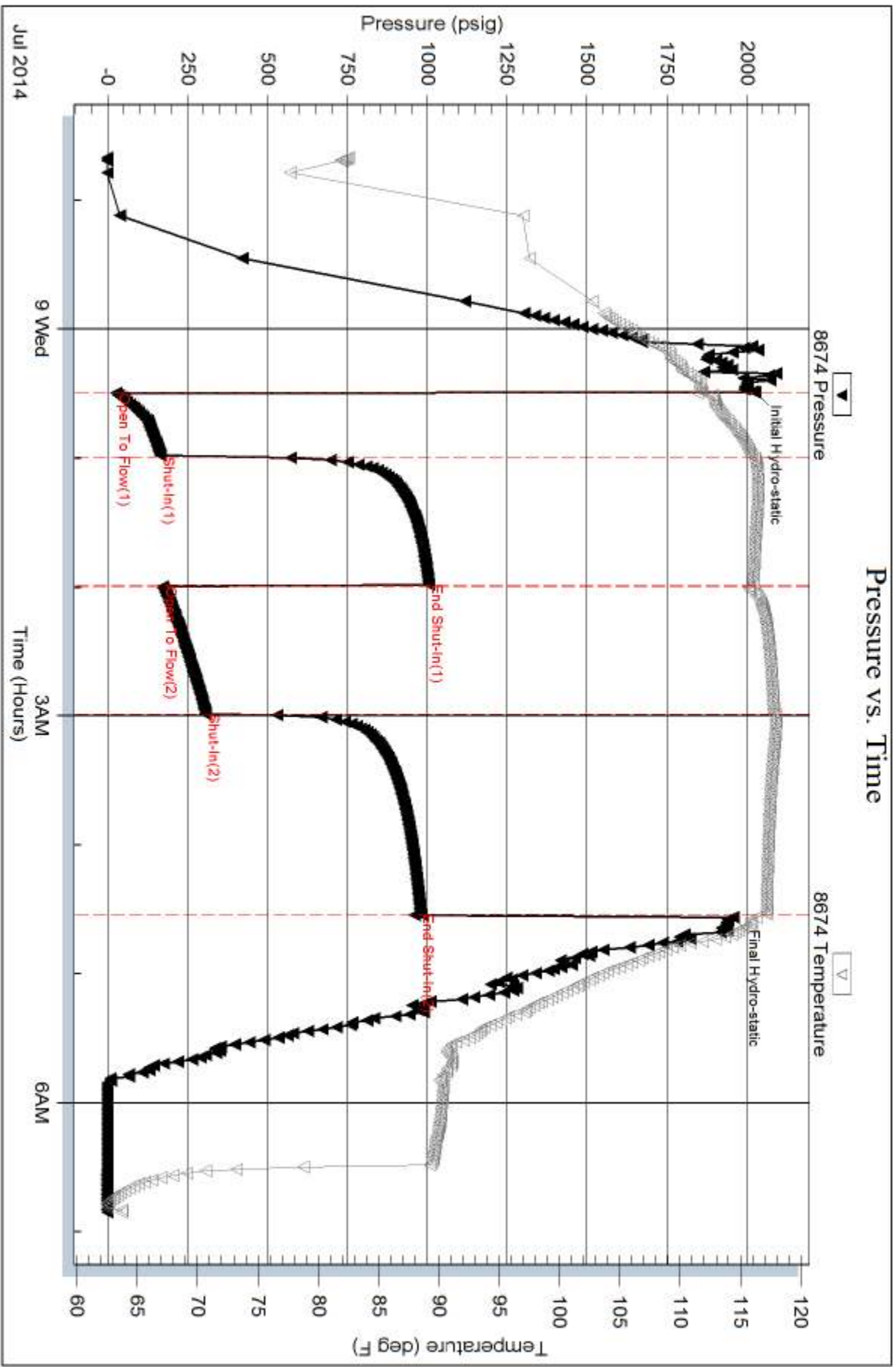
Serial #: 8674

Inside

Wood Energy Inc.

Mohler #2-1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 57703

Printed: 2014.07.09 @ 08:44:06