



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

K3 Oil & Gas Oper.Co.
24900 Pitkin Rd Ste 305
The Woodlands, TX 73386
ATTN: Erin Csapos

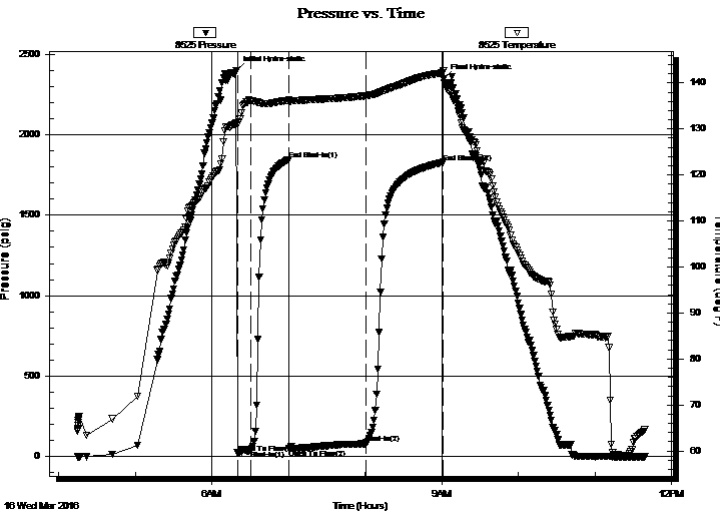
23-34s-5w Harper
Jelinek 14-23
Job Ticket: 57984 **DST#: 2**
Test Start: 2016.03.16 @ 04:14:39

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 06:19:54
Time Test Ended: 11:39:09
Interval: **4908.00 ft (KB) To 4930.00 ft (KB) (TVD)**
Total Depth: 5100.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 1196.00 ft (KB)
1191.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Straddle (Reset)
Tester: Leal Cason
Unit No: 74

Serial #: 8525 Inside
Press@RunDepth: 80.29 psig @ 4909.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.03.16 End Date: 2016.03.16 Last Calib.: 2016.03.16
Start Time: 04:14:40 End Time: 11:39:09 Time On Btm: 2016.03.16 @ 06:18:54
Time Off Btm: 2016.03.16 @ 09:01:24

TEST COMMENT: IF: Weak 1 inch Blow
IS: No Blow Back
FF: Weak 1/2 inch Blow
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2399.94	131.26	Initial Hydro-static
1	23.52	130.89	Open To Flow (1)
12	40.99	136.20	Shut-In(1)
41	1845.52	136.26	End Shut-In(1)
42	48.14	135.86	Open To Flow (2)
102	80.29	137.24	Shut-In(2)
163	1829.42	142.30	End Shut-In(2)
163	2347.52	142.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MCW 30%M 70%W	0.73

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Jelinek 14-23

Job Ticket: 57984

DST#: 2

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Test Start: 2016.03.16 @ 04:14:39

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:

84000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 13000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	MCW 30%M 70%W	0.730

Total Length: 130.00 ft Total Volume: 0.730 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .11 @ 65 degrees

Sampler : 2500 ML of Water @ 5psi

Sampler Water RW w as .11 @ 65 degrees 78000 ppm

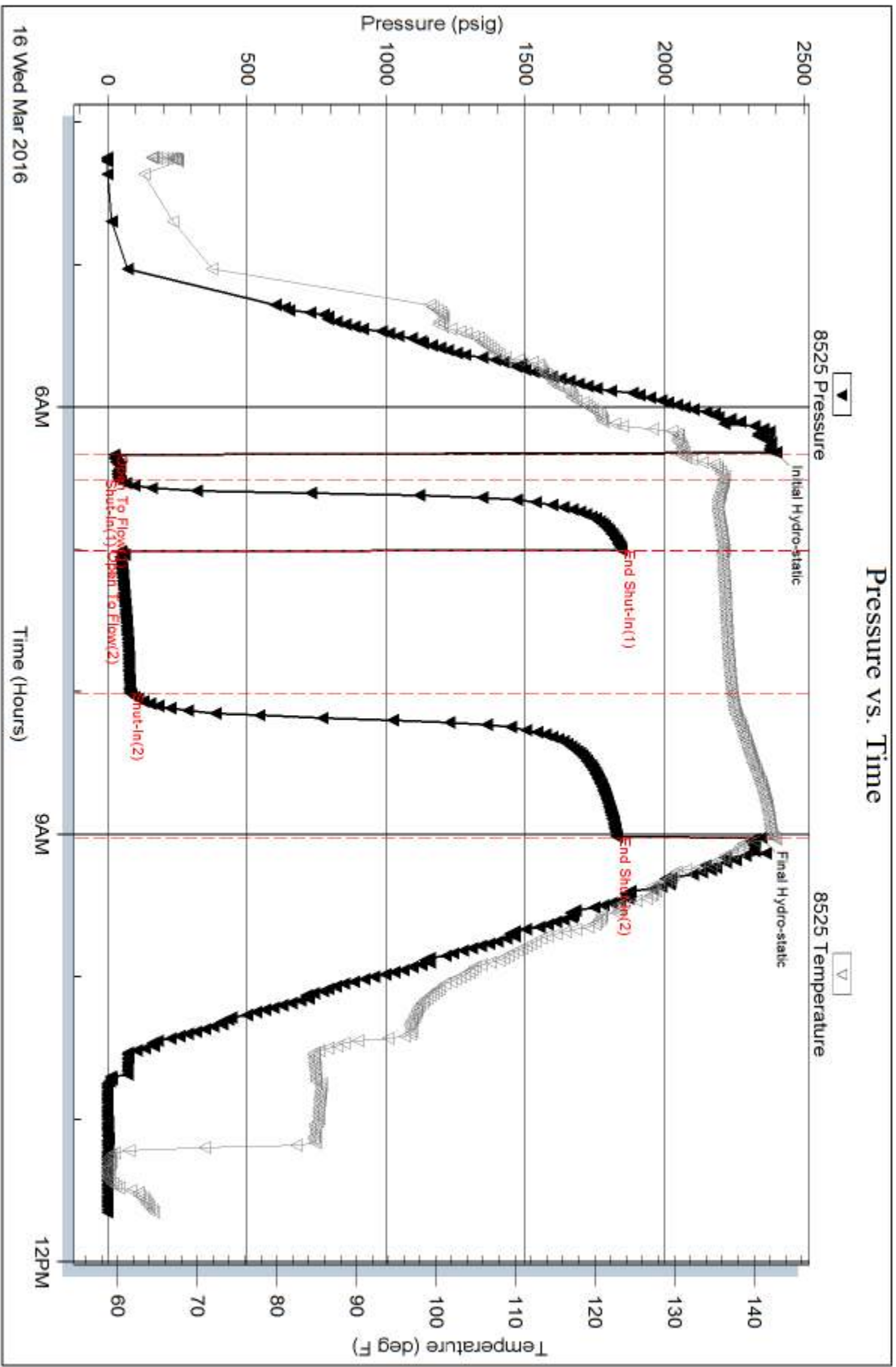
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Inside

K3 Oil & Gas Oper. Co.

Jelinek 14-23

DST Test Number: 2



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Ref. No: 57984

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