



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

B5 Operating LLC
P.O.Box 45
Wellington Ks. 67152
ATTN: Kevin Kessler

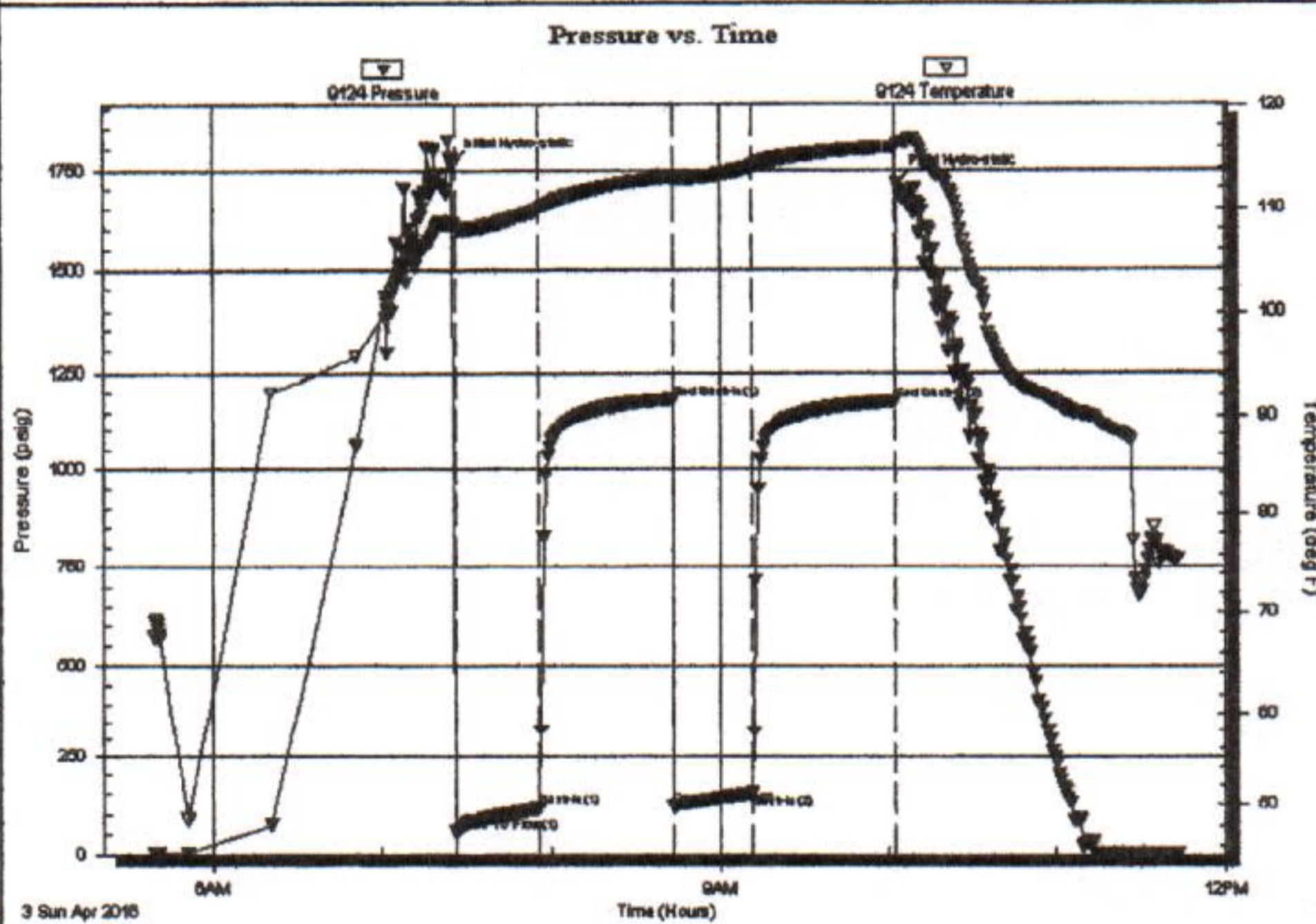
10-33s-3w Sumner Ks.
Simon Bros.#1
Job Ticket: 57940 **DST#: 1**
Test Start: 2016.04.03 @ 05:38:36

GENERAL INFORMATION:

Formation: **Dennis / Swope**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:25:51
Time Test Ended: 11:43:36
Test Type: Conventional Bottom Hole (Initial)
Tester: Gary Pevoteaux
Unit No: 80
Interval: **3450.00 ft (KB) To 3510.00 ft (KB) (TVD)**
Total Depth: 3510.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 1183.00 ft (KB)
1178.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 9124 **Outside**
Press@RunDepth: 154.28 psig @ 3451.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.03 End Date: 2016.04.03 Last Calib.: 2016.04.03
Start Time: 05:38:36 End Time: 11:43:36 Time On Btm: 2016.04.03 @ 07:25:06
Time Off Btm: 2016.04.03 @ 10:03:21

TEST COMMENT: IF: Fair blow . Slow increase to 13".
IS: No blow .
FF: Weak to fair blow . Slow increase to 7".
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1761.32	108.53	Initial Hydro-static
1	54.98	107.74	Open To Flow (1)
31	115.46	109.91	Shut-In(1)
78	1182.75	113.16	End Shut-In(1)
79	121.34	112.68	Open To Flow (2)
107	154.28	114.07	Shut-In(2)
158	1177.27	116.00	End Shut-In(2)
159	1717.78	116.29	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SW / Rw .07ohms@77 deg	0.59
125.00	MW 39%m 61%w	1.75
30.00	Drig.mud (slight oder)	0.42

Gas Rates

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

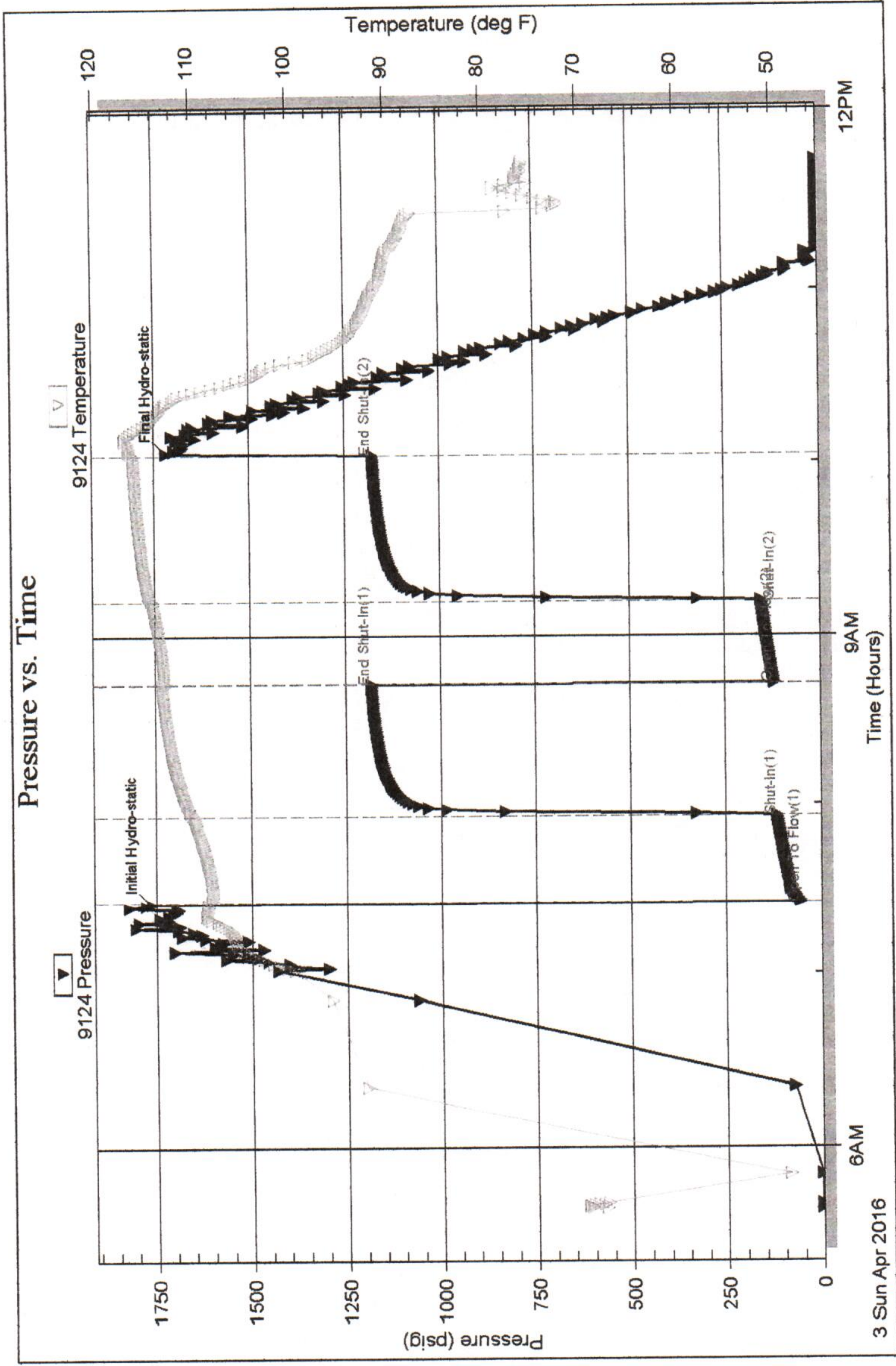
DST Test Number: 1

Simon Bros #1

Outside B5 Operating LLC

Serial #: 9124

Pressure vs. Time



3 Sun Apr 2016

9AM

12PM

Trilobite Testing, Inc

Ref. No: 57940

Printed: 2016.04.03 @ 11:53:37



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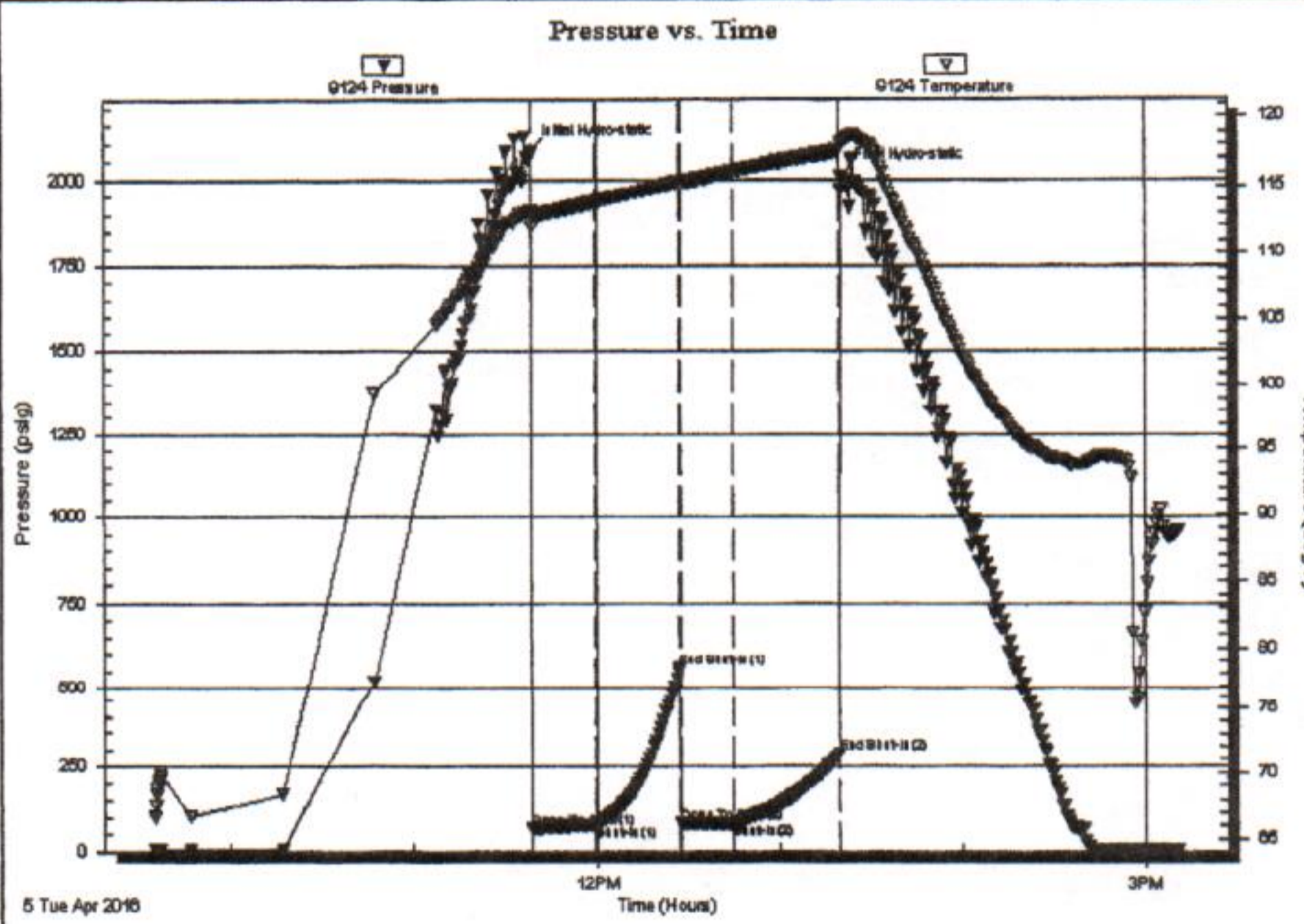
10-33s-3w Sumner Ks.
Simon Bros.#1
Job Ticket: 57941 **DST#: 2**
Test Start: 2016.04.05 @ 09:35:09

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:39:09
Time Test Ended: 15:10:39
Interval: **4028.00 ft (KB) To 4040.00 ft (KB) (TVD)**
Total Depth: **4040.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: Gary Pevoteaux
Unit No: 80
Reference Elevations: 1183.00 ft (KB)
1178.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 9124 Outside
Press@RunDepth: 82.01 psig @ 4029.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.05 End Date: 2016.04.05 Last Calib.: 2016.04.05
Start Time: 09:35:09 End Time: 15:10:39 Time On Btm: 2016.04.05 @ 11:38:09
Time Off Btm: 2016.04.05 @ 13:20:24

TEST COMMENT: IF:Weak blow . 1/4" or less.
IS:No blow .
FF:No blow .
FSI:No blow .



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2079.39	113.08	Initial Hydro-static
1	65.81	111.90	Open To Flow (1)
22	77.28	113.83	Shut-In(1)
49	559.74	115.32	End Shut-In(1)
50	81.66	115.18	Open To Flow (2)
67	82.01	116.06	Shut-In(2)
102	286.53	117.55	End Shut-In(2)
103	2008.31	118.05	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
122.00	Drig.mud	0.62

Gas Rates			
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

* Recovery from multiple tests

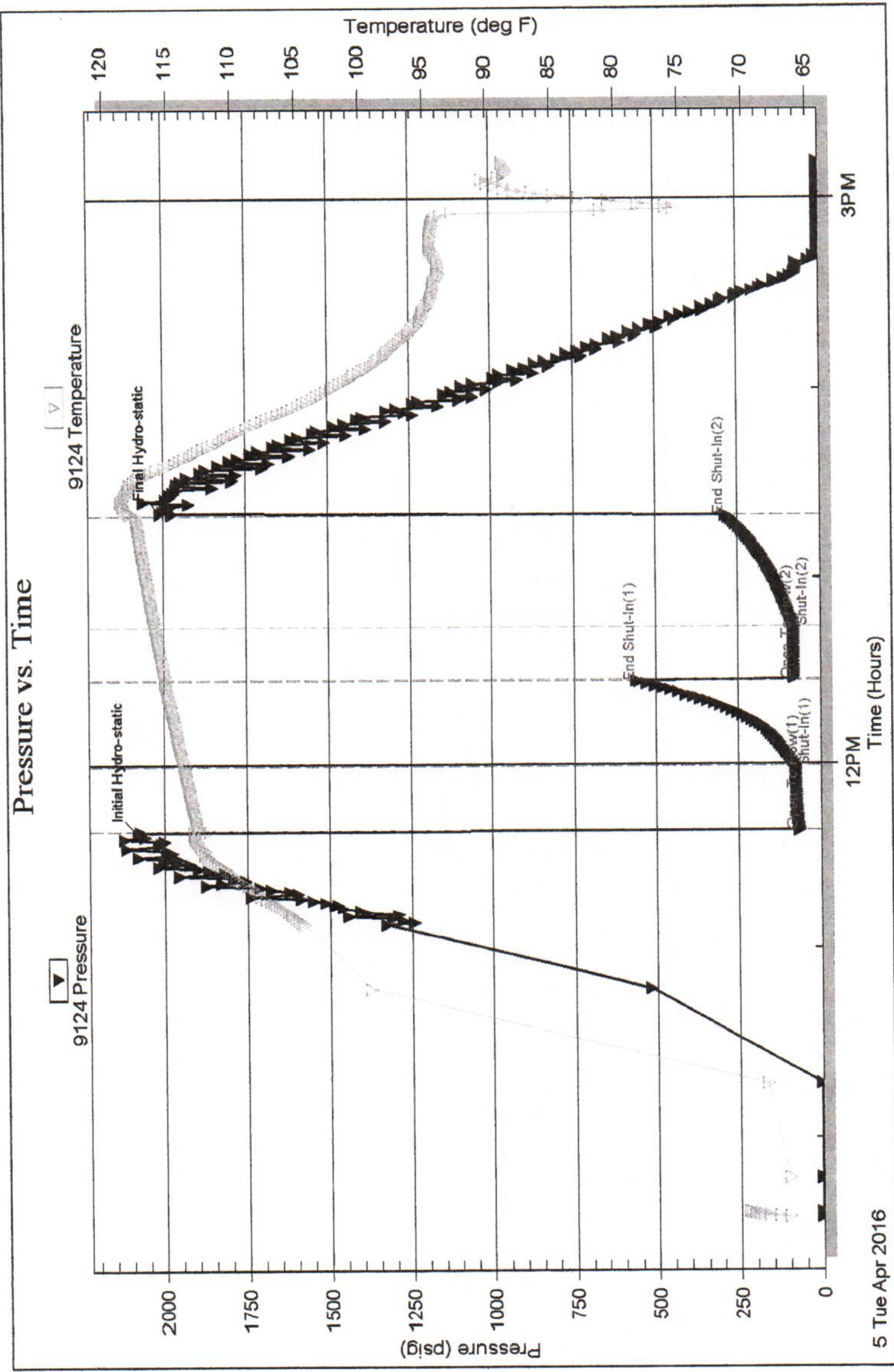
DST Test Number: 2

Simon Bros.#1

Outside B5 Operating LLC

Serial #: 9124

Pressure vs. Time



5 Tue Apr 2016

12PM

3PM

Trilobite Testing, Inc

Ref. No: 57941

Printed: 2016.04.05 @ 15:17:20



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

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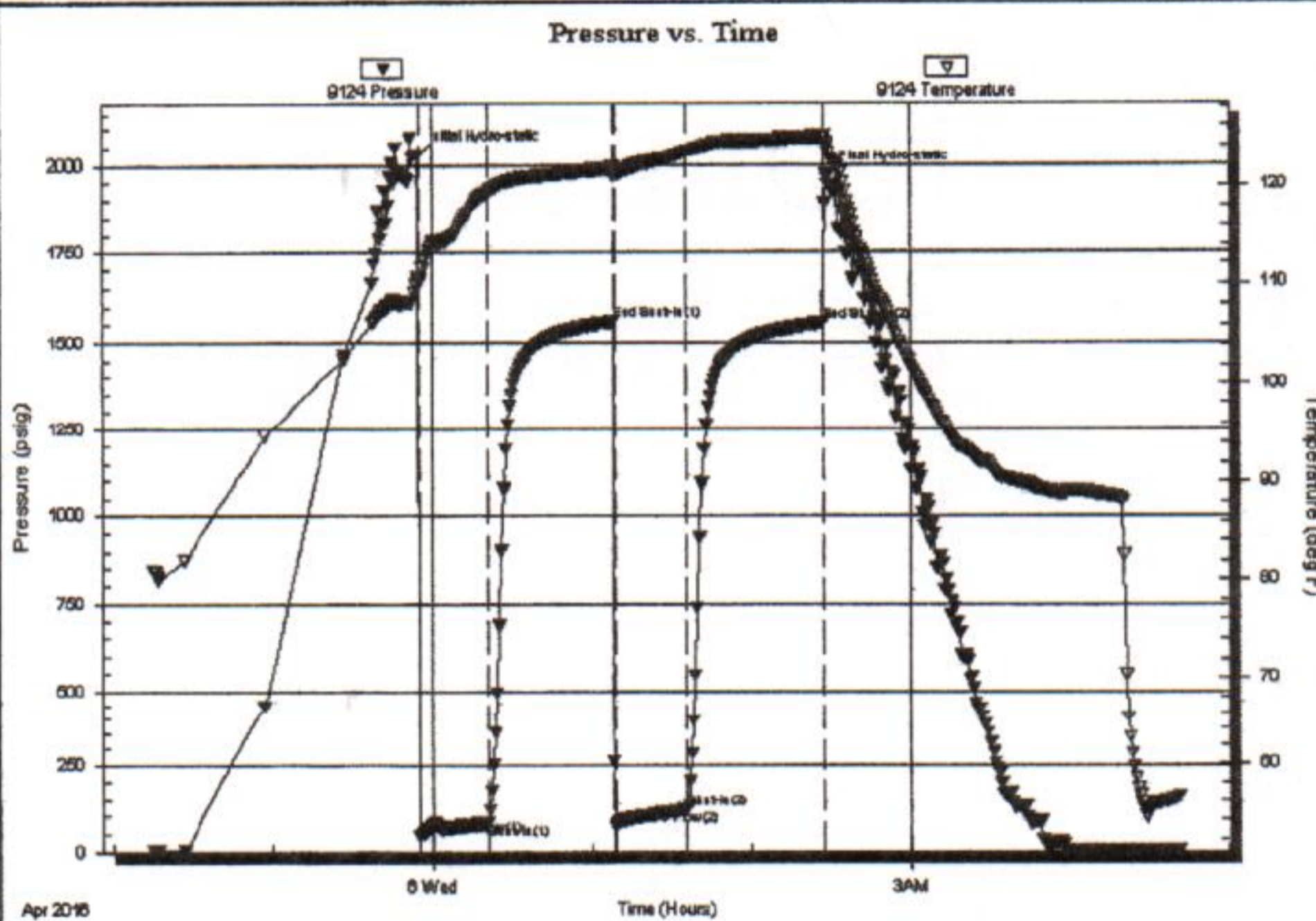
10-33s-3w Sumner Ks.
Simon Bros.#1
 Job Ticket: 57942 **DST#: 3**
 Test Start: 2016.04.05 @ 22:14:56

GENERAL INFORMATION:

Formation: **Miss.**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 23:55:11
 Time Test Ended: 04:41:11
 Interval: **4040.00 ft (KB) To 4060.00 ft (KB) (TVD)**
 Total Depth: 4060.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Gary Pevoteaux
 Unit No: 80
 Reference Elevations: 1183.00 ft (KB)
 1178.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 9124 Outside
 Press@RunDepth: 120.62 psig @ 4041.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.04.05 End Date: 2016.04.06 Last Calib.: 2016.04.06
 Start Time: 22:14:56 End Time: 04:41:11 Time On Btm: 2016.04.05 @ 23:54:26
 Time Off Btm: 2016.04.06 @ 02:28:41

TEST COMMENT: IF: Strong blow . B.O.B. in 14 mins.
 IS: Weak blow . 1 - 5".
 FF: Strong blow . B.O.B. in 90 secs.
 FS: Weak to fair blow . 1 - 7".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2025.34	110.37	Initial Hydro-static
1	44.39	110.05	Open To Flow (1)
27	80.52	119.36	Shut-In(1)
74	1560.24	121.67	End Shut-In(1)
75	72.80	121.31	Open To Flow (2)
102	120.62	123.31	Shut-In(2)
153	1556.48	124.84	End Shut-In(2)
155	1961.71	123.90	Final Hydro-static

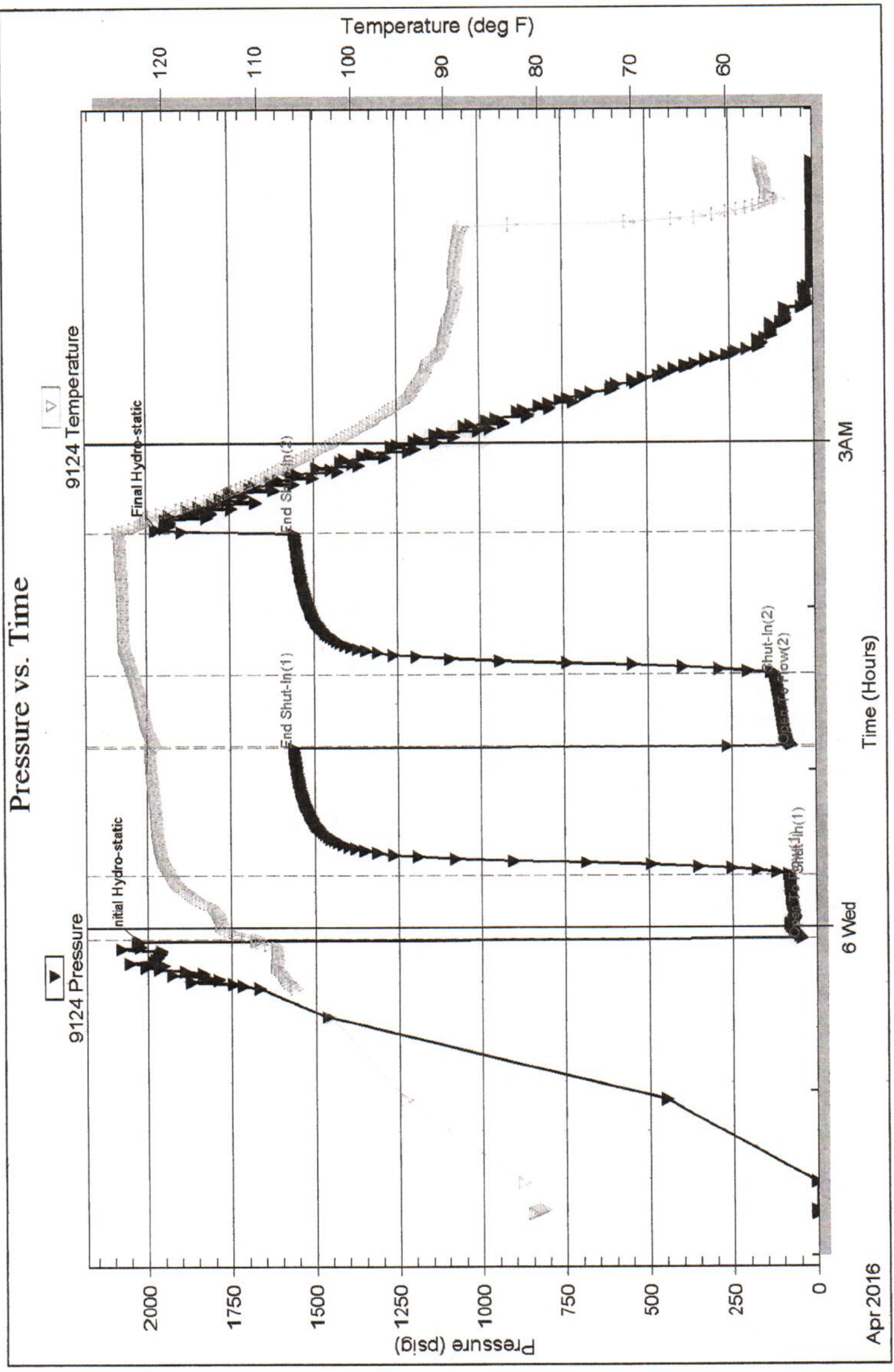
Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCW 4%o 96%w Rw .09@67deg	0.59
65.00	GOCMW 45%g 11%o 16%m 28%w	0.91
80.00	GOCM 45%g 22%o 33%m	1.12
0.00	1262 ft.of GIP	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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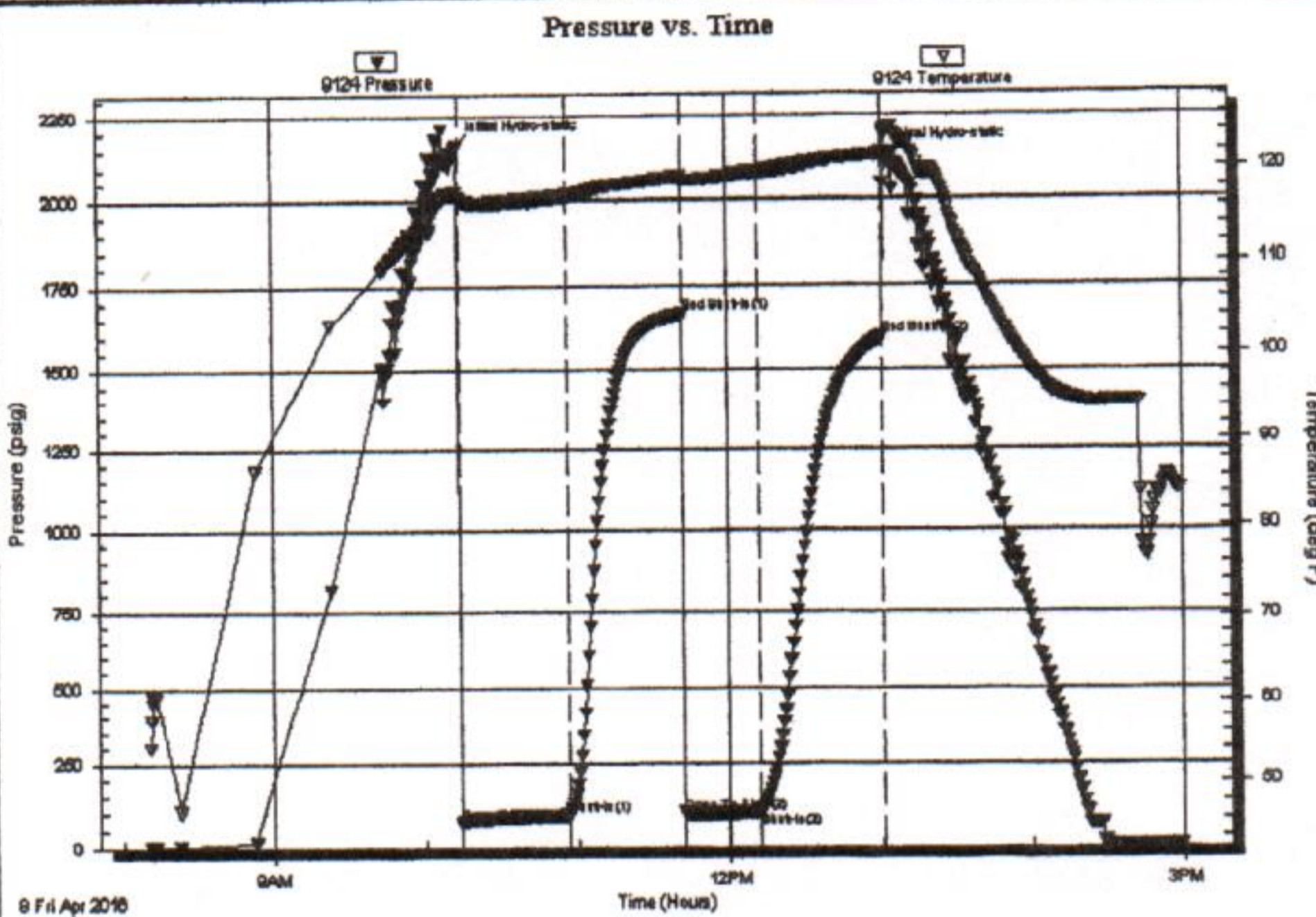
10-33s-3w Sumner Ks.
Simon Bros.#1
 Job Ticket: 57943 **DST#: 4**
 Test Start: 2016.04.08 @ 08:11:09

GENERAL INFORMATION:

Formation: **Simpson Sd.**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 10:14:09
 Tester: Gary Pevoteaux
 Time Test Ended: 14:58:54
 Unit No: 80
 Interval: **4323.00 ft (KB) To 4383.00 ft (KB) (TVD)**
 Reference Elevations: 1183.00 ft (KB)
 Total Depth: 4383.00 ft (KB) (TVD)
 1178.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

Serial #: 9124 Outside
 Capacity: 8000.00 psig
 Press@RunDepth: 102.20 psig @ 4324.00 ft (KB)
 Last Calib.: 2016.04.08
 Start Date: 2016.04.08 End Date: 2016.04.08
 Time On Btm: 2016.04.08 @ 10:12:54
 Start Time: 08:11:09 End Time: 14:58:54
 Time Off Btm: 2016.04.08 @ 13:02:39

TEST COMMENT: IF:Weak blow . 1 - 3 1/4"
 IS:No blow .
 FF:Very weak blow . (surface) Dead in 14 mins.
 FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2160.54	117.35	Initial Hydro-static
2	70.92	116.60	Open To Flow (1)
44	94.14	117.02	Shut-In(1)
89	1663.49	119.14	End Shut-In(1)
90	98.34	118.73	Open To Flow (2)
120	102.20	119.56	Shut-In(2)
169	1594.10	121.49	End Shut-In(2)
170	2126.08	124.24	Final Hydro-static

Recovery

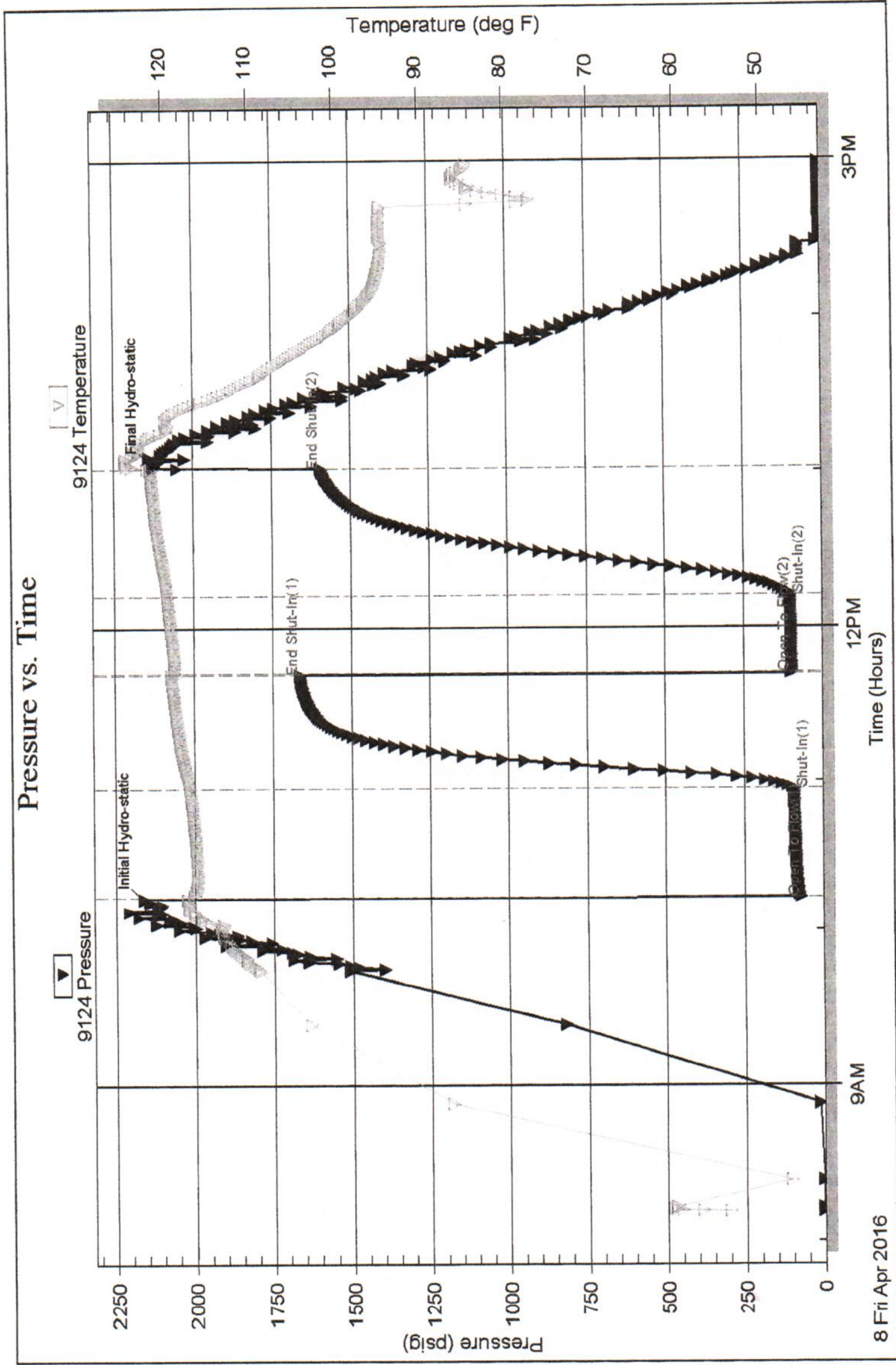
Length (ft)	Description	Volume (bbl)
60.00	SGCWM 4%g 14%w 82%m	0.30
0.00	Rw .24 ohms @ 85 deg	0.00
115.00	Drig.mud	1.07

* Recovery from multiple tests

Gas Rates

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

Pressure vs. Time

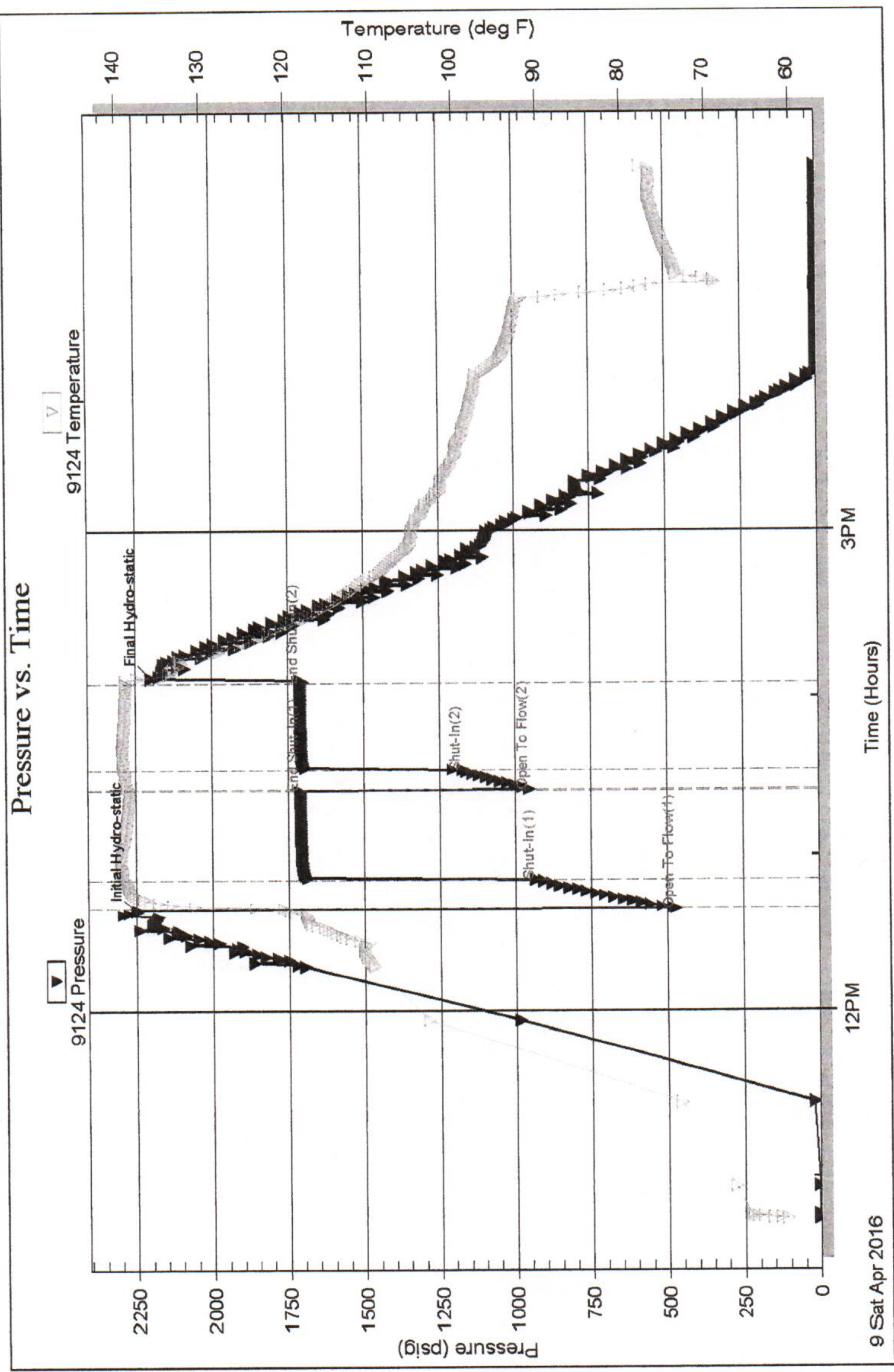


DST Test Number: 5

Simon Bros.#1

Outside B5 Operating LLC

Serial #: 9124



Printed: 2016.04.09 @ 17:26:27

Ref. No: 57944

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