



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lebsack Oil Production

33-20S-10W Rice

PO Box 354
Chase, KS 67524

Bieberle 1-33

Job Ticket: 55413

DST#: 1

ATTN: Josh Austin

Test Start: 2016.09.02 @ 08:45:15

GENERAL INFORMATION:

Formation: **Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:07:00

Time Test Ended: 14:40:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3065.00 ft (KB) To 3095.00 ft (KB) (TVD)

Reference Elevations: 1730.00 ft (KB)

Total Depth: 3095.00 ft (KB) (TVD)

1719.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8525 Inside

Press@RunDepth: 295.66 psig @ 3066.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.02

End Date:

2016.09.02

Last Calib.: 2016.09.02

Start Time: 08:45:16

End Time:

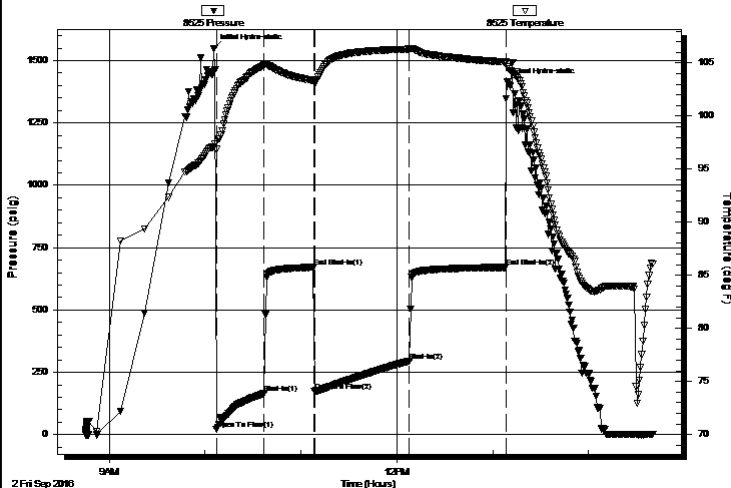
14:40:15

Time On Btm: 2016.09.02 @ 10:05:30

Time Off Btm: 2016.09.02 @ 13:09:15

TEST COMMENT: IF: Fair Blow , Built to 8 inches
IS: No Blow Back
FF: Weak Blow , Built to 4 inches
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1548.90	97.13	Initial Hydro-static
2	21.84	96.87	Open To Flow (1)
32	166.34	104.79	Shut-In (1)
63	671.42	103.35	End Shut-In (1)
63	174.84	103.17	Open To Flow (2)
123	295.66	106.30	Shut-In (2)
183	671.16	105.07	End Shut-In (2)
184	1413.30	104.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
496.00	Water	4.99
30.00	MCW 10%M 90%W	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Total Depth: 3095.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1730.00 ft (KB)

1719.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6806 Outside

Press@RunDepth: psig @ 3066.00 ft (KB)

Start Date: 2016.09.02

End Date:

2016.09.02

Start Time: 08:45:16

End Time:

14:40:15

Capacity: 8000.00 psig

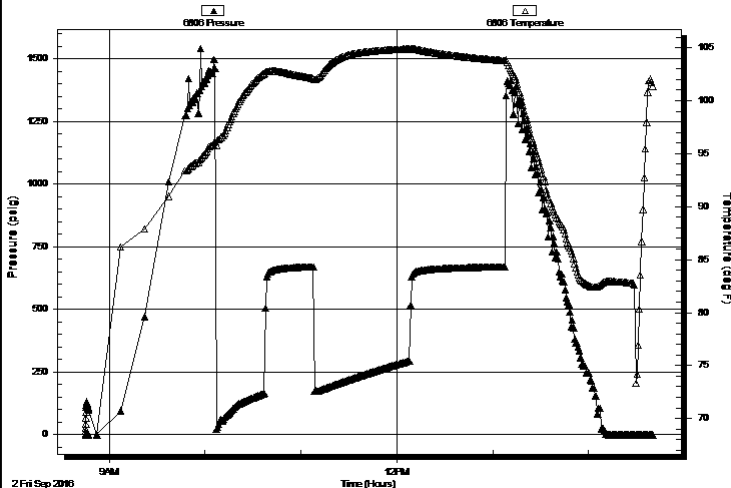
Last Calib.: 2016.09.02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Fair Blow , Built to 8 inches
IS: No Blow Back
FF: Weak Blow , Built to 4 inches
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
496.00	Water	4.99
30.00	MCW 10%M 90%W	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lebsack Oil Production

33-20S-10W Rice

PO Box 354
Chase, KS 67524

Bieberle 1-33

Job Ticket: 55413

DST#: 1

ATTN: Josh Austin

Test Start: 2016.09.02 @ 08:45:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 2300.00 ppm

Filter Cake: 0.02 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 77000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
496.00	Water	4.990
30.00	MCW 10%M 90%W	0.421

Total Length: 526.00 ft Total Volume: 5.411 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW was .1 @ 72 degrees

Serial #: 8525

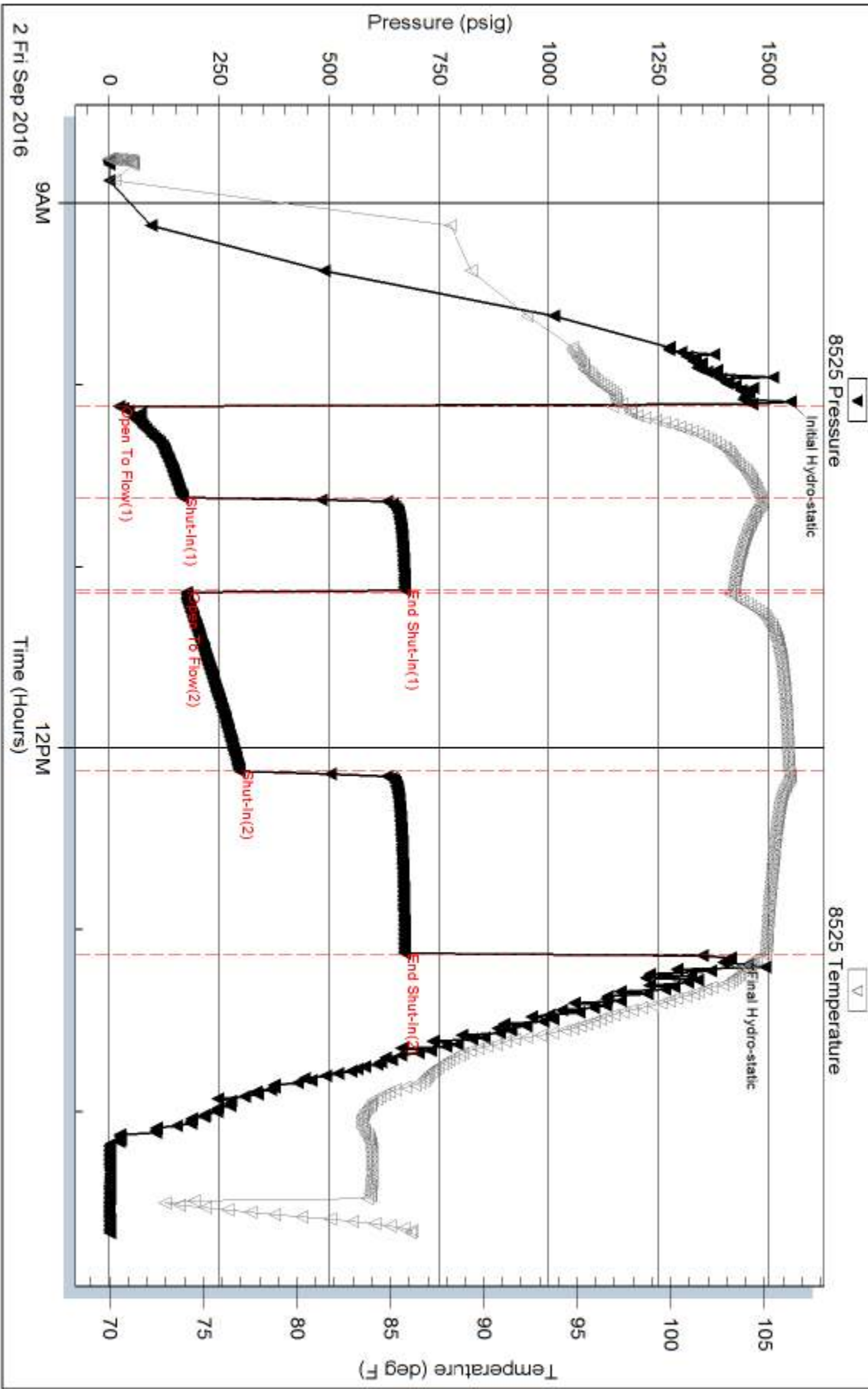
Inside

Lebsack Oil Production

Bieberle 1-33

DST Test Number: 1

Pressure vs. Time



Serial #: 6806

Outside Lebsack Oil Production

Bieberle 1-33

DST Test Number: 1

