



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Deutsch Oil Co.

35/1s/36w Rawlins KS

8100 E 22nd St.
Wichita, KS 67226

Bernita 'A' #1-35

Job Ticket: 62846

DST#: 2

ATTN: Keith Reavis

Test Start: 2015.08.31 @ 18:10:00

GENERAL INFORMATION:

Formation: **Lans. "D - E"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:58:30

Time Test Ended: 01:49:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

Interval: 4391.00 ft (KB) To 4485.00 ft (KB) (TVD)

Reference Elevations: 3320.00 ft (KB)

Total Depth: 4485.00 ft (KB) (TVD)

3310.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8791 Inside

Press @ Run Depth: 25.37 psig @ 4392.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.08.31 End Date: 2015.09.01

Last Calib.: 2015.09.01

Start Time: 18:10:05 End Time: 01:49:14

Time On Btm: 2015.08.31 @ 19:58:15

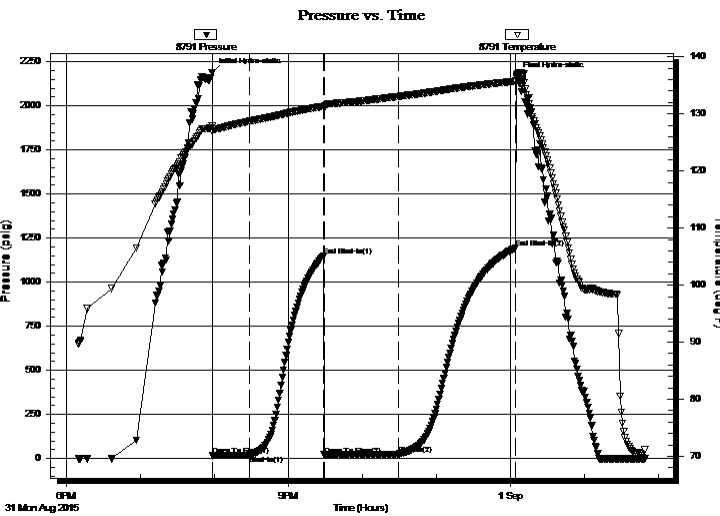
Time Off Btm: 2015.09.01 @ 00:05:30

TEST COMMENT: 30 - IF: 1/4" Blow at open, built slightly then died back, dead by 16 min.

60 - IS: No blow

60 - FF: No blow

90 - FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2189.48	127.86	Initial Hydro-static
1	15.87	126.88	Open To Flow (1)
31	20.50	128.71	Shut-In(1)
91	1148.15	131.32	End Shut-In(1)
92	17.63	131.35	Open To Flow (2)
152	25.37	133.06	Shut-In(2)
247	1194.24	135.73	End Shut-In(2)
248	2166.65	136.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 90% m, 8% o, 2% g	0.28
0.00	a few inches of free oil on top	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Deutsch Oil Co.

35/1s/36w Rawlins KS

8100 E 22nd St.
Wichita, KS 67226

Bernita 'A' #1-35

Job Ticket: 62846

DST#: 2

ATTN: Keith Reavis

Test Start: 2015.08.31 @ 18:10:00

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:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 90%m, 8%o, 2%g	0.281
0.00	a few inches of free oil on top	0.000

Total Length: 20.00 ft Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: couldn't catch enough for gravity

Serial #: 8791

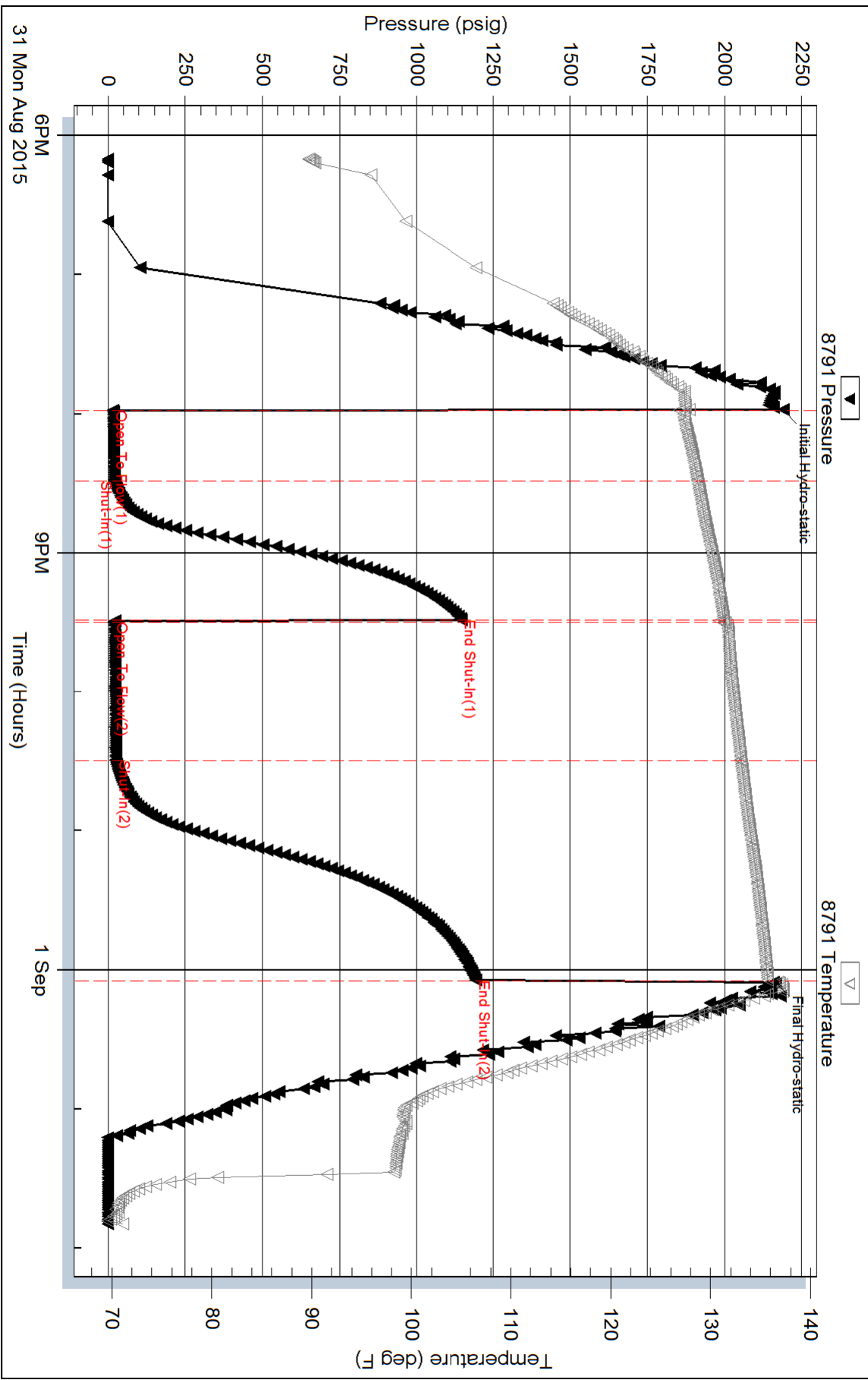
Inside

Deutsch Oil Co.

Bernita 'A' #1-35

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 62846

Printed: 2015.09.01 @ 06:47:18