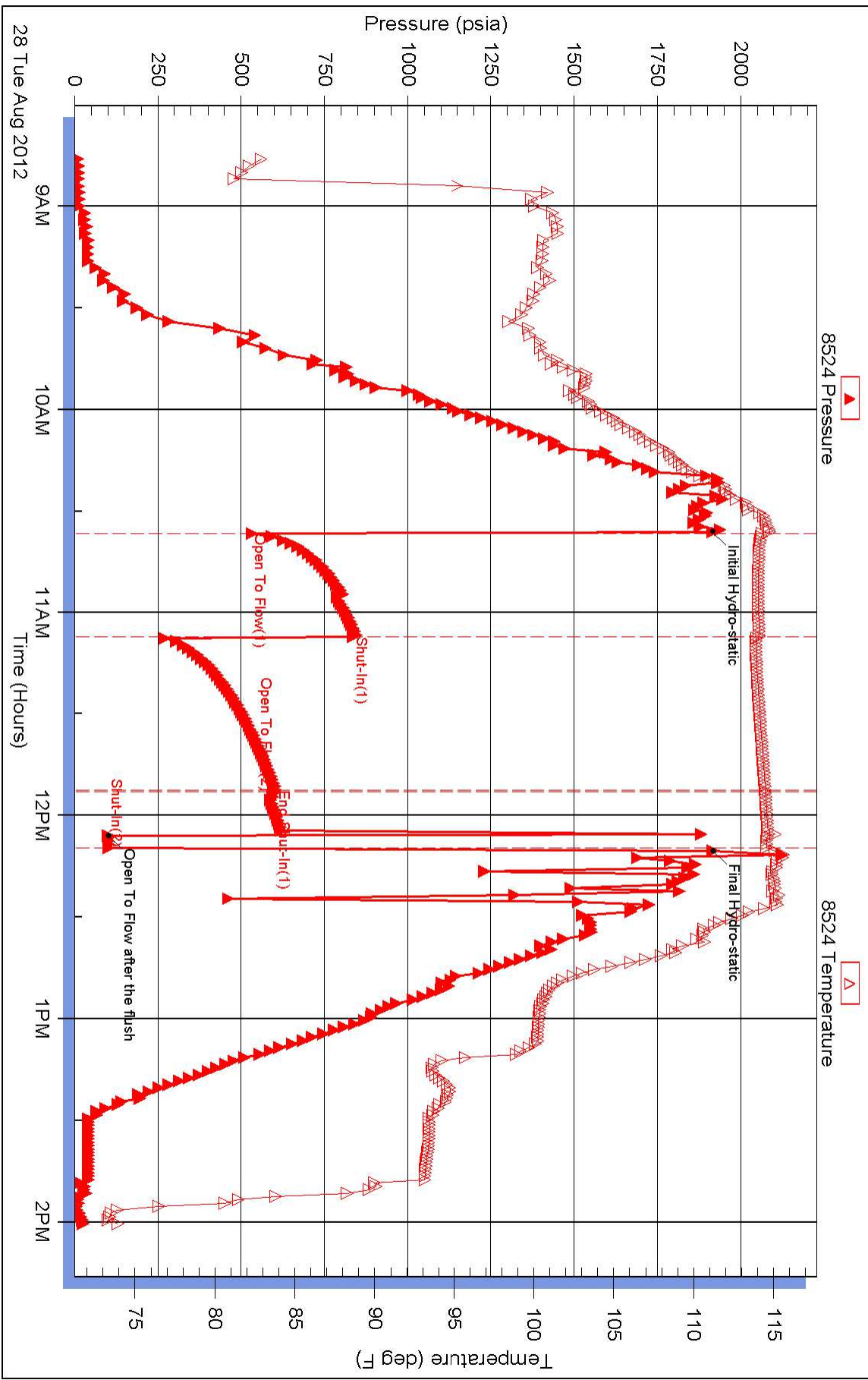
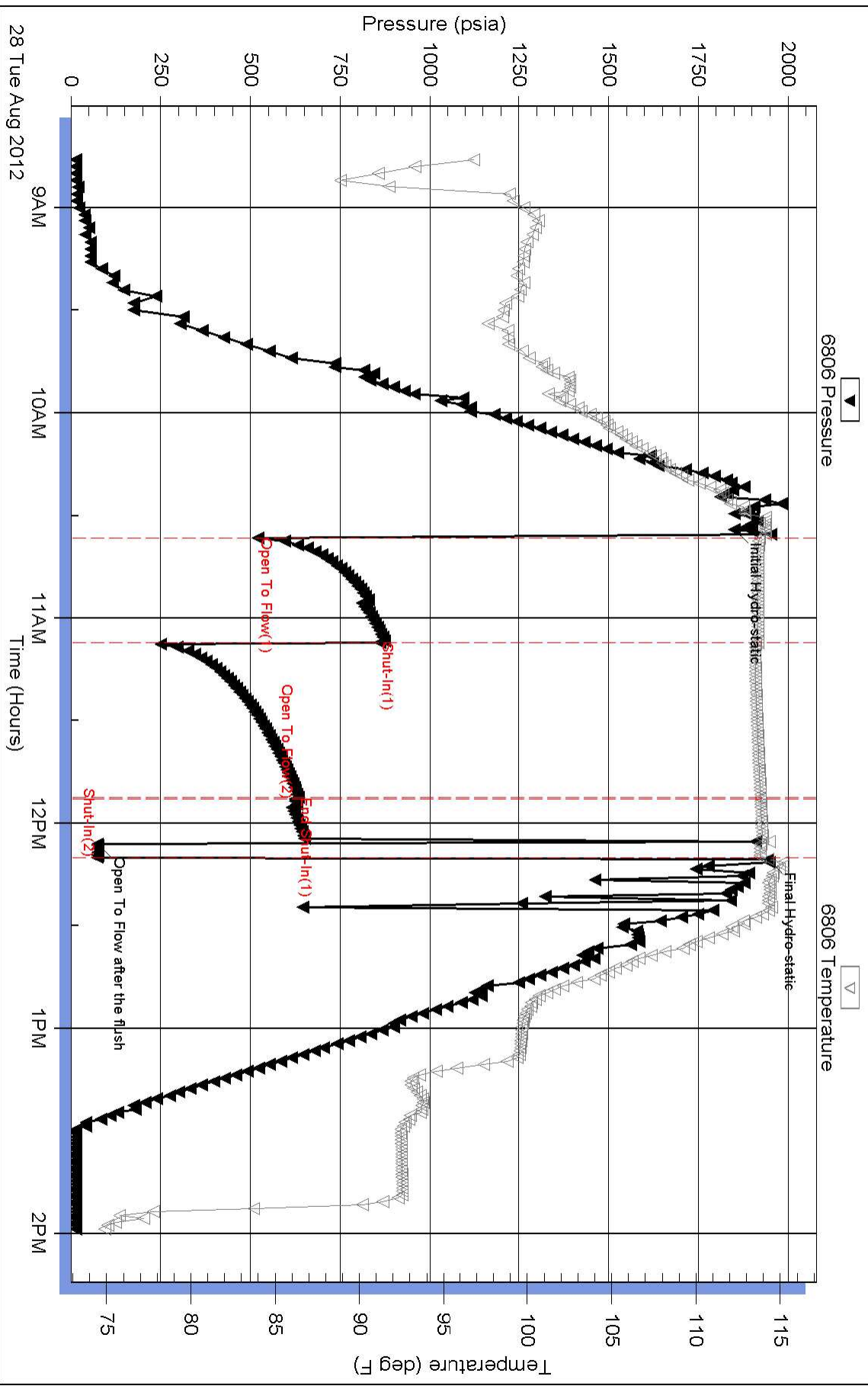


Pressure vs. Time



Pressure vs. Time





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Completion Systems

DRILL STEM TEST REPORT

FLUID SUMMARY

CAPTIVA II

445 ONION BLVD SUITE 208 LAKEWOOD CO
 80228

#1-2 WFOG

Job Ticket: 17731

DST#: 2

ATTN: CHARLIE STURDAVANT

Test Start: 2012.08.27 @ 00:00:00

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:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.80 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 8400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Drilling mud	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



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DRILL STEM TEST REPORT

TOOL DIAGRAM

CAPTIVA II

445 ONION BLVD SUITE 208 LAKEWOOD CO
 80228

#1-2 WFYOG

Job Ticket: 17731

DST#: 2

ATTN: CHARLIE STURDAVANT

Test Start: 2012.08.27 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3605.00 ft	Diameter: 3.80 inches	Volume: 50.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 51.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	3808.00 ft			Final 66000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.73 ft			
Tool Length:	97.73 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			3785.00	
Hydraulic Tool	5.00			3790.00	
Jars	6.00			3796.00	
Safety Joint	2.00			3798.00	
Packer	5.00			3803.00	28.00 Bottom Of Top Packer
Packer	5.00			3808.00	
Perforations	5.00			3813.00	
C.O. Sub	0.75			3813.75	
Drill Pipe	31.23			3844.98	
C.O. Sub	0.75			3845.73	
Perforations	27.00			3872.73	
Recorder	1.00	6806	Inside	3873.73	
Recorder	1.00	8524	Outside	3874.73	
Bullnose	3.00			3877.73	69.73 Bottom Packers & Anchor

Total Tool Length: 97.73



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DRILL STEM TEST REPORT

CAPTIVA II

445 ONION BLVD SUITE 208 LAKEWOOD CO
80228

#1-2 WFOG

Job Ticket: 17731

DST#: 2

ATTN: CHARLIE STURDAVANT

Test Start: 2012.08.27 @ 00:00:00

GENERAL INFORMATION:

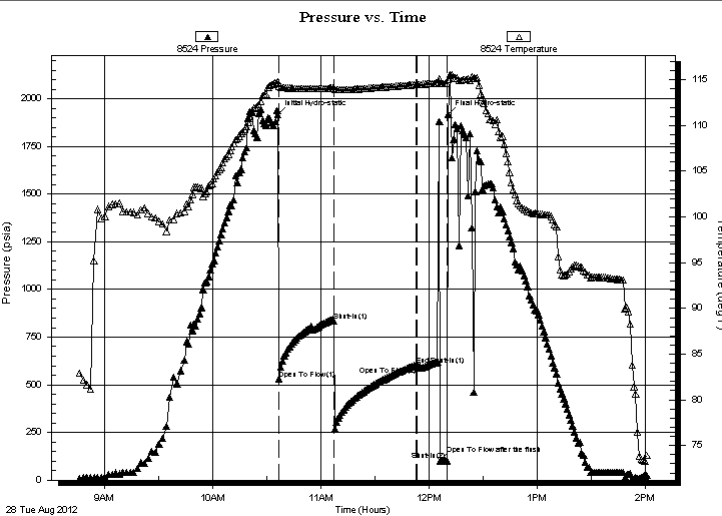
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3808.00 ft (KB) To 3878.00 ft (KB) (TVD)**
 Total Depth: 3878.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3345 45
 Reference Elevations: 1997.00 ft (KB)
 1986.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8524

Outside

Press @ RunDepth: 604.15 psia @ 3874.73 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.08.28 End Date: 2012.08.28 Last Calib.: 2012.08.28
 Start Time: 08:45:00 End Time: 14:00:30 Time On Btm: 2012.08.28 @ 10:36:00
 Time Off Btm: 2012.08.28 @ 12:10:30

TEST COMMENT: 1st Opening 30 Minutes-Weak blow for 6 minutes and died
 1st Shut-In 45 Minutes-No blow back
 2nd Openint 15 Minutes-No blow flushed tool after 10 minutes no help pulled the tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1915.23	114.75	Initial Hydro-static
1	531.75	114.30	Open To Flow (1)
31	835.96	114.09	Shut-In(1)
77	604.15	114.48	End Shut-In(1)
77	598.86	114.48	Open To Flow (2)
90	101.17	114.61	Open To Flow after the flush
94	101.75	114.57	Shut-In(2)
95	1917.38	115.08	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling mud	0.10

Gas Rates

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



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DRILL STEM TEST REPORT

CAPTIVA II

445 ONION BLVD SUITE 208 LAKEWOOD CO
80228

#1-2 WFOG

Job Ticket: 17731

DST#: 2

ATTN: CHARLIE STURDAVANT

Test Start: 2012.08.27 @ 00:00:00

GENERAL INFORMATION:

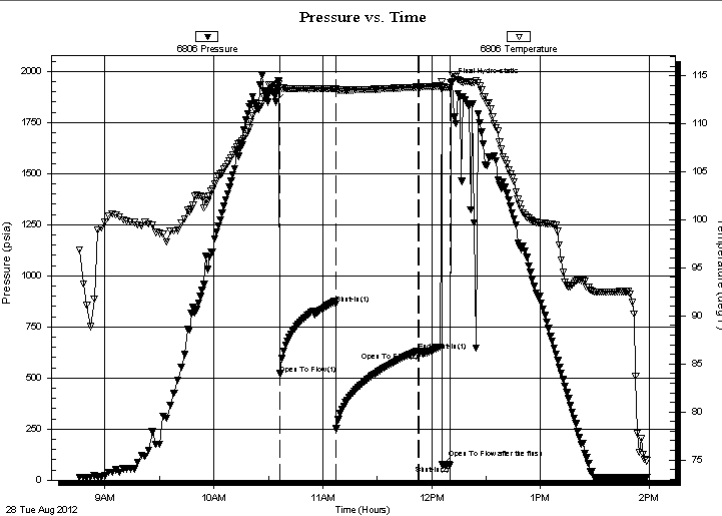
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:00:00
 Time Test Ended: 00:00:00
 Interval: **3808.00 ft (KB) To 3878.00 ft (KB) (TVD)**
 Total Depth: 3878.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: 3345 45
 Reference Elevations: 1997.00 ft (KB)
 1986.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 6806

Inside

Press @ RunDepth: 633.10 psia @ 3873.73 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.08.28 End Date: 2012.08.28 Last Calib.: 2012.08.28
 Start Time: 08:45:00 End Time: 13:58:30 Time On Btm: 2012.08.28 @ 10:34:00
 Time Off Btm: 2012.08.28 @ 12:10:30

TEST COMMENT: 1st Opening 30 Minutes-Weak blow for 6 minutes and died
 1st Shut-In 45 Minutes-No blow back
 2nd Openint 15 Minutes-No blow flushed tool after 10 minutes no help pulled the tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1850.65	114.10	Initial Hydro-static
3	521.08	113.78	Open To Flow (1)
33	860.46	113.67	Shut-In(1)
79	633.10	113.83	End Shut-In(1)
79	624.31	113.83	Open To Flow (2)
92	74.35	113.86	Open To Flow after the flush
96	73.51	113.81	Shut-In(2)
97	1944.63	114.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Drilling mud	0.10

Gas Rates

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



Weatherford® Completion Systems

DRILL STEM TEST REPORT

Prepared For: **CAPTIVA II**

445 ONION BLVD SUITE 208 LAKEWOOD
CO 80228

ATTN: CHARLIE STURDAVANT

#1-2 WFYOG

Start Date: 2012.08.27 @ 00:00:00

End Date: 2012.08.27 @ 00:00:00

Job Ticket #: 17731 DST #: 2

ALPINE OIL SERVICES CORPORATION
2460, 240 - 4 Avenue S.W. Calgary, AB. T2P 4H4
ph: 263-7800 fax: 264-7260

Printed: 2012.08.28 @ 00:37:04

CAPTIVA II
#1-2 WFYOG
DST # 2
Conglomerate
2012.08.27