

Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	JILL 1-7
Doc ID	1727256

Tops

Name	Top	Datum
Anhydrite	2582	252
B/Anhydrite	2614	220
Topeka	3706	-872
Heebner Sh	3876	-1042
Toronto	3907	-1073
Lansing	3923	-1089
Muncie Creek Sh.	4016	-1182
Stark Shale	4080	-1246
Hushpuckney Sh.	4107	-1273
B/KC	4128	-1294
Marmaton	4144	-1310

Form	ACO1 - Well Completion
Operator	Carmen Schmitt, Inc.
Well Name	JILL 1-7
Doc ID	1727256

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	20	220	60/40	200	3%cc,2%gel

COPELAND

Acid & Cement

BURRTON, KS ♦ GREAT BEND, KS
(620) 463-5161 (620) 793-3366
FAX (620) 463-2104 FAX (620) 793-3536

POST OFFICE BOX 438
HAYSVILLE, KS 67060
(316) 524-1225
(316) 524-1027 FAX

Invoice

Page: 1

INVOICE NUMBER:
C60895-IN

BILL TO:
CARMEN SCHMITT, INC.
PO BOX 47
GREAT BEND, KS 67530

LEASE: JILL

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS		
08/17/2023	60895		08/09/2023	JILL	NET 30		
QUANTITY	U/M	ITEM NO./DESCRIPTION			D/C	PRICE	EXTENSION
		NEW WELL					
180.00	MI	MILEAGE PICKUP			0.00	4.00	720.00
180.00	MI	MILEAGE CEMENT PUMP TRUCK			0.00	6.00	1,080.00
1.00	EA	PUMP CHARGE SURFACE			0.00	1,150.00	1,150.00
200.00	SK	COMMON CEMENT			0.00	16.75	3,350.00
12.00	SK	CALCIUM CHLORIDE			0.00	42.00	504.00
212.00	EA	BULK CHARGE			0.00	1.25	265.00
896.76	MI	BULK TRUCK - TON MILES			0.00	1.10	986.44
7/10/43 20349.0107 BEP Well Site Surface Cement							
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.			Net Invoice: DECCO Sales Tax: Invoice Total:		8,055.44 289.05 <u>8,344.49</u>
RECEIVED BY _____		NET 30 DAYS					

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service
Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.



NEW WELL

Nº C 60895

IS AUTHORIZED BY: CARMEN SCHMITT INC

(NAME OF CUSTOMER)

Address _____ City _____ State KS

TO TREAT WELL

AS FOLLOWS Lease JILL Well No. 1-7 Customer Order No.

Sec. Twp.

Range 7-5-29W County DECATUR State KS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED

BEFORE WORK IS COMMENCED

By

Well Owner or Operator

Agent

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative GREG C.

Station GB

MATT SUCHY

Well Owner, Operator or Agent

Remarks

NET 30 DAYS

[illegible]



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Jill #1-7

7-5s-29w, Decatur,KS

Start Date: 2023.08.13 @ 13:05:00

End Date: 2023.08.13 @ 19:15:30

Job Ticket #: 70975 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.08.18 @ 15:51:37



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70975

DST#: 1

ATTN: Brad Rine

Test Start: 2023.08.13 @ 13:05:00

GENERAL INFORMATION:

Formation: **Toronto - LKC, A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:08:00

Time Test Ended: 19:15:30

Test Type: Conventional Bottom Hole (Initial)

Tester: David Urban

Unit No: 67

Interval: 3872.00 ft (KB) To 3940.00 ft (KB) (TVD)

Reference Elevations: 2834.00 ft (KB)

Total Depth: 3940.00 ft (KB) (TVD)

2829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8677 Outside

Press@RunDepth: 30.57 psig @ 3873.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.08.13

End Date:

2023.08.13

Last Calib.: 2023.08.13

Start Time: 13:05:05

End Time:

19:15:29

Time On Btm: 2023.08.13 @ 16:07:30

Time Off Btm: 2023.08.13 @ 17:07:30

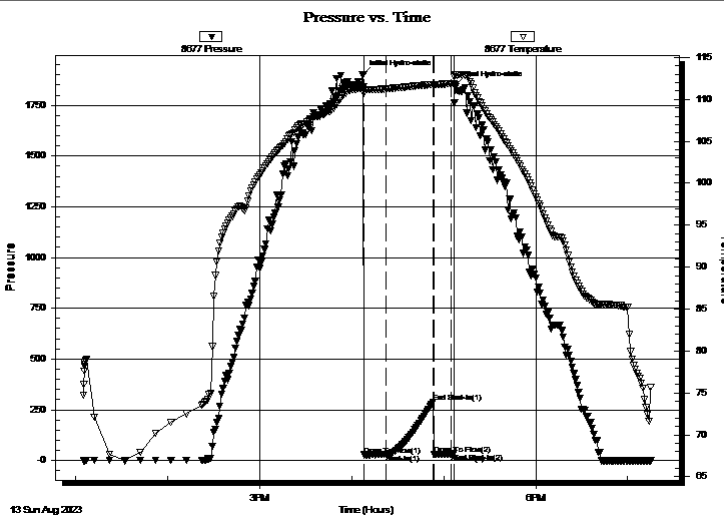
TEST COMMENT: IF- Weak surface blow , Built to 3/4" in 30 seconds, Built to 1" in 10 minutes; Final 1".

IS- No return.

FF- No blow .

FS- Pulled.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1902.00	111.48	Initial Hydro-static
1	27.97	110.72	Open To Flow (1)
15	29.49	111.26	Shut-In(1)
46	287.22	111.79	End Shut-In(1)
46	30.51	111.76	Open To Flow (2)
57	30.57	111.89	Shut-In(2)
59	34.10	111.92	End Shut-In(2)
60	1849.13	112.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	M w/oil spots- 100%M	0.02

Gas Rates

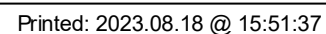
	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Test Start: 2023.08.13 @ 13:05:00

KB to GR/CF: 5.00 ft

FSI- Pulled.





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70975

DST#: 1

ATTN: Brad Rine

Test Start: 2023.08.13 @ 13:05:00

Tool Information

Drill Pipe:	Length:	3685.00 ft	Diameter:	3.80 inches	Volume:	51.69 bbl	Tool Weight:	2500.00 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:	178.00 ft	Diameter:	2.25 inches	Volume:	0.88 bbl	Weight to Pull Loose:	20000.00 lb
					Total Volume:	52.57 bbl	Tool Chased	ft
Drill Pipe Above KB:		23.00 ft					String Weight: Initial	77000.00 lb
Depth to Top Packer:		3872.00 ft					Final	77000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		68.00 ft						
Tool Length:		100.00 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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Stubb	1.00		Fluid	3841.00	
Shut In Tool	5.00			3846.00	
Hydraulic tool	5.00			3851.00	
Jars	5.00			3856.00	
EM Tool	4.00			3860.00	
Safety Joint	3.00			3863.00	
Packer	5.00			3868.00	32.00 Bottom Of Top Packer
Packer	4.00			3872.00	
Stubb	1.00			3873.00	
Recorder	0.00	8677	Outside	3873.00	
Recorder	0.00	8018	Inside	3873.00	
Perforations	30.00			3903.00	
Change Over Sub	1.00			3904.00	
Drill Pipe	32.00			3936.00	
Change Over Sub	1.00			3937.00	
Bullnose	3.00			3940.00	68.00 Bottom Packers & Anchor
Total Tool Length:	100.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70975

DST#: 1

ATTN: Brad Rine

Test Start: 2023.08.13 @ 13:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 5.58 in³

Resistivity: ohm.m

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M w /oil spots- 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

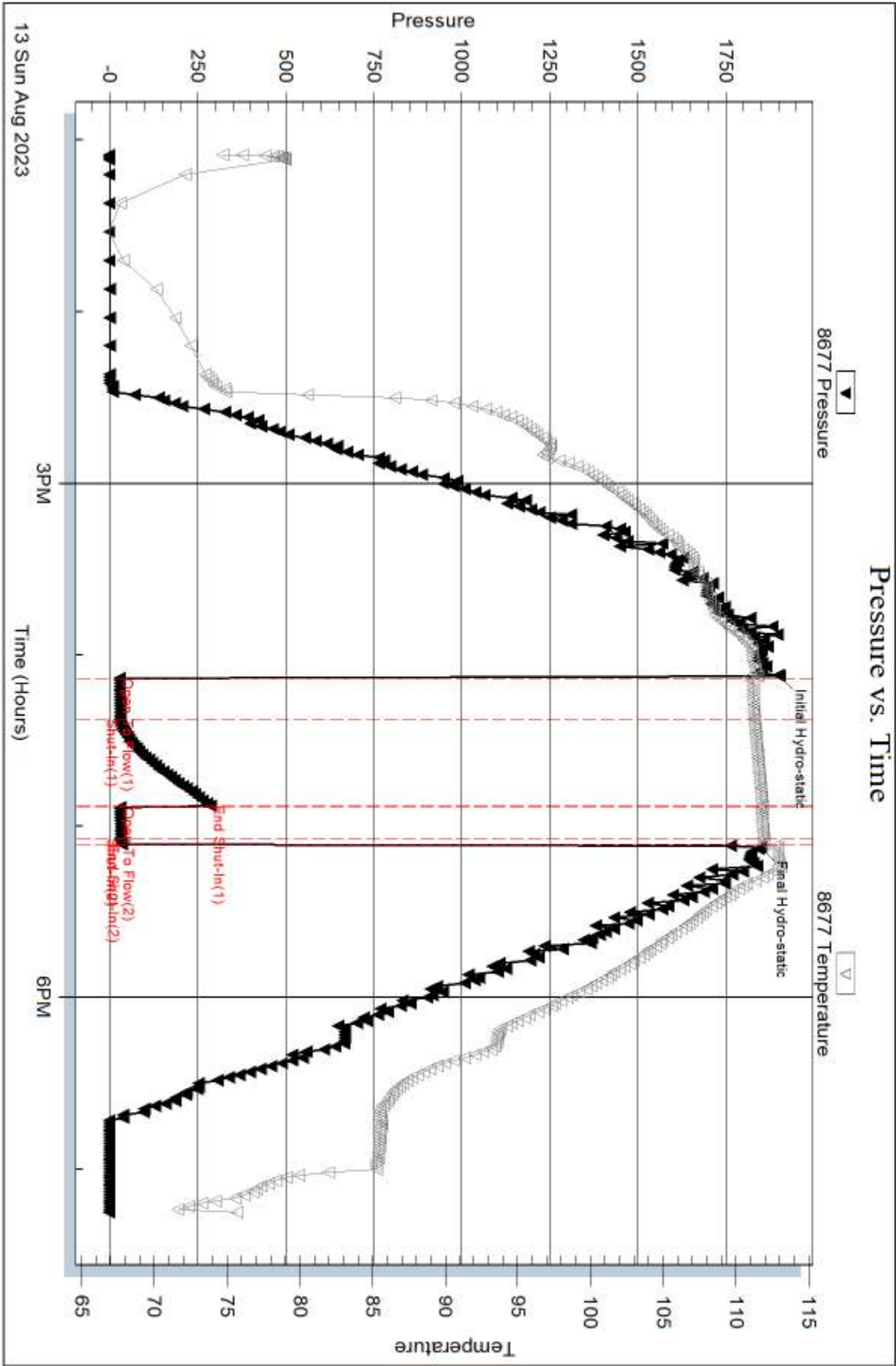
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM- 4#



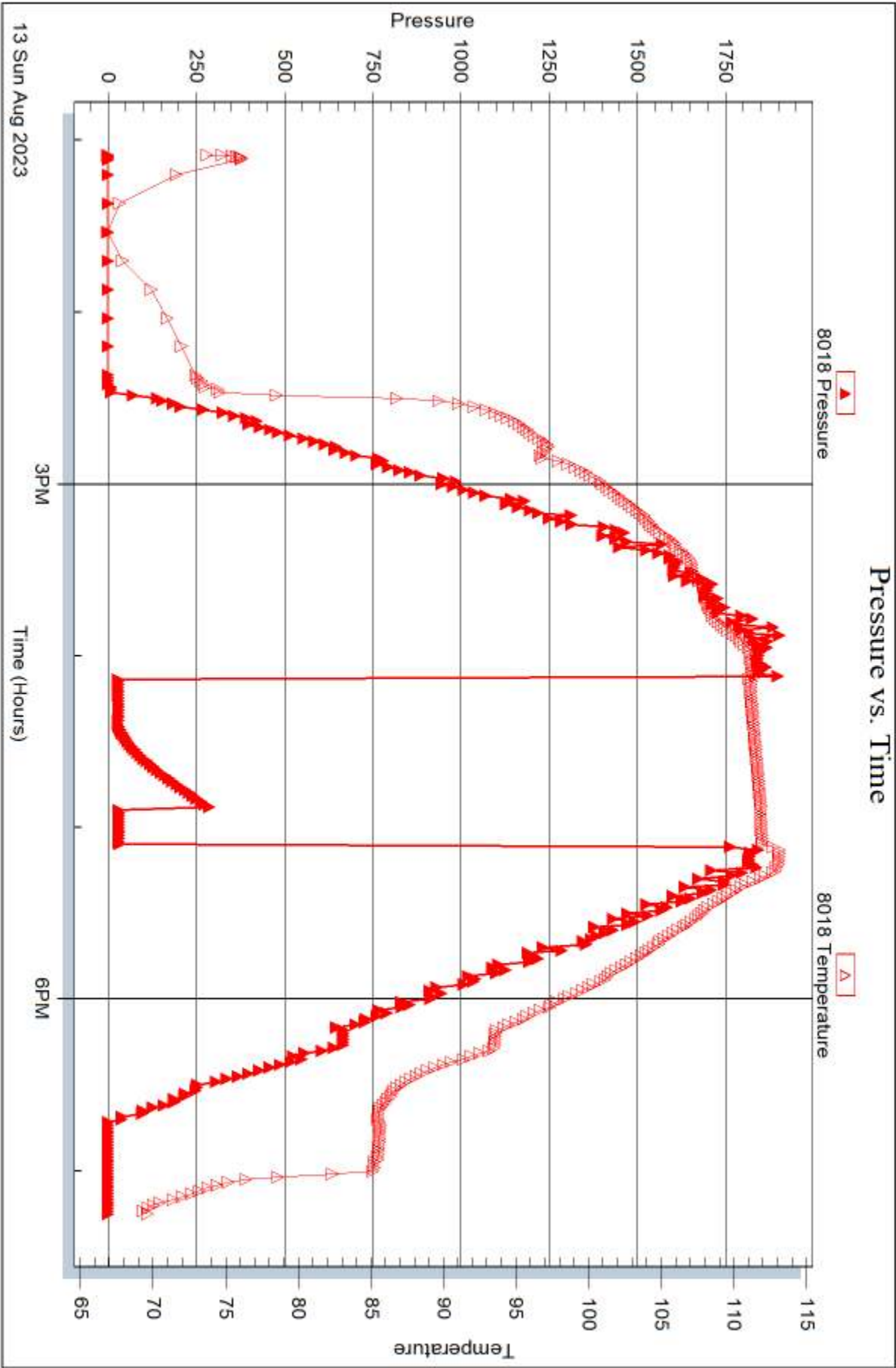
Serial #: 8018

Inside

Carmen Schnitt Inc.

Jill #1-7

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Jill #1-7

7-5s-29w, Decatur,KS

Start Date: 2023.08.13 @ 14:10:00

End Date: 2023.08.13 @ 19:37:30

Job Ticket #: 70292 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.08.18 @ 15:50:04



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70292

DST#: 2

ATTN: Brad Rine

Test Start: 2023.08.13 @ 14:10:00

GENERAL INFORMATION:

Formation: **LKC, A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:16:00

Time Test Ended: 19:37:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 3930.00 ft (KB) To 3956.00 ft (KB) (TVD)

Reference Elevations: 2834.00 ft (KB)

Total Depth: 3956.00 ft (KB) (TVD)

2829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8677 Outside

Press@RunDepth: 18.45 psig @ 3931.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.08.13

End Date:

2023.08.13

Last Calib.: 2023.08.13

Start Time: 14:10:05

End Time:

19:37:29

Time On Btm: 2023.08.13 @ 16:15:30

Time Off Btm: 2023.08.13 @ 17:15:00

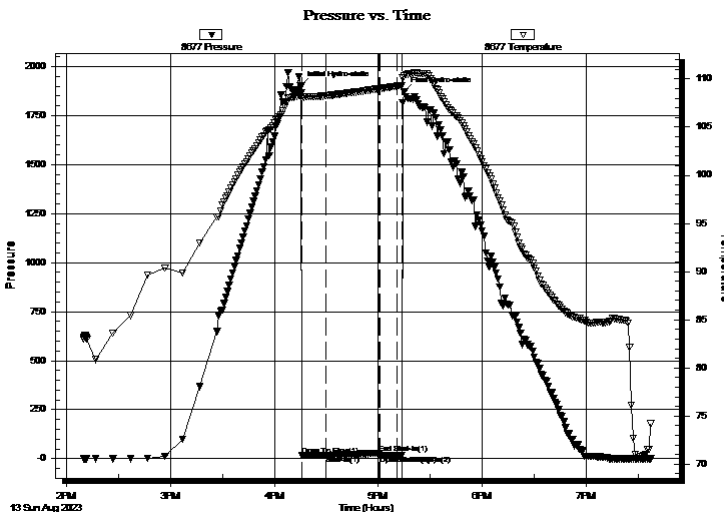
TEST COMMENT: IF- Weak surface blow , Remained weak surface blow after 10 minutes; Final weak surface.

IS- No return.

FF- No blow .

FS- Pulled.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1900.94	108.52	Initial Hydro-static
1	17.97	107.97	Open To Flow (1)
15	18.25	108.26	Shut-In(1)
45	28.07	108.99	End Shut-In(1)
46	18.23	109.01	Open To Flow (2)
56	18.45	109.27	Shut-In(2)
58	17.67	109.33	End Shut-In(2)
60	1872.23	110.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	M w/oil spots- 100%M	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70292

DST#: 2

ATTN: Brad Rine

Test Start: 2023.08.13 @ 14:10:00

GENERAL INFORMATION:

Formation: **LKC, A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:16:00

Time Test Ended: 19:37:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 3930.00 ft (KB) To 3956.00 ft (KB) (TVD)

Total Depth: 3956.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2834.00 ft (KB)

2829.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018 Inside

Press@RunDepth: psig @ 3931.00 ft (KB)

Start Date: 2023.08.13

End Date:

2023.08.13

Start Time: 14:10:05

End Time:

19:37:29

Capacity: 8000.00 psig

Last Calib.: 2023.08.13

Time On Btm:

Time Off Btm:

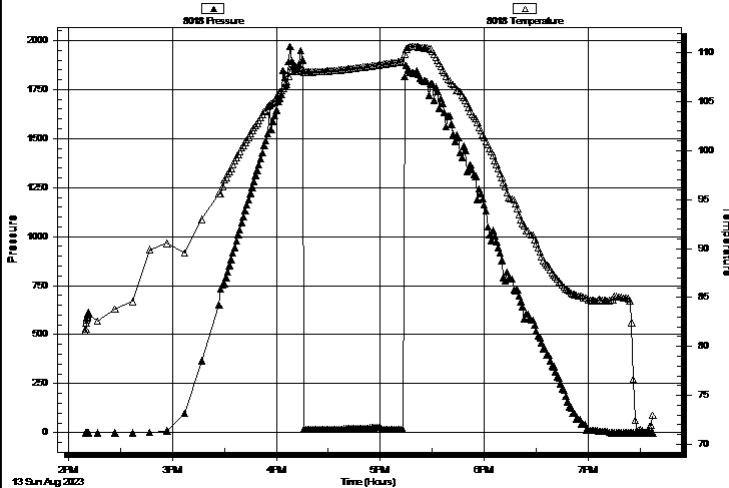
TEST COMMENT: IF- Weak surface blow , Remained weak surface blow after 10 minutes; Final weak surface.

IS- No return.

FF- No blow .

FS- Pulled.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
1.00	M w/oil spots- 100%M	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70292

DST#: 2

ATTN: Brad Rine

Test Start: 2023.08.13 @ 14:10:00

Tool Information

Drill Pipe:	Length:	3748.00 ft	Diameter:	3.80 inches	Volume:	52.57 bbl	Tool Weight:	2500.00 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:	178.00 ft	Diameter:	2.25 inches	Volume:	0.88 bbl	Weight to Pull Loose:	20000.00 lb
					Total Volume:	53.45 bbl	Tool Chased	ft
Drill Pipe Above KB:		28.00 ft					String Weight: Initial	76000.00 lb
Depth to Top Packer:		3930.00 ft					Final	76000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		26.00 ft						
Tool Length:		58.00 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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Stubb	1.00		Fluid	3899.00	
Shut In Tool	5.00			3904.00	
Hydraulic tool	5.00			3909.00	
Jars	5.00			3914.00	
EM Tool	4.00			3918.00	
Safety Joint	3.00			3921.00	
Packer	5.00			3926.00	32.00 Bottom Of Top Packer
Packer	4.00			3930.00	
Stubb	1.00			3931.00	
Recorder	0.00	8677	Outside	3931.00	
Recorder	0.00	8018	Inside	3931.00	
Perforations	22.00			3953.00	
Bullnose	3.00			3956.00	26.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70292

DST#: 2

ATTN: Brad Rine

Test Start: 2023.08.13 @ 14:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 63.00 sec/qt

Water Loss: 6.38 in³

Resistivity: ohm.m

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	M w /oil spots- 100%M	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

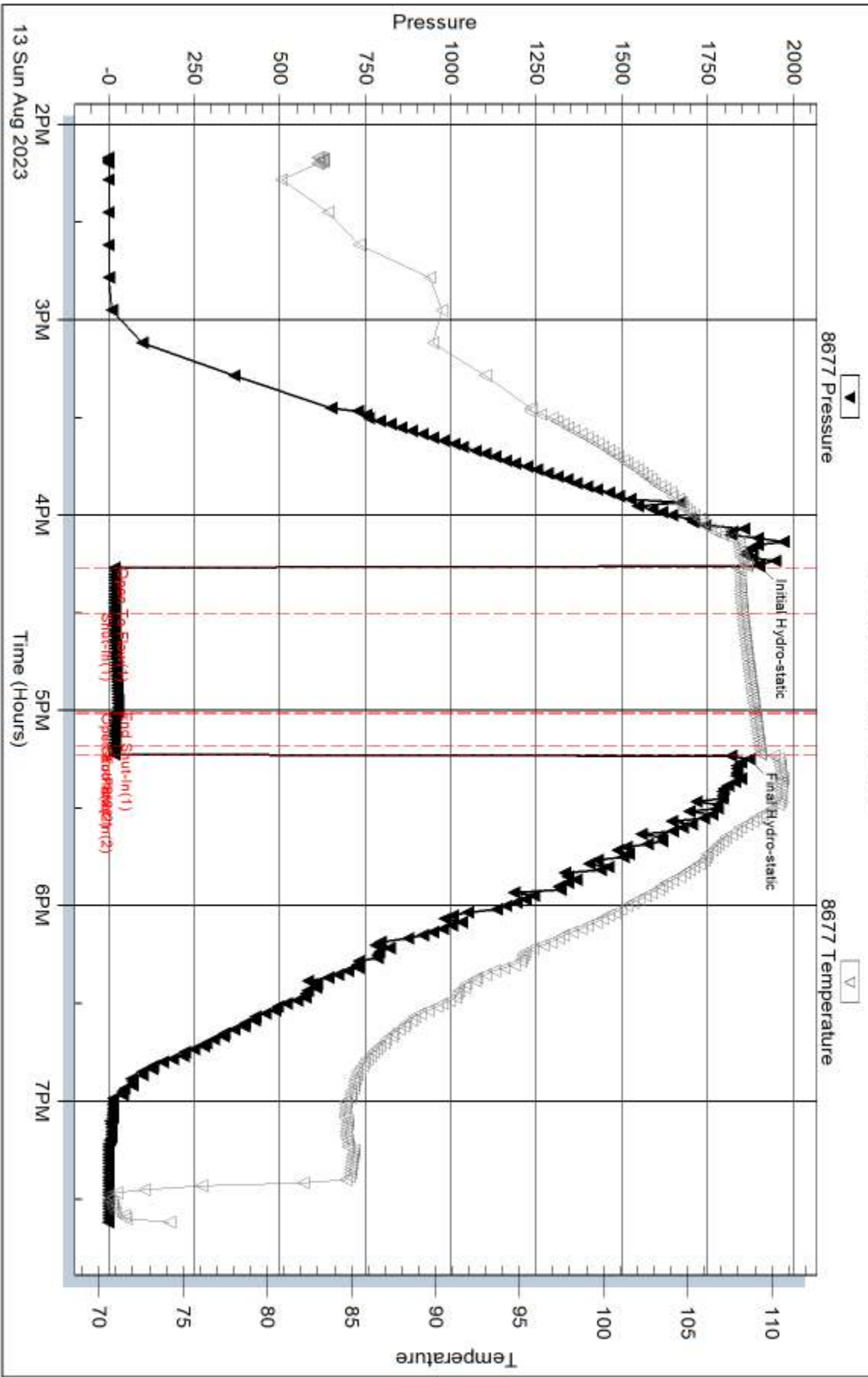
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM- 3#

Pressure vs. Time



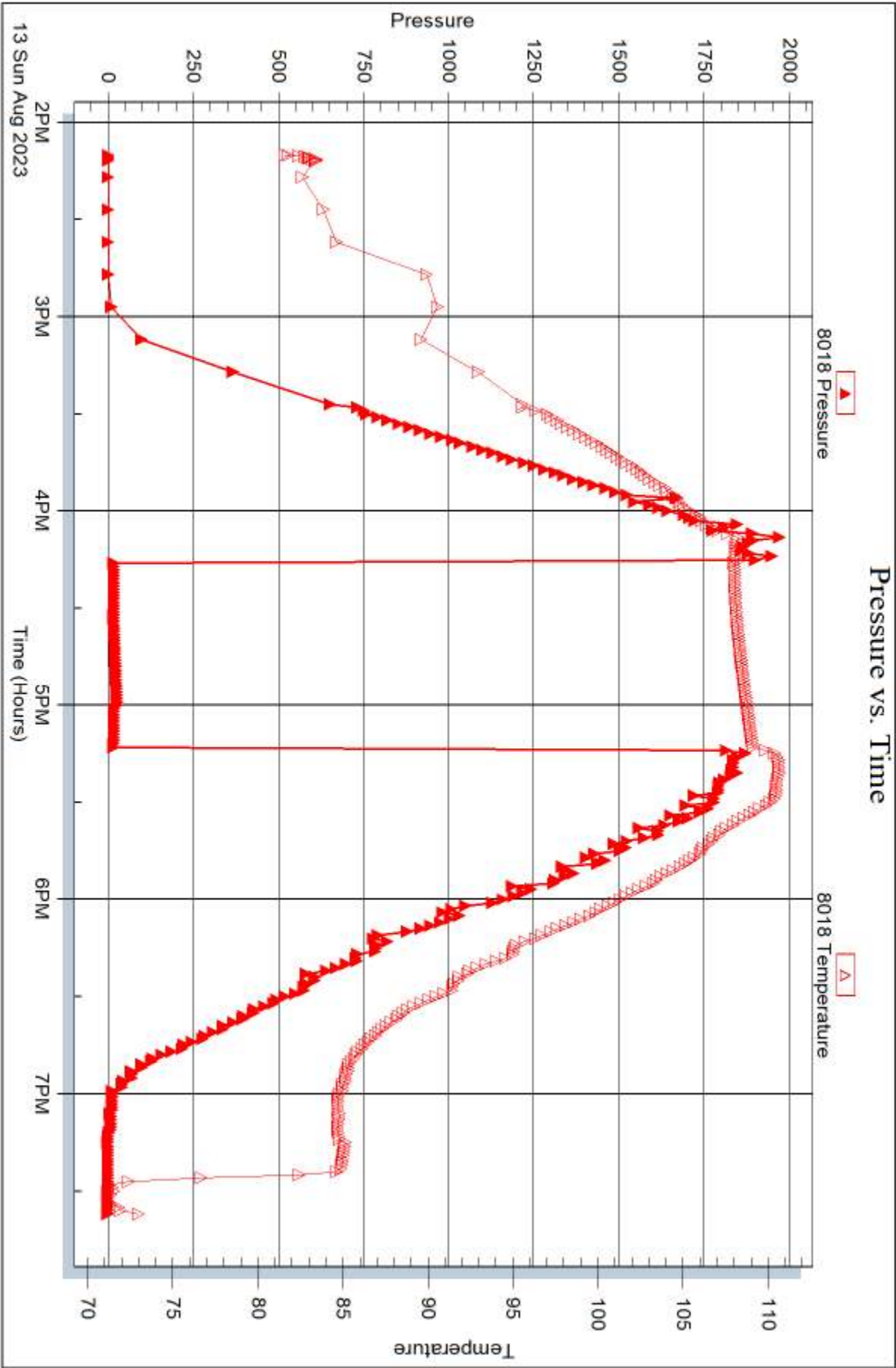
Serial #: 8018

Inside

Carmen Schnitt Inc.

JUL #1-7

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Jill #1-7

7-5s-29w, Decatur,KS

Start Date: 2023.08.14 @ 07:00:00

End Date: 2023.08.14 @ 14:46:00

Job Ticket #: 70293 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.08.18 @ 15:49:32



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70293

DST#: 3

ATTN: Brad Rine

Test Start: 2023.08.14 @ 07:00:00

GENERAL INFORMATION:

Formation: **LKC- E - G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:08:30

Time Test Ended: 14:46:00

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 3975.00 ft (KB) To 4013.00 ft (KB) (TVD)

Reference Elevations: 2834.00 ft (KB)

Total Depth: 4013.00 ft (KB) (TVD)

2829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8677 Outside

Press@RunDepth: 158.69 psig @ 3976.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.08.14

End Date:

2023.08.14

Last Calib.: 2023.08.14

Start Time: 07:00:05

End Time:

14:45:59

Time On Btm: 2023.08.14 @ 09:08:00

Time Off Btm: 2023.08.14 @ 12:24:00

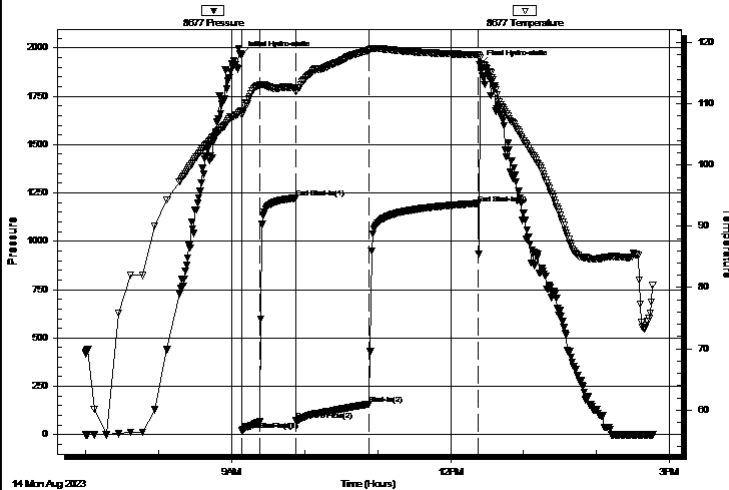
TEST COMMENT: IF- Weak surface blow , Built to 3" in 10 minutes; Final built to 3 1/2".

IS- No return.

FF- Weak surface blow , Built to 2" in 10 minutes; Final built to 5".

FS- No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.16	108.86	Initial Hydro-static
1	22.56	108.27	Open To Flow (1)
15	67.05	113.03	Shut-In(1)
45	1223.33	112.69	End Shut-In(1)
45	75.60	111.99	Open To Flow (2)
105	158.69	118.75	Shut-In(2)
195	1196.12	118.00	End Shut-In(2)
196	1913.01	117.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW w /oil spots- 60%W, 40%M	0.30
59.00	MW w /oil spots- 95%W, 5%M	0.29
59.00	MW w /oil spots- 95%W, 5%M	0.29
63.00	MW w /oil spots- 85%W, 15%M	0.88
64.00	MW w /oil spots- 60%W, 40%M	0.90

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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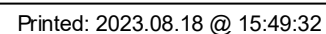
* Recovery from multiple tests



Test Start: 2023.08.14 @ 07:00:00

KB to GR/CF: 5.00 ft

FST- No return.





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70293

DST#: 3

ATTN: Brad Rine

Test Start: 2023.08.14 @ 07:00:00

Tool Information

Drill Pipe:	Length:	3780.00 ft	Diameter:	3.80 inches	Volume:	53.02 bbl	Tool Weight:	2500.00 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:	178.00 ft	Diameter:	2.25 inches	Volume:	0.88 bbl	Weight to Pull Loose:	20000.00 lb
					Total Volume:	53.90 bbl	Tool Chased	ft
Drill Pipe Above KB:		15.00 ft					String Weight: Initial	76000.00 lb
Depth to Top Packer:		3975.00 ft					Final	76000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		38.00 ft						
Tool Length:		70.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------	------------	----------	------------	----------------

Stubb	1.00		Fluid	3944.00	
Shut In Tool	5.00			3949.00	
Hydraulic tool	5.00			3954.00	
Jars	5.00			3959.00	
EM Tool	4.00			3963.00	
Safety Joint	3.00			3966.00	
Packer	5.00			3971.00	32.00 Bottom Of Top Packer
Packer	4.00			3975.00	
Stubb	1.00			3976.00	
Recorder	0.00	8677	Outside	3976.00	
Recorder	0.00	8018	Inside	3976.00	
Perforations	34.00			4010.00	
Bullnose	3.00			4013.00	38.00 Bottom Packers & Anchor

Total Tool Length: 70.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70293

DST#: 3

ATTN: Brad Rine

Test Start: 2023.08.14 @ 07:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 63.00 sec/qt

Water Loss: 6.39 in³

Resistivity: ohm.m

Salinity: 1200.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW w/oil spots- 60%W, 40%M	0.295
59.00	MW w/oil sopts- 95%W, 5%M	0.290
59.00	MW w/oil spots- 95%W, 5%M	0.290
63.00	MW w/oil spots- 85%W, 15%M	0.884
64.00	MW w/oil spots- 60%W, 40%M	0.898

Total Length: 305.00 ft

Total Volume: 2.657 bbl

Num Fluid Samples: 0

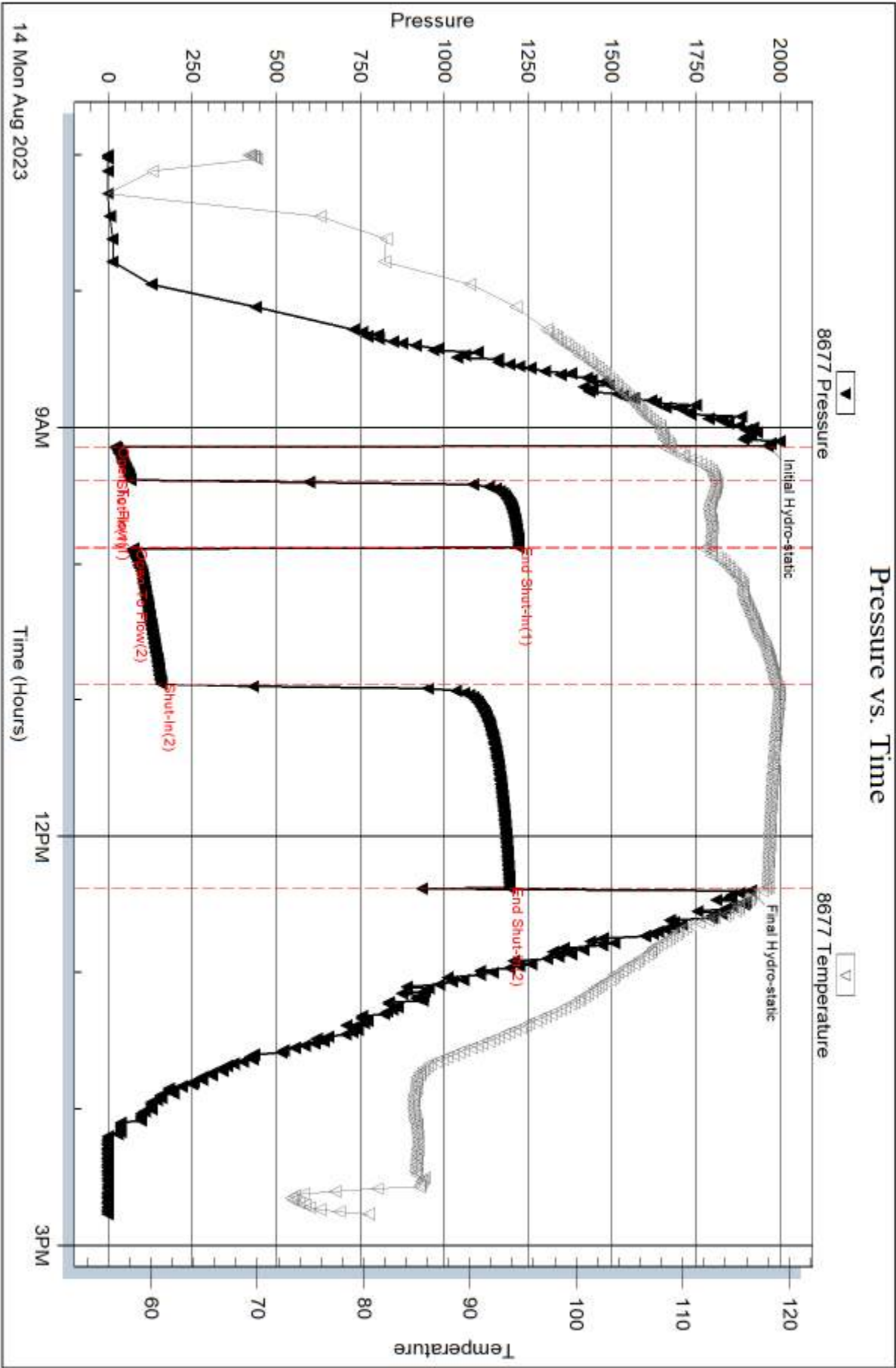
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM- 3#



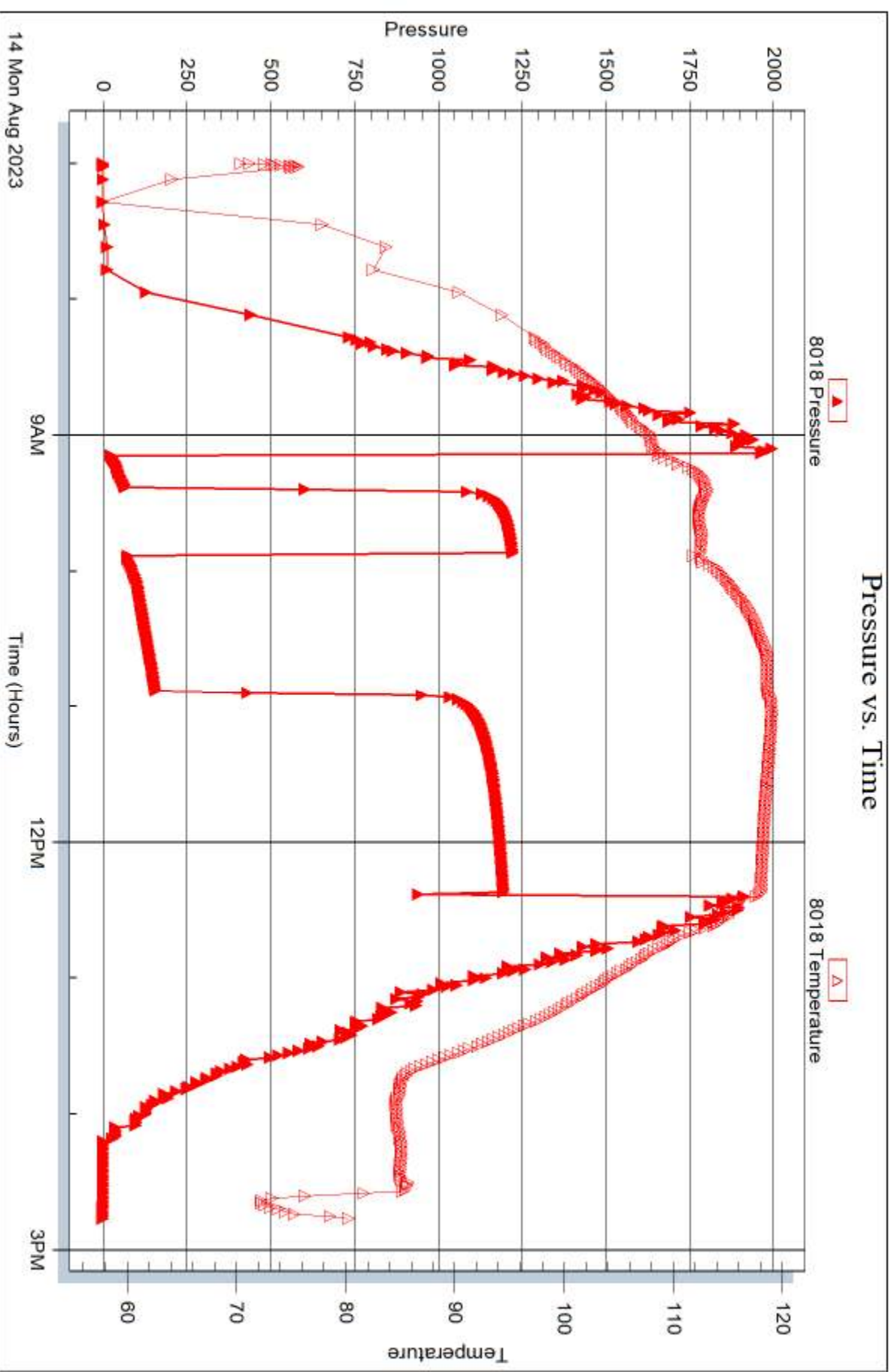
Serial #: 8018

Inside

Carmen Schnitt Inc.

Jill #1-7

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 70293

Printed: 2023.08.18 @ 15:49:33



DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Jill #1-7

7-5s-29w, Decatur,KS

Start Date: 2023.08.14 @ 22:21:00

End Date: 2023.08.15 @ 04:04:30

Job Ticket #: 70294 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.08.18 @ 15:48:35



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70294

DST#: 4

ATTN: Brad Rine

Test Start: 2023.08.14 @ 22:21:00

GENERAL INFORMATION:

Formation: **LKC G - H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:35:30

Time Test Ended: 04:04:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 4016.00 ft (KB) To 4050.00 ft (KB) (TVD)

Total Depth: 4050.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2834.00 ft (KB)

2829.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8677 Outside

Press@RunDepth: 42.22 psig @ 4017.00 ft (KB)

Start Date: 2023.08.14

End Date:

2023.08.15

Start Time: 22:21:05

End Time:

04:04:29

Capacity: 8000.00 psig

Last Calib.: 2023.08.15

Time On Btm: 2023.08.15 @ 00:35:00

Time Off Btm: 2023.08.15 @ 01:40:30

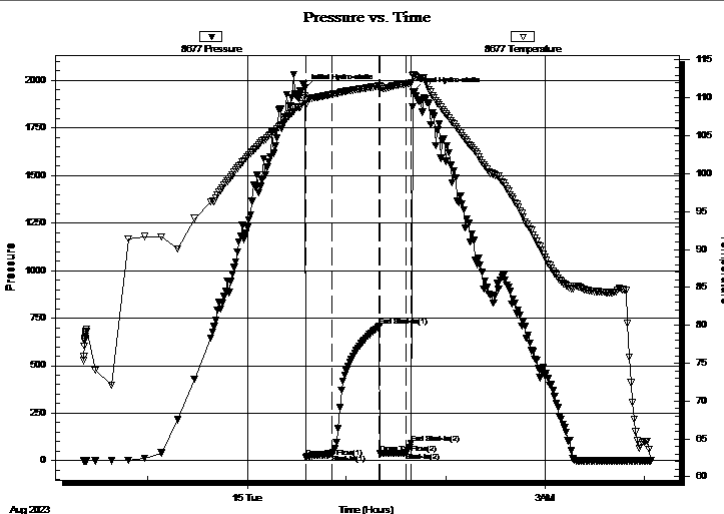
TEST COMMENT: IF- Weak surface blow , Built to 1/2" in 10 minutes; Final built to 3/4".

IS- No return.

FF- Weak surface blow , Weak surface blow after 10 minutes.

FS- Pulled.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1959.78	110.21	Initial Hydro-static
1	19.45	109.05	Open To Flow (1)
16	34.03	110.46	Shut-In(1)
45	708.13	111.56	End Shut-In(1)
46	39.62	111.21	Open To Flow (2)
61	42.22	111.81	Shut-In(2)
64	89.80	111.94	End Shut-In(2)
66	1941.46	113.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mw/oil spots- 100%M	0.05
0.00	168'- 100%G	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70294

DST#: 4

ATTN: Brad Rine

Test Start: 2023.08.14 @ 22:21:00

GENERAL INFORMATION:

Formation: **LKC G - H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:35:30

Time Test Ended: 04:04:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 4016.00 ft (KB) To 4050.00 ft (KB) (TVD)

Total Depth: 4050.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2834.00 ft (KB)

2829.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018 Inside

Press@RunDepth: psig @ 4017.00 ft (KB)

Start Date: 2023.08.14

End Date:

2023.08.15

Start Time: 22:21:05

End Time:

04:04:29

Capacity: 8000.00 psig

Last Calib.: 2023.08.15

Time On Btm:

Time Off Btm:

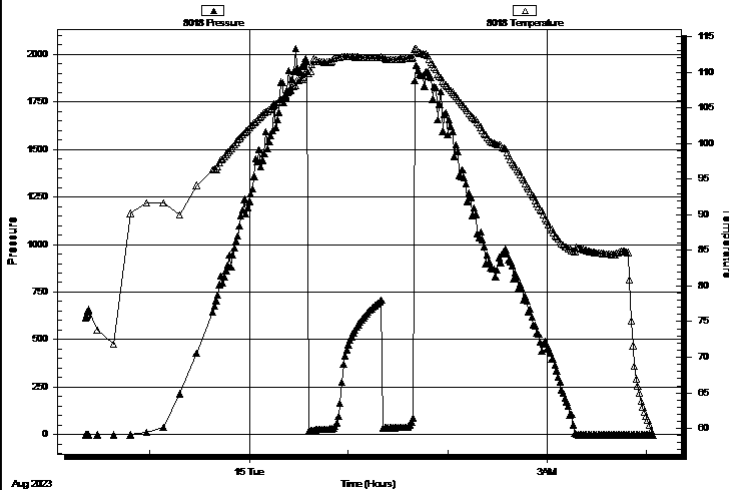
TEST COMMENT: IF- Weak surface blow , Built to 1/2" in 10 minutes; Final built to 3/4".

IS- No return.

FF- Weak surface blow , Weak surface blow after 10 minutes.

FS- Pulled.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mw/oil spots- 100%M	0.05
0.00	168'- 100%G	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70294

DST#: 4

ATTN: Brad Rine

Test Start: 2023.08.14 @ 22:21:00

Tool Information

Drill Pipe:	Length:	3811.00 ft	Diameter:	3.80 inches	Volume:	53.46 bbl	Tool Weight:	2500.00 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:	178.00 ft	Diameter:	2.25 inches	Volume:	0.88 bbl	Weight to Pull Loose:	25000.00 lb
					Total Volume:	54.34 bbl	Tool Chased	ft
Drill Pipe Above KB:		5.00 ft					String Weight: Initial	74000.00 lb
Depth to Top Packer:		4016.00 ft					Final	74000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		34.00 ft						
Tool Length:		66.00 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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Stubb	1.00		Fluid	3985.00	
Shut In Tool	5.00			3990.00	
Hydraulic tool	5.00			3995.00	
Jars	5.00			4000.00	
EM Tool	4.00			4004.00	
Safety Joint	3.00			4007.00	
Packer	5.00			4012.00	32.00 Bottom Of Top Packer
Packer	4.00			4016.00	
Stubb	1.00			4017.00	
Recorder	0.00	8677	Outside	4017.00	
Recorder	0.00	8018	Inside	4017.00	
Perforations	30.00			4047.00	
Bullnose	3.00			4050.00	34.00 Bottom Packers & Anchor

Total Tool Length: 66.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70294

DST#: 4

ATTN: Brad Rine

Test Start: 2023.08.14 @ 22:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 8.78 in³

Resistivity: ohm.m

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M w /oil spots- 100%M	0.049
0.00	168'- 100%G	0.000

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

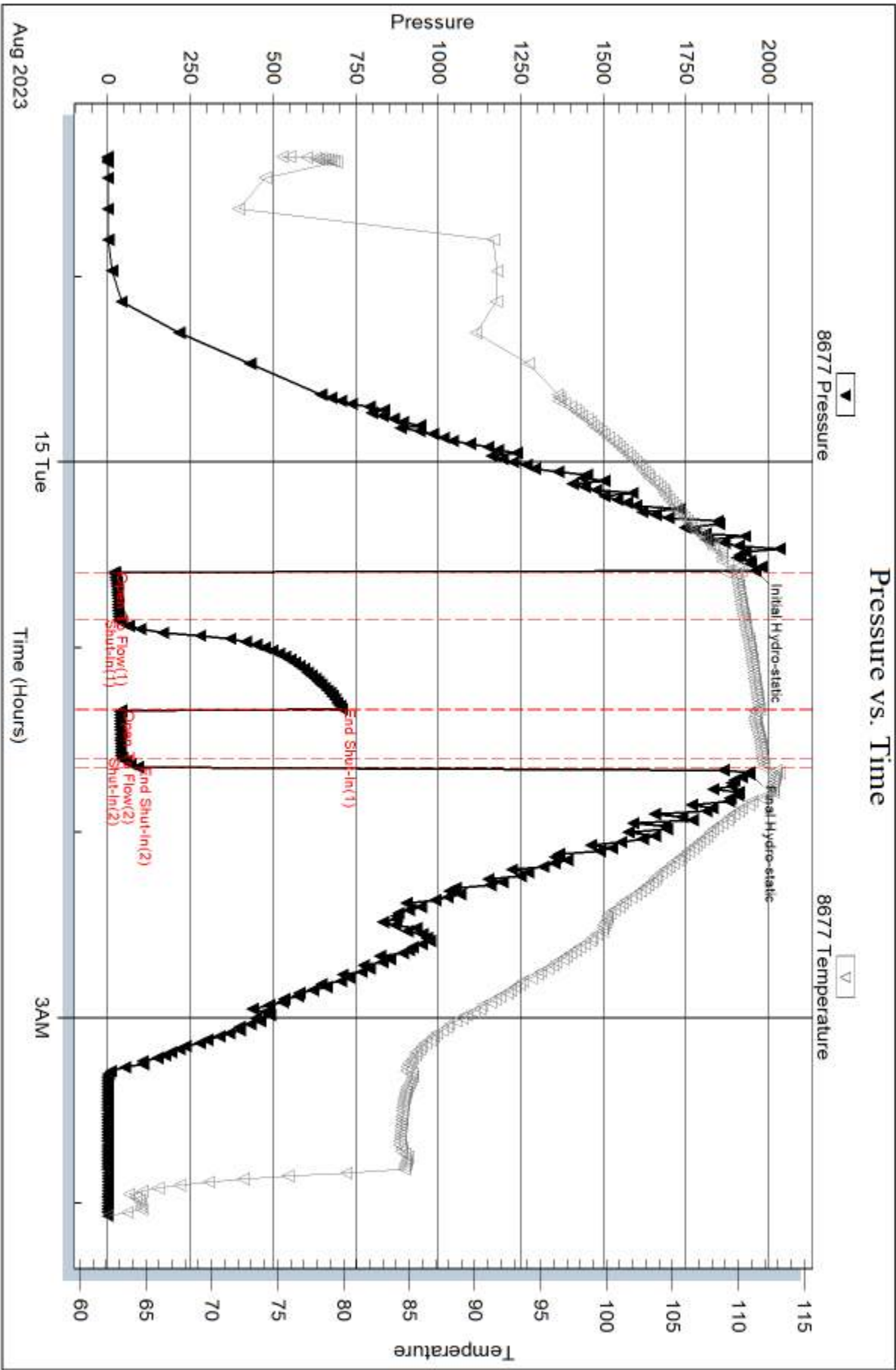
Recovery Comments: LCM- 2#

Serial #: 8677

Outside Carmen Schnitt Inc.

Jul #1-7

DST Test Number: 4



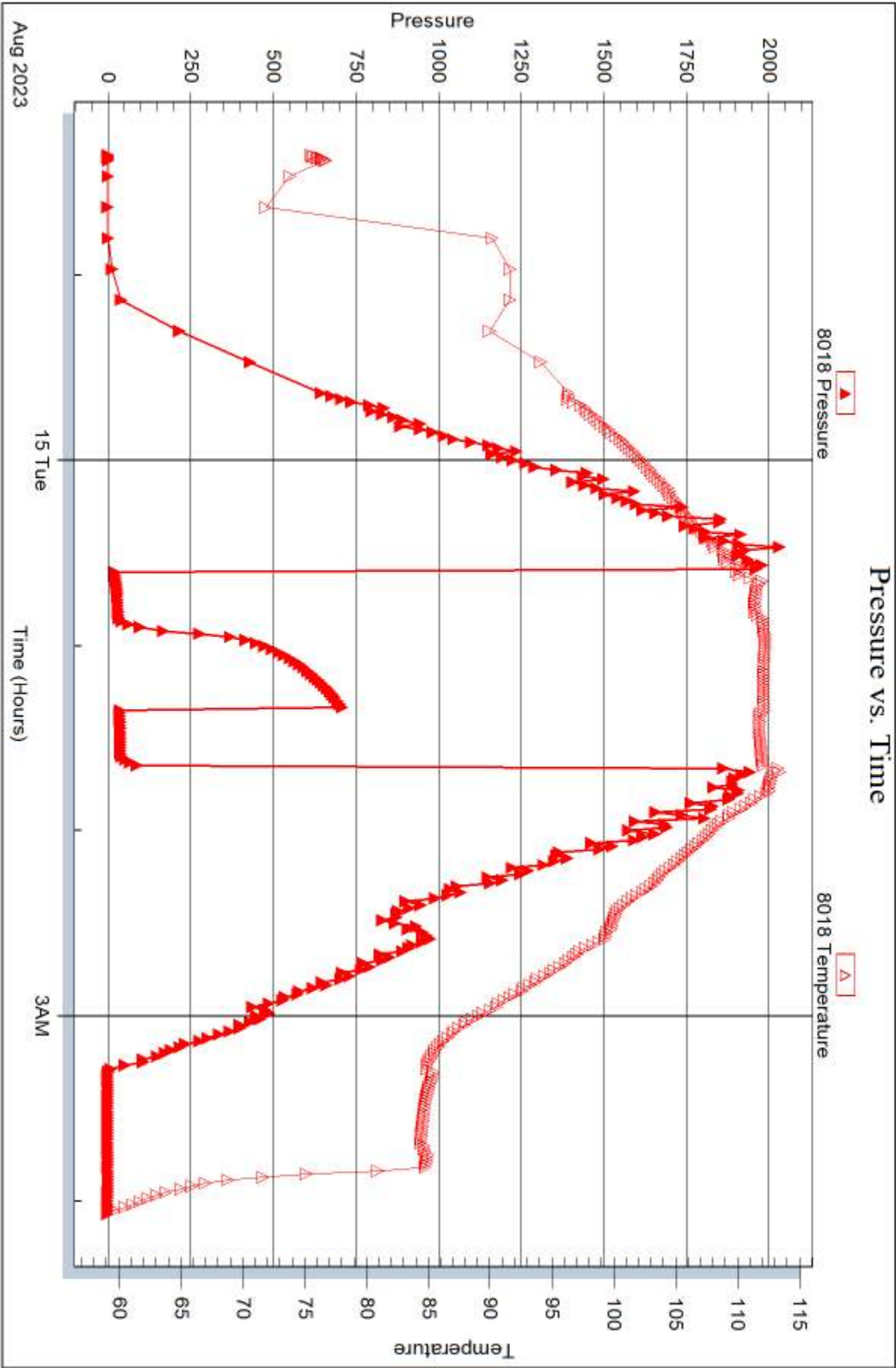
Serial #: 8018

Inside

Carmen Schnitt Inc.

JUL #1-7

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Carmen Schmitt Inc.**

PO Box 47
Great Bend, KS 67530

ATTN: Brad Rine

Jill #1-7

7-5s-29w, Decatur,KS

Start Date: 2023.08.15 @ 17:10:00

End Date: 2023.08.16 @ 01:35:30

Job Ticket #: 70295 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2023.08.18 @ 15:46:42



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70295

DST#: 5

ATTN: Brad Rine

Test Start: 2023.08.15 @ 17:10:00

GENERAL INFORMATION:

Formation: **LKC- J,K,L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:35:00

Time Test Ended: 01:35:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 4047.00 ft (KB) To 4140.00 ft (KB) (TVD)

Reference Elevations: 2834.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

2829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8677 Outside

Press@RunDepth: 118.88 psig @ 4048.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.08.15

End Date:

2023.08.16

Last Calib.:

2023.08.16

Start Time: 17:10:05

End Time:

01:35:29

Time On Btm:

2023.08.15 @ 19:34:30

Time Off Btm:

2023.08.15 @ 22:54:00

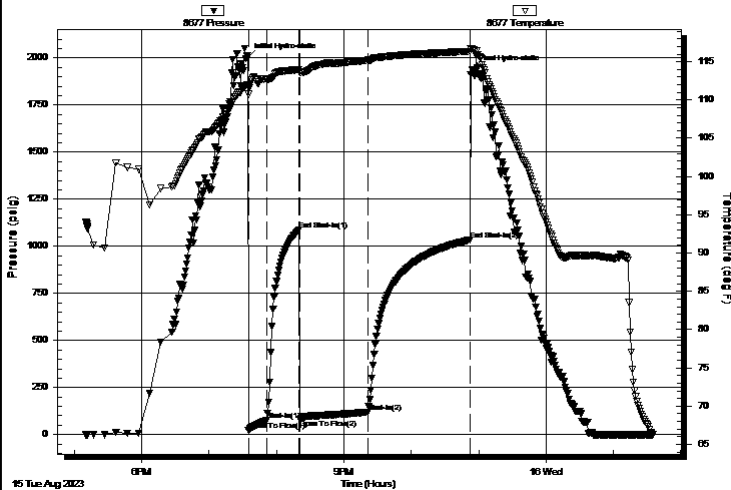
TEST COMMENT: IF- Weak surface blow , Built to 3 1/2" in 10 minutes; Final built to 4 1/2".

IS- No return.

FF- Weak surface blow , Built to 5 1/2" in 10 minutes, BOB in 30 minutes; Final built to 15".

FS- Weak surface blow , Built to 1" in 10 minutes, Built to 1 1/2" in 20 minutes; Final died to 1/2".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2001.74	112.00	Initial Hydro-static
1	24.49	110.74	Open To Flow (1)
17	74.85	112.71	Shut-In(1)
46	1087.87	113.96	End Shut-In(1)
47	80.74	113.61	Open To Flow (2)
107	118.88	115.18	Shut-In(2)
198	1034.88	116.36	End Shut-In(2)
200	1936.92	116.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM- 15%G, 20%O, 65%M	0.30
59.00	GOCM- 10%G, 20%O, 70%M	0.29
59.00	GOCM- 5%G, 15%O, 80%	0.29
63.00	GO- 15%G, 85%O	0.88
26.00	GO- 25%G, 75%O	0.36
0.00	415'- 100%G	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70295

DST#: 5

ATTN: Brad Rine

Test Start: 2023.08.15 @ 17:10:00

GENERAL INFORMATION:

Formation: **LKC- J,K,L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:35:00

Time Test Ended: 01:35:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 4047.00 ft (KB) To 4140.00 ft (KB) (TVD)

Total Depth: 4140.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2834.00 ft (KB)

2829.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8018 Inside

Press@RunDepth: psig @ 4048.00 ft (KB)

Start Date: 2023.08.15

End Date:

2023.08.16

Start Time: 17:10:05

End Time:

01:35:29

Capacity: 8000.00 psig

Last Calib.: 2023.08.16

Time On Btm:

Time Off Btm:

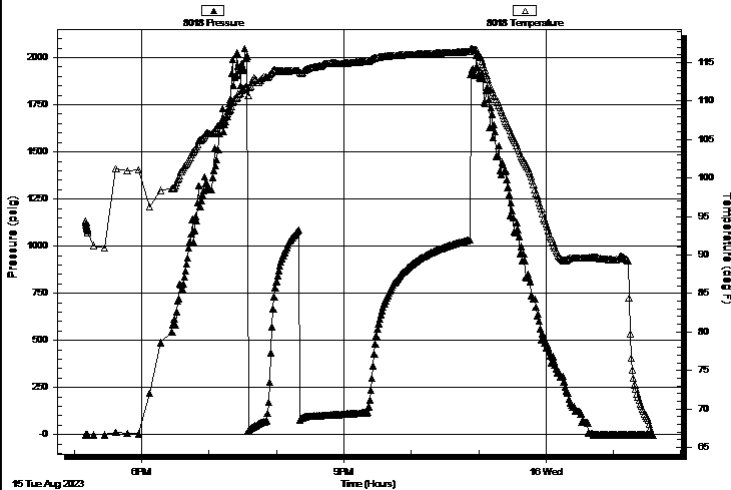
TEST COMMENT: IF- Weak surface blow , Built to 3 1/2" in 10 minutes; Final built to 4 1/2".

IS- No return.

FF- Weak surface blow , Built to 5 1/2" in 10 minutes, BOB in 30 minutes; Final built to 15".

FS- Weak surface blow , Built to 1" in 10 minutes, Built to 1 1/2" in 20 minutes; Final died to 1/2".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
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Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM- 15%G, 20%O, 65%M	0.30
59.00	GOCM- 10%G, 20%O, 70%M	0.29
59.00	GOCM- 5%G, 15%O, 80%	0.29
63.00	GO- 15%G, 85%O	0.88
26.00	GO- 25%G, 75%O	0.36
0.00	415'- 100%G	0.00

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70295

DST#: 5

ATTN: Brad Rine

Test Start: 2023.08.15 @ 17:10:00

Tool Information

Drill Pipe:	Length:	3843.00 ft	Diameter:	3.80 inches	Volume:	53.91 bbl	Tool Weight:	2500.00 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:	178.00 ft	Diameter:	2.25 inches	Volume:	0.88 bbl	Weight to Pull Loose:	20000.00 lb
					Total Volume:	54.79 bbl	Tool Chased	ft
Drill Pipe Above KB:	6.00 ft							
Depth to Top Packer:	4047.00 ft							
Depth to Bottom Packer:	ft							
Interval between Packers:	93.00 ft							
Tool Length:	125.00 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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Stubb	1.00		Fluid	4016.00	
Shut In Tool	5.00			4021.00	
Hydraulic tool	5.00			4026.00	
Jars	5.00			4031.00	
EM Tool	4.00			4035.00	
Safety Joint	3.00			4038.00	
Packer	5.00			4043.00	32.00 Bottom Of Top Packer
Packer	4.00			4047.00	
Stubb	1.00			4048.00	
Recorder	0.00	8677	Outside	4048.00	
Recorder	0.00	8018	Inside	4048.00	
Perforations	24.00			4072.00	
Change Over Sub	1.00			4073.00	
Drill Pipe	63.00			4136.00	
Change Over Sub	1.00			4137.00	
Bullnose	3.00			4140.00	93.00 Bottom Packers & Anchor
Total Tool Length:		125.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Carmen Schmitt Inc.

7-5s-29w, Decatur, KS

PO Box 47
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70295

DST#: 5

ATTN: Brad Rine

Test Start: 2023.08.15 @ 17:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 54.00 sec/qt

Water Loss: 6.39 in³

Resistivity: ohm.m

Salinity: 1500.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM- 15%G, 20%O, 65%M	0.295
59.00	GOCM- 10%G, 20%O, 70%M	0.290
59.00	GOCM- 5%G, 15%O, 80%	0.290
63.00	GO- 15%G, 85%O	0.884
26.00	GO- 25%G, 75%O	0.365
0.00	415'- 100%G	0.000

Total Length: 267.00 ft

Total Volume: 2.124 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

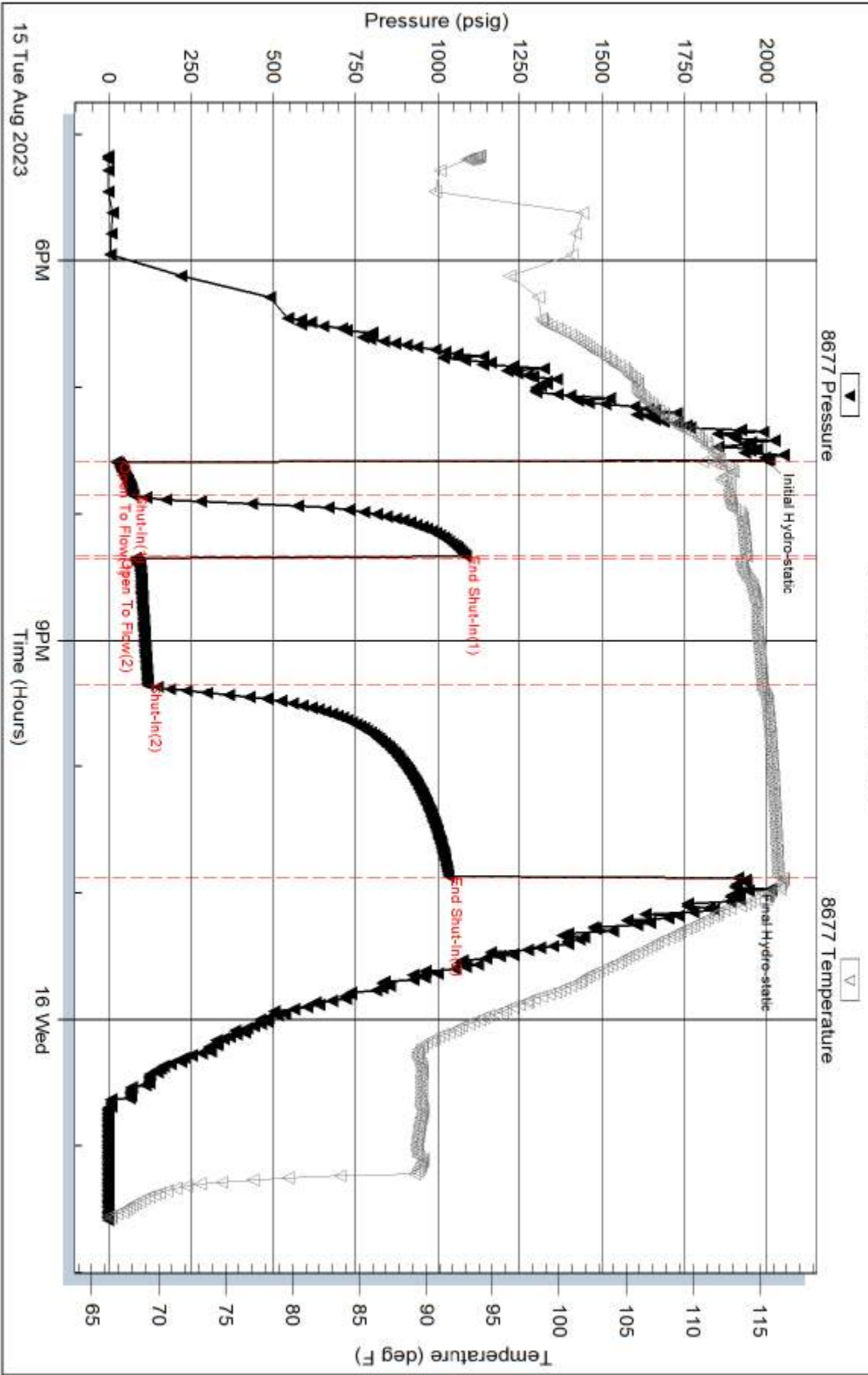
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM- 2#

Pressure vs. Time



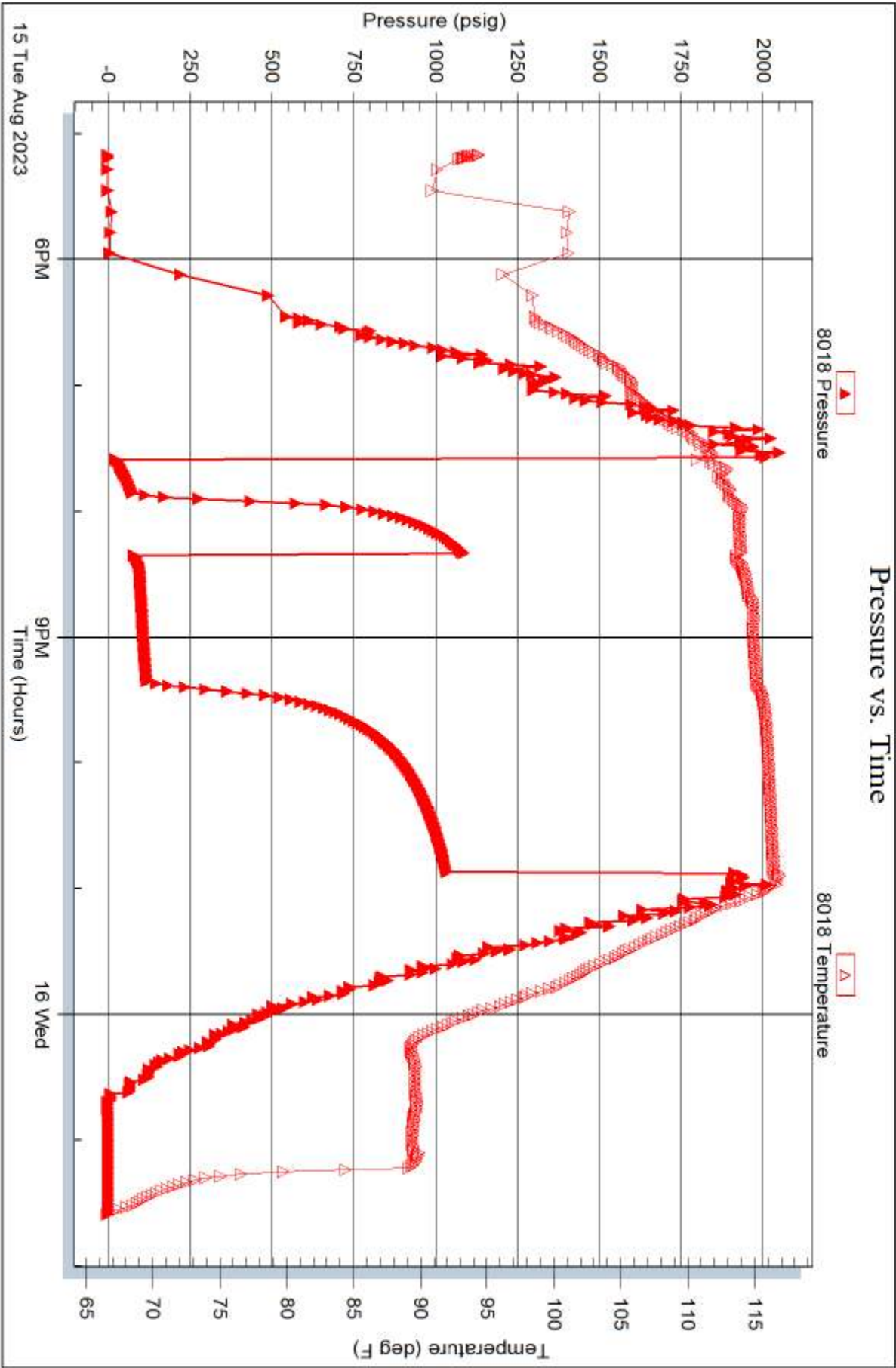
Serial #: 8018

Inside

Carmen Schnitt Inc.

Jill #1-7

DST Test Number: 5





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70975

Well Name & No. Jill #1-7 Test No. 1 Date 8/12/23
 Company Carmen Schmitt Inc. Elevation 2834 KB 2829 GL
 Address PO Box 47, Great Bend, KS 67530
 Co. Rep / Geo Brad Rine Rig Murfin #8
 Location: Sec. 7 Twp 5s Rge. 29w Co. Decatur State KS

Interval Tested 3872-3940 Zone Tested Toronto-LKC A
 Anchor Length 68 Drill Pipe Run 3685 Mud Wt. 8.8
 Top Packer Depth 3867 Drill Collars Run 178 Vis 54
 Bottom Packer Depth 3872 Wt. Pipe Run 0.0 WL 5.6
 Total Depth 3940 Chlorides 1000 ppm System LCM 4#

Blow Description 1F-Weak surface blow, Built to 3/4" in 30 seconds, Built to 1" in 10 minutes, Final 1"
1st No Return

1F-Weak blow

est. Pulled

Rec <u>5</u>	Feet of <u>Mud/oil spots</u>	%gas	%oil	%water	<u>100</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 113 Gravity — API RW — @ — °F Chlorides — ppm
 Initial Hydrostatic 1902 ☒ Test 1800 ☐ Ruined Shale Packer
 Initial Flow 28 to 29 ☒ Jars 300 ☐ Ruined Packer
 Initial Shut-In 287 ☐ Circ Sub ☐ Hotel
 Final Flow 31 to 31 ☐ Hourly Standby ☒ EM Tool Successful
 Final Shut-In 34 ☒ Mileage 36 RT 63 ☐ Accessibility
 Final Hydrostatic 1849 ☐ Sampler ☐ Gas Sample
☐ Straddle ☐ Oversized Hole

T- On Location 32140
 Initial Flow 15 T-Started 1:05 13/23 ☒ Shale Packer 250 ☐ Sub Total 0
 Initial Shut-In 30 T-Open 4:08 13/23 ☐ Extra Packer ☐ Total 2413
 Final Flow 10 T-Pulled 5:07 13/23 ☐ Extra Recorder ☐ Tool Loaded — @ —
 Final Shut-In Pull T-Out 13/23 ☐ Day Standby ☐ MP/DST Disc't

Comments —

Approved By — Our Representative Dir

Trilobite Testing Inc. shall not be liable for damage of any kind of property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70292

Well Name & No. J:11 #1-7 Test No. 2 Date 8/13/23
Company Carmen Schmitt Inc. Elevation 2834 KB 2829 GL
Address PO Box 47, Great Bend, KS 67530
Co. Rep / Geo Brad Rine Rig Murfin #8
Location: Sec. 7 Twp 5s Rge. 29w Co. Decatur State KS

Interval Tested 3930-3956 Zone Tested LKC, B
Anchor Length 26 Drill Pipe Run 3748 Mud Wt. 9.1
Top Packer Depth 3925 Drill Collars Run 178 Vis 63
Bottom Packer Depth 3930 Wt. Pipe Run 0.0 WL 6.4
Total Depth 3956 Chlorides 1200 ppm System LCM 3#

Blow Description IF-Weak surface blow, Remained weak surface blow after 10 minutes; Final weak surface
ESI-No return.

FF- No blow.

ESI- Pulled.

Rec <u>1</u>	Feet of <u>1 Well spots</u>	%gas	%oil	%water	<u>100</u> %mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1 BHT 110 Gravity — API RW — @ — °F Chlorides — ppm

Initial Hydrostatic 1901 ☒ Test 1800 ☐ Ruined Shale Packer

Initial Flow 18 to 18 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 28 ☐ Circ Sub ☐ Hotel

Final Flow 18 to 18 ☐ Hourly Standby ☒ EM Tool Successful

Final Shut-In 18 ☒ Mileage 36 RT 63 ☐ Accessibility

Final Hydrostatic 1872 ☐ Sampler ☐ Gas Sample

T- On Location 12:40 ☐ Straddle ☐ Sub Total 0

Initial Flow 15 T-Started 14:10 ☒ Shale Packer 250 ☐ Total 2413

Initial Shut-In 30 T-Open 16:15 ☐ Extra Packer ☐ Tool Loaded @

Final Flow 10 T-Pulled 17:14 ☐ Extra Recorder ☐ MP/DST Disc't

Final Shut-In Pull T-Out 19:37 ☐ Day Standby

Comments

Approved By Our Representative Dak

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70293

Well Name & No. Jill #1-7 Test No. 3 Date 8/14/23
 Company Carmen Schmitt Inc. Elevation 2834 KB 2829 GL
 Address PO Box 47, Great Bend, KS 67530
 Co. Rep / Geo Brad Rine Rig Martin #8
 Location: Sec. 7 Twp 5s Rge. 29w Co. Decatur State KS

Interval Tested 3975-4013 Zone Tested LKC-E, F, +G
 Anchor Length 38 Drill Pipe Run 3780 Mud Wt. 9.1
 Top Packer Depth 3970 Drill Collars Run 178 Vis 63
 Bottom Packer Depth 3975 Wt. Pipe Run 0.0 WL 6.4
 Total Depth 4013 Chlorides 1200 ppm System LCM 3#

Blow Description IF-Weak Surface blow, Built to 3" in 10 minutes; Final built to 3 1/2".

ESI- No return.

FF-Weak Surface blow, Built to 2" in 10 minutes; Final built to 5".

ESI- No return.

Rec <u>64</u>	Feet of <u>MW w/oil spots</u>	%gas	%oil	<u>60%</u> water	<u>40%</u> mud
Rec <u>63</u>	Feet of <u>MW w/oil spots</u>	%gas	%oil	<u>85%</u> water	<u>15%</u> mud
Rec <u>59</u>	Feet of <u>MW w/oil spots</u>	%gas	%oil	<u>95%</u> water	<u>5%</u> mud
Rec <u>59</u>	Feet of <u>MW w/oil spots</u>	%gas	%oil	<u>95%</u> water	<u>5%</u> mud
Rec <u>60</u>	Feet of <u>MW w/oil spots</u>	%gas	%oil	<u>60%</u> water	<u>40%</u> mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 305' BHT 118 Gravity — API RW — @ — °F Chlorides 48,000 ppm

Initial Hydrostatic 1963 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 23 to 67 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 1223 ☐ Circ Sub ☐ Hotel

Final Flow 76 to 159 ☐ Hourly Standby ☐ EM Tool Successful -350

Final Shut-In 1196 ☒ Mileage 36 RT ⁶³ ☐ Accessibility

Final Hydrostatic 1913 ☐ Sampler ☐ Gas Sample

T- On Location 5135 ☐ Straddle ☐ Sub Total -350

Initial Flow 15 T-Started 7:00 ☒ Shale Packer 250 ☐ Total 2213

Initial Shut-In 30 T-Open 9:08 ☐ Extra Packer ☐ Tool Loaded @

Final Flow 60 T-Pulled 12:23 ☐ Extra Recorder ☐ MP/DST Disc't

Final Shut-In 90 T-Out 14:46 ☐ Day Standby

Comments

Approved By _____ Our Representative Dan

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70294

Well Name & No. J:11 #1-7 Test No. 4 Date 8/14/23
 Company PO BOX 47, Great Bend, KS 67530 Elevation 2834 KB 2829 GL
 Address Carmen Schmitt Inc.
 Co. Rep / Geo Broad Rine Rig Murfin #8
 Location: Sec. 7 Twp 5s Rge. 29w Co. Decatur State KS

Interval Tested 4016-4050 Zone Tested LKC-G+H
 Anchor Length 34 Drill Pipe Run 3811 Mud Wt. 9.2
 Top Packer Depth 4011 Drill Collars Run 178 Vis 46
 Bottom Packer Depth 4016 Wt. Pipe Run 0.0 WL 8.8
 Total Depth 4050 Chlorides 1400 ppm System LCM 2

Blow Description IF-Weak surface Blow, Built to 1/2" in 10 minutes, Final built to 3/4"

ESI-None return

EF-Weak surface blow, weak surface blow after 10 minutes.

ESI-Pulled.

Rec <u>10</u>	Feet of <u>M w/oil spots</u>	%gas	%oil	%water <u>100</u>	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 110' 168' G BHT 113 Gravity — API RW — @ — °F Chlorides — ppm

Initial Hydrostatic 1960 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 19 to 34 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 708 ☐ Circ Sub ☐ Hotel

Final Flow 40 to 42 ☐ Hourly Standby ☒ EM Tool Successful

Final Shut-In 90 ☒ Mileage 36 RT 63 ☐ Accessibility

Final Hydrostatic 1941 ☐ Sampler ☐ Gas Sample

Initial Flow 15 T-On Location 21:20 ☐ Straddle ☐ Sub Total 0

Initial Shut-In 30 T-Started 22:21 ☒ Shale Packer 250 ☐ Total 2563

Final Flow 15 T-Open 42:30 8/15 ☐ Extra Packer ☐ Tool Loaded @

Final Shut-In Pull T-Pulled 1:40 8/15 ☐ Extra Recorder ☐ MP/DST Disc't

Final Shut-In Pull T-Out 4:05 8/15 ☐ Day Standby

Comments

Approved By _____ Our Representative [Signature]

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Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 70295

Well Name & No. J:11#1-7 Test No. 5 Date 8/15/23
Company Carmen Schmitt, Inc. Elevation 2834 KB 2829 GL
Address PO Box 47 Great Bend, Kansas, 67530
Co. Rep / Geo Brad Rine Rig Murfin #8
Location: Sec. 7 Twp 5s Rge. 29w Co. Decatur State KS

Interval Tested 4047-4140 Zone Tested LKC-J,K,L
Anchor Length 93 Drill Pipe Run 3843 Mud Wt. 9.2
Top Packer Depth 4042 Drill Collars Run 178 Vis 54
Bottom Packer Depth 4047 Wt. Pipe Run 0.0 WL 6.4
Total Depth 4140 Chlorides 1500 ppm System LCM 2#

Blow Description IF-Weak surface blow, Built to 3 1/2" in 10 minutes; Final built to 4 1/2".
ISI-No return.

FF-Weak surface blow, Built to 5 1/2" in 10 minutes; Final BOB in 30 minutes; Final 15".

FSI-Weak surface blow, Built to 1" in 10 minutes; Built to 1 1/2" in 20 minutes; Final built to 1 1/2".

Rec <u>26</u>	Feet of <u>G O</u>	<u>25</u> %gas	<u>75</u> %oil	%water	%mud
Rec <u>63</u>	Feet of <u>G O</u>	<u>15</u> %gas	<u>85</u> %oil	%water	%mud
Rec <u>59</u>	Feet of <u>GOCM</u>	<u>5</u> %gas	<u>15</u> %oil	%water	<u>80</u> %mud
Rec <u>59</u>	Feet of <u>GOCM</u>	<u>10</u> %gas	<u>20</u> %oil	%water	<u>70</u> %mud
Rec <u>60'</u>	Feet of <u>GOCM</u>	<u>15</u> %gas	<u>20</u> %oil	%water	<u>65</u> %mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 267' 1415' G BHT 117 Gravity _____ API RW 36 @ 67 °F Chlorides _____ ppm

Initial Hydrostatic 2002 ☒ Test 1950 ☐ Ruined Shale Packer _____

Initial Flow 24 to 75 ☒ Jars 300 ☐ Ruined Packer _____

Initial Shut-In 1088 ☐ Circ Sub _____ ☐ Hotel _____

Final Flow 81 to 119 ☐ Hourly Standby _____ ☒ EM Tool Successful _____

Final Shut-In 1035 ☒ Mileage 36 RTA 2 126 ☐ Accessibility _____

Final Hydrostatic 1937 ☐ Sampler _____ ☐ Gas Sample _____

T- On Location 15150 ☐ Straddle _____ ☐ Sub Total 0

Initial Flow 15 T-Started 17:10 ☒ Shale Packer 250 ☐ Total 2626

Initial Shut-In 30 T-Open 19:36 ☐ Extra Packer _____ ☐ Tool Loaded 8/16 @ 21:30

Final Flow 60 T-Pulled 22:53 ☐ Extra Recorder _____ ☐ MP/DST Disc't _____

Final Shut-In 90 T-Out 1:36 8/16 ☐ Day Standby _____

Comments Drove Back out to pickup tool.

Approved By _____ Our Representative [Signature]

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Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Jill #1-7 - Carmen Schmitt, Inc.
API: 15-039-21297-00-00
Location: SE-NW-NW-NE, Section 07-05S-29W
License Number: KCC #6569
Spud Date: August 09, 2023
Surface Coordinates: 485' FNL & 2155' FEL,
of Section
Bottom Hole Vertical Wellbore
Coordinates:
Ground Elevation (ft): 2829 Ft.
Logged Interval (ft): 3600 Ft. To: 4250 Ft. Total Depth (ft): RTD 4250 Ft. LTD 4251 Ft.
Formation: Pennsylvanian at Total Depth
Type of Drilling Fluid: Chemical

Region: Decatur Co., Kansas
Drilling Completed: August 17, 2023
Results: D&A
Field: Prarie Dog Creek No.
K.B. Elevation (ft): 2834 Ft.

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

Operator

Company: Carmen Schmitt, Inc.
Address: PO Box 47
Great Bend, Kansas 67530+0047

Geologist

Name: M. Bradford Rine
Company: Consulting Geologist, Kansas Lic. #204, Wyo #189, AAPG Cert. #2647
Address: 100 South Main, Suite #320A
Wichita, Kansas 67202

Remarks

Based on sample observations, drill stem test results, and electric log evaluation, it was the decision of the Operator, to plug and abandon the "Jill #1-7", on August 16, 2023.

Respectfully,
M. Bradford Rine, geologist

Drilling Information

Rig: Murfin Drlg. Rig #8
Pump: National K380 6x14
Drawworks: Ideco H35
Collars: 532' 2-1/4 x 6-1/4
Drillpipe: 4-1/2" 16.6# XH
Toolpusher: Jason Galli

Mud: Mudco (Reid Atkins)
Gas Detector: None
Drill Stem Tests: Trilobite (David Urban)
Logs: Midwest (Tim Martin)
Water: Cody Minium (Midwest Waterline)
Company Representatives:
Office: Carmen Schmitt
Field: NA

Daily Drilling Status

Date: **Operations/Depth/Comments**
08-09-23 **MIRT, RU, Spud @ 0'**
08-10-23 **Drilling @ 325'**
08-11-23 **Drilling @ 2525'**
08-12-23 **Drilling @ 3640'**
08-13-23 **Trip Out of Hole with DST 1 @ 3940'**
08-14-23 **Trip Out of Hole for DST #3 @ 4013'**
08-15-23 **Drilling @ 4055'**
08-16-23 **Drilling @ 4170'**
08-17-23 **Waiting on Cementers @ 4250'**
 Finish plugging at 2:24 PM

	Results:			(Well A)		(Well B)		(Well C)		(Well D)					
	Carmen Schmitt, Inc.			Murfin Drilling Co.		Murfin Drilling Co.		Murfin Drilling Co.		Carmen Schmitt, Inc.					
	Jill #1-7			Shuler "B" 1-1		Groneweg 1-7		Brantley 3-17		Anderson #1 OWWO					
	485'FNL & 155'FEL			990'FSL & 1650'FEL		1400'FSL & 1570'FWL		990'FNL & 660'FWL		1980'FNL & 330'FEL					
	Sec. 07-05S-29W			Sec. 01-05S-30W		Sec. 07-05S-29W		Sec. 17-05S-29W		Sec. 07-05S-29W					
	KB 2834			KB 2847		KB 2826		KB 2815		KB 2823		Well A	Well B	Well C	Well D
Formations	Sample	E-Log	Datum	E-Log	Datum	E-Log	Datum	E-Log	Datum	E-log	Datum	Comparisons			
Anhydrite	2578	2582	252	2596	251	2568	258	2551	264	2568	255	1	-6	-12	-3
B/Anhydrite	2611	2614	220	2628	219	2602	224	2584	231	2602	221	1	-4	-11	-1
Topeka	3706	3706	-872	3723	-876	3698	-872	3682	-867	3694	-871	4	0	-5	-1
Oread	3842	3846	-1012	3864	-1017	3844	-1018	3826	-1011	3837	-1014	5	6	-1	2
Heebner Sh.	3874	3876	-1042	3892	-1045	3872	-1046	3853	-1038	3863	-1040	3	4	-4	-2
Toronto	3908	3907	-1073	3925	-1078	3902	-1076	3885	-1070	3896	-1073	5	3	-3	0
Lansing	3921	3923	-1089	3940	-1093	3917	-1091	3898	-1083	3912	-1089	4	2	-6	0
Muncie Creek Sh.	4016	4016	-1182	4042	-1195	4017	-1191	3997	-1182	4008	-1185	13	9	0	3
Stark Sh.	4081	4080	-1246	4106	-1259	4073	-1247	4056	-1241	4068	-1245	13	1	-5	-1
Hushpuckney Sh.	4109	4107	-1273	4133	-1286	4101	-1275	4083	-1268	4097	-1274	13	2	-5	1
B/Kansas City	4125	4128	-1294	4154	-1307	4123	-1297	4102	-1287	4118	-1295	13	3	-7	1
Marmaton	4142	4144	-1310	4173	-1326	4139	-1313	4122	-1307	NDE	NA	16	3	-3	NA
Total Depth	4250	4251	-1417	4227	-1380	4200	-1374	4188	-1373	4133	-1310	-37	-43	-44	-107

Casing Record, Bit Record, Deviation Surveys, etc.

CASING:

Conductor: None

Surface: Ran 5 jts 8-5/8" 20# casing, set at 220 ft. (Copeland) Cement with 200 sx 60/40 POZ, 03%CC, 02%gel. Plug down at 8:45 PM, August 09, 2023. Cement did circulate.

Production: Plug well as follows: (Swift) Plug with 255 sx total, 60/40 POZ, 4% gel. 50sx @ 2600', 100sx @ 1850', 50sx @ 270', 10sx @ 40', 30sx in RH, 15sx in MH. Job completed at 2:24 pm, August 17, 2023.

BITS:

No.	Size	Make	Model	Depth In	Depth Out	Hours
1	12-1/4	HTC	Milltooth	0	220	01.25
2	7-7/8	Smith	MDi516	220	3596	39.00
3	7-7/8	Smith	F12Y	3596	4250	40.25

DEVIATION SURVEYS:

Deviation:	Depth:	Deviation:	Depth:
0.50*	220'	0.75*	3940'
0.50*	1786'	0.25*	4250'
0.75*	3596'		

PIPE STRAPS:

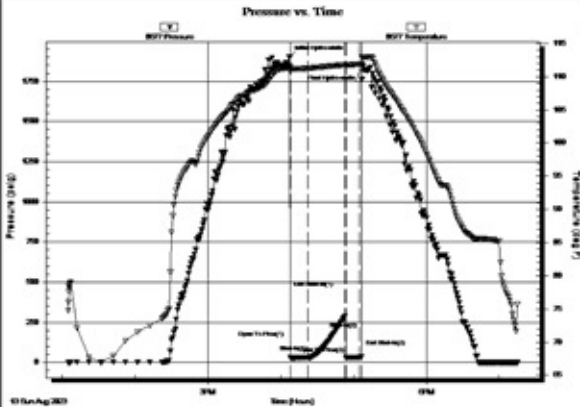
Difference:	Depth:
0.08' short	3596'

MUD UP:

Displace @ 3502'

Mudup @ 3538'

Misc. Events:

 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT																																						
	Carmen Schmitt Inc.		7-5s-29w, Decatur, Kansas																																				
	PO Box 47, Great Bend, KS 67530		Jill #1-7																																				
	ATTN: Brad Rine	Job Ticket: 70975	DST#: 1																																				
		Test Start: 2023.08.13 @ 13:05:00																																					
GENERAL INFORMATION:																																							
Formation: Toronto- LKC, A		Test Type: Conventional Bottom Hole (Initial)																																					
Deviated: No Whipstock: 2834.00 ft (KB)		Tester: David Urban																																					
Time Tool Opened: 16:08:00		Unit No: 67																																					
Time Test Ended: 19:15:30																																							
Interval: 3872.00 ft (KB) To 3940.00 ft (KB) (TVD)		Reference Elevations: 2834.00 ft (KB)																																					
Total Depth: 3940.00 ft (KB) (TVD)		2829.00 ft (CF)																																					
Hole Diameter: 7.88 inchesHole Condition: Fair		KB to GR/CF: 5.00 ft																																					
Serial #: 8677																																							
Press@RunDepth: 30.57 psig @ ft (KB)		Capacity: 8000.00 psig																																					
Start Date: 2023.08.13		End Date: 2023.08.13	Last Calib.: 2023.08.13																																				
Start Time: 13:05:00		End Time: 19:15:30	Time On Btm: 2023.08.13 @ 16:07:30																																				
			Time Off Btm: 2023.08.13 @ 17:07:30																																				
TEST COMMENT: IF- Weak surface blow , Built to 3/4" in 30 seconds, Built to 1" in 10 minutes; Final 1". IS- No return. FF- No blow . FSI- Pulled.																																							
		PRESSURE SUMMARY																																					
		<table><thead><tr><th>Time (Min.)</th><th>Pressure (psig)</th><th>Temp (deg F)</th><th>Annotation</th></tr></thead><tbody><tr><td>0</td><td>1902.00</td><td>111.48</td><td>Initial Hydro-static</td></tr><tr><td>1</td><td>27.97</td><td>110.72</td><td>Open To Flow (1)</td></tr><tr><td>15</td><td>29.49</td><td>111.26</td><td>Shut-In(1)</td></tr><tr><td>46</td><td>287.22</td><td>111.79</td><td>End Shut-In(1)</td></tr><tr><td>46</td><td>30.51</td><td>111.76</td><td>Open To Flow (2)</td></tr><tr><td>57</td><td>30.57</td><td>111.89</td><td>Shut-In(2)</td></tr><tr><td>59</td><td>34.10</td><td>111.92</td><td>End Shut-In(2)</td></tr><tr><td>60</td><td>1849.13</td><td>112.91</td><td>Final Hydro-static</td></tr></tbody></table>	Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation	0	1902.00	111.48	Initial Hydro-static	1	27.97	110.72	Open To Flow (1)	15	29.49	111.26	Shut-In(1)	46	287.22	111.79	End Shut-In(1)	46	30.51	111.76	Open To Flow (2)	57	30.57	111.89	Shut-In(2)	59	34.10	111.92	End Shut-In(2)	60	1849.13	112.91	Final Hydro-static	
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Recovery		Gas Rates																																					
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Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)																																					



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, Kansas

PO Box 47,
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70292

DST#: 2

ATTN: Brad Rine

Test Start: 2023.08.13 @ 14:10:00

GENERAL INFORMATION:

Formation: **LKC, A**

Deviated: No Whipstock: 2834.00 ft (KB)

Time Tool Opened: 16:16:00

Time Test Ended: 19:37:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 3930.00 ft (KB) To 3956.00 ft (KB) (TVD)

Reference Elevations: 2834.00 ft (KB)

Total Depth: 3956.00 ft (KB) (TVD)

2829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8677

Press@RunDepth: 18.45 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.08.13

End Date: 2023.08.13

Last Calib.: 2023.08.13

Start Time: 14:10:00

End Time: 19:37:30

Time On Btm: 2023.08.13 @ 16:15:30

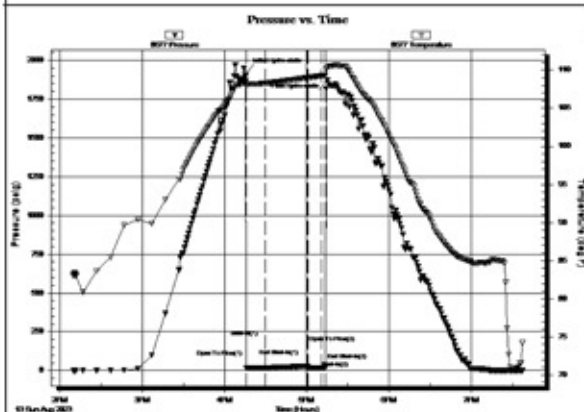
Time Off Btm: 2023.08.13 @ 17:15:00

TEST COMMENT: IF- Weak surface blow , Remained weak surface blow after 10 minutes; Final weak surface.

ISI- No return.

FF- No blow .

FSI- Pulled.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1900.94	108.52	Initial Hydro-static
1	17.97	107.97	Open To Flow (1)
15	18.25	108.26	Shut-In(1)
45	28.07	108.99	End Shut-In(1)
46	18.23	109.01	Open To Flow (2)
56	18.45	109.27	Shut-In(2)
58	17.67	109.33	End Shut-In(2)
60	1872.23	110.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	M w /oil spots- 100%M	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)
--	----------------	-----------------	-----------------

Trilobite Testing, Inc

Ref. No: 70292

Printed: 2023.08.13 @ 20:07:40



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.
PO Box 47,
Great Bend, KS 67530
ATTN: Brad Rine

7-5s-29w, Decatur, Kansas
Jill #1-7
Job Ticket: 70293 **DST#: 3**
Test Start: 2023.08.14 @ 07:00:00

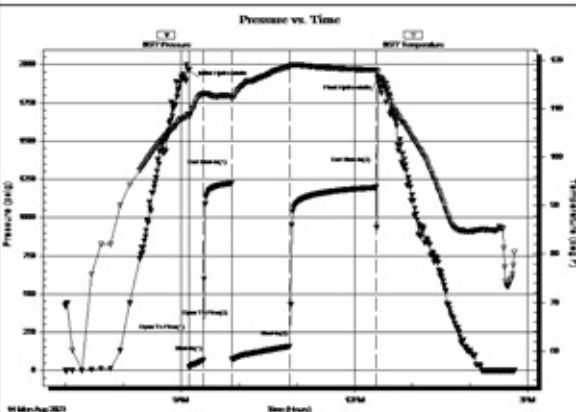
GENERAL INFORMATION:

Formation: **LKC- EF & G**
Deviated: No Whipstock: 2834.00 ft (KB)
Time Tool Opened: 09:08:30
Time Test Ended: 14:46:00
Test Type: Conventional Bottom Hole (Reset)
Tester: David Urban
Unit No: 67
Interval: **3975.00 ft (KB) To 4013.00 ft (KB) (TVD)**
Total Depth: 4013.00 ft (KB) (TVD)
Reference Elevations: 2834.00 ft (KB)
2829.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair
KB to GR/CF: 5.00 ft

Serial #: 8677

Press@RunDepth: 158.69 psig @ ft (KB)
Capacity: 8000.00 psig
Start Date: 2023.08.14 End Date: 2023.08.14
Last Calib.: 2023.08.14
Start Time: 07:00:00 End Time: 14:46:00
Time On Btm: 2023.08.14 @ 09:08:00
Time Off Btm: 2023.08.14 @ 12:24:00

TEST COMMENT: IF- Weak surface blow , Built to 3" in 10 minutes; Final built to 3 1/2".
ISL- No return.
FF- Weak surface blow , Built to 2" in 10 minutes; Final built to 5".
FSI- No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.16	108.86	Initial Hydro-static
1	22.56	108.27	Open To Flow (1)
15	67.05	113.03	Shut-In (1)
45	1223.33	112.69	End Shut-In (1)
45	75.60	111.99	Open To Flow (2)
105	158.69	118.75	Shut-In (2)
195	1196.12	118.00	End Shut-In (2)
196	1913.01	117.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW w /oil spots- 60%W, 40%M	0.30
59.00	MW w /oil spots- 95%W, 5%M	0.29
59.00	MW w /oil spots- 95%W, 5%M	0.29
63.00	MW w /oil spots- 85%W, 15%M	0.88
64.00	MW w /oil spots- 60%W, 40%M	0.90

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, Kansas

PO Box 47,
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70294

DST#: 4

ATTN: Brad Rine

Test Start: 2023.08.14 @ 22:21:00

GENERAL INFORMATION:

Formation: **LKC- G&H**

Deviated: No Whipstock: 2834.00 ft (KB)

Time Tool Opened: 00:35:30

Time Test Ended: 04:04:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: **4016.00 ft (KB) To 4050.00 ft (KB) (TVD)**

Reference Elevations: 2834.00 ft (KB)

Total Depth: 4050.00 ft (KB) (TVD)

2829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8677

Press@RunDepth: 34.03 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.08.14

End Date: 2023.08.15

Last Calib.: 2023.08.15

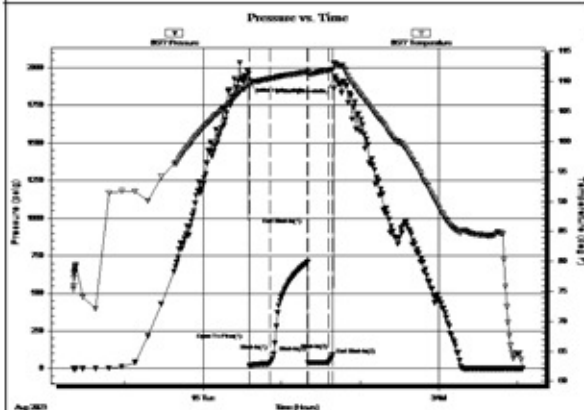
Start Time: 22:21:00

End Time: 04:04:30

Time On Btm: 2023.08.15 @ 00:35:00

Time Off Btm: 2023.08.15 @ 01:40:30

TEST COMMENT: IF- Weak surface blow , Built to 1/2" in 10 minutes; Final built to 3/4".
ISI- No return.
FF- Weak surface blow , Weak surface blow after 10 minutes.
FSI- Pulled.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1959.78	110.21	Initial Hydro-static
1	19.45	109.05	Open To Flow (1)
16	34.03	110.46	Shut-In(1)
45	708.13	111.56	End Shut-In(1)
46	39.62	111.21	Shut-In(2)
61	42.22	111.81	Shut-In(3)
64	89.80	111.94	End Shut-In(2)
66	1941.46	113.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	M w /oil spots- 100%M	0.05
0.00	168'- 100%G	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 70294

Printed: 2023.08.15 @ 04:41:29



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Carmen Schmitt Inc.

7-5s-29w, Decatur, Kansas

PO Box 47,
Great Bend, KS 67530

Jill #1-7

Job Ticket: 70295

DST#: 5

ATTN: Brad Rine

Test Start: 2023.08.15 @ 17:10:00

GENERAL INFORMATION:

Formation: LKC- J,K,L

Deviated: No Whipstock: 2834.00 ft (KB)

Time Tool Opened: 19:35:00

Time Test Ended: 01:35:30

Test Type: Conventional Bottom Hole (Reset)

Tester: David Urban

Unit No: 67

Interval: 4047.00 ft (KB) To 4140.00 ft (KB) (TVD)

Reference Elevations: 2834.00 ft (KB)

Total Depth: 4140.00 ft (KB) (TVD)

2829.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8677

Press@RunDepth: 118.88 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.08.15

End Date: 2023.08.16

Last Calib.: 2023.08.16

Start Time: 17:10:00

End Time: 01:35:30

Time On Btm: 2023.08.15 @ 19:34:30

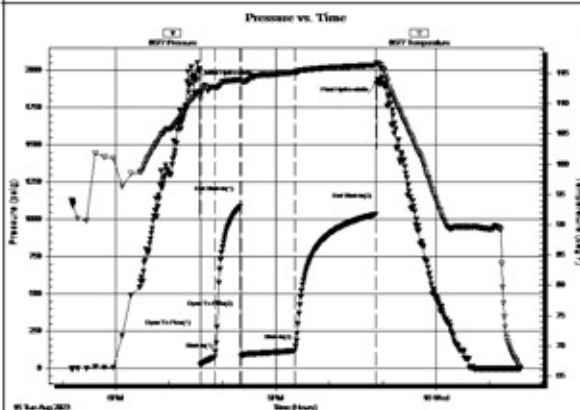
Time Off Btm: 2023.08.15 @ 22:54:00

TEST COMMENT: IF- Weak surface blow , Built to 3 1/2" in 10 minutes; Final built to 4 1/2".

ISI- No return.

FF- Weak surface blow , Built to 5 1/2" in 10 minutes, BOB in 30 minutes; Final built to 15".

FSI- Weak surface blow , Built to 1" in 10 minutes, Built to 1 1/2" in 20 minutes; Final died to 1/2".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2001.74	112.00	Initial Hydro-static
1	24.49	110.74	Open To Flow (1)
17	74.85	112.71	Shut-In(1)
46	1087.87	113.96	End Shut-In(1)
47	80.74	113.61	Open To Flow (2)
107	118.88	115.18	Shut-In(2)
198	1034.88	116.36	End Shut-In(2)
200	1936.92	116.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM- 15%G, 20%O, 65%M	0.30
59.00	GOCM- 10%G, 20%O, 70%M	0.29
59.00	GOCM- 5%G, 15%O, 80%	0.29
63.00	GO- 15%G, 85%O	0.88
26.00	GO- 25%G, 75%O	0.36
0.00	415'- 100%G	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Trilobite Testing, Inc

Ref. No: 70295

Printed: 2023.08.16 @ 02:22:52

Rock Types

	Cgl/gran wash		Bent		Dol		Salt		Till
	Dol ls/lmy dol		Brec		Gyp		Shale		Siltysh
	New symbol		Cht		Igne		Shcol		Shlysiltst
	Dol ls/lmy dol		Clyst		Lmst		Shgy		Siltst
	New symbol		Blk sh/coal		Meta		Ss		Sandyls
	Anhy		Congl		Mrlst				

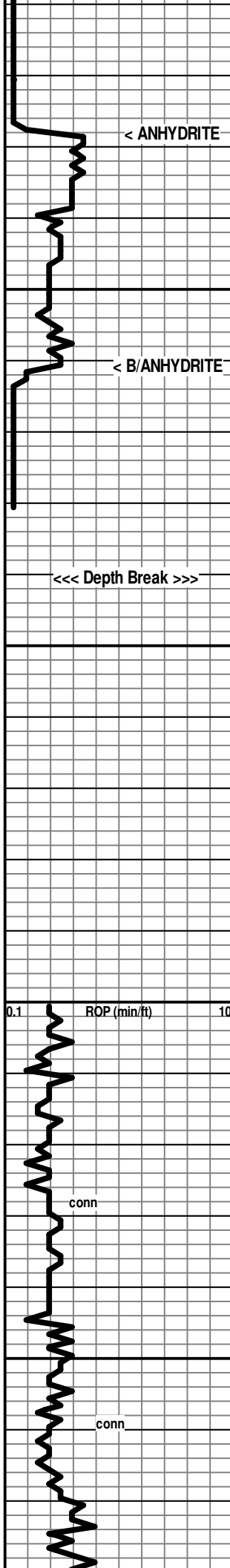
Accessories

MINERAL			FOSSIL		STRINGER	TEXTURE
	Anhy		Gyp		Anhy stringer symbol	
	Arggrn		Hvymin		Shale stringer symbol	
	Arg		Kaol		Bent stringer symbol	
	Bent		Marl		Coal stringer symbol	
	Bit		Minxl		Dol stringer symbol	
	Brecfrag		Nodule		Gyp stringer symbol	
	Calc		Phos		Ls stringer symbol	
	Carb		Pyr		Mrst stringer symbol	
	Chtdk		Salt			
	Chtlt		Sandy			
	Dol		Silt			
	Feldspar		Sil			
	Ferrpel		Sulphur			
	Ferr		Tuff			
	Glau					

Other Symbols

OIL SHOW			INTERVAL
	Oil & gas show		Even
	Gas show		Spotted
			Dead
			Gas
			Trace or questionable

ROP (min/ft) ROP (min/ft)	MD	Lithology	Geological Descriptions	Remarks
0.1 ROP (min/ft) 10				
	2500			
	50			



< ANHYDRITE

< B/ANHYDRITE

<<< Depth Break >>>

2600

3550

3600

3650



← 2578 (+256)

* Anhydrite Interval, based on drill time only!

← 2611 (+223)

*(Sample Descriptions Lagged!)

50% Sh & silty shale % Shaley Siltst, gmish to gy; 50% Ls wh-cr, fn xln, pr-fr xln por in pt, dns in pt, sli foss

40% Sh & silty shale % Shaley Siltst, gmish to gy; 60% Ls cr-tan-pl gy, fn xln, pr xln por in pt, dns in pt, sli foss

25% Sh & silty shale % Shaley Siltst, red, gmish to gy; 75% Ls cr-pl gy, fn xln, pr-fr xln por in pt, dns in pt, silty in pt, sli foss to abund foss

10% Sh & silty shale % Shaley Siltst, red, gmish to gy; 90% Ls cr-pl gy, fn xln, pr xln por in pt, dns in pt, silty in pt, sli foss

10% Sh & silty shale % Shaley Siltst, red, gmish to gy; 90% Ls cr-pl gy, fn xln, pr xln por in pt, dns in pt, chalky in pt, silty in pt, sli foss

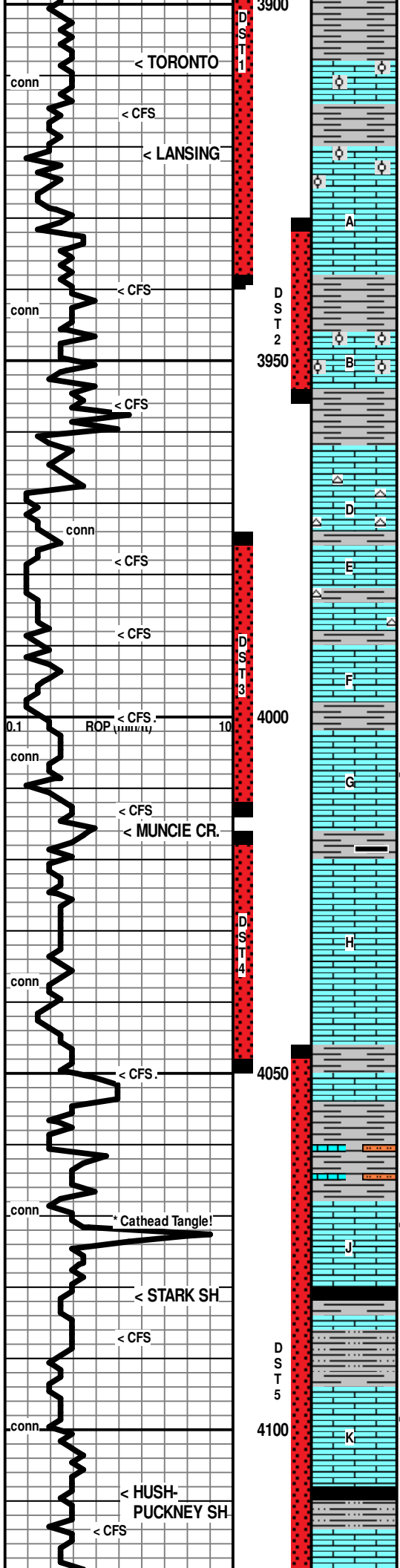
* Displace & Mudup:
3502'-3538'

* Bit Trip: Change from
PDC to Tricone button
@ 3596 ft! (Trip
Smooth)

* Pipe Strap @ 3596':
0.08' short!

7:00 AM, August 12, 2023

Mud Check, Drlg @ 3677':
Vis Wt WL PV YP
5.4 8.8 5.6 18 16



brn/dk brn stn, Mix tr shows Brn-dk Brn FO - gassy in pt, some dk thick NVLO to DO]

3908 (-1074)
Ls wh-cr, fn xln, chalky to pr xln por, mod am't of pp pores & scatt sm vugs, abund foss, ool in pt with scatt interool pores * [See Show Descr. Above!]
Sh red-gy-grm-blk (washes red)

3921 (-1087)
Ls wh-cr-tan, fn xln, pr vis xln por, mod am't of pp pores & sm-lg vugs, foss, Rr ool, becoming dns with depth
[Fnt Odor, Rr dull speckled fluor, mod am't pcs with dk spotty-patchy stn, pores & vugs filled with Tr of lt brn FO, much dk hvy NVL oil & dk thick sub-tarry oil]

Sh red-gy-grmish, silty text in pt
Ls cr, fn xln, packed micro-ool with abund even-patchy interool pores, scatt sm vugs, some chalky cement
[V Fnt Odor, No fluor, mod am't of pcs with brn-dk brn stn in pores & vugs, some even stn, Fr show of Brn gassy FO & dk brn NVL oil]
Sh mostly dk red, some grn-gy (washes deep red)
Ls wh-cr, fn xln, chalky in pt, dns in pt, pr vis xln por, V Rr pp pores, Rr foss, abund chert: fresh, cr-gy, subtransl-subopaq, foss in pt

[No Odor, No fluor, a few pcs total with scant spots of black resid-gilson stn, *Possibly from above? NSFO]

Sh gy-grm-red-black, silty to earthy to argil
Ls wh-cr-tan, fn xln, chalky in pt, dns to pr vis xln por in pt, Rr pp pores, foss, chert: wh-cr-gy, fresh, transl to opa, foss in pt

Show Descr. —————>
Sh red-gy-grm, earthy-silty-arg text

Ls cr, fn xln, pr vis xln por with scatt patches of pp pores, foss
Show Descr. —————>

Sh less red, more gy-pl grn-grm, earthy-silty-arg text
Ls wh-cr, fn xln, dns in pt with scatt patches & pcs with pr vis xln por & pp pores, scatt Rr sm vugs, foss

Show Descr. —————>

4016 (-1182)
Sh gy-black, carb in pt

4030' & 4040' spls: Ls cr-tan, fn xln, pr vis xln por with scatt pp pores, foss-abund foss with interfoss pores
Show Descr. —————>

Ls cr, fn xln mostly pr xln por with scatt fr xln por, scatt pp pores & svugs foss to abund foss, becomes more dns with depth

[Mild Odor, No fluor, abund pcs with lt brn-brn spotty-patchy Stn, abund sli shows of lt brn-brn FO on crush-sli gassy in pt]

7:00 AM, August 15, 2023

4070' spl: 95% Shale: red-gy-grm, mostly mushy to soft, some silty or calc (washes red)

4080' spl: 90% Ls: wh-cr, fn xln, some chalky, abund dns, abund pr vis xln por, Rr fr xln por, widely scatt pp pores, Rr sm vugs, foss-abund foss, becoming more dns with depth

Show Descr. —————>

4081 (-1247)
4087'20 min spl: 60% Ls wh-cr, fn xln, chalky & soft to dns & firm, foss; 40% Sh red-gy-dk gy-black, carb? 40 min spl was appr 70% Ls

4100' spl: 80% Sh red-gy-grm, mushy-soft-subfirm, subsilty-silty in pt

4110' spl: 85% Ls wh-cr, fn xln, subchaky in pt, mostly dns, some patches & pcs with pr xln por, V Rr pp pores, foss to abund foss

Show Descr. —————>

4109 (-1275)

4114' 20-min spl: 50% Sh mostly red-gy-grm, abund mushy to soft, some firm, silty in pt, few black pcs (washes deep red)

4130' spl: 85% Ls wh-cr-pl gy, vnf-fn xln, mostly dns, some chalky,

Final Open: No Blow
Rec: 5' mud with oil spots
IHP: 1902 FHP: 1894
IFP: 28-29 FFP: 31-31
ISIP: 287 FSIP: NA
BHT: 113°F

Mud Check, TIH/Bit after DST1 @ 3940':
Vis Wt WL PV YP
63 9.1 6.4 18 21
Chl Hd pH LCM Solids
1200 40 11.0 3 5.4

7:00 AM, August 13, 2023

DST #2: 3930-3956 (Lansing B)
Times: 15-30-10-out
Initial Open: Wk Surface Blow
Final Open: No Blow
Rec: 1' mud with oil spots
IHP: 1901 FHP: 1872
IFP: 18-18 FFP: 18-18
ISIP: 28 FSIP: NA
BHT: 110°F

[E zn: No Odor, No fluor, a few pcs with pp pores with lt brn stn in pores, and tr show of lt brn FO on crush]

[F zn: Mild Odor, No fluor, lower % pcs with patches of spotty lt brn-brn stn, with sli shows of lt brn-brn sli gassy FO, some pcs with dk resid stn]

[G zn: Mild Odor, No fluor, lower % pcs with tan-brn spotty stn in patches, Tr to sli shows of lt brn-brn sli gassy FO on crush, some blk gilson stn]

7:00 AM, August 14, 2023
[4030-40' spls: Mod sour Odor, No fluor, trace of watery/oily scum on crush, tr-sli show of brn gassy FO in a some pcs, tr of V dk brn hvy NVL & sub-tarry Dead Oil in some pores]

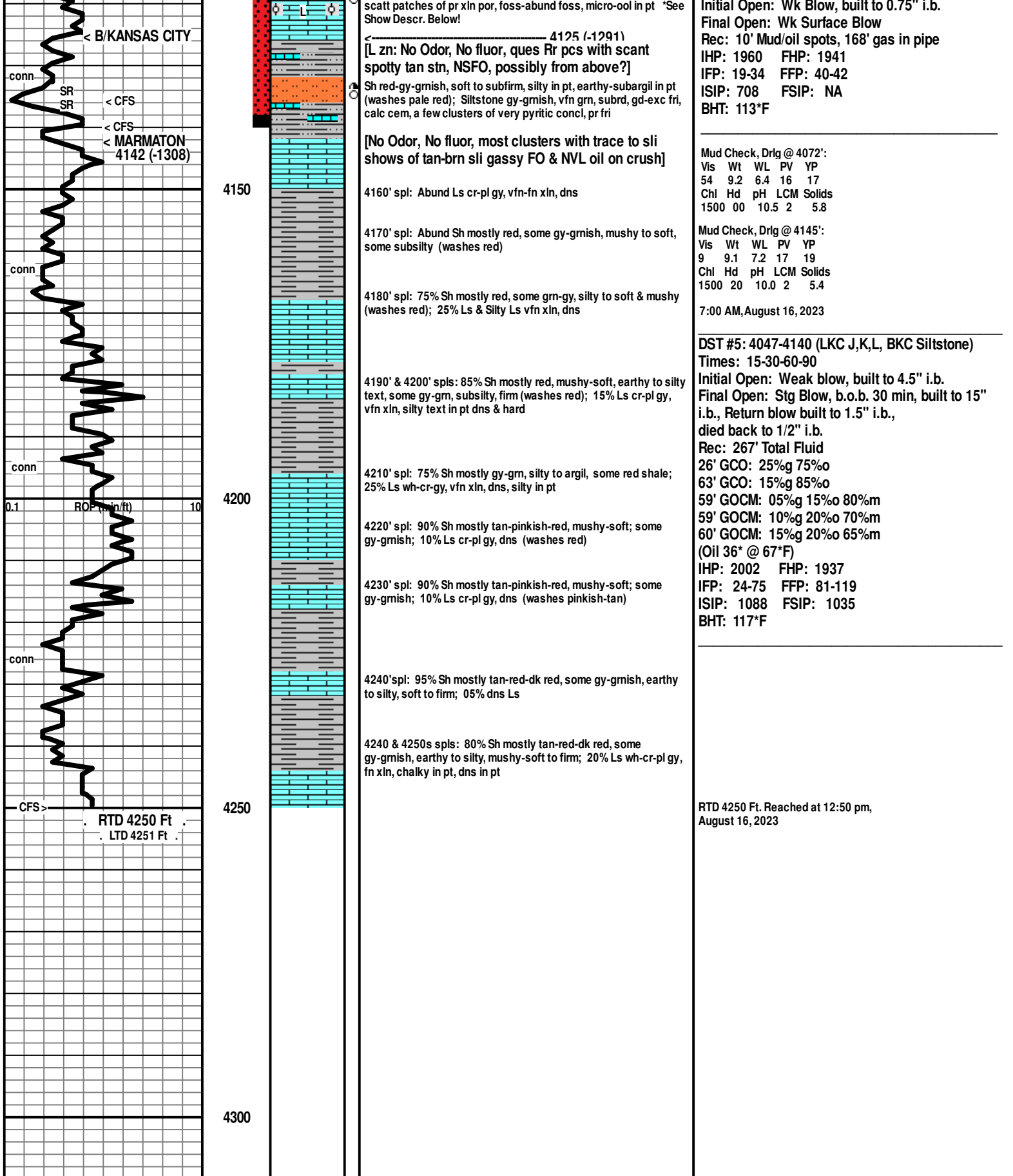
DST #3: 3975-4013 (Lansing E,F,G)
Times: 15-30-60-90
Initial Open: Wk Blow, built to 3.5" i.b.
Final Open: Wk Blow, built to 5" i.b.
Rec: 305' Total Fluid
64' MCW 60%w 40%g
63' MCW 85%w 15%g
118' MCW 95%w 05%g
60' MCW 60%w 40%g
(Chl/wtr 48000 ppm Chl/mud 1400 ppm)
IHP: 1963 FHP: 1913
IFP: 23-67 FFP: 76-159
ISIP: 1223 FSIP: 1196
BHT: 118°F

[No Odor, No fluor, mod am't of spotty to patchy (with Rr even) tan-lt brn stn, Tr shows where por, of Oily scum on crush & 2-pcs trace of brn FO on crush]

Mud Check, TIH/DST3 @ 4013':
Vis Wt WL PV YP
46 9.2 8.8 15 16
Chl Hd pH LCM Solids
1400 80 10.5 2 5.9

[V Fnt Odor on crush, No fluor, low% pcs with tan-brn-blk spotty-patchy stn, Rr tr show of dk brn FO, tr of NVL oil, some pcs with blk resid/gils stn]

DST #4: 4016-4050 (LKC G,H)
Times: 15-30-15-out



Notice: Fill out COMPLETELY
and return to Conservation Division at
the address below within
60 days from plugging date.

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL PLUGGING RECORD
K.A.R. 82-3-117

Form CP-4

March 2009

Type or Print on this Form

Form must be Signed

All blanks must be Filled

OPERATOR: License #: _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

Type of Well: (Check one) ☐ Oil Well ☐ Gas Well ☐ OG ☐ D&A ☐ Cathodic☐ Water Supply Well ☐ Other: _____ ☐ SWD Permit #: _____☐ ENHR Permit #: _____ ☐ Gas Storage Permit #: _____Is ACO-1 filed? ☐ Yes ☐ No If not, is well log attached? ☐ Yes ☐ No

Producing Formation(s): List All (If needed attach another sheet)

_____ Depth to Top: _____ Bottom: _____ T.D. _____

_____ Depth to Top: _____ Bottom: _____ T.D. _____

_____ Depth to Top: _____ Bottom: _____ T.D. _____

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

County: _____

Lease Name: _____ Well #: _____

Date Well Completed: _____

The plugging proposal was approved on: _____ (Date)

by: _____ (KCC District Agent's Name)

Plugging Commenced: _____

Plugging Completed: _____

Show depth and thickness of all water, oil and gas formations.

Oil, Gas or Water Records		Casing Record (Surface, Conductor & Production)			
Formation	Content	Casing	Size	Setting Depth	Pulled Out

Describe in detail the manner in which the well is plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same depth placed from (bottom), to (top) for each plug set.

Plugging Contractor License #: _____ Name: _____

Address 1: _____ Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Phone: (_____) _____

Name of Party Responsible for Plugging Fees: _____

State of _____ County, _____, ss.

(Print Name) ☐ Employee of Operator or ☐ Operator on above-described well,

being first duly sworn on oath, says: That I have knowledge of the facts statements, and matters herein contained, and the log of the above-described well is as filed, and the same are true and correct, so help me God.

Submitted Electronically



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300

Invoice

DATE	INVOICE #
8/17/2023	36323

BILL TO
Carmen Schmitt, Inc. P. O. Box 47 915 Harrison Great Bend, KS 67530-0047

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-7	Jill	Decatur	Murfin	Oil	Development	PTA	David E
PRICE REF.		DESCRIPTION			QTY	UM	UNIT PRICE	AMOUNT
575D		Mileage - 1 Way			120	Miles	8.00	960.00
576D-P		Pump Charge - PTA			1	Job	1,200.00	1,200.00
290		D-Air			3	Gallon(s)	42.00	126.00T
328-4		60/40 Pozmix (4% Gel)			255	Sacks	13.00	3,315.00T
276		Flocele			50	Lb(s)	4.00	200.00T
581D		Service Charge Cement			255	Sacks	2.00	510.00
583D		Drayage			1,235	Ton Miles	1.00	1,235.00
410-8		8 5/8" Top Plug			1	Each	180.00	180.00T
		Subtotal						7,726.00
		Sales Tax Decatur County					7.50%	286.58
		7/10/43						
		20349.0107						
		BCP Well Rte						
		"Cement to Plus"						
We Appreciate Your Business!							Total	\$8,012.58



CHARGE TO: Gerrman Smith
ADDRESS
CITY, STATE, ZIP CODE

PAGE 1 OF

TICKET 36323

SERVICE LOCATIONS	WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Hays</u>	<u>1-7</u>	<u>511</u>	<u>DeCade</u>	<u>KS</u>		<u>8-17-25</u>	
2. <u>Ness City</u>	TICKET TYPE ☐ SERVICE ☐ SALES	CONTRACTOR <u>Martin</u>	RIG NAME/NO.	SHIPPED ☒	DELIVERED TO <u>location</u>	ORDER NO.	
3.	WELL TYPE <u>Oil</u>	WELL CATEGORY <u>Development</u>	JOB PURPOSE <u>Pra</u>		WELL PERMIT NO.	WELL LOCATION	
4.	REFERRAL LOCATION	INVOICE INSTRUCTIONS					

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF			U/M		U/M		
575		1			MILEAGE <u>Trk 111</u>	120	mi			8.00	960.00
576P		1			<u>Ramp Charge - Pra</u>	1	ea			1200.00	1200.00
290		1			<u>D-Air</u>	3	box			42.00	126.00
328-4		2			<u>60/40 Rozmix 4% Gr</u>	255	sq			13.00	3315.00
276		2			<u>Fluic</u>	50	lbs			4.00	200.00
581		2			<u>Service Charge Cnt</u>	255	sq			2.00	510.00
583		2			<u>Drayage</u>	1235	tm			1.00	1235.00
410					<u>Top Plug - 8 5/8</u>	1	ea			180.00	180.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED

TIME SIGNED

☐ A.M.
☐ P.M.

REMIT PAYMENT TO:

SWIFT SERVICES, INC.

P.O. BOX 466

NESS CITY, KS 67560

785-798-2300

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	☐ YES	☐ NO	

PAGE TOTAL

7776.00

TOTAL

8012.58

SWIFT OPERATOR

APPROVAL

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

Thank You!

CUSTOMER

LEASE

8-17-23 2

56323

JOB TYPE	Per
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CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							On location
		5	7					1st Plug @ 2600
		5	13					pump w/IR spacer
		5	4					pump CMT - 50 sx
								pump w/IR spacer
								Disp w/ mud
		5	5					2nd plug @ 1850
		5	26					pump w/IR spacer
		5	2					pump CMT - 100 sx
								Disp
		5	3					3rd plug - 270
		5	13					pump w/IR spacer
		5	1					pump CMT - 50 sx
								Disp
		1.5	2					4th plug @ 40
								pump CMT - 10 sx
		1.5	8					plug rat hole - 30 sx
		1.5	4					plug mouse hole - 15 sx
	1430							Well plugged
								Jobs Complete
								THANKS
								DAVID, SETH & JOSH