



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

22-1s-36w Rawlins, KS

2020 N Bramblewood
Wichita, KS 67206

Michael #6-22

Job Ticket: 53558

DST#: 5

ATTN: Pete Vollmer

Test Start: 2013.12.02 @ 19:15:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:56:00

Time Test Ended: 06:06:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Kevin Mack

Unit No: 66

Interval: 4230.00 ft (KB) To 4310.00 ft (KB) (TVD)

Total Depth: 4310.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3230.00 ft (KB)

3217.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8874 Inside

Press @ Run Depth: 142.12 psig @ 4231.00 ft (KB)

Start Date: 2013.12.02

End Date: 2013.12.03

Start Time: 19:16:00

End Time: 06:06:30

Capacity: 8000.00 psig

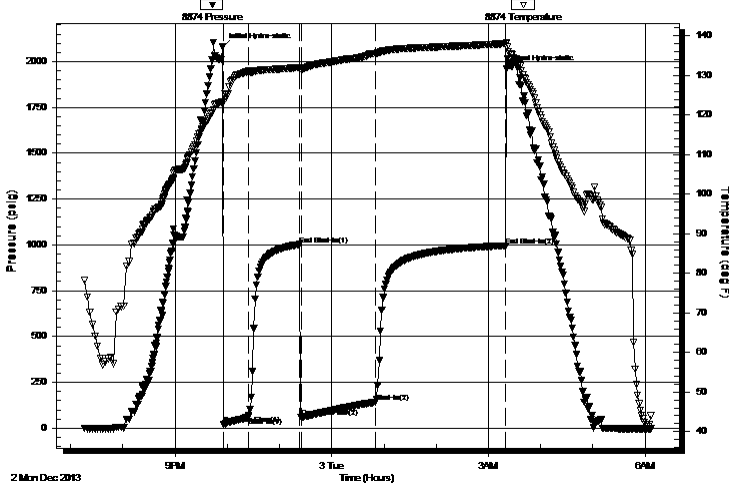
Last Calib.: 2013.12.03

Time On Btm: 2013.12.02 @ 21:54:30

Time Off Btm: 2013.12.03 @ 03:20:30

TEST COMMENT: 30 - IF- BoB in 26 min.
60 - IS- No Return
90 - FF- BoB in 35 min.
120 - FS- No Return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.30	123.26	Initial Hydro-static
2	20.89	123.38	Open To Flow (1)
30	58.31	131.05	Shut-In(1)
89	1002.26	132.01	End Shut-In(1)
90	61.18	131.69	Open To Flow (2)
176	142.12	135.56	Shut-In(2)
326	996.09	138.04	End Shut-In(2)
326	1957.96	138.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM 60M 40o	0.44
220.00	Clean Oil 100o	1.08

Gas Rates

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



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FLUID SUMMARY

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ATTN: Pete Vollmer

Test Start: 2013.12.02 @ 19:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
90.00	OCM 60M 40o	0.443
220.00	Clean Oil 100o	1.082

Total Length: 310.00 ft Total Volume: 1.525 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API = 33 @ 70 deg = 32 cor.

Serial #: 8874

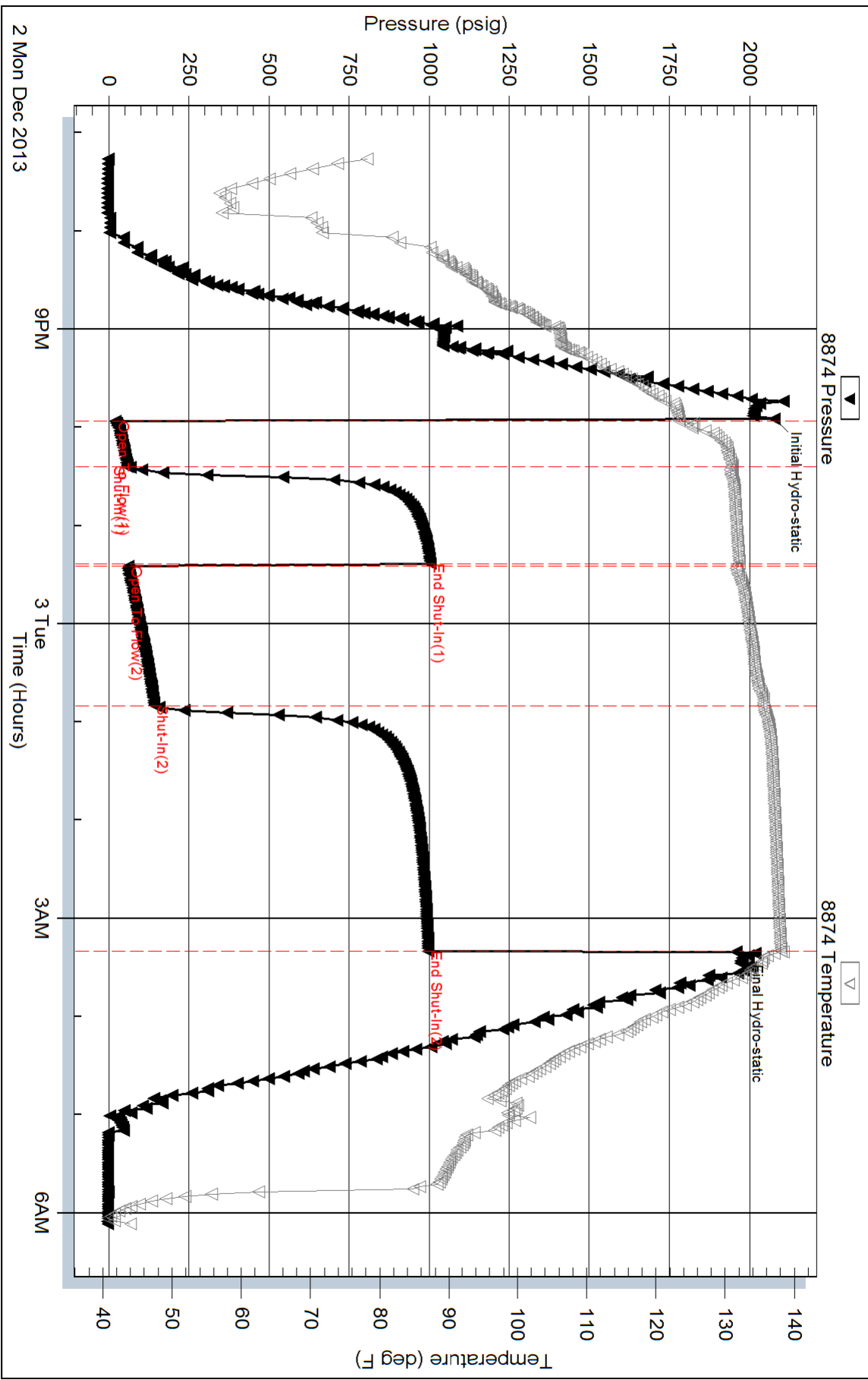
Inside

Berexco, LLC

Michael #6-22

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 53558

Printed: 2013.12.03 @ 07:50:32