

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC
 2020 N Bramblewood
 Wichita KS 67206
 ATTN: Pete Vollmer

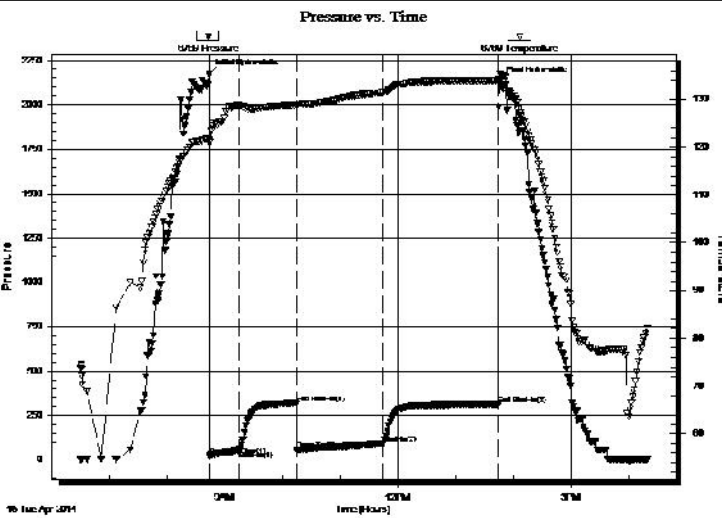
22 1s 36w Rawlins KS
Michael #8-22
 Job Ticket: 55989 **DST#: 4**
 Test Start: 2014.04.15 @ 06:30:00

GENERAL INFORMATION:

Formation: **LKC "C"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 08:44:30 Tester: Robert Zodrow
 Time Test Ended: 16:20:00 Unit No: 44
 Interval: **4254.00 ft (KB) To 4340.00 ft (KB) (TVD)** Reference Elevations: 3256.00 ft (KB)
 Total Depth: 4092.00 ft (KB) (TVD) 3243.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 13.00 ft

Serial #: 6769 Outside
 Press@RunDepth: 92.54 psig @ 4255.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.15 End Date: 2014.04.15 Last Calib.: 2014.04.15
 Start Time: 06:30:05 End Time: 16:20:00 Time On Btm: 2014.04.15 @ 08:44:00
 Time Off Btm: 2014.04.15 @ 13:45:30

TEST COMMENT: 30-IF- Blow Built To 4 1/2"
 60-ISI-No Return
 90-FF- Blow Built To 10 3/4"
 120-FSI-No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2175.38	121.36	Initial Hydro-static
1	24.91	121.03	Open To Flow (1)
31	53.31	128.77	Shut-In(1)
91	316.16	128.86	End Shut-In(1)
91	57.34	129.30	Open To Flow (2)
181	92.54	131.45	Shut-In(2)
300	312.99	134.00	End Shut-In(2)
302	2136.57	135.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	ocm 5%g 15%o 80%m	0.44
95.00	go 10%g 90%o	0.47
0.00	180' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

22 1s 36w Rawlins KS

2020 N Bramblewood
Wichita KS 67206

Michael #8-22

Job Ticket: 55989

DST#: 4

ATTN: Pete Vollmer

Test Start: 2014.04.15 @ 06:30:00

GENERAL INFORMATION:

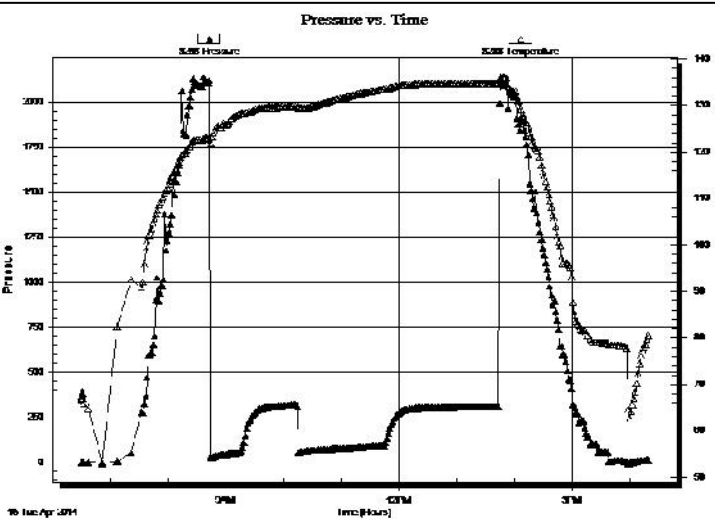
Formation: **LKC "C"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 08:44:30
 Tester: Robert Zodrow
 Time Test Ended: 16:20:00
 Unit No: 44
Interval: 4254.00 ft (KB) To 4340.00 ft (KB) (TVD)
 Reference Elevations: 3256.00 ft (KB)
 Total Depth: 4092.00 ft (KB) (TVD) 3243.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 13.00 ft

Serial #: **8288**

Inside

Press@RunDepth: psig @ 4255.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.15 End Date: 2014.04.15 Last Calib.: 2014.04.15
 Start Time: 06:30:05 End Time: 16:20:00 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-IF- Blow Built To 4 1/2"
 60-ISI-No Return
 90-FF- Blow Built To 10 3/4"
 120-FSI-No Return



PRESSURE SUMMARY

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

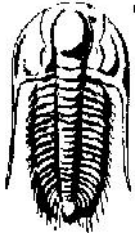
Recovery

Length (ft)	Description	Volume (bbl)
90.00	ocm 5%g 15%o 80%m	0.44
95.00	go 10%g 90%o	0.47
0.00	180' GIP	0.00

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

22 1s 36w Rawlins KS

2020 N Bramblew ood
Wichita KS 67206

Michael #8-22

Job Ticket: 55989

DST#: 4

ATTN: Pete Vollmer

Test Start: 2014.04.15 @ 06:30:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.40 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
90.00	ocm 5%g 15%o 80%m	0.443
95.00	go 10%g 90%o	0.467
0.00	180' GIP	0.000

Total Length: 185.00 ft

Total Volume: 0.910 bbl

Num Fluid Samples: 0

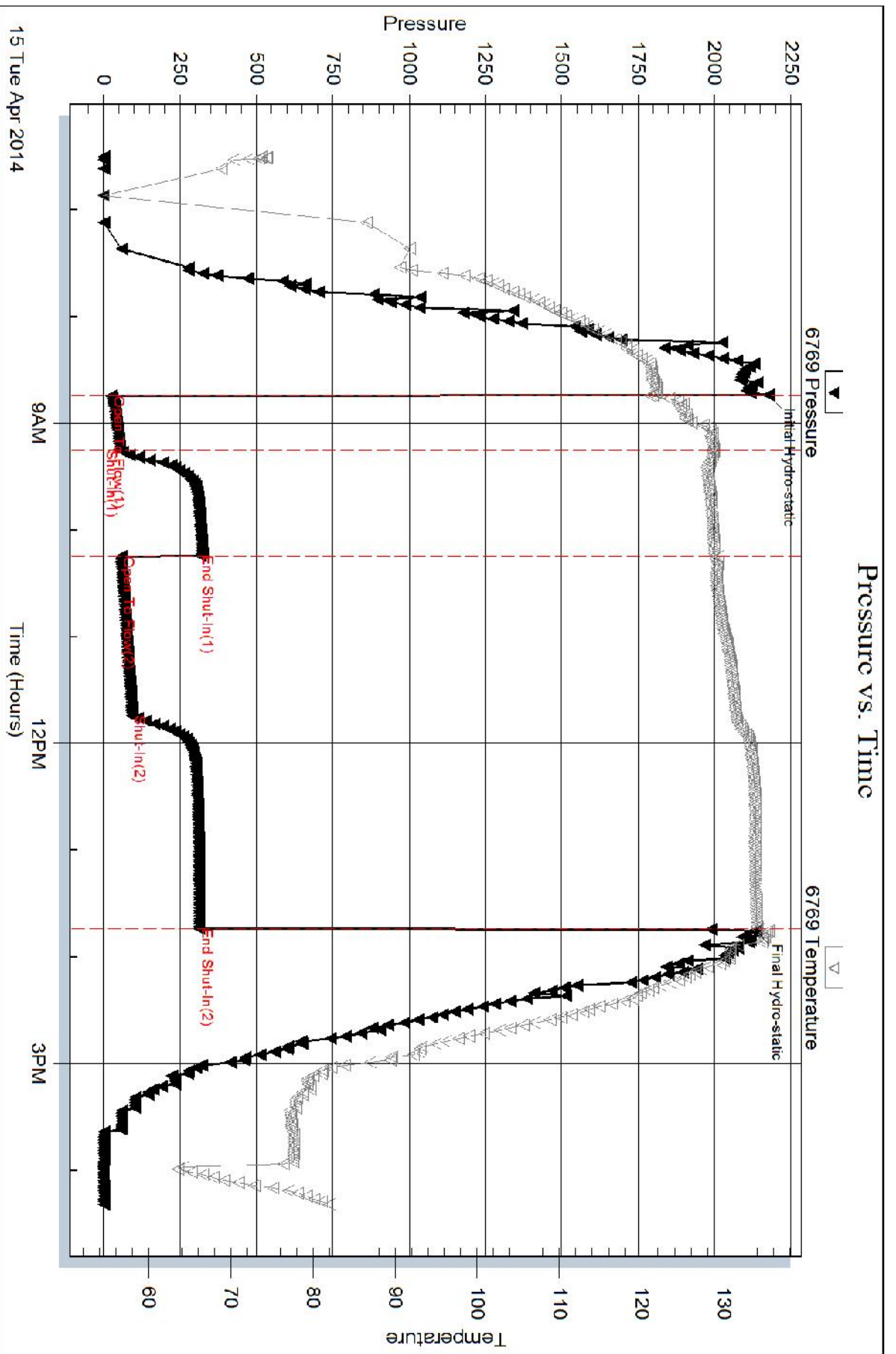
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



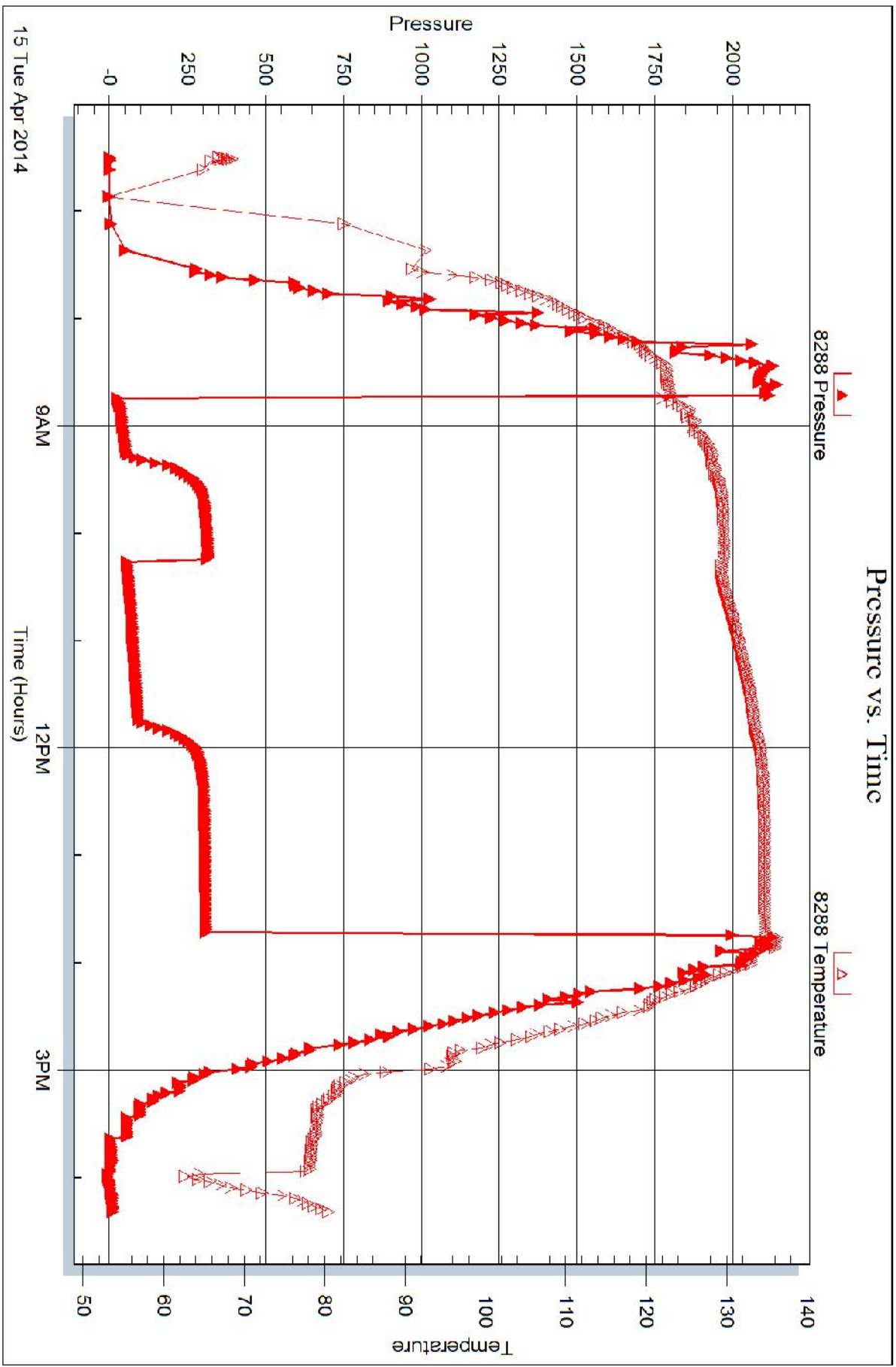
Serial #: 8288

Inside

Berexco LLC

Michael #8-22

DST Test Number: 4



Tribolite Testing, Inc

Ref. No: 55989

Printed: 2014.04.16 @ 03:38:09