



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating Company LLC

17-35s-12w Barber Co. Ks

125 N Market STE 1000
Wichita, Ks. 67202

Mikita #2

Job Ticket: 64905

DST#: 1

ATTN: Bill Klaver

Test Start: 2018.12.04 @ 17:29:58

GENERAL INFORMATION:

Formation: **Cherokee/ Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:55:13

Time Test Ended: 04:11:28

Test Type: Conventional Bottom Hole (Initial)

Tester: Matt Smith

Unit No: 68

Interval: 4738.00 ft (KB) To 4850.00 ft (KB) (TVD)

Reference Elevations: 1403.00 ft (KB)

Total Depth: 4850.00 ft (KB) (TVD)

1391.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8931

Inside

Press@RunDepth: 58.76 psig @ 4739.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.12.04

End Date:

2018.12.05

Last Calib.:

2018.12.05

Start Time: 17:30:03

End Time:

04:11:28

Time On Btm:

2018.12.04 @ 20:53:13

Time Off Btm:

2018.12.05 @ 00:58:43

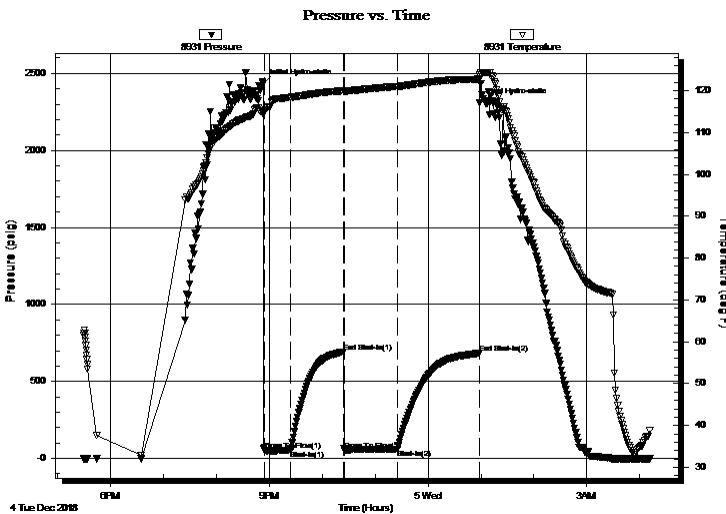
TEST COMMENT: IF: Strong blow . B.O.B. in 4 mins. Buit to 133.47".

IS: No blow .

IF: Strong blow . B.O.B. immediate. Built to 181.18". Open choke 1/8", to help pull gas.

FF: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2432.56	115.11	Initial Hydro-static
2	53.42	114.95	Open To Flow (1)
32	54.84	118.41	Shut-In(1)
91	692.32	119.97	End Shut-In(1)
93	50.74	119.78	Open To Flow (2)
152	58.76	121.01	Shut-In(2)
245	682.95	122.73	End Shut-In(2)
246	2311.57	123.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil scum GM 10%g 90%m	0.30
60.00	GM 5%g 95%m	0.30
10.00	GM 2%g 98%m	0.14
0.00	376' GIP	0.00

Gas Rates

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



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1391.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

Serial #: 8792 Outside

Press@RunDepth: psig @ 4739.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.12.04

End Date:

2018.12.05

Last Calib.:

2018.12.05

Start Time: 17:29:52

End Time:

04:11:17

Time On Btm:

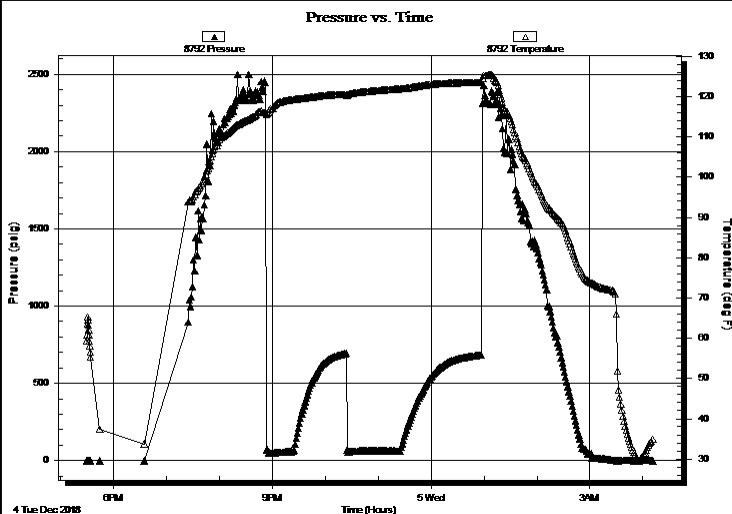
Time Off Btm:

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IF: Strong blow . B.O.B. immediate. Built to 181.18". Open choke 1/8", to help pull gas.

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PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Oil scum GM 10%g 90%m	0.30
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0.00	376' GIP	0.00

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Company LLC

17-35s-12w Barber Co. Ks

125 N Market STE 1000
Wichita, Ks. 67202

Mikita #2

Job Ticket: 64905

DST#: 1

ATTN: Bill Klaver

Test Start: 2018.12.04 @ 17:29:58

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:

5000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	Oil scum GM 10%g 90%m	0.295
60.00	GM 5%g 95%m	0.295
10.00	GM 2%g 98%m	0.140
0.00	376' GIP	0.000

Total Length: 130.00 ft

Total Volume: 0.730 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

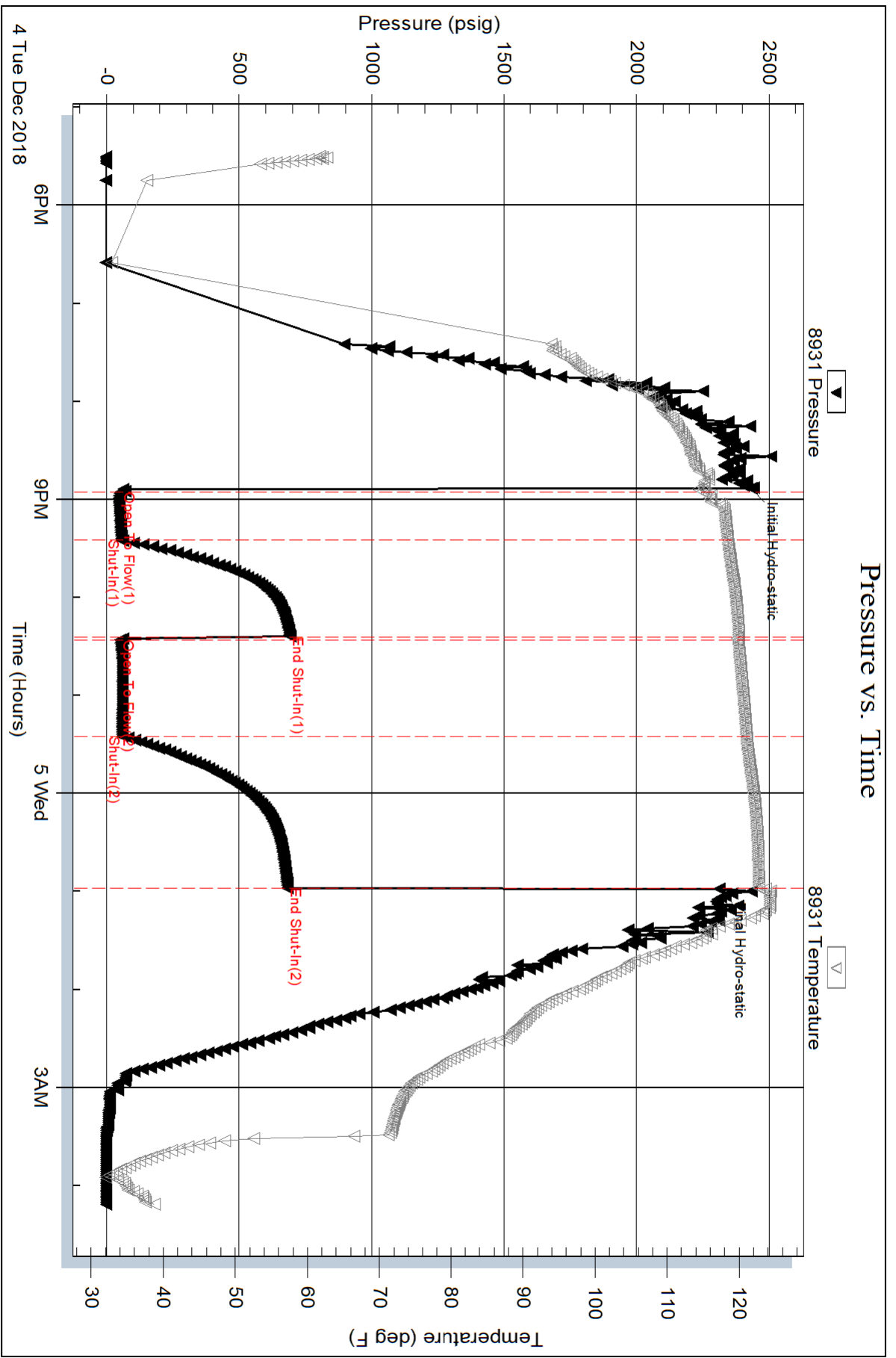
Serial #: 8931

Inside

Woodsey Operating Company LLC

Mkita #2

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 64905

Printed: 2018.12.05 @ 08:10:51

Serial #: 8792

Outside Woodsey Operating Company LLC

Mkita #2

DST Test Number: 1

