



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC.

27-27s-24w Ford Co. KS

2020 N. Bramblewood
Wichita, KS 67206-1094

Melia 1-27

Job Ticket: 50493

DST#: 1

ATTN: Ed Grieves Evan May

Test Start: 2013.05.21 @ 22:49:29

GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 01:27:44

Time Test Ended: 09:14:29

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Reynolds

Unit No: 48

Interval: 4900.00 ft (KB) To 4925.00 ft (KB) (TVD)

Reference Elevations: 2544.00 ft (KB)

Total Depth: 4925.00 ft (KB) (TVD)

2531.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 8790 Inside

Press @ RunDepth: 238.76 psig @ 4901.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.21

End Date:

2013.05.22

Last Calib.:

2013.05.22

Start Time: 22:49:34

End Time:

09:14:29

Time On Btm:

2013.05.22 @ 01:22:14

Time Off Btm:

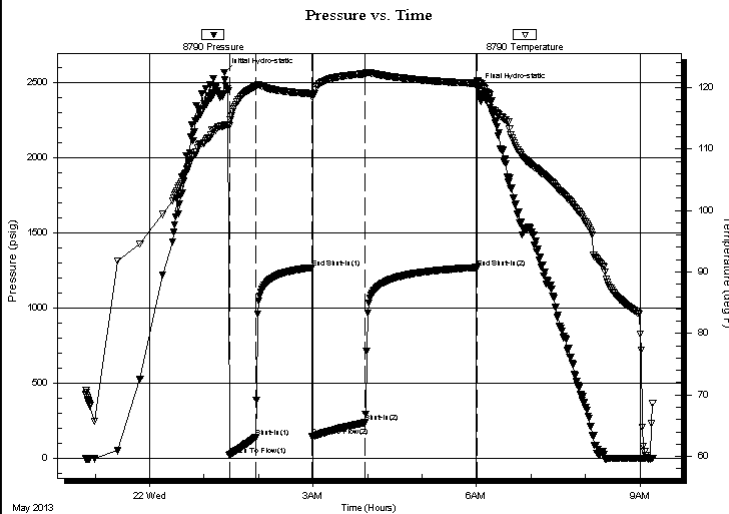
2013.05.22 @ 06:01:14

TEST COMMENT: IF: Strong blow . surf. - 12"

IS: No blow

FF: Strong blow . surf. - BOB @ 43min.

FS: No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2566.07	113.76	Initial Hydro-static
6	22.96	113.74	Open To Flow (1)
35	140.16	120.19	Shut-In(1)
97	1268.67	119.02	End Shut-In(1)
97	144.97	118.55	Open To Flow (2)
155	238.76	122.23	Shut-In(2)
279	1269.41	120.69	End Shut-In(2)
279	2466.03	121.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
445.00	VSLI OCMW trc%oil, 25%mud, 75%wt	3.82
10.00	Clean oil 100%oil (38grav)	0.14
0.00	90' GIP	0.00

Gas Rates

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



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FLUID SUMMARY

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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:

69000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
445.00	VSLI OCMW trc%oil, 25%mud, 75%w tr	3.819
10.00	Clean oil 100%oil (38grav)	0.140
0.00	90' GIP	0.000

Total Length: 455.00 ft

Total Volume: 3.959 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8790

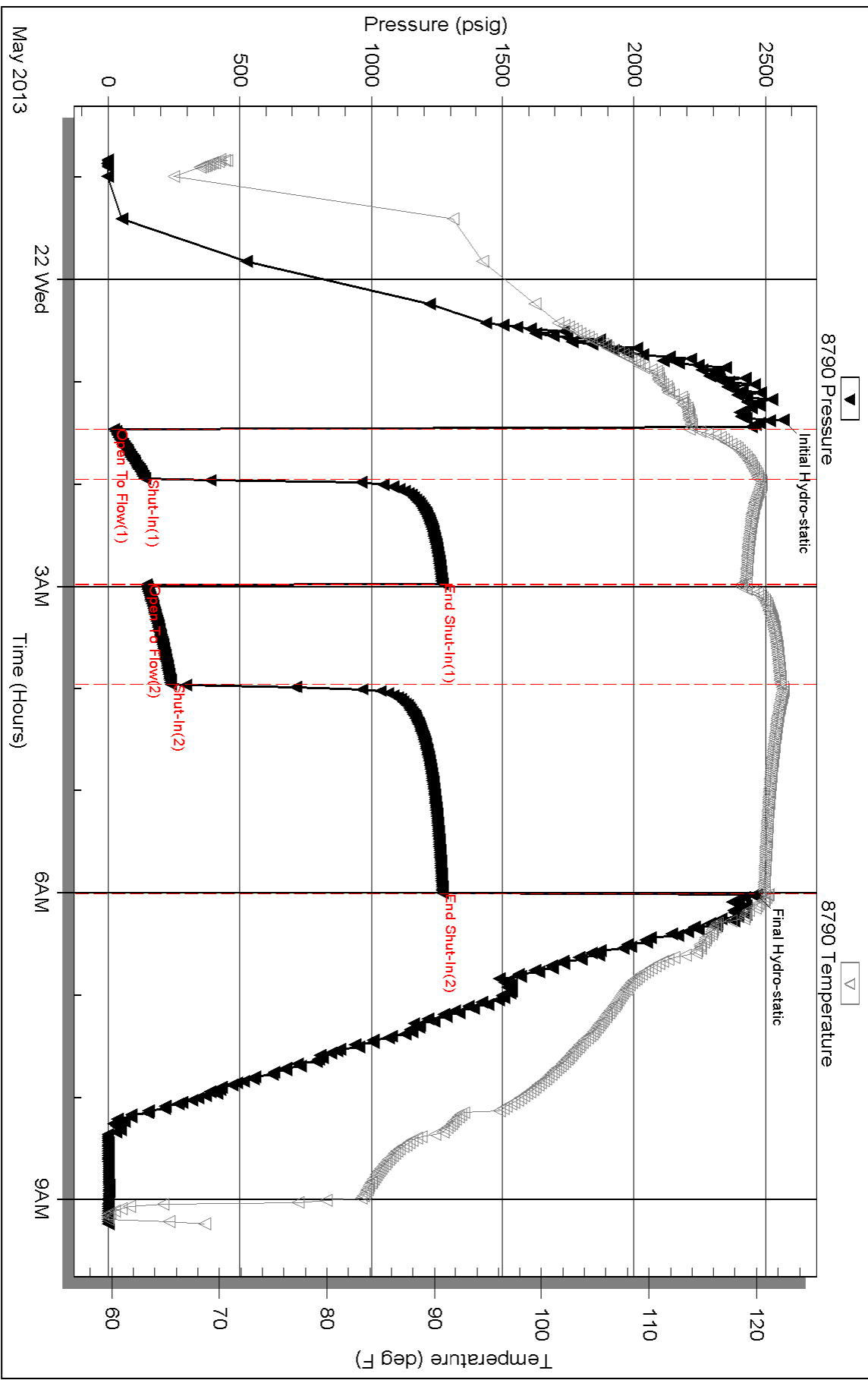
Inside

Berexco, LLC.

Mella 1-27

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50493

Printed: 2013.05.22 @ 09:36:34