



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco LLC

31-23s-23w

2020 Bramblewood
Wichita KS 67206

Charles #1

Job Ticket: 51076

DST#: 1

ATTN: David Gould

Test Start: 2012.10.20 @ 21:20:00

GENERAL INFORMATION:

Formation: **Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:33:45

Time Test Ended: 12:57:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Wilbur Steinbeck

Unit No: 65

Interval: 4719.00 ft (KB) To 4729.00 ft (KB) (TVD)

Reference Elevations: 2466.00 ft (KB)

Total Depth: 4729.00 ft (KB) (TVD)

2453.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6668 Inside

Press @ Run Depth: 707.56 psig @ 4720.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.10.20

End Date:

2012.10.21

Last Calib.: 2012.10.21

Start Time: 21:20:15

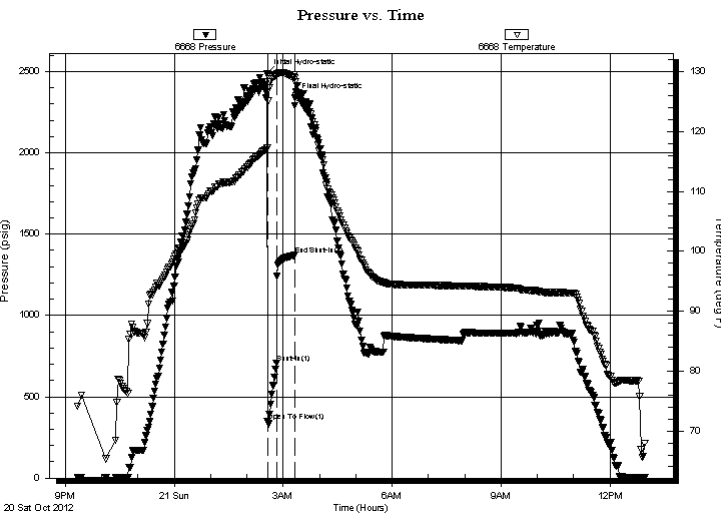
End Time:

12:57:30

Time On Btm: 2012.10.21 @ 02:33:15

Time Off Btm: 2012.10.21 @ 03:19:45

TEST COMMENT: 15 IF; Built to BOB in 10 sec
30 IS; Built to BOB in 26 min



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2489.01	117.21	Initial Hydro-static
1	351.64	117.31	Open To Flow (1)
16	707.56	129.34	Shut-In(1)
46	1370.58	128.96	End Shut-In(1)
47	2337.53	128.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCM 8%G 32%O 60%M	1.74
1922.00	Reversed GO 12.5%G 87.%%O	26.96
93.00	GO 15%G 85%O	1.30
0.00	540' 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: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	GOCM 8%G 32%O 60%M	1.739
1922.00	Reversed GO 12.5%G 87.%%O	26.961
93.00	GO 15%G 85%O	1.305
0.00	540' GIP	0.000

Total Length: 2139.00 ft

Total Volume: 30.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6668

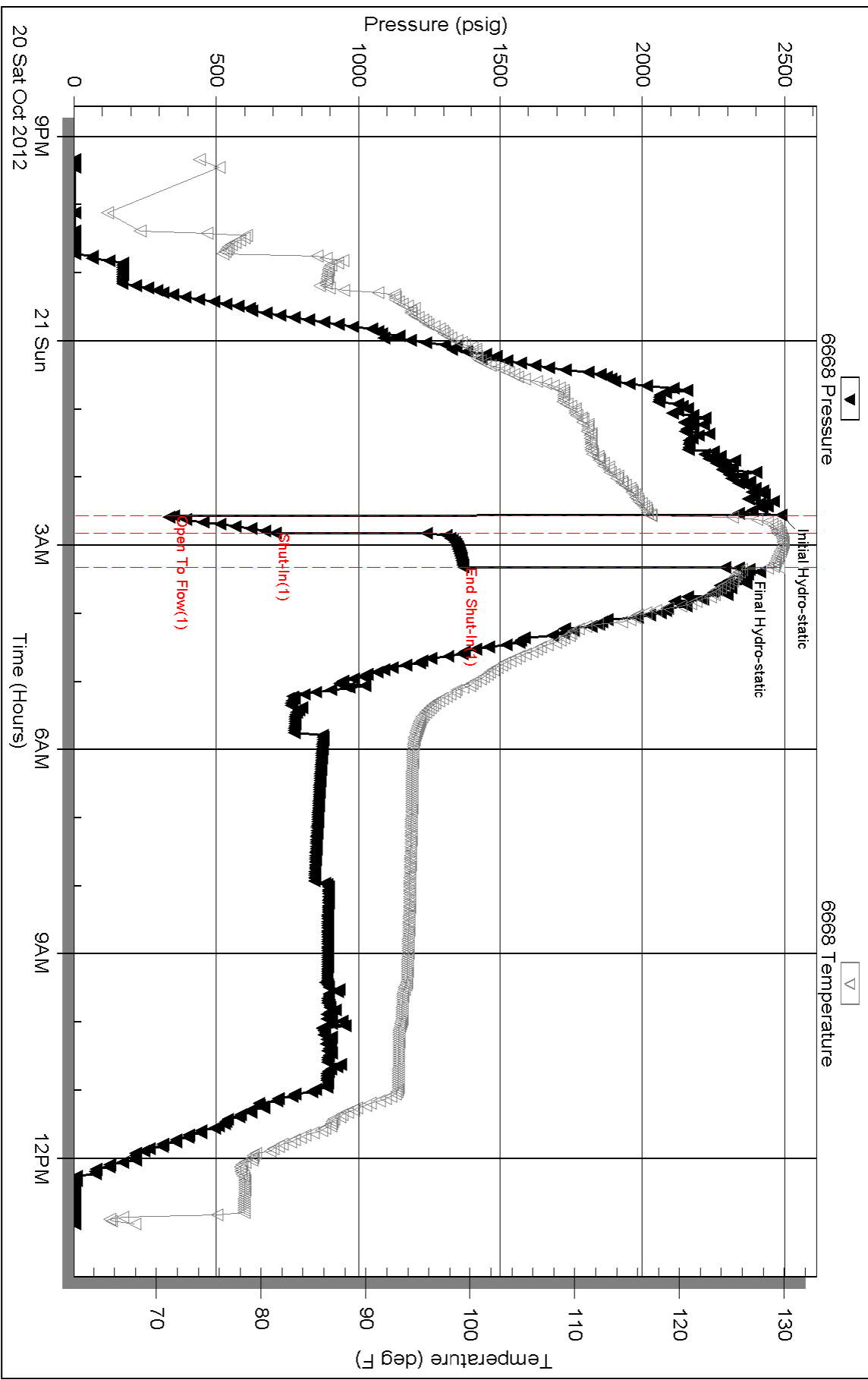
Inside

Berexco LLC

Charles #1

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 51076

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