



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1313453  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

*(Data must be collected from the Reserve Pit)*

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1313453

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing     Pumping     Gas Lift     Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	B5 Operating, LLC
Well Name	SIMONS BROS. UNIT 1
Doc ID	1313453

All Electric Logs Run

Porosity Log
Dual Induction
Sonic
Micro
CBL



810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. 2734  
 Foreman Steve Mead  
 Camp Eureka KS

15-191-22775

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
3-29-16		Simon Bros #1	10	33	3	Sumner	KS
Customer			Unit #	Driver	Unit #	Driver	
Meridith Family Partnership LP			104	ALAN			
Mailing Address			113	KEVIN			
475 N West Rd							
City	State	Zip Code					
Wellington	KS	67152					

Job Type Surface Hole Depth 263' Slurry Vol. \_\_\_\_\_ Tubing \_\_\_\_\_  
 Casing Depth 263' Hole Size 12"41 Slurry Wt. \_\_\_\_\_ Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 8 5/8 23" Cement Left in Casing 15' Water Gal/SK \_\_\_\_\_ Other \_\_\_\_\_  
 Displacement \_\_\_\_\_ Displacement PSI \_\_\_\_\_ Bump Plug to \_\_\_\_\_ BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 8 5/8 casing. Pump 10 bbls Fresh water ahead. Mix 175 sks 60/40 Pozmix cement w/ 3% G. Displace w/ 15 3/4 bbls Fresh water. Shut well in. Circulate 2 bbls cement. Job complete. Rig down.

Thank you

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C101	1	Pump Charge	840.00	840.00
C107	40	Mileage	3.95	158.00
C203	175 sks	60/40 Pozmix Cement	12.75	2231.25
C205	450"	Casiz 3%	.60	270.00
C108B	7.52 ton	Ten mileage Bulk Truck	1.35	106.35
		4080.69		
		- 5% 204.04		
		3876.64 Total		
			Subtotal	3905.60
			Sales Tax 7.00%	175.09

Authorization [Signature] Title \_\_\_\_\_ Total 4080.68

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.

810 E 7<sup>TH</sup>  
 PO Box 92  
 EUREKA, KS 67045  
 (620) 583-5561



**Cement or Acid Field Report**  
 Ticket No. 2753  
 Foreman KEVIN MCCOY  
 Camp \_\_\_\_\_

Date	Cust. ID #	Lease & Well Number	Section	Township	Range	County	State
4-10-16	1305	Simon Bros. #1	10	335	3W	SUMNER	Ks
Customer Meredith Family Partnership LP			Unit #	Driver		Unit #	Driver
Mailing Address 475 N. West Rd.			104	ALAN M			
City Wellington			112	DAVE G.			
State Ks							
Zip Code 67152							

Job Type Longstring Hole Depth 4490' K.B. Slurry Vol. 41 BBL Tubing \_\_\_\_\_  
 Casing Depth 4433' K.B. Hole Size 7 7/8 Slurry Wt. 13.7# Drill Pipe \_\_\_\_\_  
 Casing Size & Wt. 5 1/2 15.50# Cement Left in Casing 0' Water Gal/SK 9.0 Other \_\_\_\_\_  
 Displacement 109.5 Displacement PSI 700 Bump Plug to 1250 PSI BPM \_\_\_\_\_

Remarks: Safety Meeting: Rig up to 5 1/2 casing. BREAK CIRCULATION w/ 15 BBL FRESH WATER. MIXED 125 SKS THICK SET CEMENT w/ 5# KOL-SEAL /SK, 1# PHENOSEAL /SK @ 13.7#/GAL, YIELD 1.85, = 41 BBL SLURRY. WASH OUT PUMP & LINES. SHUT DOWN. RELEASE 5 1/2 LATCH DOWN PLUG. DISPLACE PLUG TO SEAT w/ 109.5 BBL FRESH WATER. FINAL PUMPING PRESSURE 700 PSI. BUMP PLUG TO 1250 PSI. WAIT 2 MINUTES. RELEASE PRESSURE. FLOAT & PLUG HELD. GOOD CIRCULATION @ ALL TIMES WHILE CEMENTING. JOB COMPLETE. RIG DOWN.

Code	Qty or Units	Description of Product or Services	Unit Price	Total
C 102	1	Pump Charge	1050.00	1050.00
C 167	40	Mileage	3.95	158.00
C 261	125 SKS	THICK SET CEMENT	19.50	2437.50
C 207	625 #	KOL-SEAL 5#/SK	.45#	281.25
C 208	125 #	PHENOSEAL 1#/SK	1.25#	156.25
C 108	6.97 TONS	TON MILEAGE 40 miles	1.35	370.98
C 661	1	5 1/2 AFU FLOAT SHOE	294.00	294.00
C 421	1	5 1/2 LATCH DOWN PLUG	230.00	230.00
C 604	1	5 1/2 CEMENT BASKET	225.00	225.00
C 504	6	5 1/2 x 7 7/8 CENTRALIZERS	.48	288.00
<u>THANKS</u> <u>M</u>			Sub TOTAL	5490.98
			Less 5%	288.24
			Sales Tax	273.84
			<b>Total</b>	<b>5476.58</b>

Authorization Witnessed By Mitch Bartelson Title \_\_\_\_\_

I agree to the payment terms and conditions of services provided on the back of this job ticket. Any amendments to payment terms must be in writing on the front of this job ticket or in the Customer's records at ELITE's office.



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

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

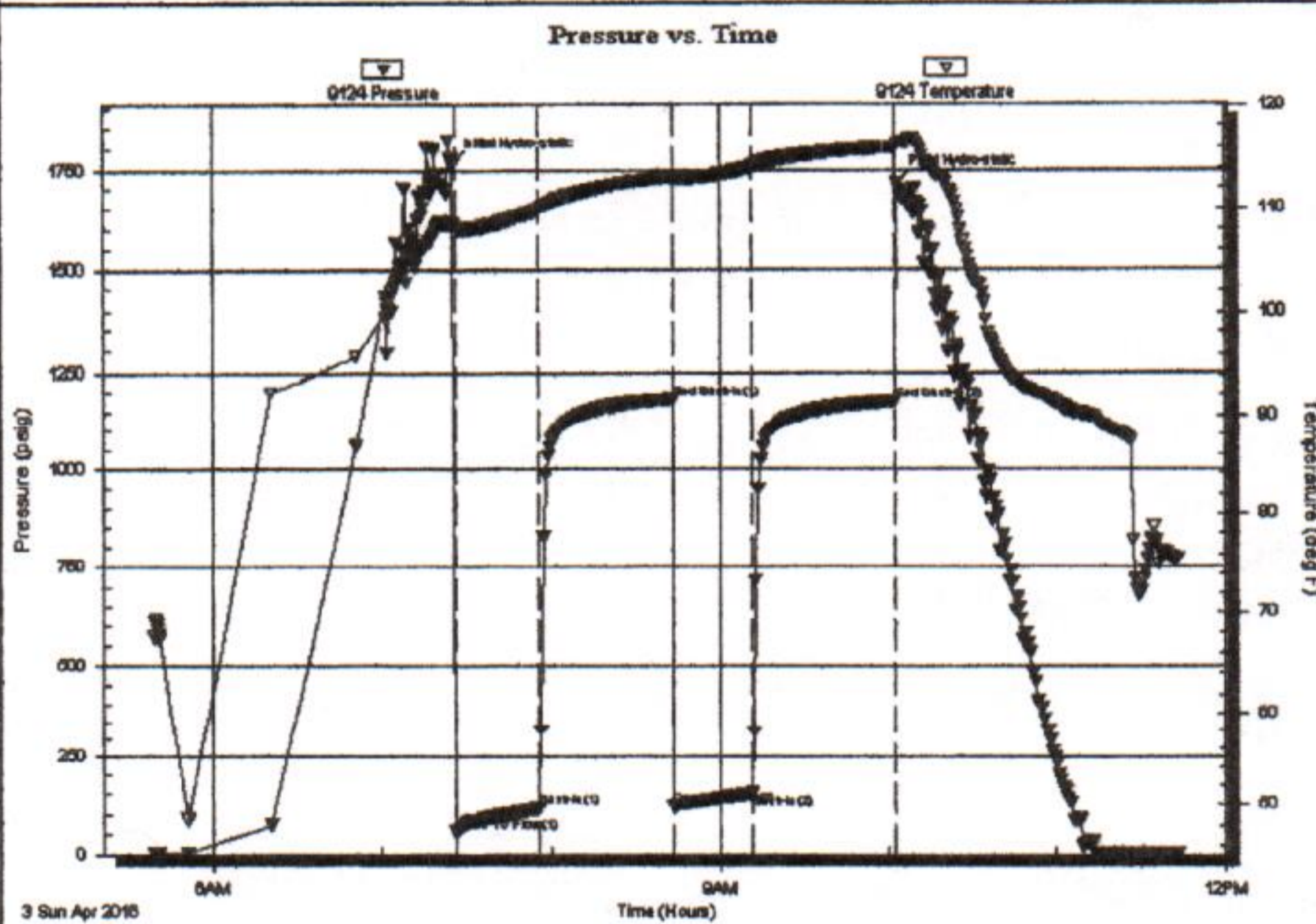
**10-33s-3w Sumner Ks.**  
**Simon Bros.#1**  
Job Ticket: 57940      **DST#: 1**  
Test Start: 2016.04.03 @ 05:38:36

### 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)  
Reference Elevations: 1183.00 ft (KB)  
1178.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Fair      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".  
FSI: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)

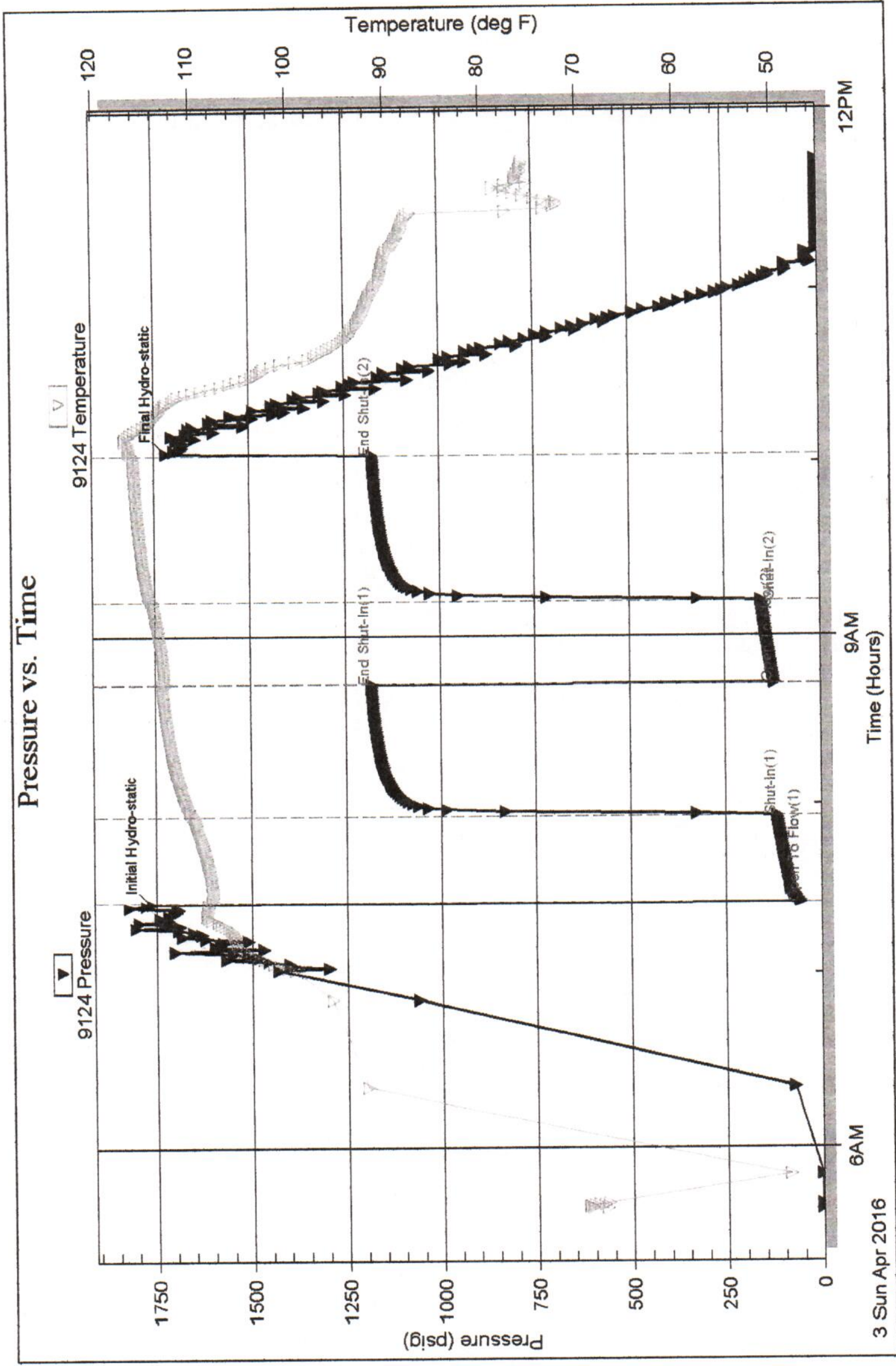
DST Test Number: 1

Simon Bros #1

Outside B5 Operating LLC

Serial #: 9124

### Pressure vs. Time



Printed: 2016.04.03 @ 11:53:37

Ref. No: 57940

Trilobite Testing, Inc





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

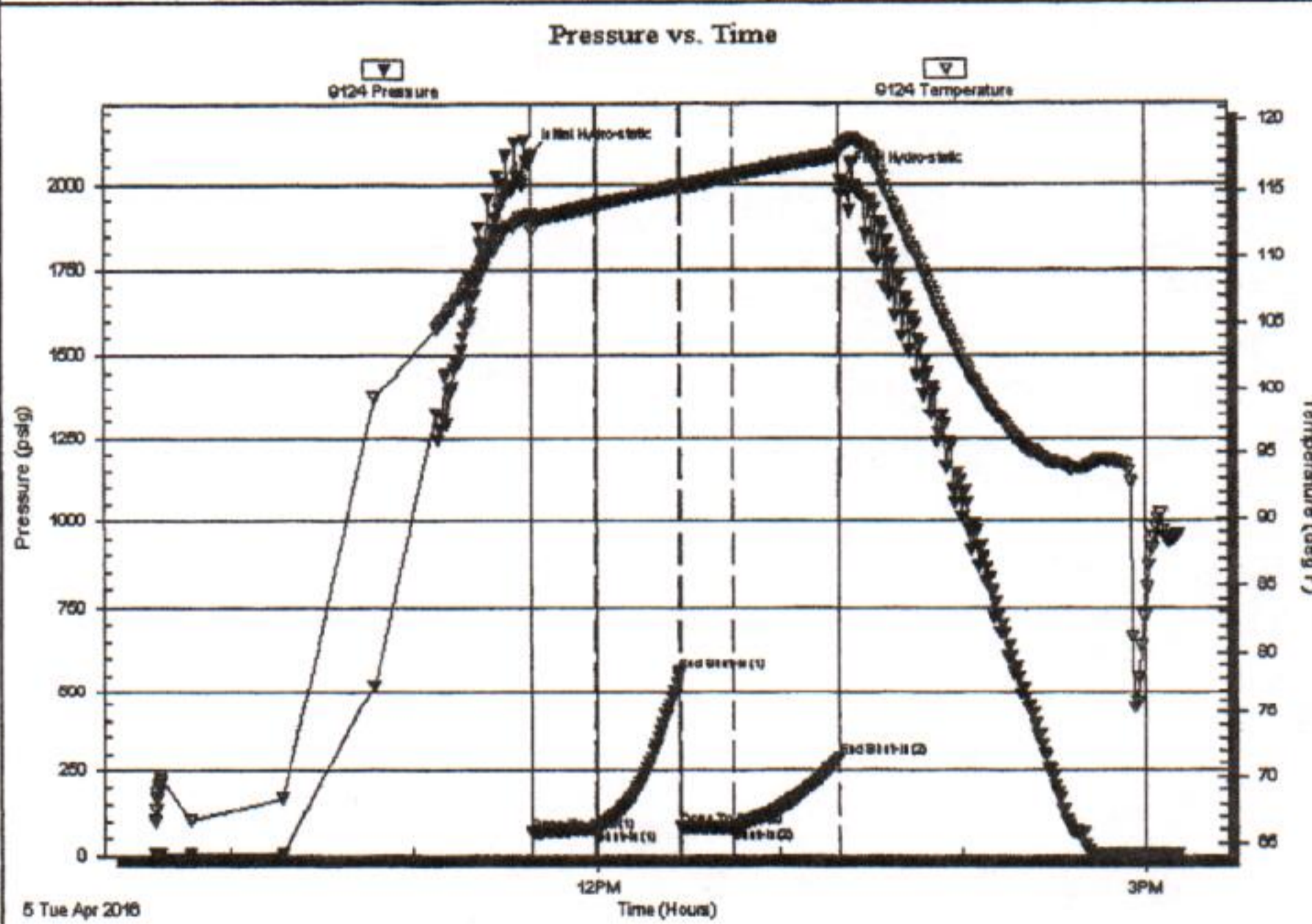
**10-33s-3w Sumner Ks.**  
**Simon Bros.#1**  
 Job Ticket: 57941      **DST#: 2**  
 Test Start: 2016.04.05 @ 09:35:09

## GENERAL INFORMATION:

Formation: **Miss.**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 11:39:09  
 Tester: Gary Pevoteaux  
 Time Test Ended: 15:10:39  
 Unit No: 80  
 Interval: **4028.00 ft (KB) To 4040.00 ft (KB) (TVD)**  
 Reference Elevations: 1183.00 ft (KB)  
 Total Depth: 4040.00 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**  
 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

\* Recovery from multiple tests

## Gas Rates

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

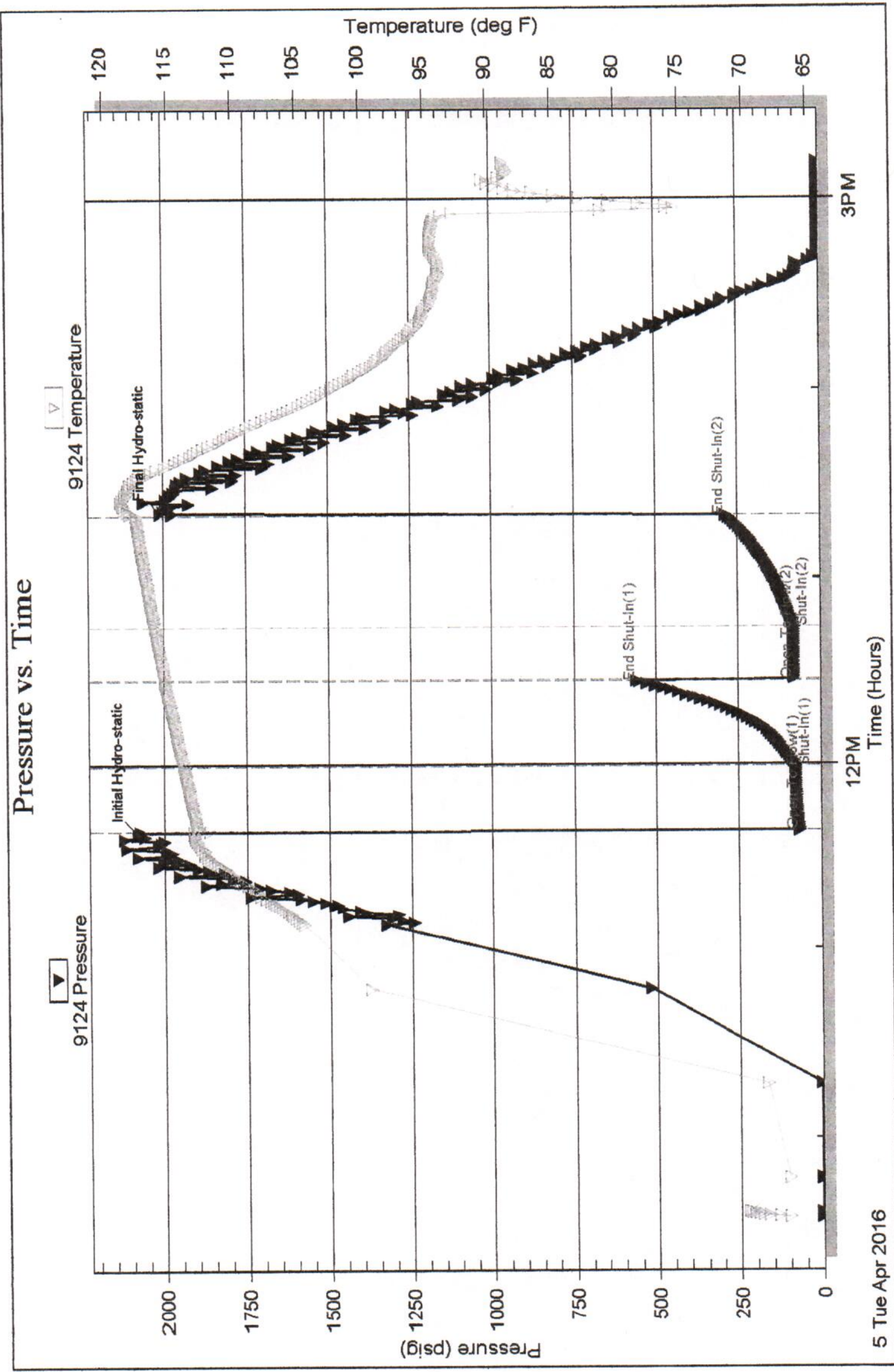
DST Test Number: 2

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

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

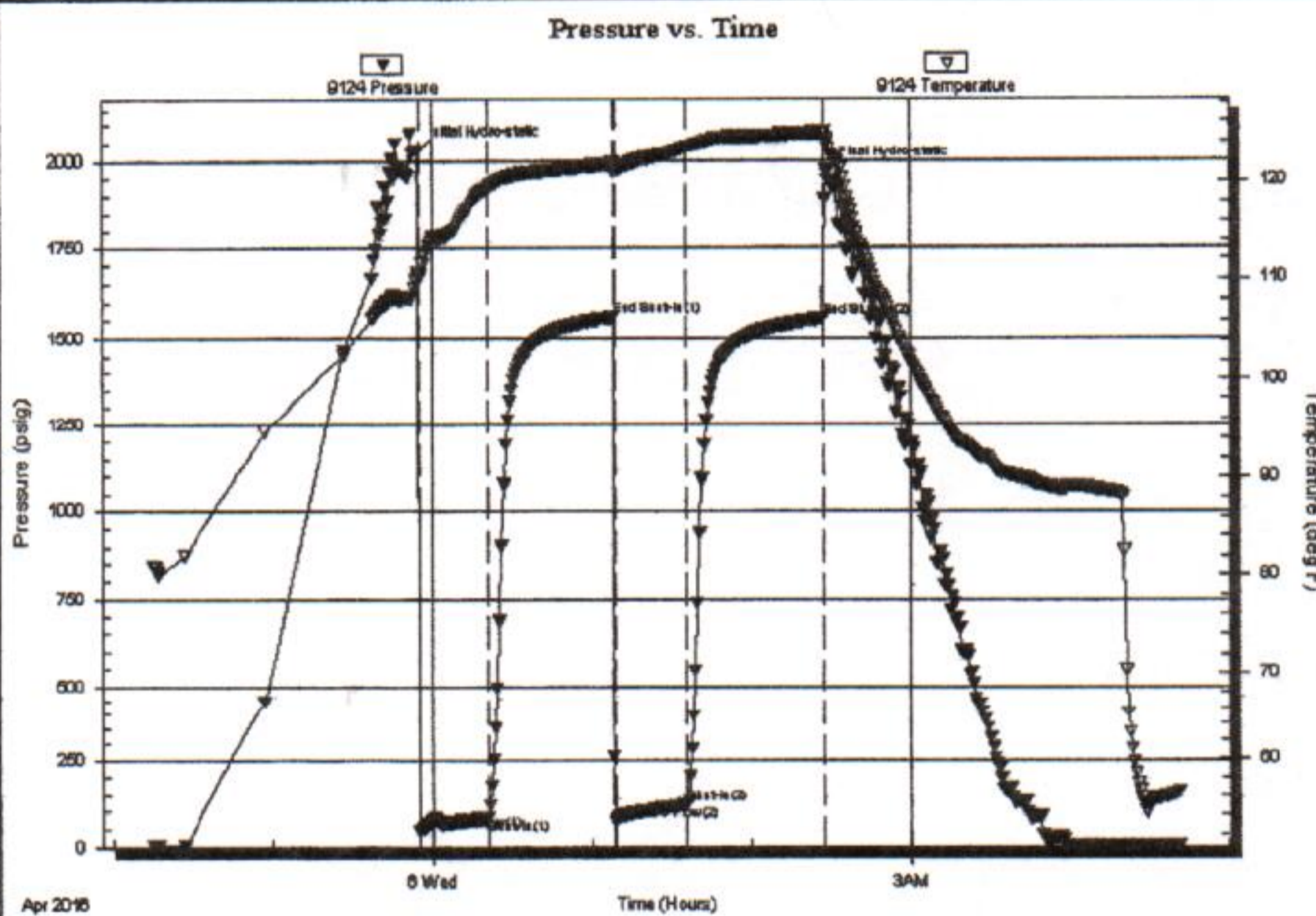
**10-33s-3w Sumner Ks.**  
**Simon Bros.#1**  
 Job Ticket: 57942      **DST#: 3**  
 Test Start: 2016.04.05 @ 22:14:56

## 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)
----------------	-----------------	------------------

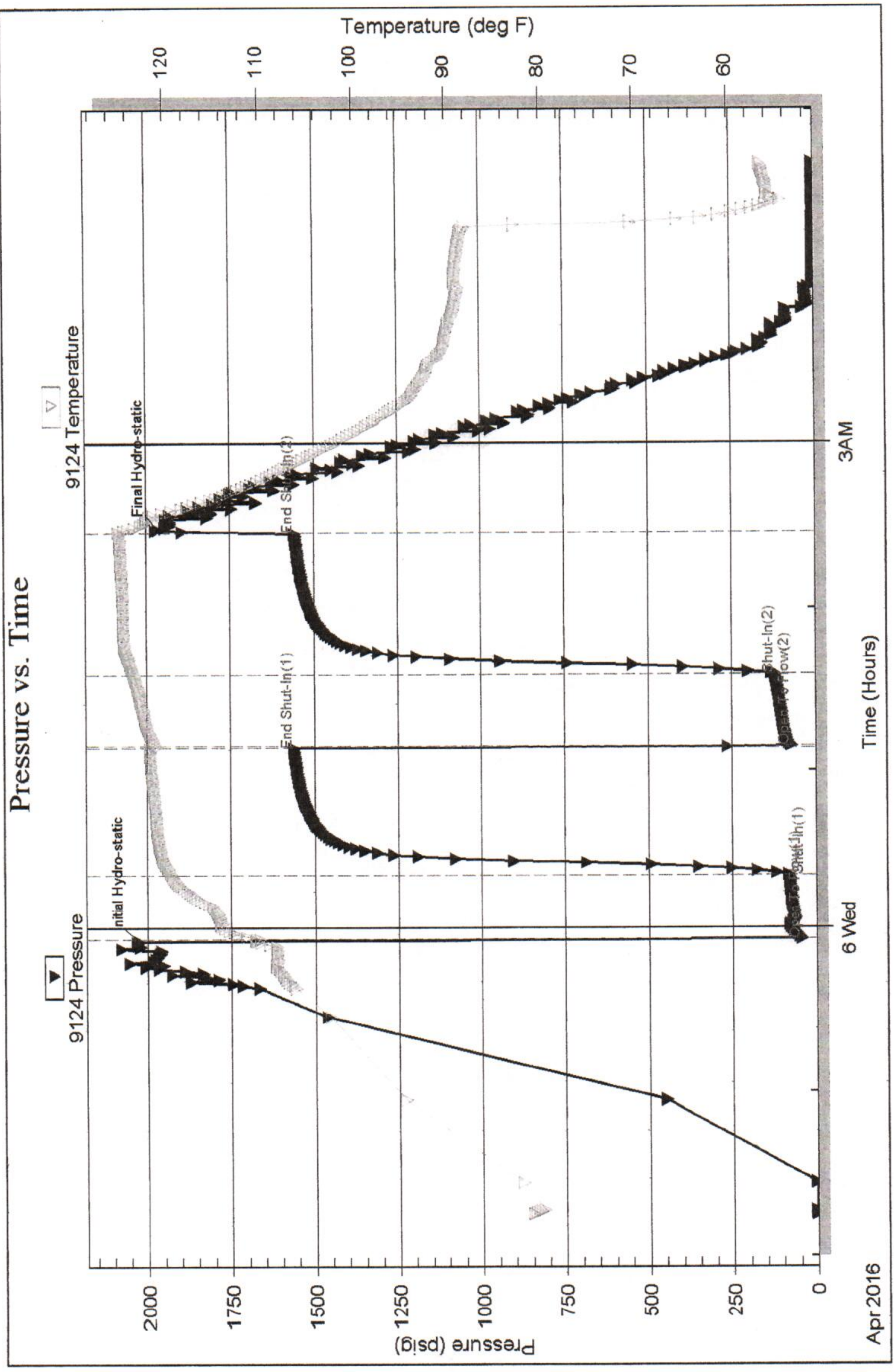
DST Test Number: 3

Simon Bros.#1

Outside B5 Operating LLC

Serial #: 9124

### Pressure vs. Time



Printed: 2016.04.06 @ 04:50:58

Ref. No: 57942

Trilobite Testing, Inc



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

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

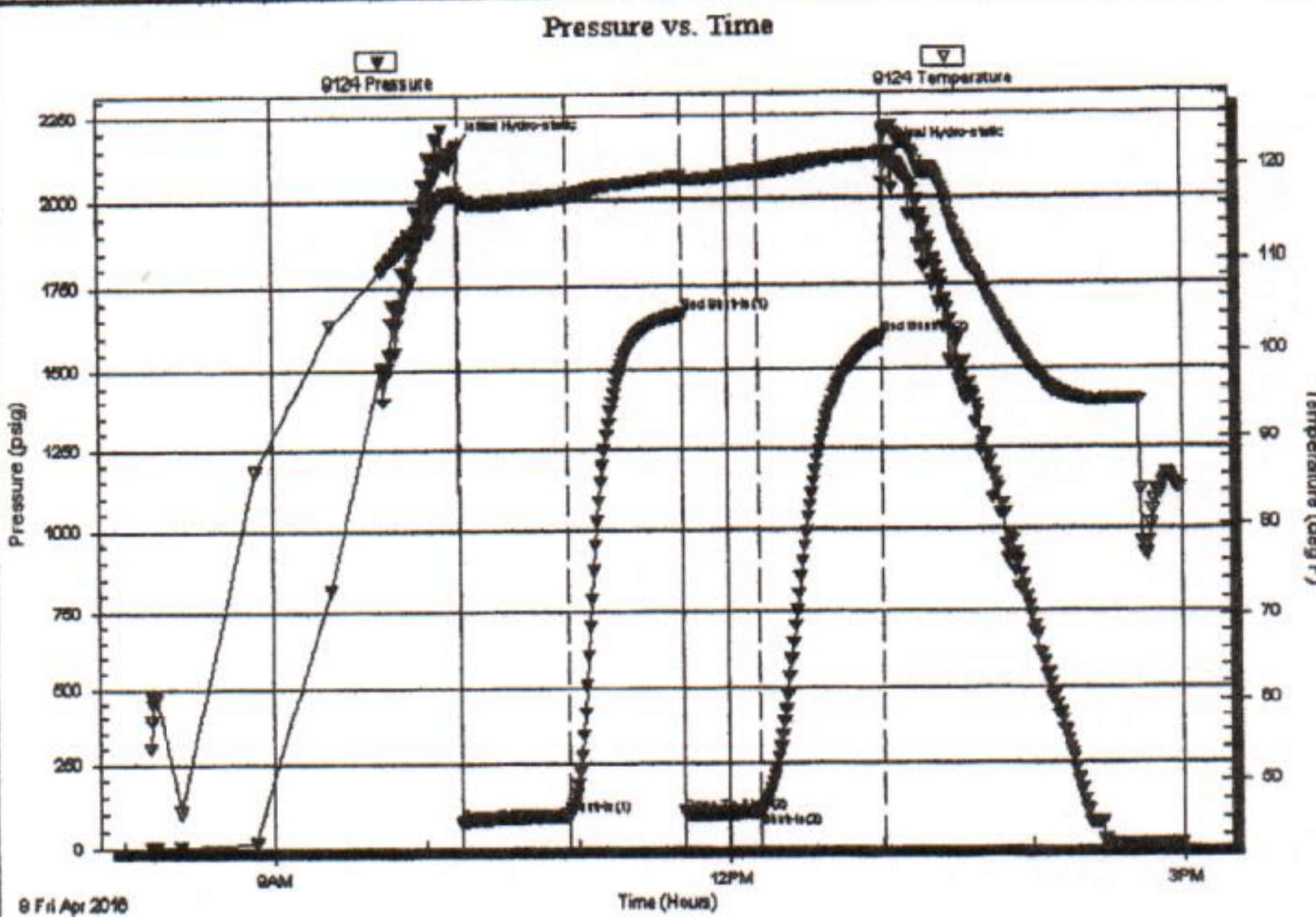
**10-33s-3w Sumner Ks.**  
**Simon Bros.#1**  
 Job Ticket: 57943      **DST#: 4**  
 Test Start: 2016.04.08 @ 08:11:09

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

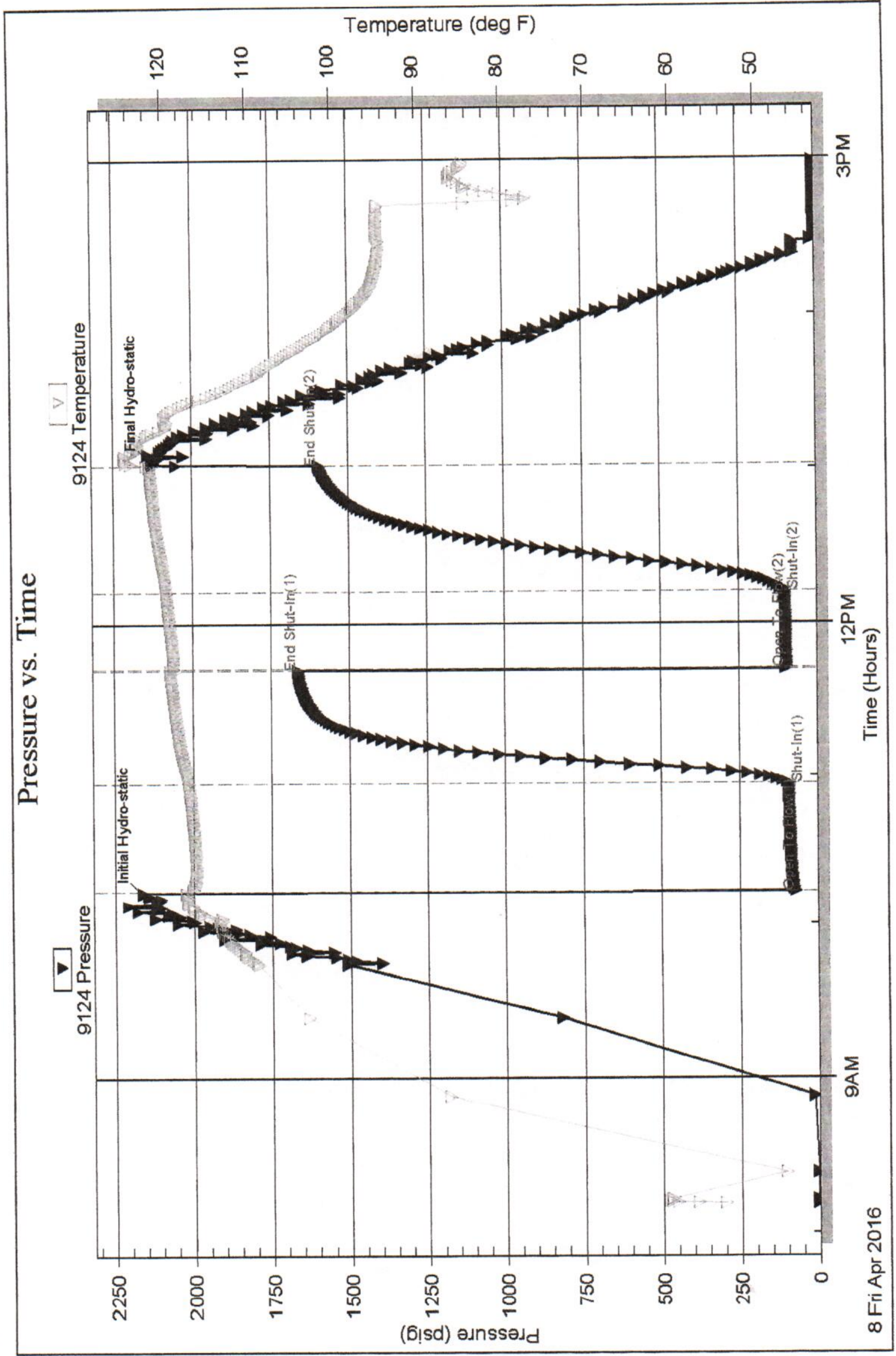
Length (ft)	Description	Volume (bbl)
60.00	SGCWM 4%g 14%w 82%m	0.30
0.00	Rw .24 ohms @ 85 deg	0.00
115.00	Drig.mud	1.07

\* Recovery from multiple tests

## Gas Rates

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

### Pressure vs. Time





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

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

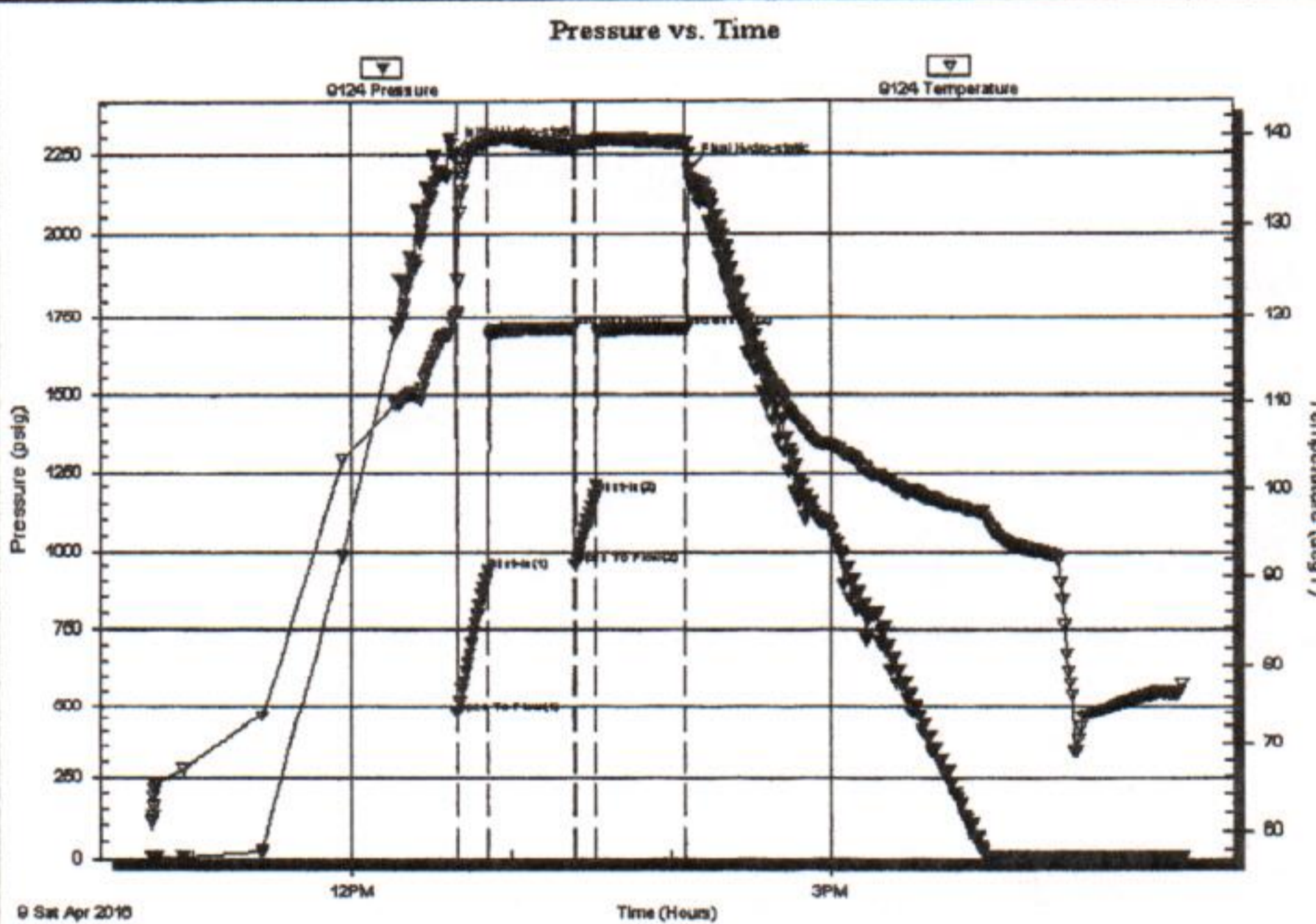
**10-33s-3w Sumner Ks.**  
**Simon Bros.#1**  
Job Ticket: 57944      **DST#: 5**  
Test Start: 2016.04.09 @ 10:44:25

## GENERAL INFORMATION:

Formation: **Simpson Sd.**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 12:39:40  
Time Test Ended: 17:12:55  
Interval: **4480.00 ft (KB) To 4490.00 ft (KB) (TVD)**  
Total Depth: 4490.00 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: 1172.82 psig @ 4481.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2016.04.09      End Date: 2016.04.09      Last Calib.: 2016.04.09  
Start Time: 10:44:25      End Time: 17:12:55      Time On Btm: 2016.04.09 @ 12:38:25  
Time Off Btm: 2016.04.09 @ 14:06:55

**TEST COMMENT:** IF: Strong blow . B.O.B. in 20 secs.  
IS: Strong blow . B.O.B.  
FF: Strong blow . B.O.B. in 20 secs.  
FS: Fair blow . Increase to 8 - 9".



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2248.33	119.79	Initial Hydro-static
2	471.10	120.46	Open To Flow (1)
13	932.65	139.09	Shut-In(1)
45	1709.41	138.66	End Shut-In(1)
46	952.54	138.37	Open To Flow (2)
53	1172.82	139.22	Shut-In(2)
87	1709.66	139.12	End Shut-In(2)
89	2198.84	137.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2150.00	SGCW 2%g 98%w / Rw .06@88 deg	29.07
120.00	MW 39%m 61%w	1.68

\* Recovery from multiple tests

## Gas Rates

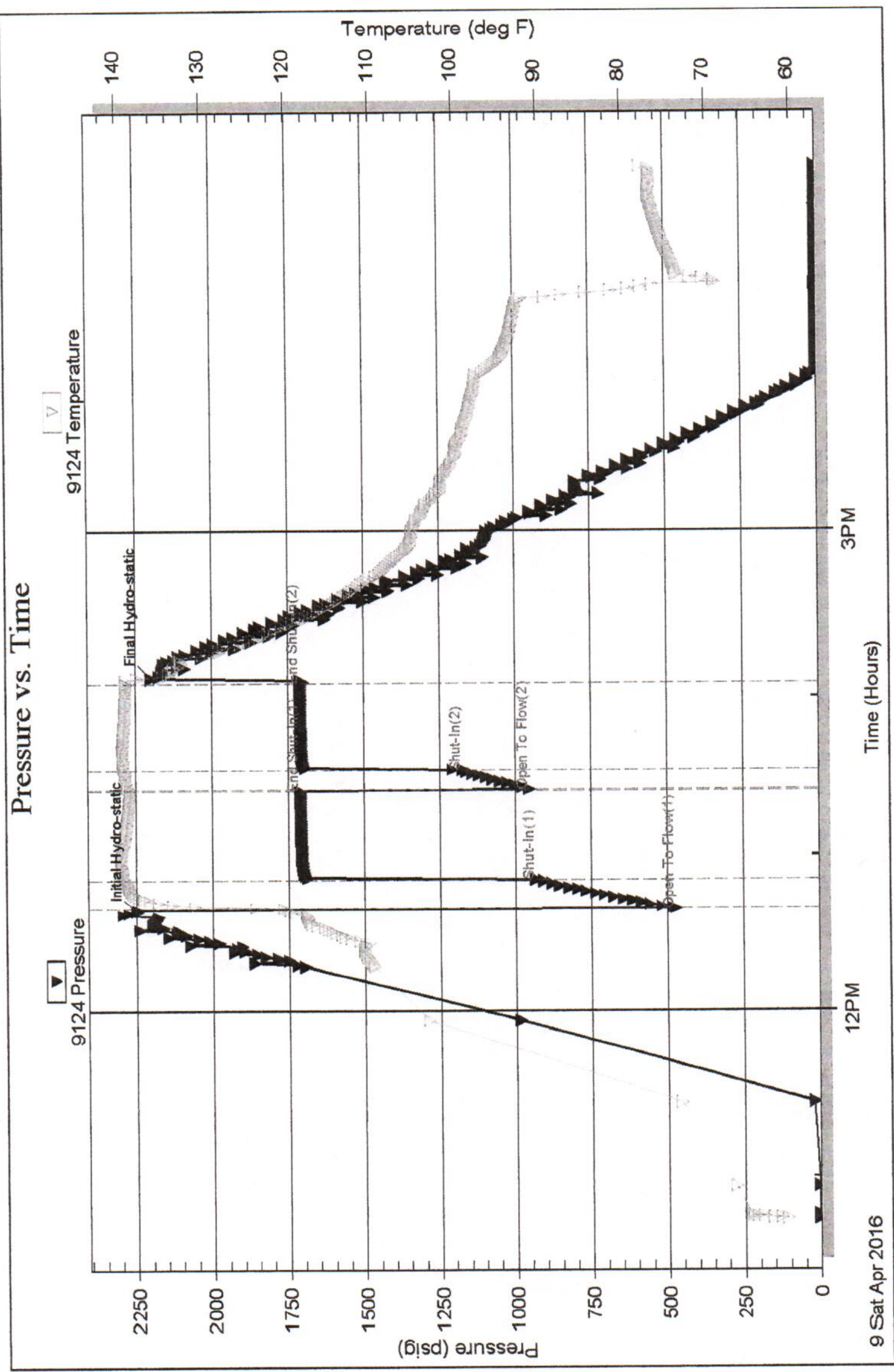
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

DST Test Number: 5

Simon Bros.#1

Outside B5 Operating LLC

Serial #: 9124



Printed: 2016.04.09 @ 17:26:27

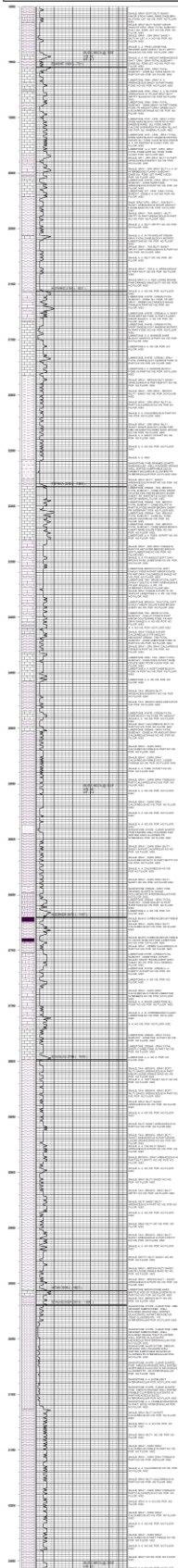
Ref. No: 57944

Trilobite Testing, Inc



**KEVIN L. KESSLER**  
CONSULTING PETROLEUM GEOLOGIST  
(316) 522-7388

<b>OPERATOR :</b> E I OPERATING LLC	<b>WELL # :</b> 1
<b>LEASE :</b> (UNASSIGNED)	<b>NE :</b> 148
<b>LOCATION :</b> 96F HWY 6 6 1/2 PM	<b>GL :</b> 1178
<b>BEC (T) :</b> TRIP 29 4	<b>ROE :</b> 18 9
<b>COUNTY :</b> CRAWFORD	<b>STATE :</b> MISSOURI
<b>GRID :</b> 14S 02E 16N	<b>SECTION :</b> 14
<b>OPERATOR :</b> E I OPERATING LLC	<b>DATE :</b> 08-10-2014
<b>WELL ID :</b> 148	<b>UTM :</b> 4490
<b>GRID MAP :</b>	<b>UTM :</b> 4490
<b>STANDARD SURVEY SYSTEM :</b> NAD 83	<b>UTM :</b> 4490
<b>SHUTTER SPEED :</b> 1/500	<b>ISO :</b> 800





## Drilling Report

Well: Simon Brothers #1  
API#: 15-191-22775-00-00  
Legal: NW ¼ Section 10 TWP 33s, RNG 3W  
County: Sumner  
Company Rep: Mitch Bartelson 620-326-0486 cell 620-434-5500 home  
Geologist: Kevin Kessler 316-706-6636 cell 316-522-7338

3-28-16 MIRU WW Rig #4, Spud @ 4pm  
3-29 WOC, Nipple up BOP, Drill under surface @ 4pm  
3-30 Drilling @ 1060'  
3-31 Drilling @ 1785, mudded up  
4-1 Drilling @ 2515  
4-2 Drilling @ 3224,  
4-3 Running DST #1 from 3460-3510 in KC (swope, dennis)  
4-4 Drilling @ 3734  
4-5 CFS @ 4040, Ran DST #2 in Mississippi  
4-6 CTCH @ 4060 Ran DST #3 in Mississippi  
4-7 Drilling @ 4249  
4-8 Running DST #4 @ 4383 in Simpson  
4-9 Running DST #5 @ 4490 in Simpson  
4-10 LDDP, Run 4433' of 5 ½ casing, cement with 125sx, pack off well,  
cemented rat hole, Released rig @ 2pm.

Job Complete  
Mitch Bartelson'



## Well Completion Report

Well: Simon Brothers #1  
 API#: 15-191-22775-00-00  
 Legal: NW ¼ Section 10 TWP 33s, RNG 3W  
 County: Sumner

4-22-16 MIRU Canaan Well service, unload 2 7/8 work string, RU Excel, run CBL, Find PBTD @ 4402, Perf 4048-56 3SPF with high expansion carrier, RIH with 5 ½ x 2 7/8 R4 PKR in compression (sets to the left), 2 3/8 x 2 7/8 C/O, 2 7/8 SN, 128 JTS 2 7/8 tubing, set PKR @ 4030 & RU swab, take 4 pulls with no kickback or show, 5<sup>th</sup> pull had 300' of gas ahead with 100' of dirty water, 6<sup>th</sup> pull was no fluid or shows, SDON

### Charges

Canaan Well Service	9 hrs rig time	1733
Gusher Energy Services	1 day supervision	500
Gusher Energy Services	Rental of 2 7/8 work string	1000
Gusher Energy Services	Skidloader Work	780
Excel Wireline	CBL and Perf	2400
Cates Supply	Swab cups, rubbers, dope	800

<b>Daily Total</b>	<b>7213</b>
<b>Project Total</b>	<b>7213</b>

4-23 8am GTS, ONFU 1200' (600' oil, 600' water), made 2 more pulls off SN, Both had 100' fluid with GSO and approx. 2000' of gas ahead. RU Maxidize, release PKR, load hole & Spot acid over perfs, # up to 800# and acid fed into zone, treat well as follows

1/3 BPM	@ 800#	27 bbls pumped	1 bbl away
½ BPM	@ 800#	28 bbls pumped	2 bbls away
1 BPM	@ 900#	31 bbls pumped	5 bbls away
1.5 BPM	@ 1000#	36 bbls pumped	10 bbls away
2 BPM	@ 1100#	38 bbls pumped	All acid away

Finished treatment @ 2 BPM 1000-1100#, TL 55 bbls, ISIP 800#, vacuum in 30', pulled 1 joint, left PKR swinging & RU swab. Let acid set from 10:10 to 11:10

1) Pull from 1800' with PKR swinging to clear acid aff casing	6
2-4) 700-1700, 1600-2600, 2500-3500, Dirty fluid	17
5-7) 3300-SN, 3850-SN, 3980-SN, Acid Gas, Dirty Fluid, Show Gas	4
Went to 30' pulls	
8) 3700-SN, 800' gas, show oil	1
9) 3850-SN, 1500' gas, 2% oil, muddy	½
10) 3900-SN, 1500' gas, 4% oil, muddy	½
SD for 1hr	
11) 3650-SN, 2500' gas, 6% oil, very muddy	1
Total load Recovered	
SDOWE	30

Charges

Canaan Well Service	8.5 hrs rig time	1650
Gusher Energy Services	1 day supervision	500
Maxidize	500 gal MCA acid job	1100
Barts Oilfield Service	Water for acid job	210

<b>Daily Total</b>	<b>3460</b>
<b>Project Total</b>	<b>10673</b>

4-24 7:30 am GTS, OWEFU 2700', RU Swab

- 1) 1600' fluid, 50% oil, cleaner fluid
- 2) 2200-3300, 500' gas, 3% oil, cleaner fluid
- 3) 3200-SN, 700' gas, 2-3% oil, gassy fluid, dirty
- 4) 3850-SN, GTS, 21% oil, muddy
- 5-9) 30' pulls, 3850-SN, 3000-3500' gas, 24-27% oil, cleaner fluid
- SD for 1hr
- 10) 3800-SN, GTS, 37% oil, cleaner fluid

Release PKR, lay out 1 JT, Set PKR @ 3999, load casing and # to 250#, Swab tubing down to 1700', RU maxidize, pump 1250 gal NE/FE 15% with extra soap, pump treatment as follows: 250 acid, 30 balls in the next 750, 250 at end, chase with 38 bbls SW, Caught well at 10 bbls, treat as follows

3.4 BPM	@ 1200#	20 bbls pumped	lost 500# when acid hit perms
4.0 BPM	@ 750#	30 bbls pumped	4 bbls away
4.5 BPM	@ 600#	40 bbls pumped	14 bbls away, ball action
4.5 BPM	@ 800#	45 bbls pumped	19 bbls away, ball action
5.0 BPM	@ 800#	50 bbls pumped	All acid/balls away
5.0 BPM	@ 800#	60 bbls pumped	
5.0 BPM	@ 800#	68 bbls pumped	

68 BBLs load, instant vacuum, Relears PKR and run to 4062 to clear balls off perms, Set PKR @ 4030, Sd for 1:15 for acid to spend, Ru swab

Took 8 pulls recovering approximately 40 bbls dirty water, some soapy acid gas

- 9) 1300-2600 GTS, show oil
- 10) 2500-3500 increase in show
- 11) 2800-SN increase in show
- 12) 3750-SN 1% oil, very muddy
- 13) 3850-SN 2% oil, very muddy

14) 3850-SN 4% oil, very muddy

15) 3850-SN 6% oil, very muddy

SDON

#### Charges

Canaan Well Service	11.5 hrs rig time	2215
Gusher Energy Services	1 day supervision	535
Maxidize	500 gal MCA acid job	2481
Barts Oilfield Service	Water for acid job/haul off fluids	490

**Daily Total** 5721

**Project Total** 16394

4-25 8am Load tubing, release PKR, trip out and RB well as follows

7' MA with holes in top

SN

129 Joints 2 7/8

1 ¼ x 4' GA

2 ½ x 1 ½ x 12' MTM pump

2' sub

161 rods

4' sub

1 ¼ x 16' PR with new 7' liner

Long stroke with good action, RDMO

#### Charges

Canaan Well Service	8 hrs rig time	1600
Gusher Energy Services	1 day supervision	535
Cates Supply	2 rods/boxes	200
Barts Oilfield Service	load tubing	140

**Daily Total** 2475

**Project Total** 18869

5-2 Moved in pump jack and started pumping well to frac tank.

5-5 well is pumped down

5-7 IP of well is 15 oil and 34 water 7 mcf gas

Job Complete

Mitch Bartelson

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Jay Scott Emler, Chairman  
Shari Feist Albrecht, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

August 08, 2016

Mitch Bartelson  
B5 Operating, LLC  
PO BOX 45  
WELLINGTON, KS 67152

Re: ACO-1  
API 15-191-22775-00-00  
SIMONS BROS. UNIT 1  
NW/4 Sec.10-33S-03W  
Sumner County, Kansas

Dear Mitch Bartelson:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 03/28/2016 and the ACO-1 was received on August 05, 2016 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department