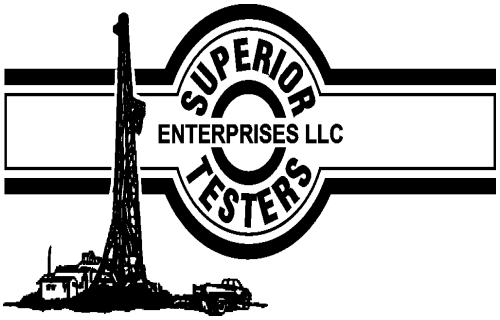


DRILL STEM TEST REPORT

Prepared For: **Shelby Resources LLC**

2717 Canal Blvd
Suite C
Hays, Kansas 67601

ATTN: Keith Reavis

Acheson Trust #1-20

20/9S/21W/Graham

Start Date: 2012.03.15 @ 14:22:00
End Date: 2012.03.15 @ 19:53:30
Job Ticket #: 17171 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2012.03.15 @ 20:04:37

DRILL STEM TEST REPORT

Shelby Resources LLC

2717 Canal Blvd
Suite C
Hays, Kansas 67601
ATTN: Keith Reavis

20/9S/21W/Graham

Acheson Trust #1-20

Job Ticket: 17171 **DST#: 1**

Test Start: 2012.03.15 @ 14:22:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:24:30
Time Test Ended: 19:53:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Hays/90

Interval: 3844.00 ft (KB) To 3920.00 ft (KB) (TVD)
Total Depth: 3920.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

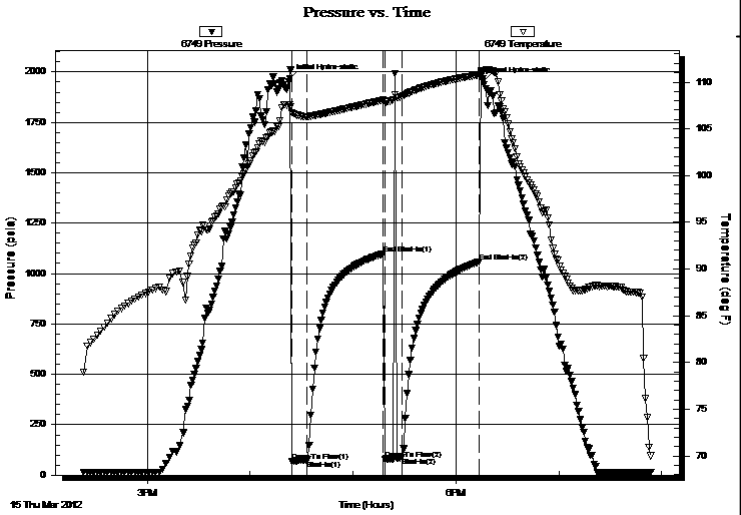
Reference Elevations: 2372.00 ft (KB)
2363.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6749

Press@RunDepth: 87.52 psia @ ft (KB)
Start Date: 2012.03.15 End Date: 2012.03.15
Start Time: 14:22:00 End Time: 19:53:30

Capacity: 5000.00 psia
Last Calib.: 2012.03.15
Time On Btm: 2012.03.15 @ 16:23:00
Time Off Btm: 2012.03.15 @ 18:16:00

TEST COMMENT:
1ST Open 10 Minutes/Weak blow /Blow built to 1/2 inch in bucket of water
1ST Shut In 45 Minutes/No blow back
2ND Open 10 Minutes/No blow /Flush tool didnt help
2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1965.78	107.56	Initial Hydro-static
2	69.29	106.74	Open To Flow (1)
10	75.04	106.28	Shut-In(1)
55	1097.11	108.06	End Shut-In(1)
56	77.94	107.85	Open To Flow (2)
66	87.52	108.46	Shut-In(2)
111	1058.41	110.77	End Shut-In(2)
113	1951.80	111.19	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% with show of oil in tool	0.05

Gas Rates

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

DRILL STEM TEST REPORT

Shelby Resources LLC

2717 Canal Blvd
Suite C
Hays, Kansas 67601
ATTN: Keith Reavis

20/9S/21W/Graham

Acheson Trust #1-20

Job Ticket: 17171 **DST#: 1**

Test Start: 2012.03.15 @ 14:22:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:24:30
Time Test Ended: 19:53:30

Test Type: Conventional Bottom Hole (Initial)
Tester: Ken Swinney
Unit No: 3325 Hays/90

Interval: 3844.00 ft (KB) To 3920.00 ft (KB) (TVD)
Total Depth: 3920.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

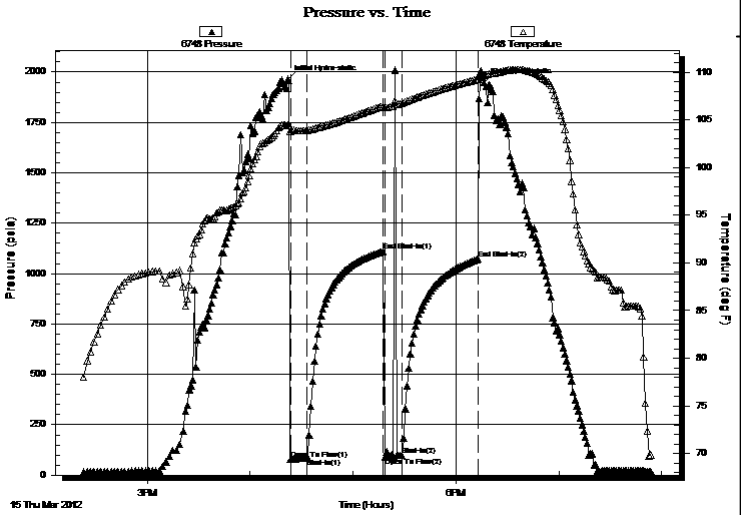
Reference Elevations: 2372.00 ft (KB)
2363.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6748

Press@RunDepth: 1072.27 psia @ ft (KB)
Start Date: 2012.03.15 End Date: 2012.03.15
Start Time: 14:22:00 End Time: 19:53:30

Capacity: 5000.00 psia
Last Calib.: 2012.03.15
Time On Btm: 2012.03.15 @ 16:22:00
Time Off Btm: 2012.03.15 @ 18:16:30

TEST COMMENT:
1ST Open 10 Minutes/Weak blow /Blow built to 1/2 inch in bucket of water
1ST Shut In 45 Minutes/No blow back
2ND Open 10 Minutes/No blow /Flush tool didnt help
2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1964.83	104.45	Initial Hydro-static
2	78.65	103.78	Open To Flow (1)
11	85.86	103.88	Shut-In(1)
56	1110.10	106.45	End Shut-In(1)
57	90.56	106.25	Open To Flow (2)
67	99.72	106.71	Shut-In(2)
111	1072.27	109.27	End Shut-In(2)
115	1947.62	109.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud 100% with show of oil in tool	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Shelby Resources LLC

2717 Canal Blvd
Suite C
Hays, Kansas 67601
ATTN: Keith Reavis

20/9S/21W/Graham

Acheson Trust #1-20

Job Ticket: 17171 **DST#: 1**

Test Start: 2012.03.15 @ 14:22:00

Tool Information

Drill Pipe:	Length:	3668.00 ft	Diameter:	3.88 inches	Volume:	53.64 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:		72000.00 lb
					Total Volume:	54.53 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		31.00 ft					String Weight:	Initial	67000.00 lb
Depth to Top Packer:		3844.00 ft						Final	67000.00 lb
Depth to Bottom Packer:		ft							
Interval betw een Packers:		76.19 ft							
Tool Length:		103.19 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3822.00		
Hydrolic Tool	5.00			3827.00		
Jars	5.00			3832.00		
Safety Joint	2.00			3834.00		
Packer	5.00			3839.00	27.00	Bottom Of Top Packer
Packer	5.00			3844.00		
Perforations	6.00			3850.00		
Change Over Sub	0.65			3850.65		
Drill Pipe	31.89			3882.54		
Change Over Sub	0.65			3883.19		
Anchor	32.00			3915.19		
Recorder	1.00	6749	Inside	3916.19		
Recorder	1.00	6748	Outside	3917.19		
Bullnose	3.00			3920.19	76.19	Bottom Packers & Anchor
Total Tool Length:	**103.19**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Shelby Resources LLC

2717 Canal Blvd
Suite C
Hays, Kansas 67601
ATTN: Keith Reavis

20/9S/21W/Graham

Acheson Trust #1-20

Job Ticket: 17171 **DST#: 1**

Test Start: 2012.03.15 @ 14:22:00

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:	65.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	6.40 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	1900.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

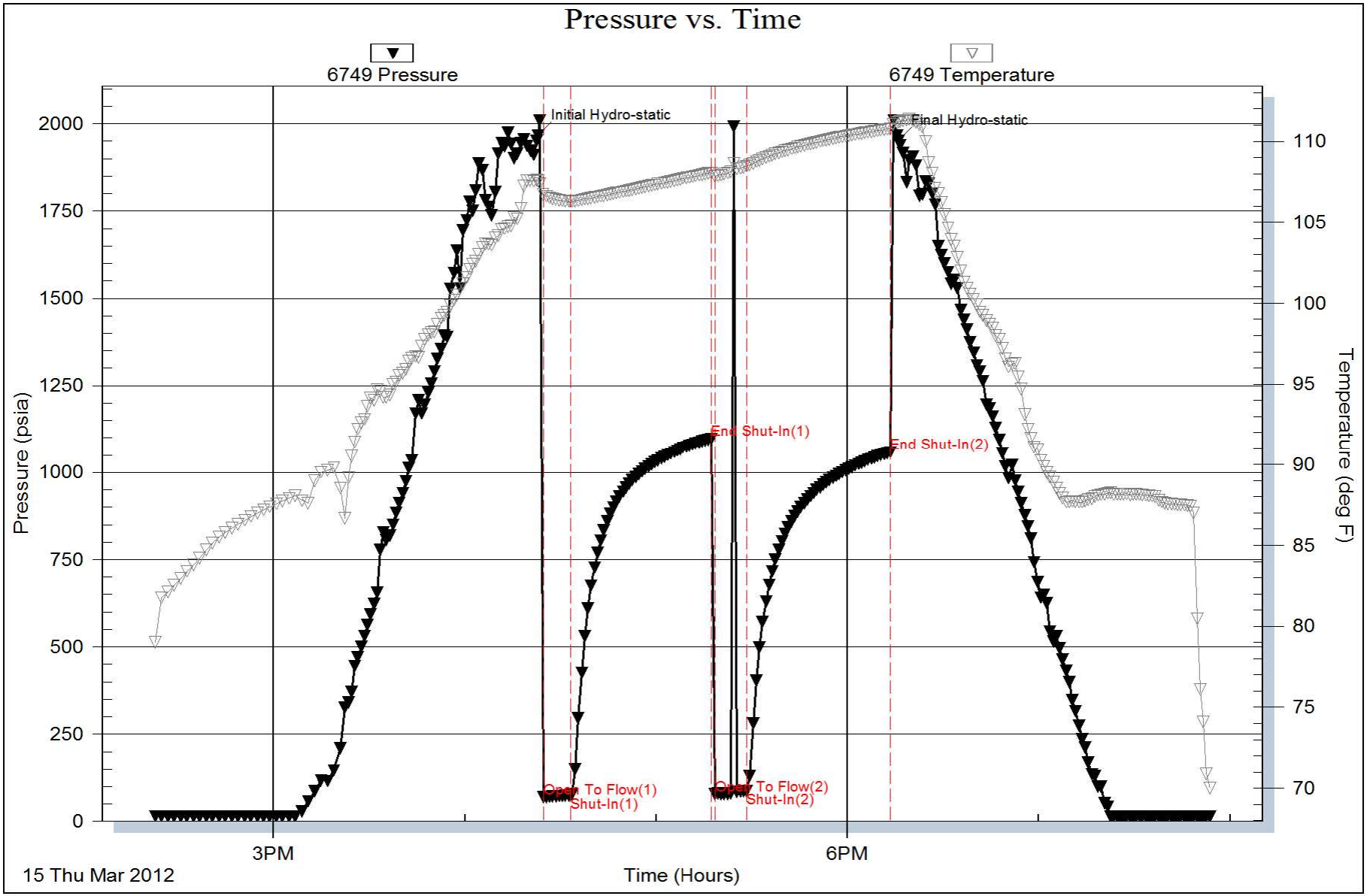
Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100% with show of oil in tool	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6749 Shelby Resources LLC Acheson Trust #1-20 DST Test Number: 1



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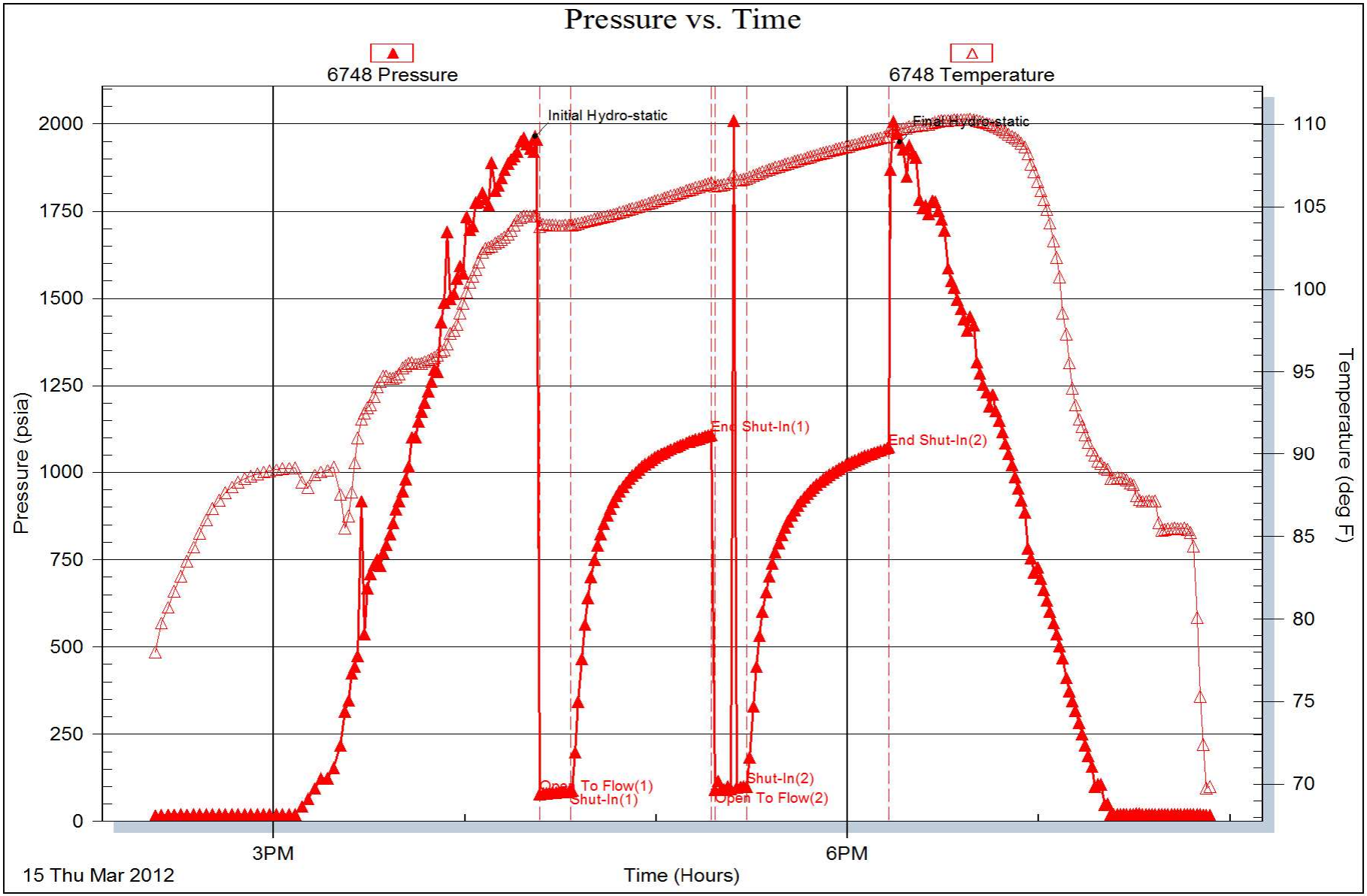
Serial #: 6748 Shelby Resources LLC Acheson Trust #1-20 DST Test Number: 1



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