DRILL STEM TEST REPORT

Berexco LLC

2020 Bramblew ood
Wichita KS 67206

ATTN: David Gould

31-23s-23w

Charles #1

Job Ticket: 51076 **DST#: 1**

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)
Total Depth: 4729.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

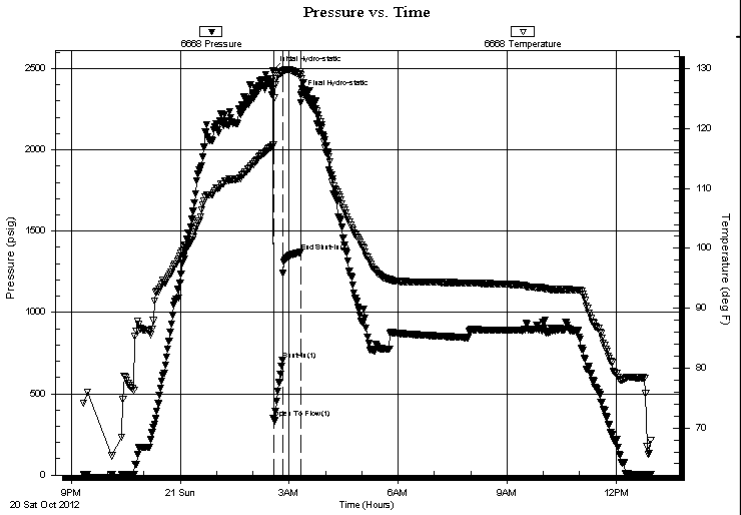
Reference Elevations: 2466.00 ft (KB)
2453.00 ft (CF)
KB to GR/CF: 13.00 ft

Serial #: 6668 **Inside**

Press@RunDepth: 707.56 psig @ 4720.00 ft (KB)
Start Date: 2012.10.20 End Date: 2012.10.21
Start Time: 21:20:15 End Time: 12:57:30

Capacity: 8000.00 psig
Last Calib.: 2012.10.21
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 ISI; 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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Test Start: 2012.10.20 @ 21:20:00

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:	bbl		
Water Loss:	8.17 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	inches				

Recovery Information

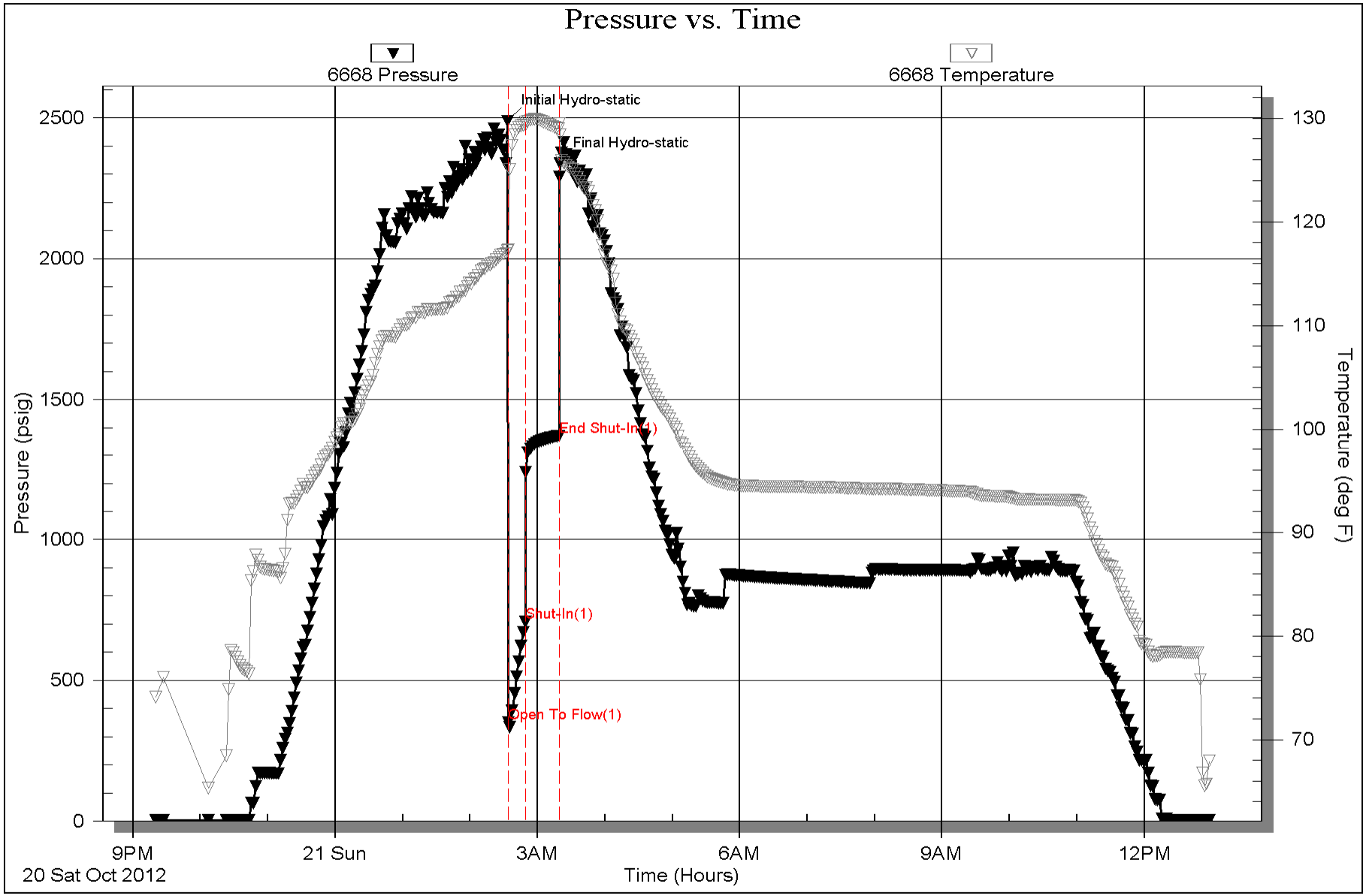
Recovery Table

Length ft	Description	Volume bbl
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



Trilobite Testing, Inc Ref. No: 51076 Printed: 2012.10.22 @ 09:51:40