

DRILL STEM TEST REPORT

Prepared For: **M&M Exploration**

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

Jorns #20-3

20-26S-11W Pratt,KS

Start Date: 2025.09.08 @ 19:08:00

End Date: 2025.09.09 @ 00:44:02

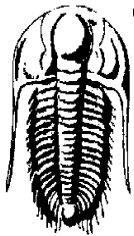
Job Ticket #: 72712 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2025.09.15 @ 09:42:33



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

M&M Exploration

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

20-26S-11W Pratt, KS

Jorns #20-3

Job Ticket: 72712

DST#: 1

Test Start: 2025.09.08 @ 19:08:00

GENERAL INFORMATION:

Formation: **Lansing "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:04:02

Time Test Ended: 00:44:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 72

Interval: 3675.00 ft (KB) To 3692.00 ft (KB) (TVD)

Total Depth: 3692.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1866.00 ft (KB)

1855.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8372 Inside

Press@RunDepth: 9.20 psig @ 3681.00 ft (KB)

Start Date: 2025.09.08

End Date:

2025.09.09

Start Time: 19:08:01

End Time:

00:44:02

Capacity: psig

Last Calib.: 2025.09.09

Time On Btm: 2025.09.08 @ 21:02:02

Time Off Btm: 2025.09.08 @ 23:06:47

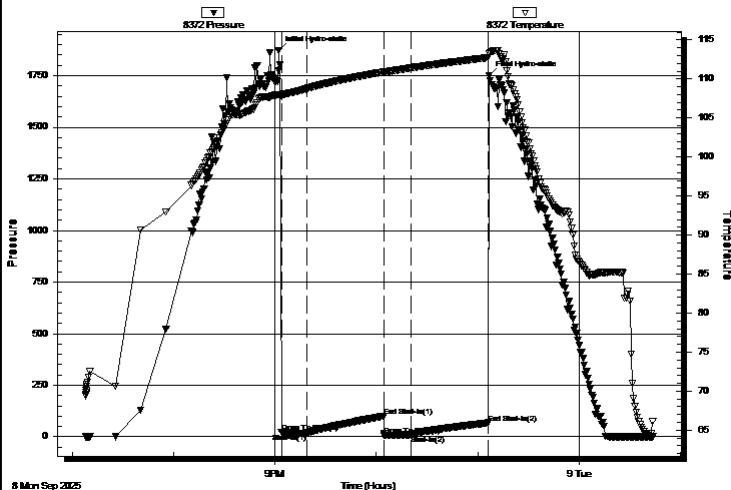
TEST COMMENT: IF: Weak 1.35" Blow (15)

IS: No Blow Back (45)

FF: Weak 2.1" Blow (45)

FS: No Blow Back (45)

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1872.20	108.01	Initial Hydro-static
2	20.00	107.94	Open To Flow (1)
17	18.23	108.78	Shut-In(1)
63	99.97	110.88	End Shut-In(1)
63	6.79	110.89	Open To Flow (2)
79	9.20	111.40	Shut-In(2)
124	67.49	112.77	End Shut-In(2)
125	1751.02	113.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	55' GIP	0.00
5.00	SGCM 6%G 94%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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M&M Exploration

ATTN: Jeremy Schwartz

20-26S-11W Pratt,KS

Jorns #20-3

Job Ticket: 72712

DST#: 1

Test Start: 2025.09.08 @ 19:08:00

Formation: **Lansing "B"**

Time Tool Opened: 21:04:02

Time Test Ended: 00:44:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 72

Interval: 3675.00 ft (KB) To 3692.00 ft (KB) (TVD)

Total Depth: 3692.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Good

Reference Elevations: 1866.00 ft (KB)

1855.00 ft (CF)

KB to GR/CF: 11.00 ft

Press@RunDepth: psig @ 3681.00 ft (KB)

Start Date: 2025.09.08

End Date:

2025.09.09

Capacity: psig

Last Calib.: 2025.09.09

Start Time: 19:08:01

End Time:

00:44:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak 1.35" Blow (15)

ISI: No Blow Back (45)

FF: Weak 2.1" Blow (45)

FSI: No Blow Back (45)



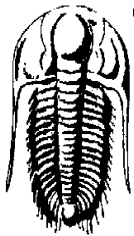
Recovery

Gas Rates

Trilobite Testing, Inc

Ref. No: 72712

Printed: 2025.09.15 @ 09:42:33



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72712

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2025.09.08 @ 19:08:00

Tool Information

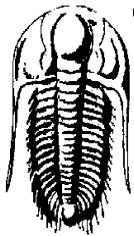
Drill Pipe:	Length: 3443.00 ft	Diameter: 3.80 inches	Volume: 48.30 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 214.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	49.35 bbl	Tool Chased ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3675.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	46.00 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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Shut In Tool	5.00			3651.00	
Hydraulic tool	5.00			3656.00	
Jars	5.00			3661.00	
EM Tool	3.00			3664.00	
Safety Joint	2.00			3666.00	
Packer	5.00			3671.00	29.00 Bottom Of Top Packer
Packer	4.00			3675.00	
Stubb	1.00			3676.00	
Handling Sub	5.00			3681.00	
Recorder	0.00	8372	Inside	3681.00	
Recorder	0.00	6755	Outside	3681.00	
Perforations	8.00			3689.00	
Bullnose	3.00			3692.00	17.00 Bottom Packers & Anchor

Total Tool Length: 46.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72712

DST#: 1

ATTN: Jeremy Schwartz

Test Start: 2025.09.08 @ 19:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.77 in³

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.02 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
0.00	55' GIP	0.000
5.00	SGCM 6%G 94%M	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

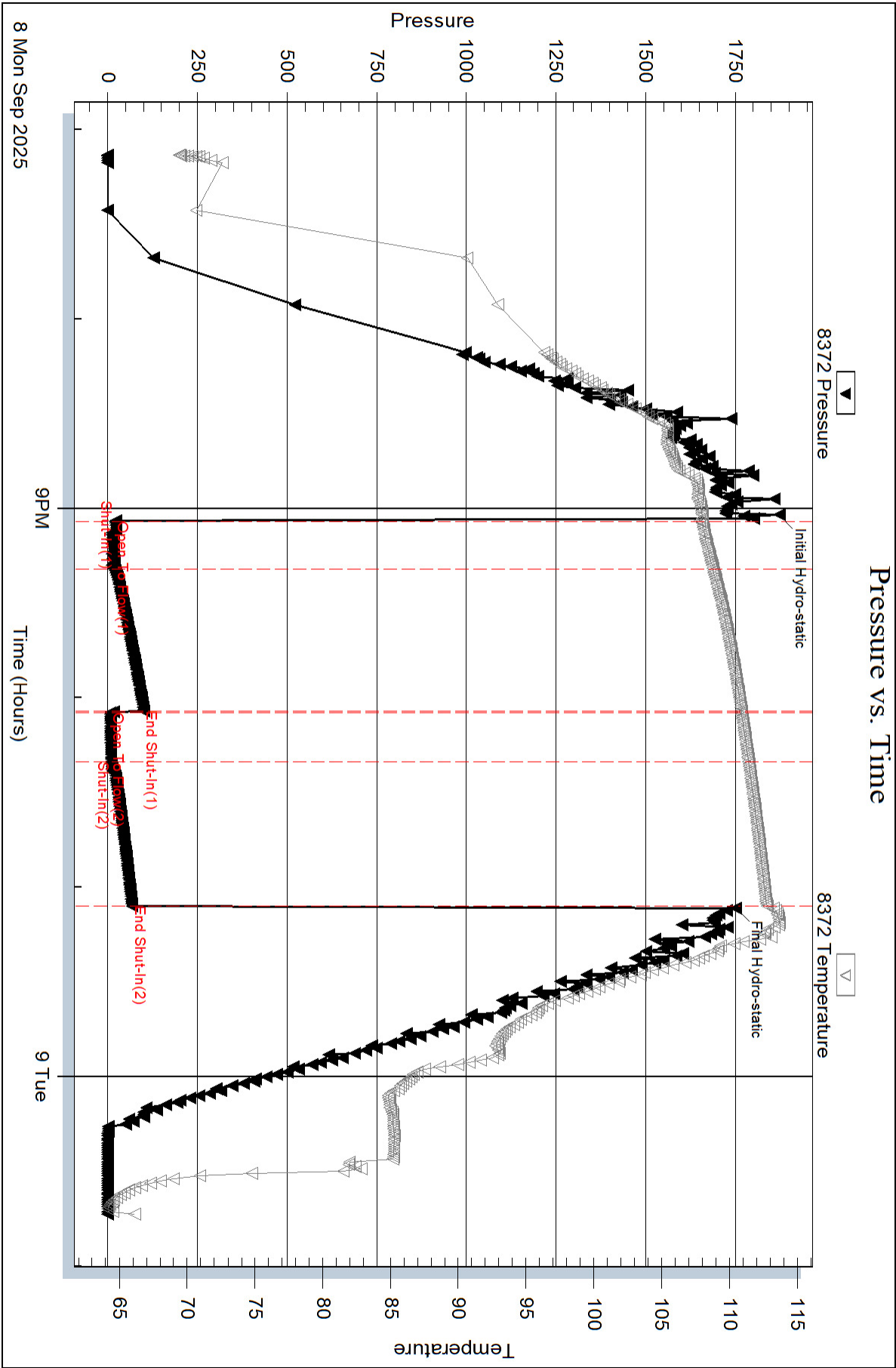
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



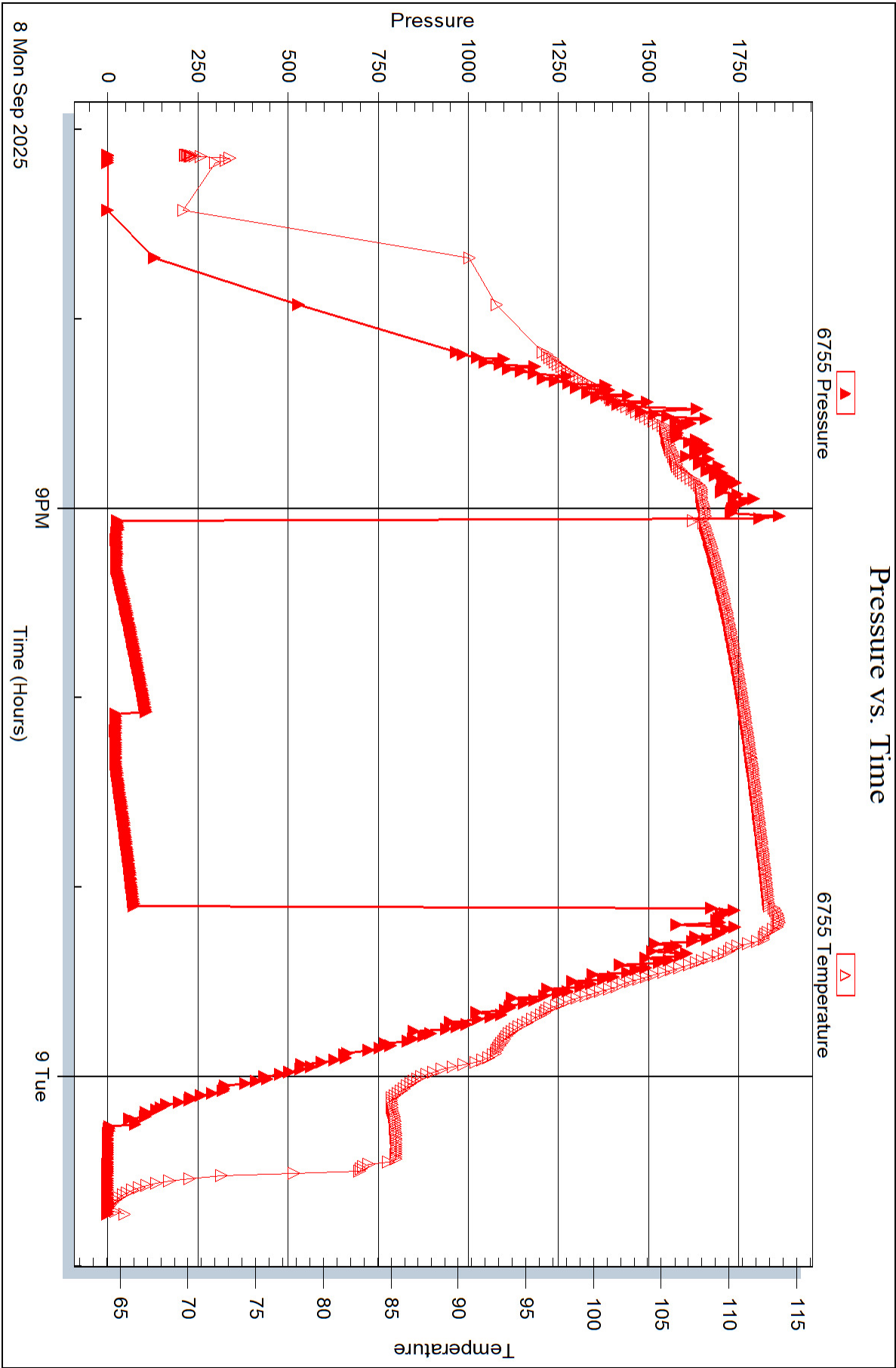
Serial #: 6755

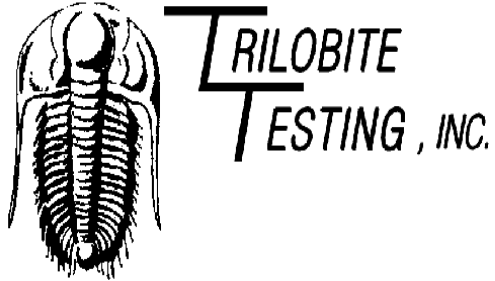
Outside

M&M Exploration

Jorns #20-3

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **M&M Exploration**

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

Jorns #20-3

20-26S-11W Pratt,KS

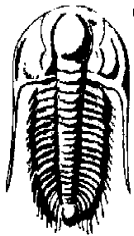
Start Date: 2025.09.09 @ 20:27:00

End Date: 2025.09.10 @ 01:53:02

Job Ticket #: 72713 DST #: 2

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

Printed: 2025.09.15 @ 09:42:03



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

M&M Exploration

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

20-26S-11W Pratt, KS

Jorns #20-3

Job Ticket: 72713

DST#: 2

Test Start: 2025.09.09 @ 20:27:00

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:14:02

Time Test Ended: 01:53:02

Interval: 3926.00 ft (KB) To 3956.00 ft (KB) (TVD)

Total Depth: 3956.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Reference Elevations: 1866.00 ft (KB)

1855.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8372 Inside

Press@RunDepth: 24.04 psig @ 3932.00 ft (KB)

Start Date: 2025.09.09

End Date:

2025.09.10

Start Time: 20:27:01

End Time:

01:53:02

Capacity: psig

Last Calib.: 2025.09.10

Time On Btm: 2025.09.09 @ 22:13:02

Time Off Btm: 2025.09.10 @ 00:16:32

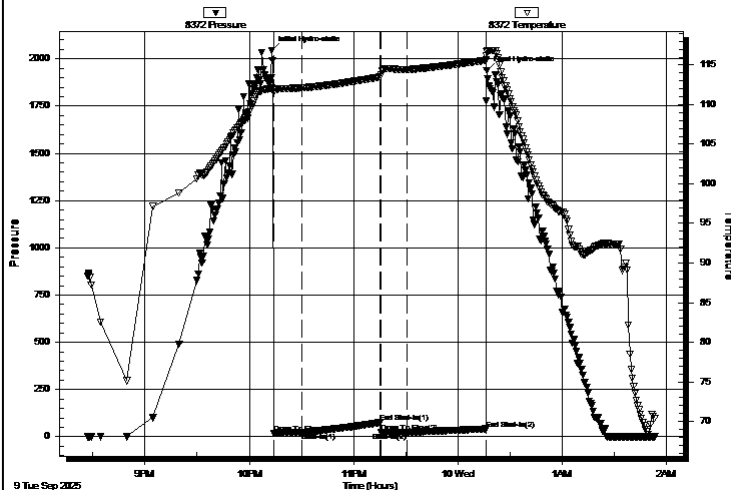
TEST COMMENT: IF: Weak Surface Blow (15)

IS: No Blow Back (45)

FF: No Blow (15)

FS: No Blow Back (45)

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.69	112.06	Initial Hydro-static
1	19.84	111.55	Open To Flow (1)
18	22.67	112.12	Shut-In(1)
62	75.17	113.50	End Shut-In(1)
63	23.88	113.72	Open To Flow (2)
78	24.04	114.43	Shut-In(2)
123	42.15	115.64	End Shut-In(2)
124	1939.22	116.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

Gas Rates

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



M&M Exploration

ATTN: Jeremy Schwartz

20-26S-11W Pratt,KS

Jorns #20-3

Job Ticket: 72713

DST#: 2

Test Start: 2025.09.09 @ 20:27:00

Formation: **Swope**

Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:14:02
Time Test Ended: 01:53:02

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 72

Interval: 3926.00 ft (KB) To 3956.00 ft (KB) (TVD)
Total Depth: 3956.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Good

Reference Elevations: 1866.00 ft (KB)
1855.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 6755 Outside

Press@RunDepth: psig @ 3932.00 ft (KB)

Start Date: 2025.09.09 End Date: 2025.09.10

Start Time: 20:27:01 End Time: 01:55:02

Capacity: psig

Last Calib.: 2025.09.10

Time On Btm:

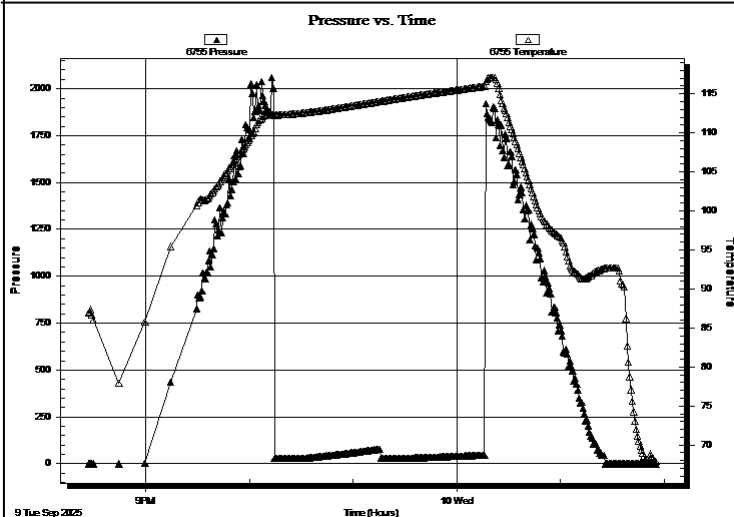
Time Off Btm:

TEST COMMENT: IF: Weak Surface Blow (15)

ISI: No Blow Back (45)

FF: No Blow (15)

FSI: No Blow Back (45)



PRESSURE SUMMARY

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

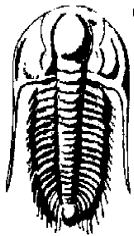
Recovery

Length (ft)	Description	Volume (bbl)
2.00	Mud	0.01

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72713

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2025.09.09 @ 20:27:00

Tool Information

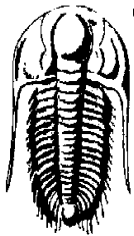
Drill Pipe:	Length:	3695.00 ft	Diameter:	3.80 inches	Volume:	51.83 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	214.00 ft	Diameter:	2.25 inches	Volume:	1.05 bbl	Weight to Pull Loose:	75000.00 lb
					Total Volume:	52.88 bbl	Tool Chased	ft
Drill Pipe Above KB:		12.00 ft					String Weight: Initial	65000.00 lb
Depth to Top Packer:		3926.00 ft					Final	65000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		30.00 ft						
Tool Length:		59.00 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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Shut In Tool	5.00		3902.00	
Hydraulic tool	5.00		3907.00	
Jars	5.00		3912.00	
EM Tool	3.00		3915.00	
Safety Joint	2.00		3917.00	
Packer	5.00		3922.00	29.00 Bottom Of Top Packer
Packer	4.00		3926.00	
Stubb	1.00		3927.00	
Handling Sub	5.00		3932.00	
Recorder	0.00	8372 Inside	3932.00	
Recorder	0.00	6755 Outside	3932.00	
Perforations	21.00		3953.00	
Bullnose	3.00		3956.00	30.00 Bottom Packers & Anchor

Total Tool Length: 59.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72713

DST#: 2

ATTN: Jeremy Schwartz

Test Start: 2025.09.09 @ 20:27:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 9.17 in³

Resistivity: ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.02 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
2.00	Mud	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

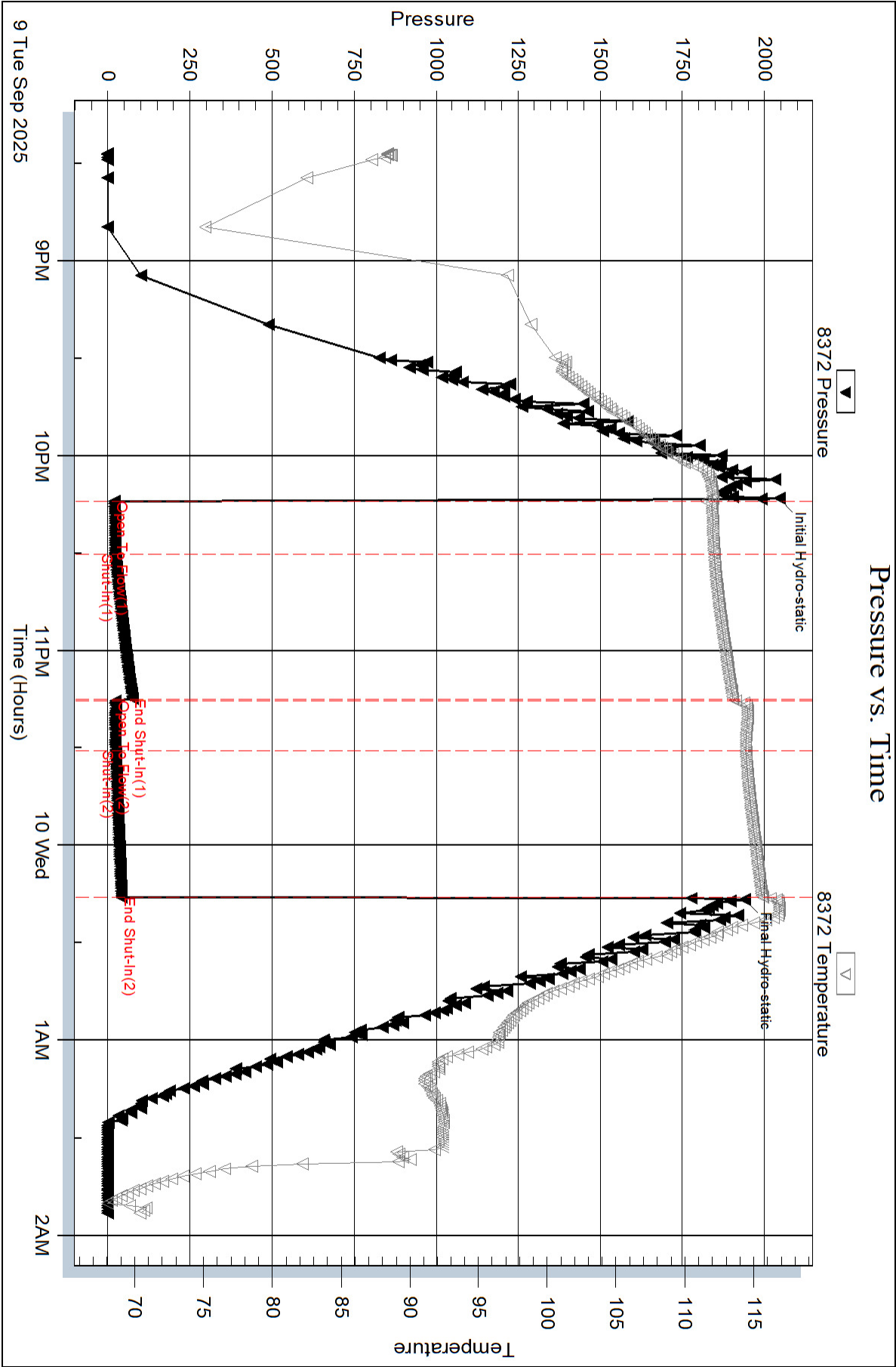
Serial #: 8372

Inside

M&M Exploration

Jorns #20-3

DST Test Number: 2



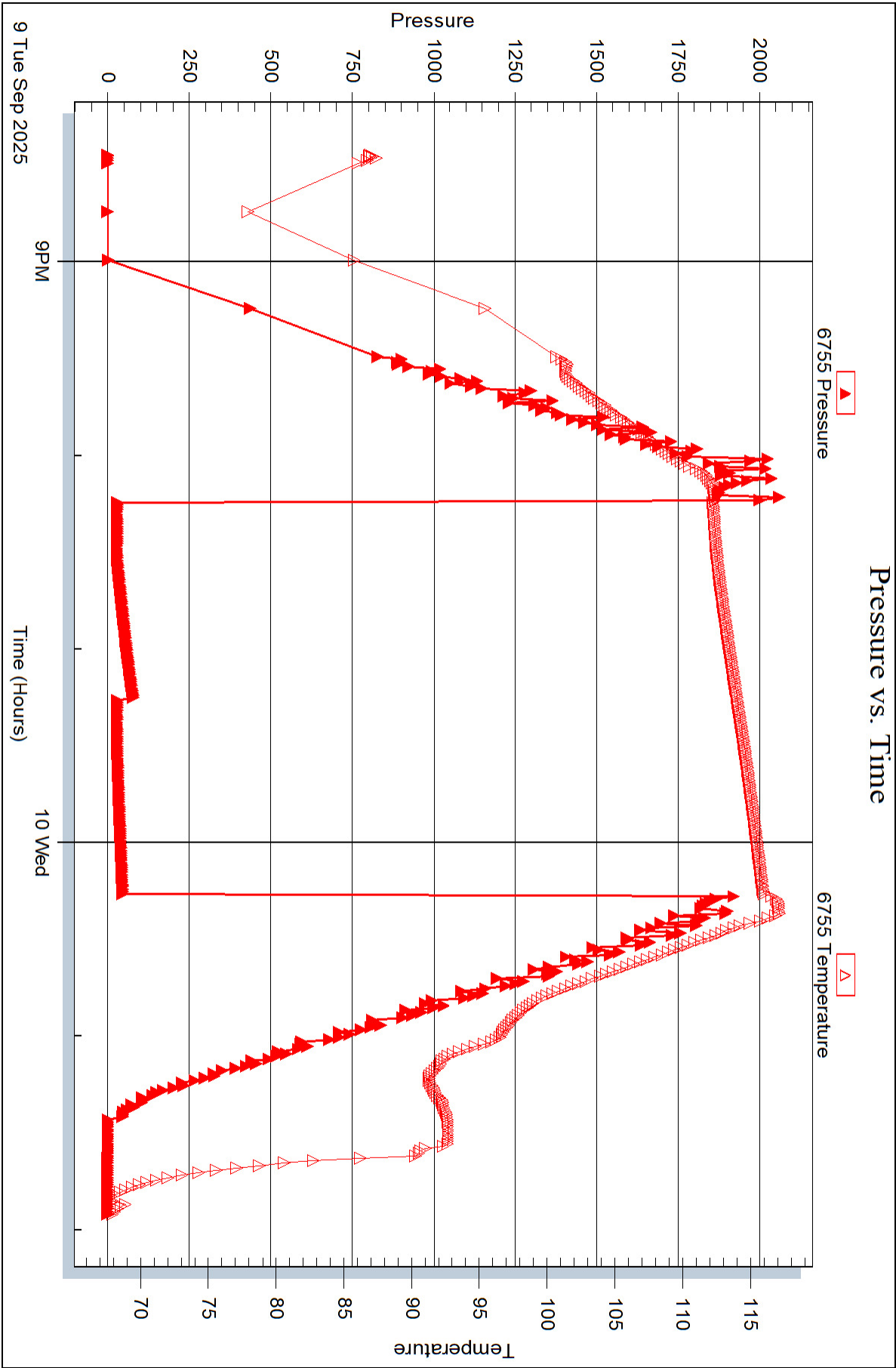
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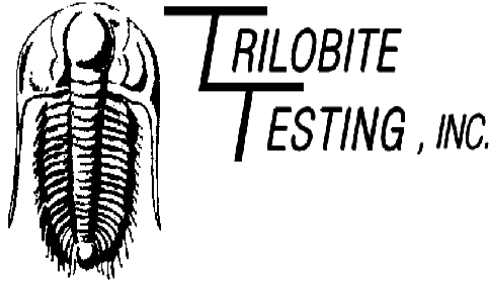
Outside

M&M Exploration

Jorns #20-3

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **M&M Exploration**

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

Jorns #20-3

20-26S-11W Pratt,KS

Start Date: 2025.09.10 @ 16:35:00

End Date: 2025.09.10 @ 23:31:02

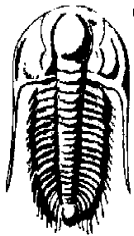
Job Ticket #: 72714 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2025.09.15 @ 09:41:35



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

M&M Exploration

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

20-26S-11W Pratt, KS

Jorns #20-3

Job Ticket: 72714

DST#: 3

Test Start: 2025.09.10 @ 16:35:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:17:02

Time Test Ended: 23:31:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4064.00 ft (KB) To 4140.00 ft (KB) (TVD)

Total Depth: 4140.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1866.00 ft (KB)

1855.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8372 Inside

Press@RunDepth: 76.91 psig @ 4137.00 ft (KB)

Start Date: 2025.09.10

End Date:

2025.09.10

Start Time: 16:35:01

End Time:

23:31:02

Capacity: psig

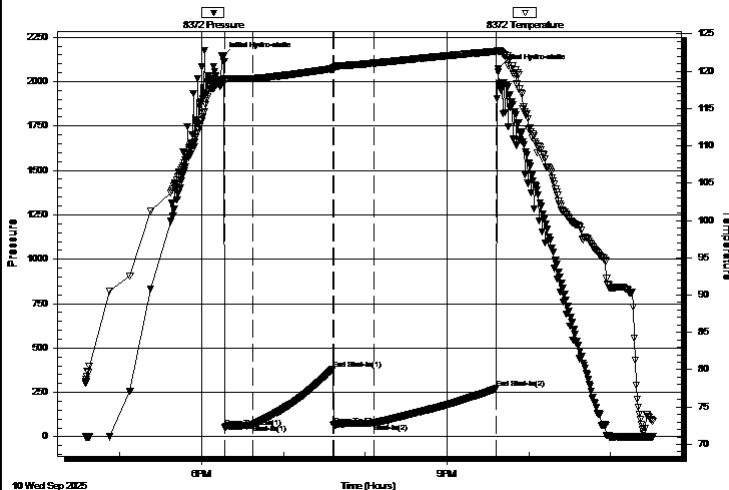
Last Calib.: 2025.09.10

Time On Btm: 2025.09.10 @ 18:15:47

Time Off Btm: 2025.09.10 @ 21:37:17

TEST COMMENT: IF: Weak 3.5" Blow, Died Off to 3.1" (20)
IS: No Blow Back (60)
FF: Weak 2.7" Blow, Died Off to 1.79" (30)
FS: No Blow Back (90)

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2140.78	118.75	Initial Hydro-static
2	55.46	118.88	Open To Flow (1)
22	69.37	119.02	Shut-In(1)
81	381.26	120.35	End Shut-In(1)
81	65.30	120.42	Open To Flow (2)
111	76.91	121.08	Shut-In(2)
201	272.00	122.68	End Shut-In(2)
202	2070.49	122.64	Final Hydro-static

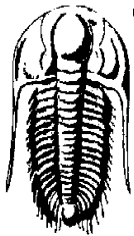
Recovery

Length (ft)	Description	Volume (bbl)
0.00	80' GIP	0.00
40.00	GCM 10%G 90%M	0.20

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

M&M Exploration

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

20-26S-11W Pratt, KS

Jorns #20-3

Job Ticket: 72714

DST#: 3

Test Start: 2025.09.10 @ 16:35:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:17:02

Time Test Ended: 23:31:02

Interval: 4064.00 ft (KB) To 4140.00 ft (KB) (TVD)

Total Depth: 4140.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Reference Elevations: 1866.00 ft (KB)

1855.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6755 Outside

Press@RunDepth: psig @ 4137.00 ft (KB)

Start Date: 2025.09.10

End Date:

2025.09.10

Start Time: 16:35:01

End Time:

23:31:02

Capacity: psig

Last Calib.:

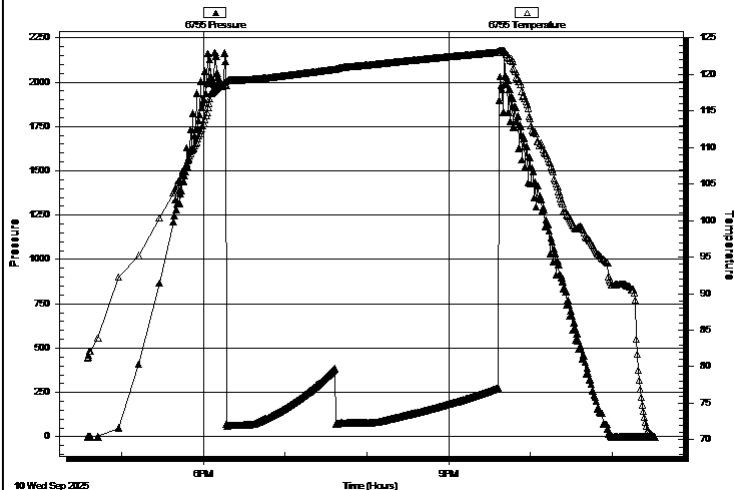
2025.09.10

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak 3.5" Blow , Died Off to 3.1" (20)
IS: No Blow Back (60)
FF: Weak 2.7" Blow , Died Off to 1.79" (30)
FS: No Blow Back (90)

Pressure vs. Time



PRESSURE SUMMARY

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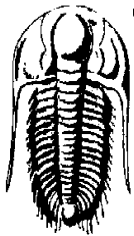
Recovery

Length (ft)	Description	Volume (bbl)
0.00	80' GIP	0.00
40.00	GCM 10%G 90%M	0.20

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

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72714

DST#: 3

ATTN: Jeremy Schwartz

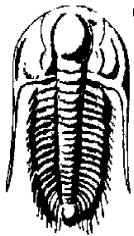
Test Start: 2025.09.10 @ 16:35:00

Tool Information

Drill Pipe:	Length: 3825.00 ft	Diameter: 3.80 inches	Volume: 53.65 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 214.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	54.70 bbl	Tool Chased	ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4064.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	76.00 ft				
Tool Length:	105.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

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

Shut In Tool	5.00			4040.00	
Hydraulic tool	5.00			4045.00	
Jars	5.00			4050.00	
EM Tool	3.00			4053.00	
Safety Joint	2.00			4055.00	
Packer	5.00			4060.00	29.00 Bottom Of Top Packer
Packer	4.00			4064.00	
Stubb	1.00			4065.00	
Perforations	1.00			4066.00	
Change Over Sub	1.00			4067.00	
Drill Pipe	64.00			4131.00	
Change Over Sub	1.00			4132.00	
Handling Sub	5.00			4137.00	
Recorder	0.00	8372	Inside	4137.00	
Recorder	0.00	6755	Outside	4137.00	
Bullnose	3.00			4140.00	76.00 Bottom Packers & Anchor
Total Tool Length:	105.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72714

DST#: 3

ATTN: Jeremy Schwartz

Test Start: 2025.09.10 @ 16:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 10.38 in³

Resistivity: ohm.m

Salinity: 7000.00 ppm

Filter Cake: 0.02 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
0.00	80' GIP	0.000
40.00	GCM 10%G 90%M	0.197

Total Length: 40.00 ft

Total Volume: 0.197 bbl

Num Fluid Samples: 0

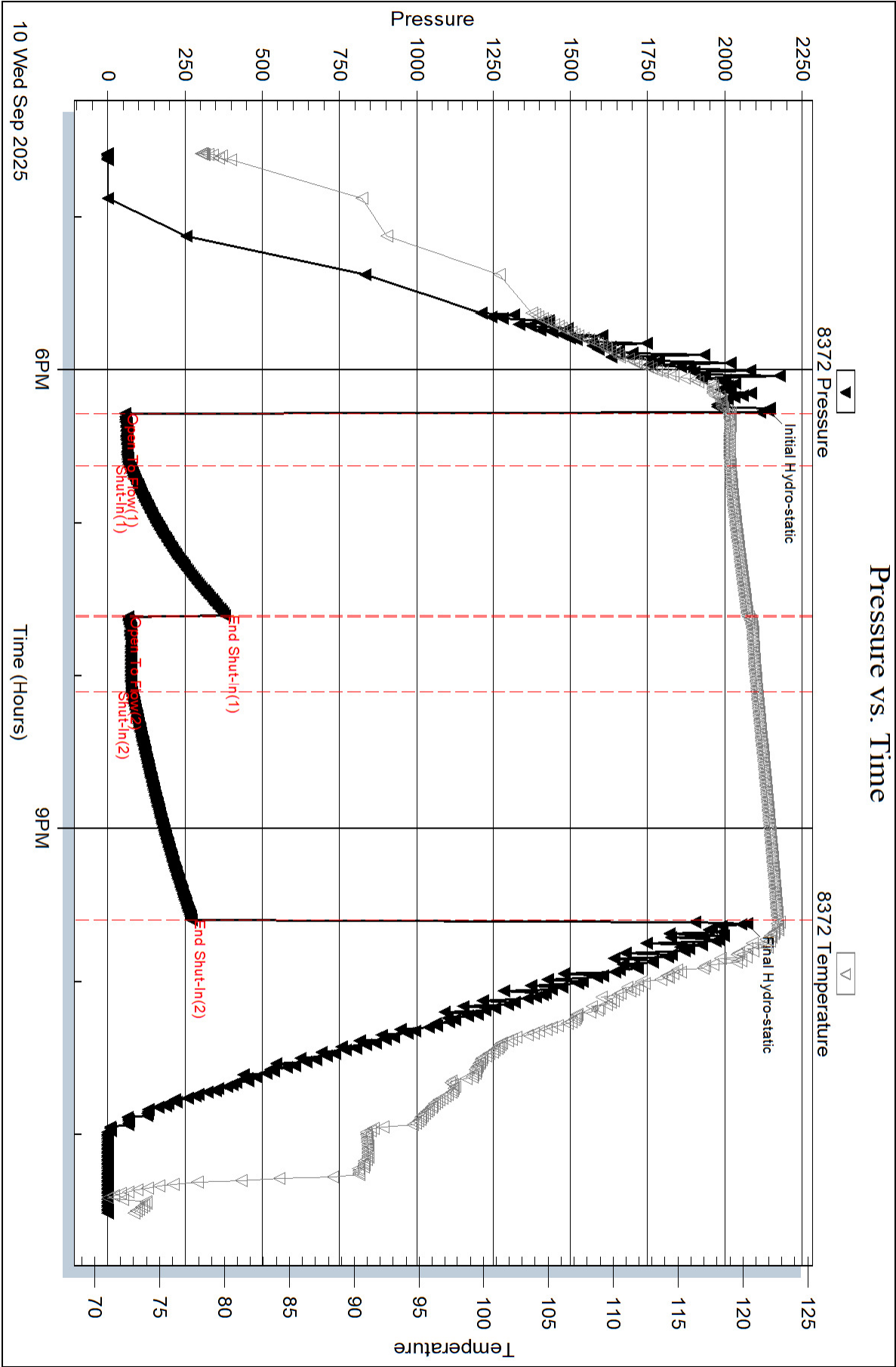
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



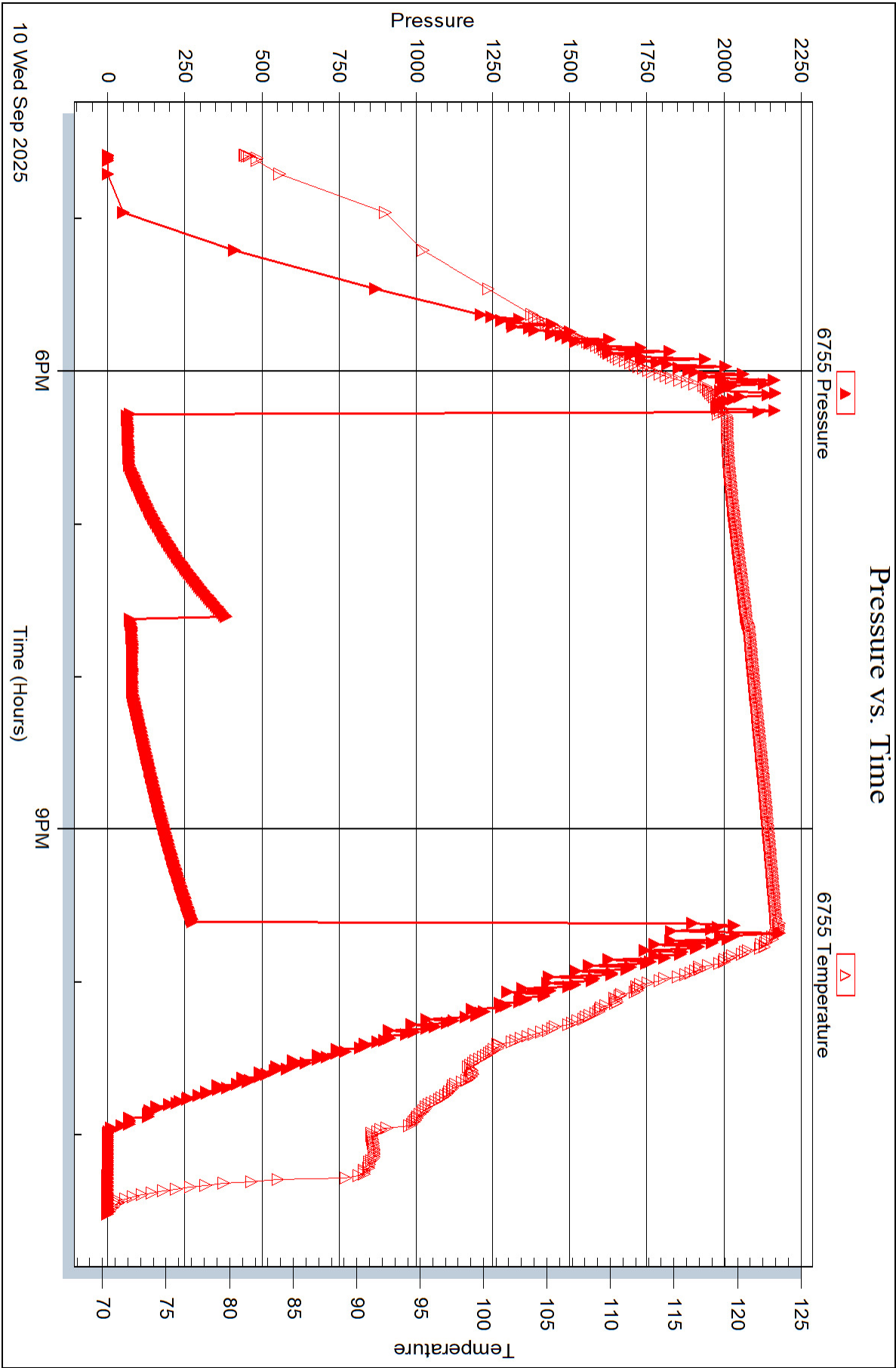
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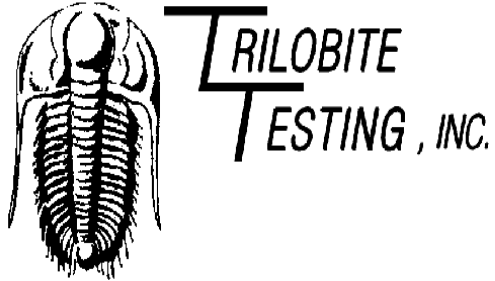
Outside

M&M Exploration

Jorns #20-3

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **M&M Exploration**

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

Jorns #20-3

20-26S-11W Pratt,KS

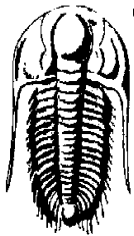
Start Date: 2025.09.11 @ 10:32:00

End Date: 2025.09.11 @ 16:36:02

Job Ticket #: 72715 DST #: 4

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

Printed: 2025.09.15 @ 09:47:44



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

M&M Exploration

4257 Main St # 230
Westminster, CO 80031

ATTN: Jeremy Schwartz

20-26S-11W Pratt, KS

Jorns #20-3

Job Ticket: 72715

DST#: 4

Test Start: 2025.09.11 @ 10:32:00

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:05:47

Time Test Ended: 16:36:02

Interval: 4251.00 ft (KB) To 4276.00 ft (KB) (TVD)

Total Depth: 4276.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Reference Elevations: 1866.00 ft (KB)

1855.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8372 Inside

Press@RunDepth: 57.49 psig @ 4257.00 ft (KB)

Start Date: 2025.09.11

End Date:

2025.09.11

Start Time: 10:32:01

End Time:

16:36:02

Capacity: psig

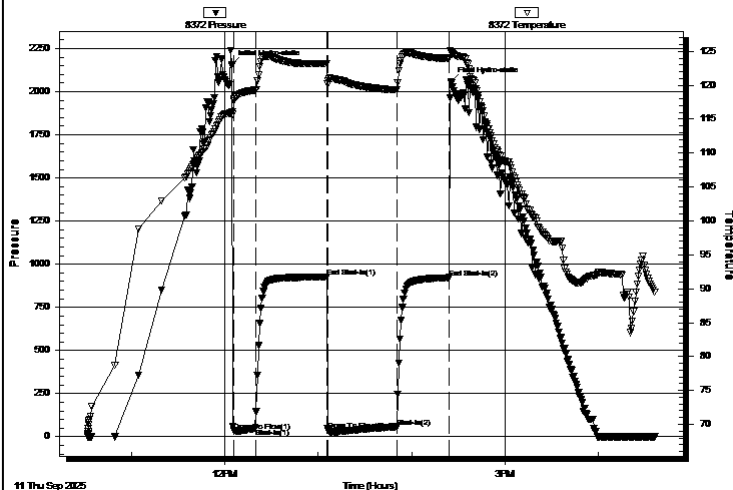
Last Calib.: 2025.09.11

Time On Btm: 2025.09.11 @ 12:04:47

Time Off Btm: 2025.09.11 @ 14:25:17

TEST COMMENT: IF: Strong Blow, BOB in 1 minute, Built to 414.91" (15)
IS: GTS During Bleed Off, No Blow Back (45)
FF: Strong Blow, BOB & GTS Immediate, Guaged & Sampled (45)
FS: No Blow Back (30)

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2156.68	116.10	Initial Hydro-static
1	34.11	117.65	Open To Flow (1)
15	49.66	119.31	Shut-In(1)
61	926.34	123.19	End Shut-In(1)
62	36.36	120.64	Open To Flow (2)
106	57.49	119.33	Shut-In(2)
140	922.43	124.02	End Shut-In(2)
141	2058.34	124.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	4188' GIP	0.00
40.00	GCM 10%G 90%M	0.20

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.81	40.09
Last Gas Rate	0.25	30.04	65.47
Max. Gas Rate	0.25	30.04	65.47

* Recovery from multiple tests



M&M Exploration

20-26S-11W Pratt,KS

Jorns #20-3

Job Ticket: 72715

DST#: 4

ATTN: Jeremy Schwartz

Test Start: 2025.09.11 @ 10:32:00

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:05:47

Time Test Ended: 16:36:02

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 72

Interval: 4251.00 ft (KB) To 4276.00 ft (KB) (TVD)

Total Depth: 4276.00 ft (KB) (TVD)

Hole Diameter: 7.88 inchesHole Condition: Good

Reference Elevations: 1866.00 ft (KB)

1855.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6755 Outside

Press@RunDepth: psig @ 4257.00 ft (KB)

Start Date: 2025.09.11

End Date:

2025.09.11

Start Time: 10:32:01

End Time:

16:36:02

Capacity: psig

psig

Last Calib.:

2025.09.11

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong Blow , BOB in 1 minute, Built to 414.91" (15)

ISI: GTS During Bleed Off, No Blow Back (45)

FF: Strong Blow, BOB & GTS Immediate, Guaged & Sampled (45)

FSI: No Blow Back (30)



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

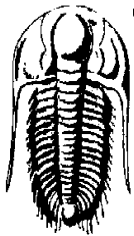
Recovery

Length (ft)	Description	Volume (bbl)
0.00	4188' GIP	0.00
40.00	GCM 10%G 90%M	0.20

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	12.81	40.09
Last Gas Rate	0.25	30.04	65.47
Max. Gas Rate	0.25	30.04	65.47



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72715

DST#: 4

ATTN: Jeremy Schwartz

Test Start: 2025.09.11 @ 10:32:00

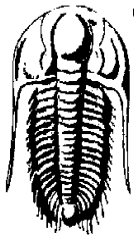
Tool Information

Drill Pipe:	Length: 4014.00 ft	Diameter: 3.80 inches	Volume: 56.31 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 214.00 ft	Diameter: 2.25 inches	Volume: 1.05 bbl	Weight to Pull Loose: lb
		Total Volume:	57.36 bbl	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 68000.00 lb
Depth to Top Packer:	4251.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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

Shut In Tool	5.00			4227.00	
Hydraulic tool	5.00			4232.00	
Jars	5.00			4237.00	
EM Tool	3.00			4240.00	
Safety Joint	2.00			4242.00	
Packer	5.00			4247.00	29.00 Bottom Of Top Packer
Packer	4.00			4251.00	
Stubb	1.00			4252.00	
Handling Sub	5.00			4257.00	
Recorder	0.00	8372	Inside	4257.00	
Recorder	0.00	6755	Outside	4257.00	
Perforations	16.00			4273.00	
Bullnose	3.00			4276.00	25.00 Bottom Packers & Anchor

Total Tool Length: 54.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72715

DST#: 4

ATTN: Jeremy Schwartz

Test Start: 2025.09.11 @ 10:32:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 68.00 sec/qt

Water Loss: 10.38 in³

Resistivity: ohm.m

Salinity: 7000.00 ppm

Filter Cake: 0.02 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
0.00	4188' GIP	0.000
40.00	GCM 10%G 90%M	0.197

Total Length: 40.00 ft

Total Volume: 0.197 bbl

Num Fluid Samples: 0

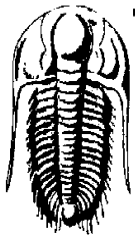
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

M&M Exploration

20-26S-11W Pratt, KS

4257 Main St # 230
Westminster, CO 80031

Jorns #20-3

Job Ticket: 72715

DST#: 4

ATTN: Jeremy Schwartz

Test Start: 2025.09.11 @ 10:32:00

Gas Rates Information

Temperature: 59 (deg F)

Relative Density: 0.67

Z Factor: 0.9

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.25	12.81	40.09
2	20	0.25	19.18	49.47
2	30	0.25	25.20	58.34
2	40	0.25	29.40	64.53
2	45	0.25	30.04	65.47

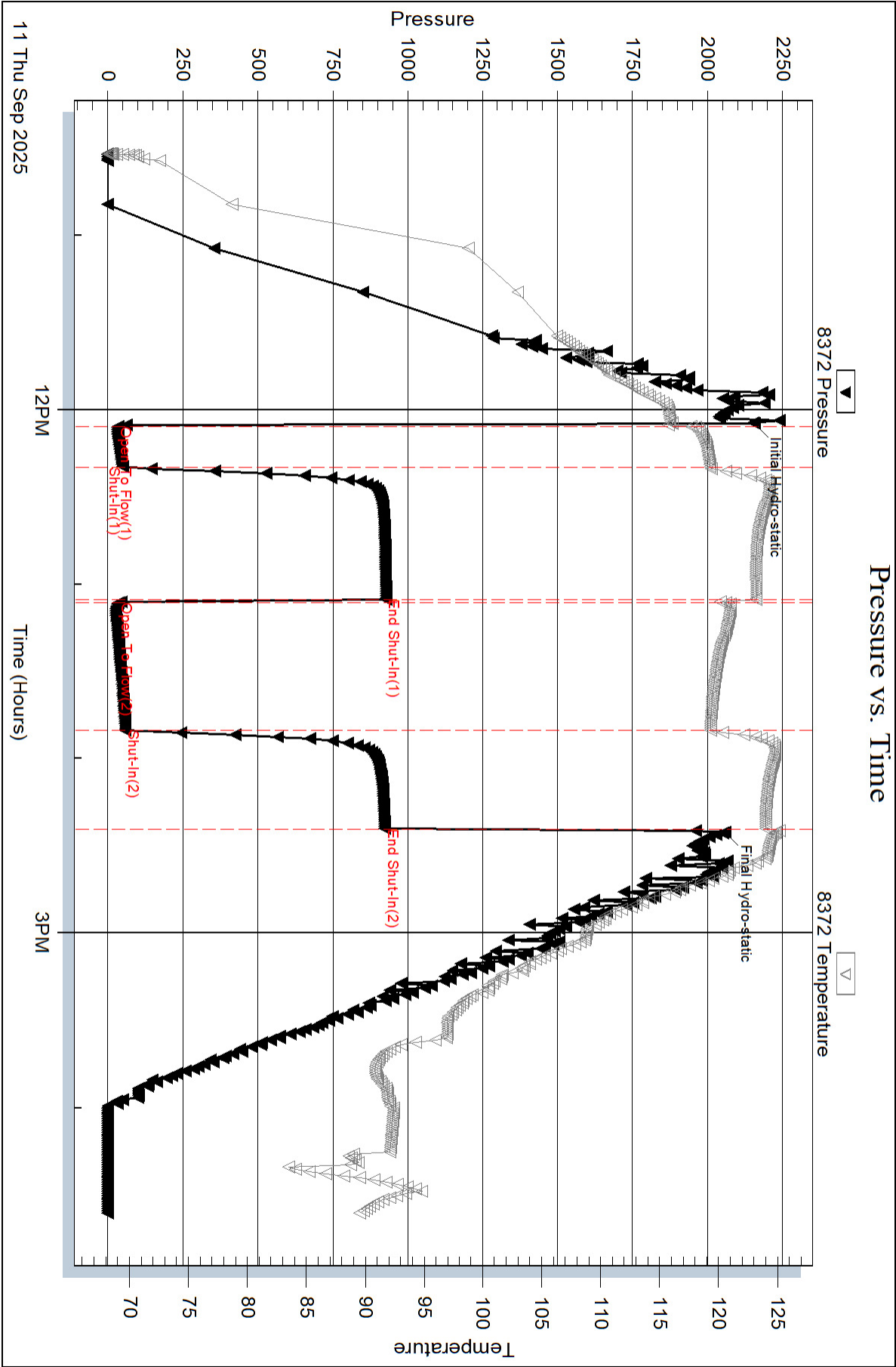
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Inside

M&M Exploration

Jorns #20-3

DST Test Number: 4



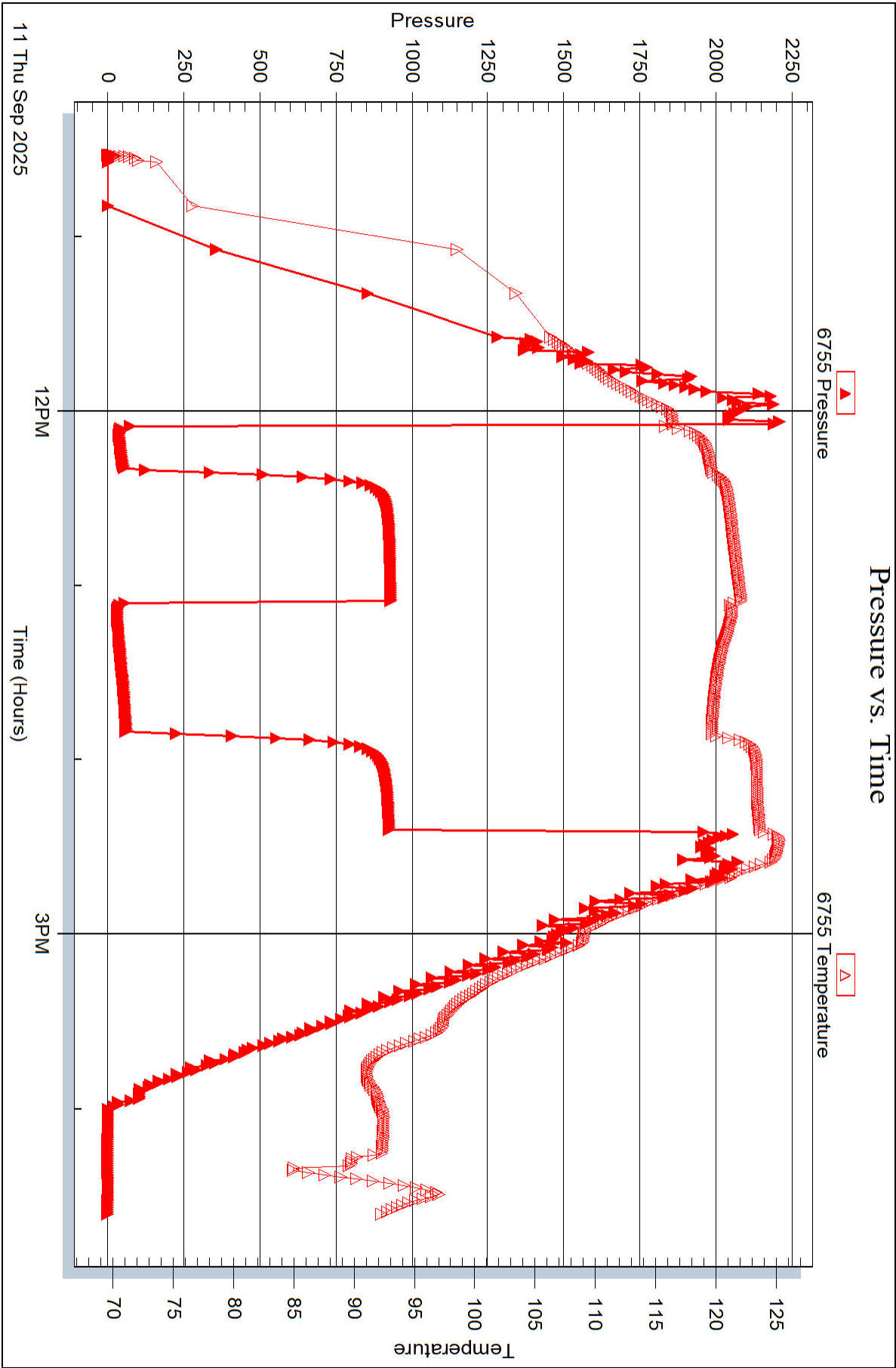
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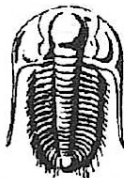
Outside

M&M Exploration

Jorns #20-3

DST Test Number: 4





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 72712

Well Name & No. Jorns 20-3 Test No. 1 Date 08/08/25
 Company M&M Exploration Elevation 1866 KB 1855 GL
 Address 4257 Main St #230 Westminster, CO 80031
 Co. Rep / Geo Jeremy Schwartz Rig Sterling 4
 Location: Sec. 20 Twp 26S Rge. 11W Co. Pratt State KS

Interval Tested 3675 - 3692 Zone Tested Lansing "B"
 Anchor Length 17 Drill Pipe Run 3443 Mud Wt. 9.1
 Top Packer Depth 3670 Drill Collars Run 214 Vis 55
 Bottom Packer Depth 3675 Wt. Pipe Run 0 WL 8.8
 Total Depth 3692 Chlorides 6000 ppm System LCM 3

Blow Description IF: weak 1.35" Blow

ISI: No Blow Back

FF: weak 2.1" Blow

FSI: No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>GIP</u>				
<u>5</u>	<u>SGCM</u>	<u>6</u>			<u>94</u>
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 NIC API RW NIC @ NIC °F Chlorides NIC ppm

Initial Hydrostatic 1872 ☒ Test 1800 ☐ Ruined Shale Packer

Initial Flow 20 to 18 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 99 ☐ Circ Sub ☐ Hotel

Final Flow 6 to 9 ☐ Hourly Standby ☐ EM Tool Successful

Final Shut-In 67 ☒ Mileage (300) 52.50 ☐ Accessibility

Final Hydrostatic 1751 ☐ Sampler ☐ Gas Sample

T- On Location 18:00 ☐ Straddle ☐ Oversized Hole

Initial Flow 15 T-Started 19:08 ☐ Shale Packer ☐ Sub Total 0

Initial Shut-In 45 T-Open 21:04 ☐ Extra Packer ☐ Total 2302.50

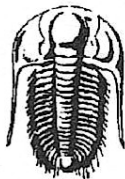
Final Flow 15 T-Pulled 23:06 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In 45 T-Out 00:44 ☐ Day Standby ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

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. **72713**

Well Name & No. Jorns 20-3 Test No. 2 Date 09/09/25
 Company M&M Exploration Elevation 1866 KB 1855 GL
 Address 4257 Main St #230 Westminster, CO 80031
 Co. Rep / Geo Jeremy Schwartz Rig Sterling H
 Location: Sec. 20 Twp 26S Rge. 11W Co. Pratt State KS

Interval Tested 3926 - 3956 Zone Tested SWOPP
 Anchor Length 30 Drill Pipe Run 3695 Mud Wt. 9.1
 Top Packer Depth 3921 Drill Collars Run 214 Vis 55
 Bottom Packer Depth 3926 Wt. Pipe Run 0 WL 9.2
 Total Depth 3956 Chlorides 6000 ppm System LCM 3

Blow Description FF: Weak Surface Blow

DSI: NO BLOW BACK

FF: NO BLOW

FSI: NO BLOW BACK

Rec <u>2</u>	Feet of <u>mud</u>	%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	Feet of	%gas	%oil	%water	%mud

Rec Total 2 BHT 116 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

Initial Hydrostatic 2044 ☒ Test 1800 ☐ Ruined Shale Packer

Initial Flow 19 to 22 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 75 ☐ Circ Sub ☐ Hotel

Final Flow 23 to 24 ☐ Hourly Standby ☐ EM Tool Successful

Final Shut-In 42 ☒ Mileage (300) 52.50 ☐ Accessibility

Final Hydrostatic 1939 ☐ Sampler ☐ Gas Sample

T-On Location 19:30 ☐ Straddle ☐ Oversized Hole

Initial Flow 15 T-Started 20:27 ☐ Shale Packer ☐ Sub Total 0

Initial Shut-In 45 T-Open 22:14 ☐ Extra Packer ☐ Total 2302.50

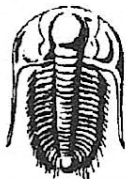
Final Flow 15 T-Pulled 00:16 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In 45 T-Out 01:53 ☐ Day Standby ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

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. 72714

Well Name & No. Jorns 20-3 Test No. 3 Date 09/10/25
 Company M&M Exploration Elevation 1866 KB 1855 GL
 Address 4257 Main St #230 Westminster, CO 80031
 Co. Rep / Geo Jeremy Schwartz Rig Sterling 4
 Location: Sec. 20 Twp 26S Rge. 11W Co. Pratt State KS

Interval Tested 4064 - 4140 Zone Tested Mississippi
 Anchor Length 76 Drill Pipe Run 3825 Mud Wt. 9.2
 Top Packer Depth 4059 Drill Collars Run 214 Vis 62
 Bottom Packer Depth 4064 Wt. Pipe Run 0 WL 10.4
 Total Depth 4140 Chlorides 7000 ppm System LCM 3

Blow Description IF: weak 3.5" Blow, Died off to 3.1"

ISI: NO Blow Back

FE: weak 2.7" Blow, Died off to 1.79"

FST: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>80</u>	<u>Feet of 80 GIP</u>				
<u>40</u>	<u>Feet of GCM</u>	<u>10%</u>			<u>90%</u>
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 40 ~~80~~ BHT 123 Gravity NIC API RW NIC @ NIC Chlorides NIC ppm

Initial Hydrostatic 2140 ☒ Test 1950 ☐ Ruined Shale Packer

Initial Flow 55 to 69 ☒ Jars 300 ☐ Ruined Packer

Initial Shut-In 381 ☐ Circ Sub ☐ Hotel

Final Flow 65 to 76 ☐ Hourly Standby ☐ EM Tool Successful

Final Shut-In 272 ☒ Mileage (30) 52.50 ☐ Accessibility

Final Hydrostatic 2070 ☐ Sampler ☐ Gas Sample

T- On Location 14:30 ☐ Straddle ☐ Oversized Hole

Initial Flow 20 T-Started 16:35 ☐ Shale Packer ☐ Sub Total 0

Initial Shut-In 60 T-Open 18:17 ☐ Extra Packer ☐ Total 2302.50

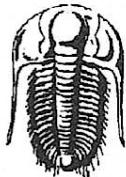
Final Flow 30 T-Pulled 21:36 ☐ Extra Recorder ☐ Tool Loaded @

Final Shut-In 90 T-Out 23:31 ☐ Day Standby ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

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. **72715**

Well Name & No. Jorns 20-3 Test No. 4 Date 09/11/25
Company M&M Exploration Elevation 1866 KB 1855 GL
Address 4257 Main St #230 Westminster, CO 80031
Co. Rep / Geo Jeremy Schwartz Rig Sterling 4
Location: Sec. 20 Twp 26S Rge. 11W Co. Pratt State KS

Interval Tested 4251 - 4276 Zone Tested Viola
Anchor Length 25 Drill Pipe Run 410/4 Mud Wt. 9.25
Top Packer Depth 4246 Drill Collars Run 2/4 Vis 68
Bottom Packer Depth 4251 Wt. Pipe Run 0 WL 10.4
Total Depth 4276 Chlorides 7000 ppm System LCM 3

Blow Description IF: Strong Blow, BOB in 1 minute, Built 76 414.91"
ISI: NO BLOW BACK, GTS During Bleed off
FF: Strong Blow, BOB ~~4251~~ & GTS Immediate, Gauged & Sampled
FBI: NO BLOW BACK

Rec <u>4188</u>	Feet of <u>GAP</u>	%gas	%oil	%water	%mud
Rec <u>420</u>	Feet of <u>GCM</u>	<u>10</u> %gas	%oil	%water	<u>90</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 Total 40 BHT 125 Gravity NIC API RW NK @ NIC °F Chlorides NIC ppm

Initial Hydrostatic 2156 ☒ Test 1950 ☐ Ruined Shale Packer
Initial Flow 34 to 49 ☒ Jars 300 ☐ Ruined Packer
Initial Shut-In 926 ☐ Circ Sub ☐ Hotel
Final Flow 36 to 57 ☐ Hourly Standby ☐ EM Tool Successful
Final Shut-In 922 ☒ Mileage (30) 52.50 + 52.50 ☐ Accessibility
Final Hydrostatic 2058 ☐ Sampler ☐ Gas Sample

T- On Location 09:45 ☐ Straddle ☐ Oversized Hole
Initial Flow 15 T-Started 10:32 ☐ Shale Packer ☐ Sub Total 0
Initial Shut-In 45 T-Open 12:05 ☐ Extra Packer ☐ Total 2355
Final Flow 45 T-Pulled 14:24 ☐ Extra Recorder ☐ Tool Loaded 9/12 @ 12:15
Final Shut-In 30 T-Out 16:36 ☐ Day Standby ☐ MP/DST Disc't

Comments

Approved By _____ Our Representative [Signature]

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.



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4

Jorns 20-3

Well Name and No.

DST No.

Well Name
GT5 During IST

Remarks: