



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

6-15s-16w-Ellis

1515 Wynkoop
Suite 700
Denver, CO. 80202
ATTN: Chris Mitchell

Arthur et al #1-6

Job Ticket: 52247

DST#: 1

Test Start: 2013.05.17 @ 23:17:36

GENERAL INFORMATION:

Formation: **F-G**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 01:54:51

Time Test Ended: 07:34:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: 3246.00 ft (KB) To 3296.00 ft (KB) (TVD)

Reference Elevations: 1917.00 ft (KB)

Total Depth: 3296.00 ft (KB) (TVD)

1907.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8789

Inside

Press @ Run Depth: 53.10 psig @ 3283.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.17

End Date:

2013.05.18

Last Calib.:

2013.05.18

Start Time:

23:17:38

End Time:

07:34:06

Time On Btm:

2013.05.18 @ 01:54:06

Time Off Btm:

2013.05.18 @ 05:38:06

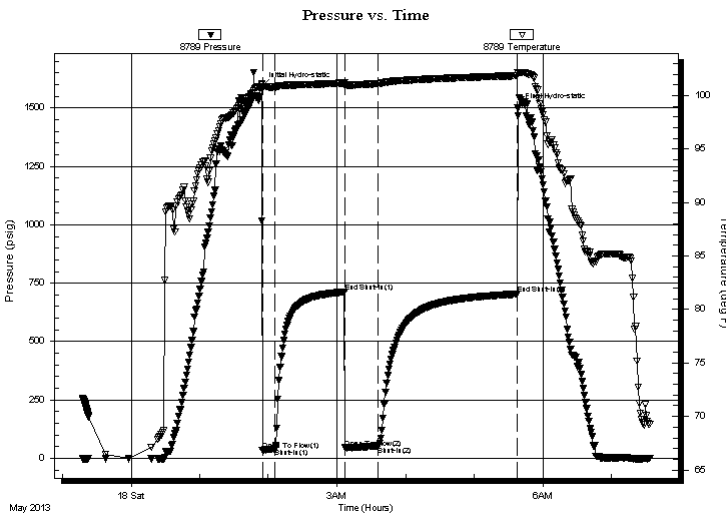
TEST COMMENT: IFP-Weak Blow , Built to 1-3/4"

ISI-Dead

FFP-Weak Blow , Built to 1"

FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1589.83	101.07	Initial Hydro-static
1	34.53	100.79	Open To Flow (1)
12	40.61	100.78	Shut-In(1)
73	713.08	101.17	End Shut-In(1)
73	44.82	100.92	Open To Flow (2)
102	53.10	101.11	Shut-In(2)
224	703.45	101.86	End Shut-In(2)
224	1499.59	102.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Muddy Water W/Oil Spots	0.42

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: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	18500 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5100.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Muddy Water W/Oil Spots	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

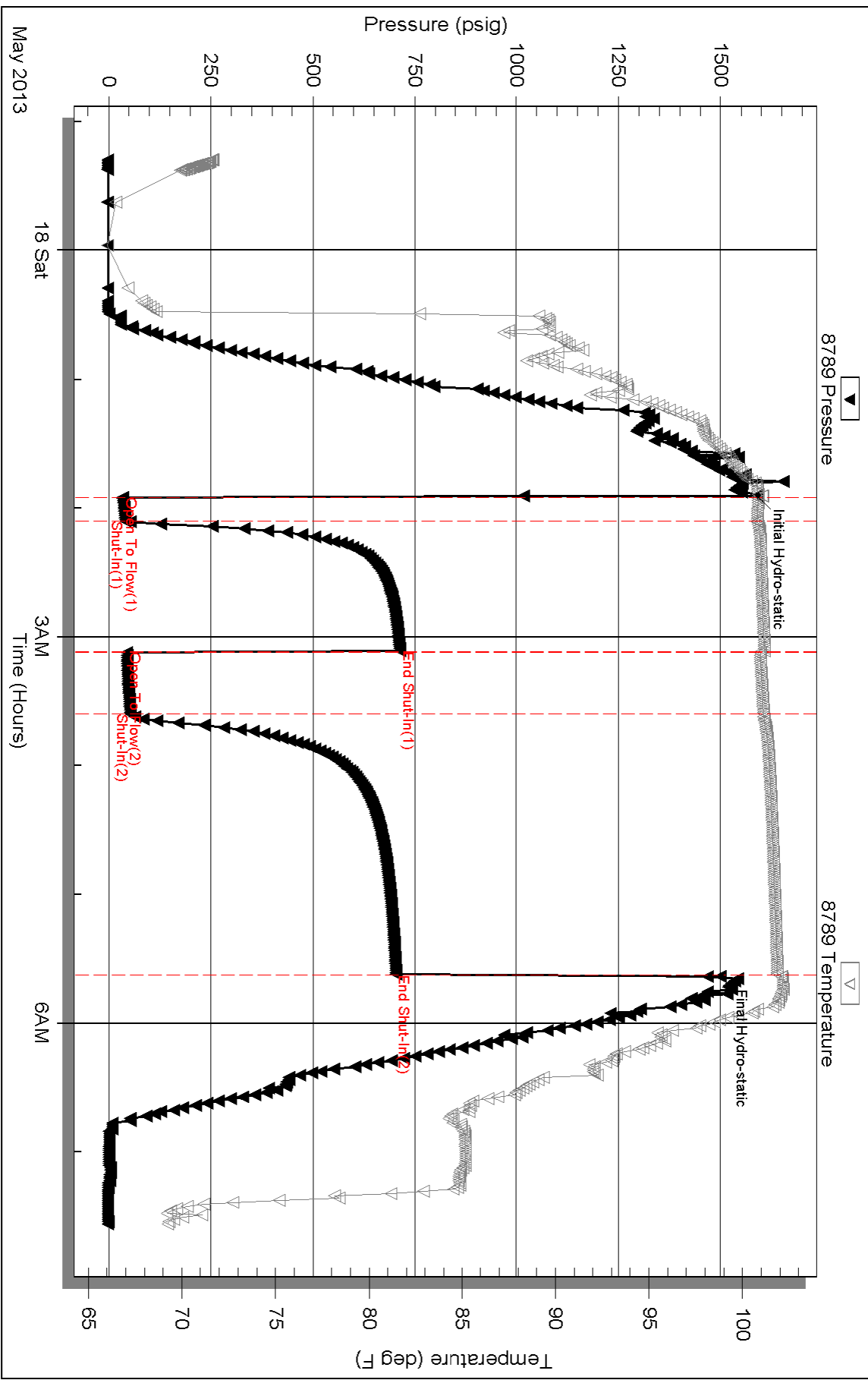
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 125#,2500ml Water,500ml Mud

Pressure vs. Time



Serial #: 6668

Fluid

Samuel Gary Jr. & Associates

Arthur et al #1-6

DST Test Number: 1

