



## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E Central  
Wichita KS 67206

ATTN: Zach Wiele

**21-29s-28w Gray,KS**

**Thomas & Reed Farms A #1-21**

Start Date: 2017.03.15 @ 18:35:15

End Date: 2017.03.16 @ 03:24:45

Job Ticket #: 61347                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.21 @ 16:34:55



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

9342 E Central  
Wichita KS 67206

ATTN: Zach Wiele

**Thomas & Reed Farms A #1-21**

**21-29s-28w Gray,KS**

Job Ticket: 61347

**DST#: 1**

Test Start: 2017.03.15 @ 18:35:15

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:29:00

Time Test Ended: 03:24:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

**Interval: 6211.00 ft (KB) To 6225.00 ft (KB) (TVD)**

Reference Elevations: 2739.00 ft (KB)

Total Depth: 6225.00 ft (KB) (TVD)

2728.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 35.46 psig @ 6212.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.15

End Date:

2017.03.16

Last Calib.:

2017.03.16

Start Time:

18:35:15

End Time:

03:24:45

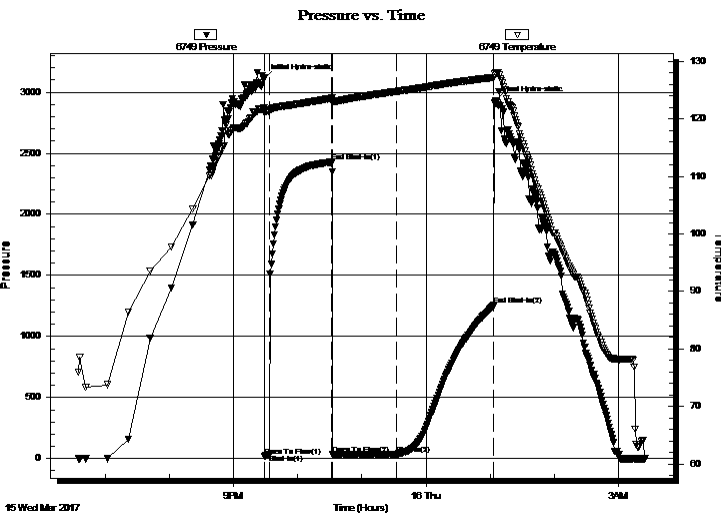
Time On Btm:

2017.03.15 @ 21:28:45

Time Off Btm:

2017.03.16 @ 01:04:30

**TEST COMMENT:** IF: Built to weak surface blow  
IS: No return blow  
FF: No blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3114.43	121.95	Initial Hydro-static
1	19.02	121.10	Open To Flow (1)
5	32.21	121.24	Shut-In(1)
64	2427.69	123.61	End Shut-In(1)
64	34.58	122.86	Open To Flow (2)
124	35.46	124.77	Shut-In(2)
215	1254.08	127.22	End Shut-In(2)
216	2933.40	127.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100% m	453.23

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61347

**DST#: 1**

ATTN: Zach Wiele

Test Start: 2017.03.15 @ 18:35:15

## Tool Information

Drill Pipe:	Length: 5988.00 ft	Diameter: 3.80 inches	Volume: 84.00 bbl	Tool Weight: 1500.00 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: 216.00 ft	Diameter: 216.00 inches	Volume: 9789.72 bbl	Weight to Pull Loose: 110000.0 lb
			Total Volume: 9873.72 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	6211.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 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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Change Over Sub	1.00			6184.00	
Shut In Tool	5.00			6189.00	
Hydraulic tool	5.00			6194.00	
Jars	5.00			6199.00	
Safety Joint	3.00			6202.00	
Packer	5.00			6207.00	28.00 Bottom Of Top Packer
Packer	4.00			6211.00	
Stubb	1.00			6212.00	
Recorder	0.00	8672	Inside	6212.00	
Recorder	0.00	6749	Outside	6212.00	
Perforations	8.00			6220.00	
Bullnose	5.00			6225.00	14.00 Bottom Packers & Anchor

**Total Tool Length: 42.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61347

**DST#: 1**

ATTN: Zach Wiele

Test Start: 2017.03.15 @ 18:35:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.35 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2450.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	453.228

Total Length: 10.00 ft      Total Volume: 453.228 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

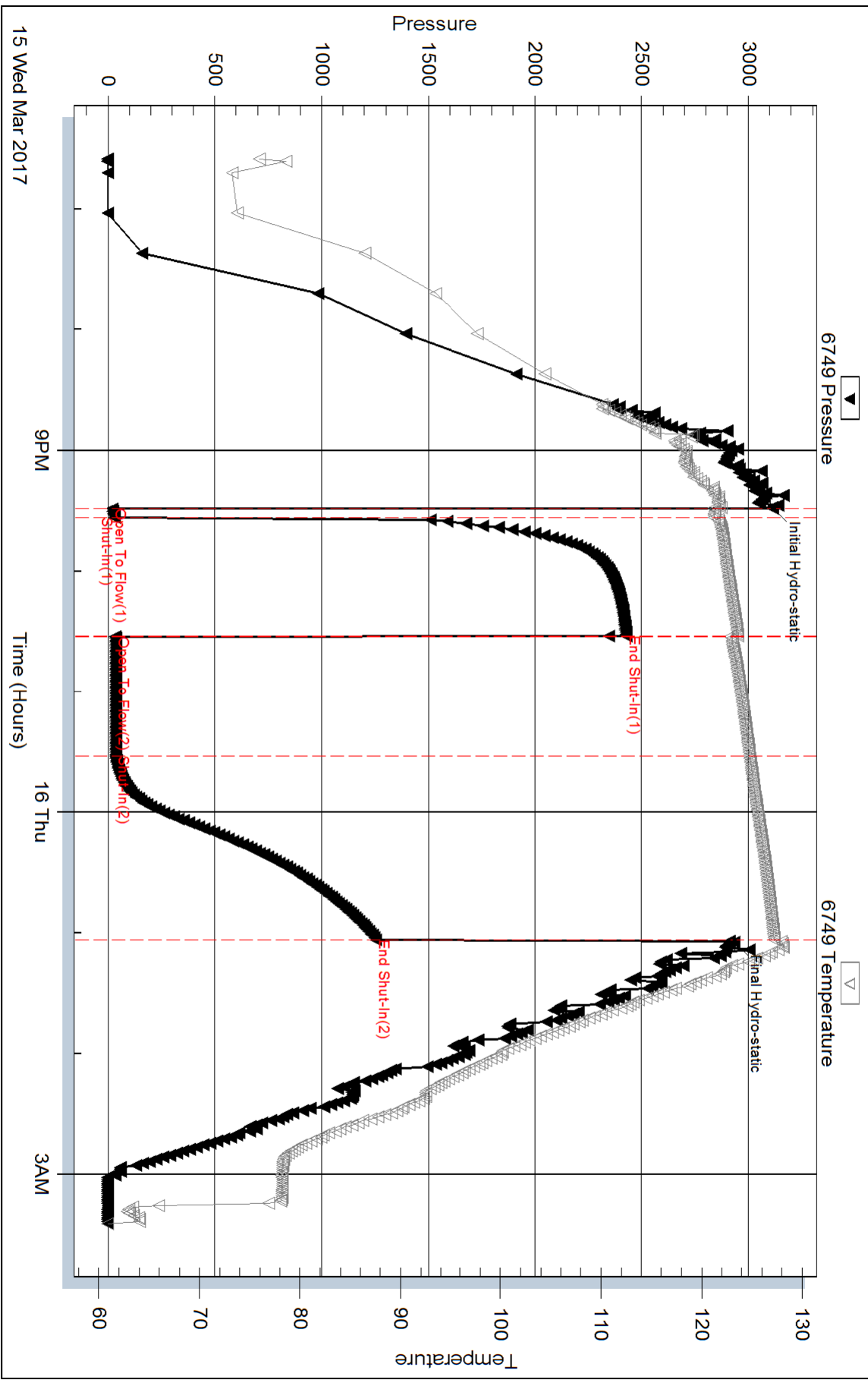
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



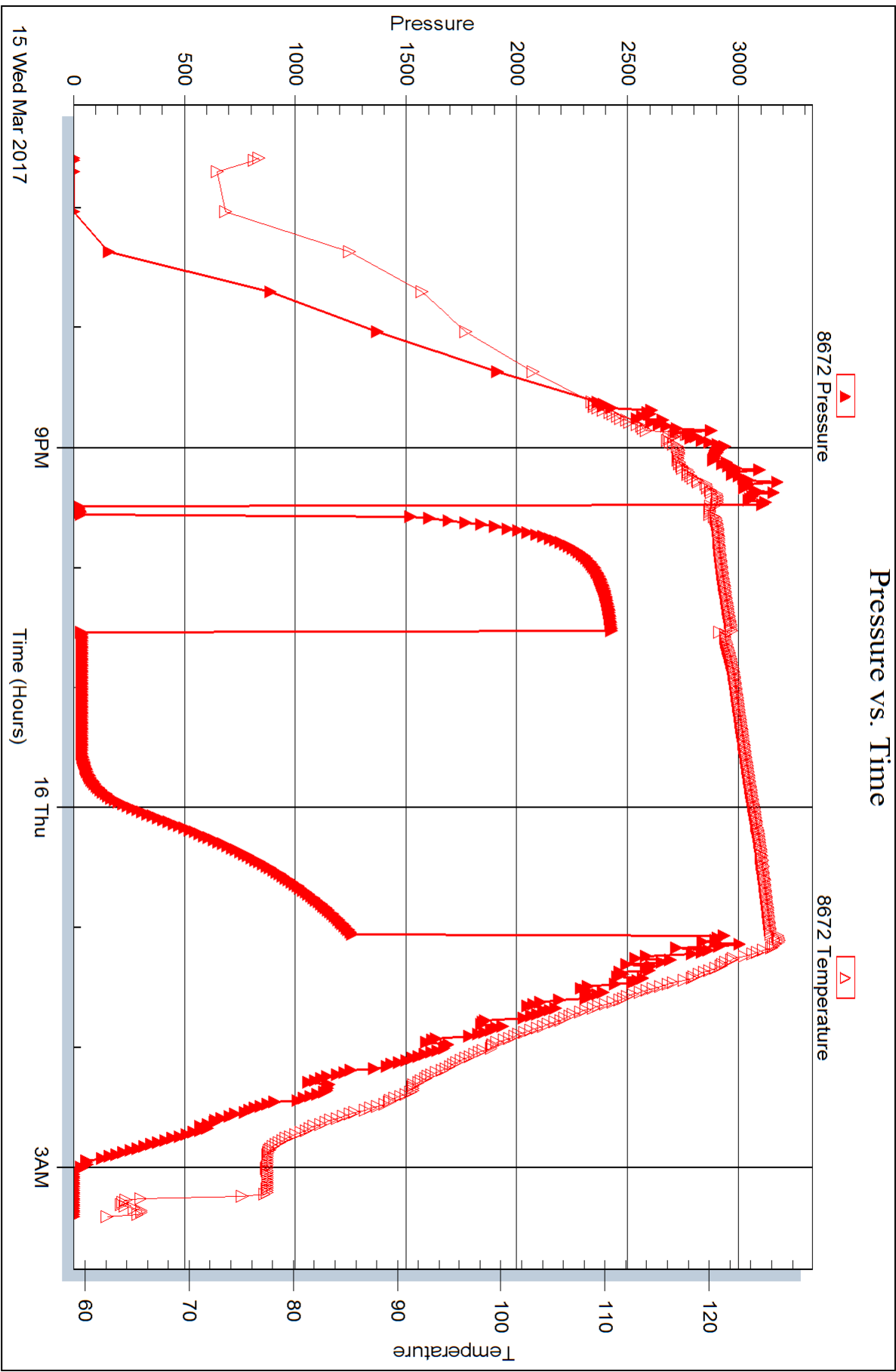
Serial #: 8672

Inside

McCoy Petroleum Corporation

21-29s-28w Gray,KS

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E Central  
Wichita KS 67206

ATTN: Zach Wiele

**21-29s-28w Gray,KS**

**Thomas & Reed Farms A #1-21**

Start Date: 2017.03.16 @ 17:02:15

End Date: 2017.03.17 @ 00:42:00

Job Ticket #: 61348                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.21 @ 16:17:09





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

ATTN: Zach Wiele

Job Ticket: 61348

**DST#: 2**

Test Start: 2017.03.16 @ 17:02:15

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:42:45

Time Test Ended: 00:42:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 6224.00 ft (KB) To 6255.00 ft (KB) (TVD)**

Reference Elevations: 2739.00 ft (KB)

Total Depth: 6255.00 ft (KB) (TVD)

2728.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 29.42 psig @ 6225.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.16

End Date:

2017.03.17

Last Calib.: 2017.03.17

Start Time: 17:02:15

End Time:

00:42:00

Time On Btm: 2017.03.16 @ 19:42:30

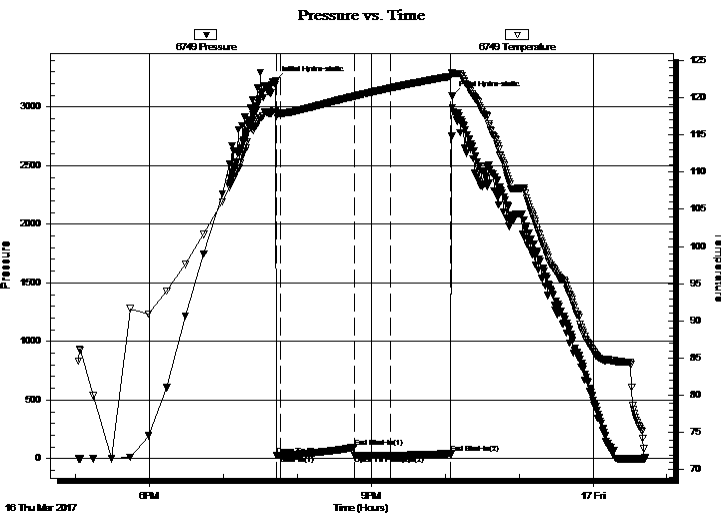
Time Off Btm: 2017.03.16 @ 22:05:30

TEST COMMENT: IF: Built to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3222.80	118.38	Initial Hydro-static
1	27.38	117.51	Open To Flow (1)
4	28.21	117.90	Shut-In(1)
64	96.51	120.19	End Shut-In(1)
64	28.06	120.19	Open To Flow (2)
93	29.42	121.28	Shut-In(2)
142	43.90	122.86	End Shut-In(2)
143	3093.35	123.38	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	90.65

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61348

**DST#: 2**

ATTN: Zach Wiele

Test Start: 2017.03.16 @ 17:02:15

## Tool Information

Drill Pipe:	Length: 5988.00 ft	Diameter: 3.80 inches	Volume: 84.00 bbl	Tool Weight: 1500.00 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: 216.00 ft	Diameter: 216.00 inches	Volume: 9789.72 bbl	Weight to Pull Loose: 110000.0 lb
			<u>Total Volume: 9873.72 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 90000.00 lb
Depth to Top Packer:	6224.00 ft			Final 90000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 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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Change Over Sub	1.00			6197.00	
Shut In Tool	5.00			6202.00	
Hydraulic tool	5.00			6207.00	
Jars	5.00			6212.00	
Safety Joint	3.00			6215.00	
Packer	5.00			6220.00	28.00 Bottom Of Top Packer
Packer	4.00			6224.00	
Stubb	1.00			6225.00	
Recorder	0.00	8672	Inside	6225.00	
Recorder	0.00	6749	Outside	6225.00	
Perforations	25.00			6250.00	
Bullnose	5.00			6255.00	31.00 Bottom Packers & Anchor

**Total Tool Length: 59.00**



**TRILOBITE  
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# DRILL STEM TEST REPORT

## FLUID SUMMARY

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61348

**DST#: 2**

ATTN: Zach Wiele

Test Start: 2017.03.16 @ 17:02:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 91.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2850.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% m	90.646

Total Length: 2.00 ft      Total Volume: 90.646 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

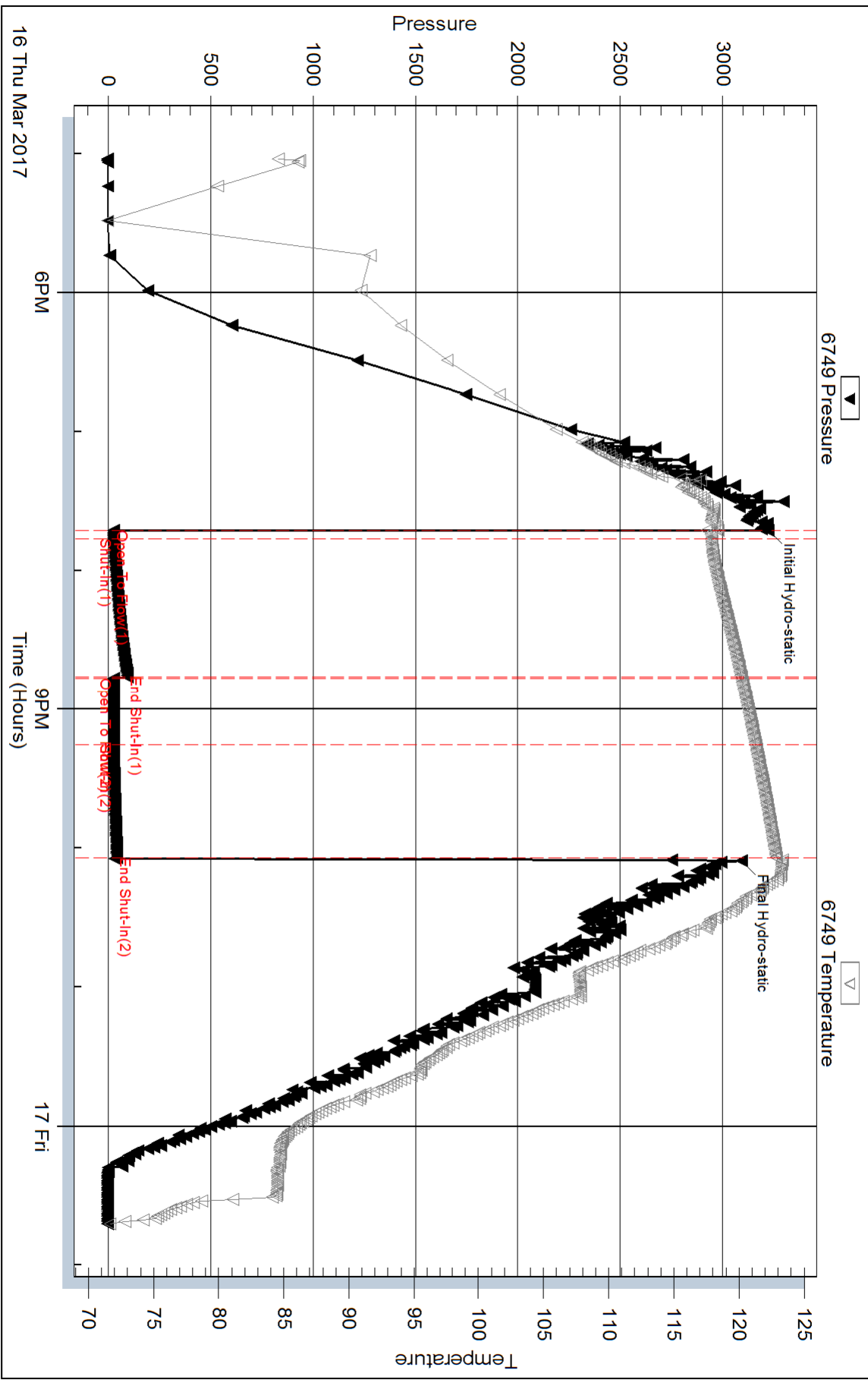
Serial #: 6749

Outside McCoy Petroleum Corporation

21-29s-28w Gray,KS

DST Test Number: 2

### Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 61348

Printed: 2017.03.21 @ 16:17:10

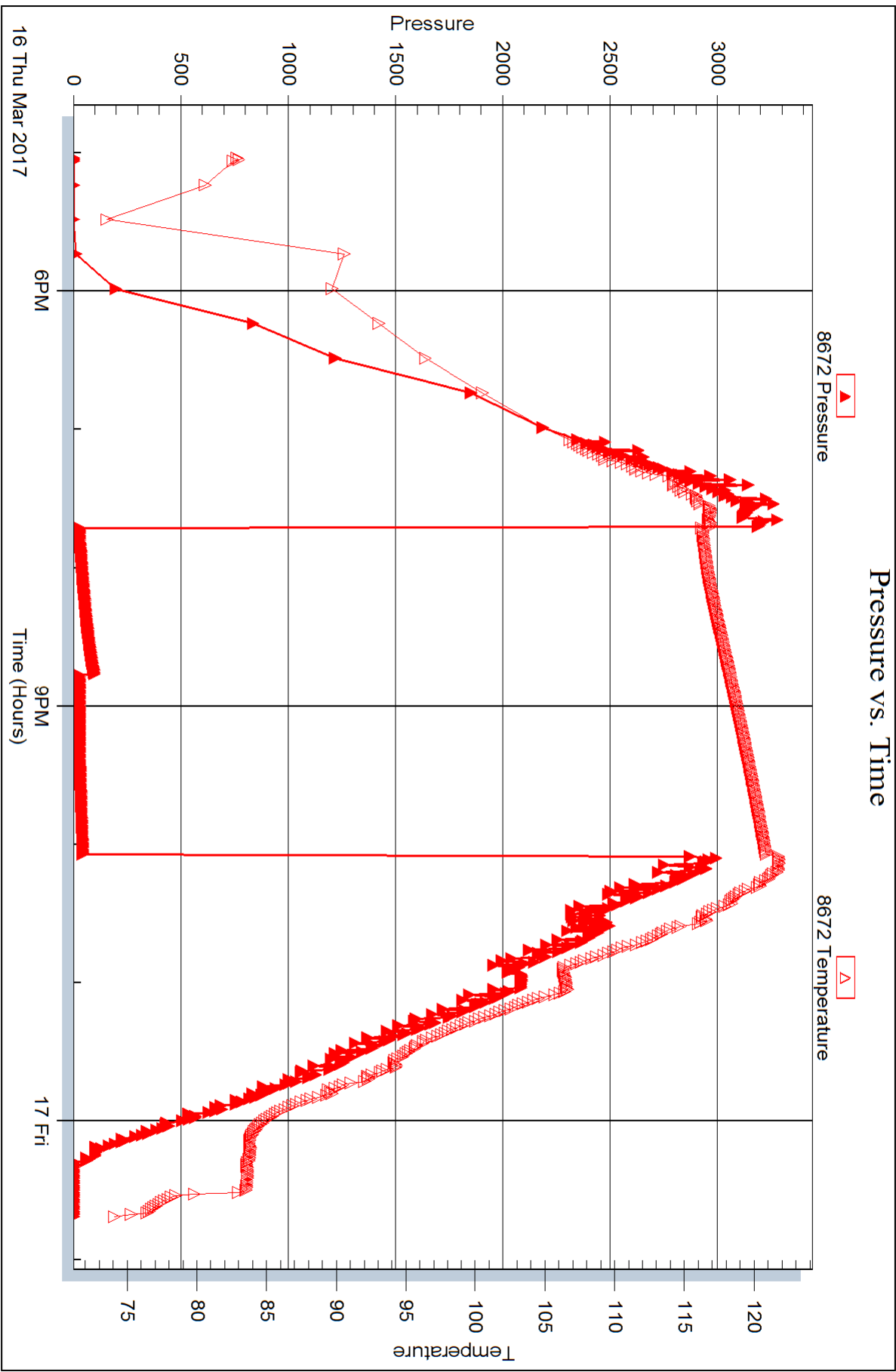
Serial #: 8672

Inside

McCoy Petroleum Corporation

21-29s-28w Gray,KS

DST Test Number: 2





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E Central  
Wichita KS 67206

ATTN: Zach Wiele

**21-29s-28w Gray,KS**

**Thomas & Reed Farms A #1-21**

Start Date: 2017.03.17 @ 12:21:15

End Date: 2017.03.17 @ 19:18:00

Job Ticket #: 61349                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.21 @ 16:16:23



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

ATTN: Zach Wiele

Job Ticket: 61349

**DST#: 3**

Test Start: 2017.03.17 @ 12:21:15

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:41:30

Time Test Ended: 19:18:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 6266.00 ft (KB) To 6282.00 ft (KB) (TVD)**

Reference Elevations: 2739.00 ft (KB)

Total Depth: 6282.00 ft (KB) (TVD)

2728.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 21.45 psig @ 6267.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.17 End Date: 2017.03.17

Last Calib.: 2017.03.17

Start Time: 12:21:15 End Time: 19:18:00

Time On Btm: 2017.03.17 @ 14:41:15

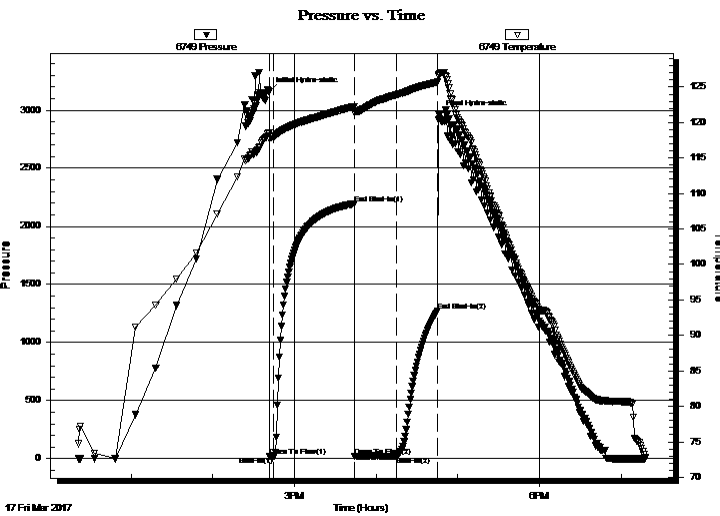
Time Off Btm: 2017.03.17 @ 16:46:15

TEST COMMENT: IF: Built to weak surface blow

IS: No return blow

FF: No blow

FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3158.68	118.56	Initial Hydro-static
1	18.64	117.67	Open To Flow (1)
4	18.40	118.05	Shut-In(1)
63	2195.46	122.26	End Shut-In(1)
63	19.93	121.38	Open To Flow (2)
94	21.45	123.87	Shut-In(2)
124	1269.17	125.70	End Shut-In(2)
125	2957.75	126.73	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	226.61

\* Recovery from multiple tests

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61349

**DST#: 3**

ATTN: Zach Wiele

Test Start: 2017.03.17 @ 12:21:15

## Tool Information

Drill Pipe:	Length: 6052.00 ft	Diameter: 3.80 inches	Volume: 84.89 bbl	Tool Weight:	1500.00 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: 216.00 ft	Diameter: 216.00 inches	Volume: 9789.72 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 9874.61 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	92000.00 lb
Depth to Top Packer:	6266.00 ft			Final	92000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	44.00 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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Change Over Sub	1.00			6239.00	
Shut In Tool	5.00			6244.00	
Hydraulic tool	5.00			6249.00	
Jars	5.00			6254.00	
Safety Joint	3.00			6257.00	
Packer	5.00			6262.00	28.00 Bottom Of Top Packer
Packer	4.00			6266.00	
Stubb	1.00			6267.00	
Recorder	0.00	8672	Inside	6267.00	
Recorder	0.00	6749	Outside	6267.00	
Perforations	10.00			6277.00	
Bullnose	5.00			6282.00	16.00 Bottom Packers & Anchor

**Total Tool Length: 44.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61349

**DST#: 3**

ATTN: Zach Wiele

Test Start: 2017.03.17 @ 12:21:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2750.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	226.614

Total Length: 5.00 ft      Total Volume: 226.614 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

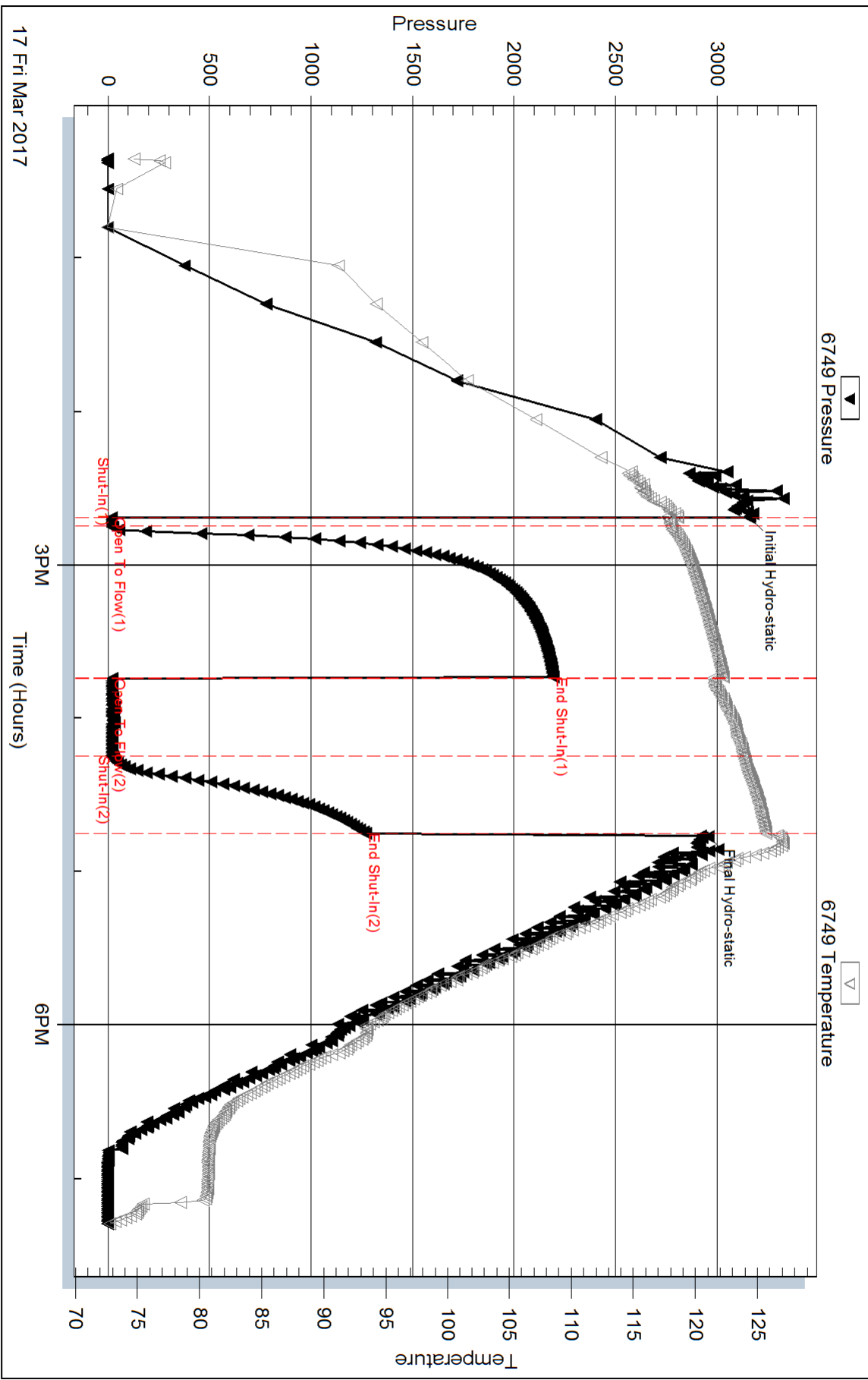
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time



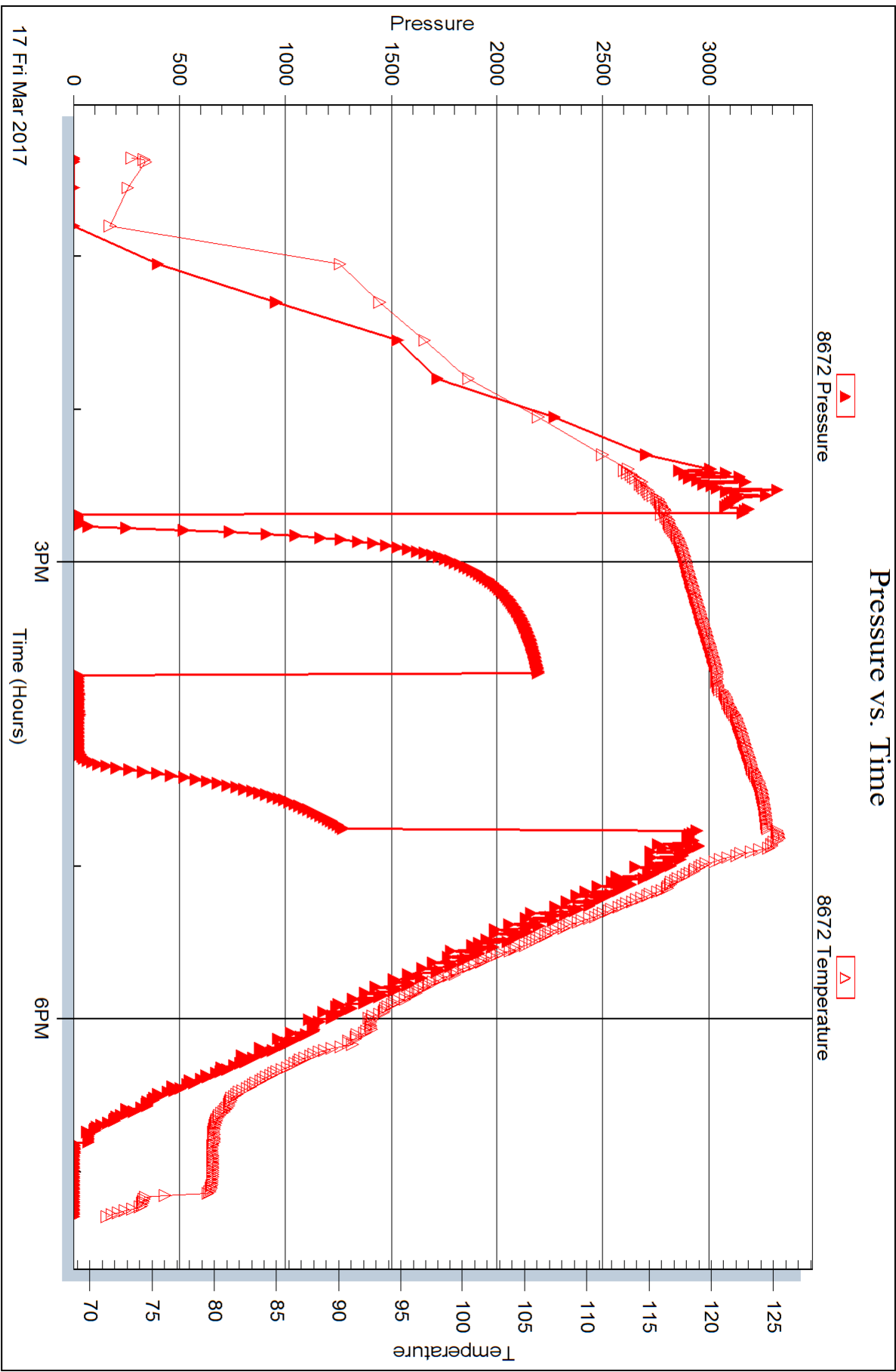
Serial #: 8672

Inside

McCoy Petroleum Corporation

21-29s-28w Gray,KS

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 61349

Printed: 2017.03.21 @ 16:16:24



## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E Central  
Wichita KS 67206

ATTN: Zach Wiele

**21-29s-28w Gray,KS**

**Thomas & Reed Farms A #1-21**

Start Date: 2017.03.18 @ 21:36:15

End Date: 2017.03.19 @ 05:24:45

Job Ticket #: 61350                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.21 @ 16:06:57



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

ATTN: Zach Wiele

Job Ticket: 61350

**DST#: 4**

Test Start: 2017.03.18 @ 21:36:15

## GENERAL INFORMATION:

Formation: **Compton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:22:45

Time Test Ended: 05:24:45

Test Type: Conventional Straddle (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 6115.00 ft (KB) To 6159.00 ft (KB) (TVD)**

Reference Elevations: 2739.00 ft (KB)

Total Depth: 6495.00 ft (KB) (TVD)

2728.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 45.71 psig @ 6155.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.18

End Date:

2017.03.19

Last Calib.: 2017.03.19

Start Time: 21:36:15

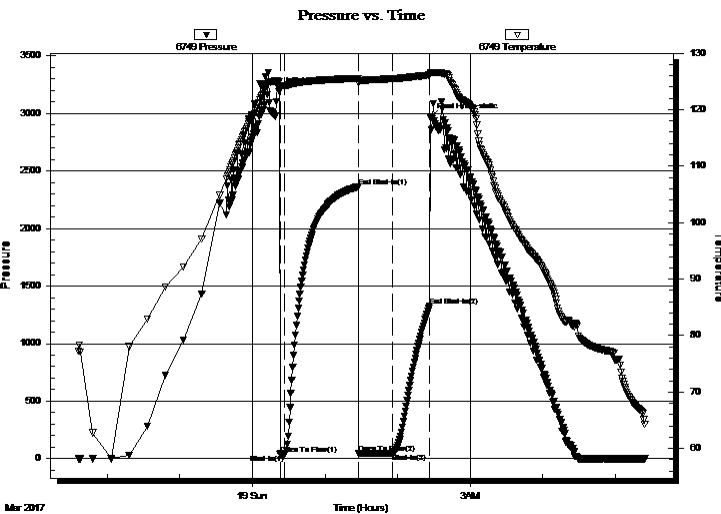
End Time:

05:24:45

Time On Btm: 2017.03.19 @ 00:22:30

Time Off Btm: 2017.03.19 @ 02:27:15

**TEST COMMENT:** IF: Buit to 1/8" blow  
IS: No return blow  
FF: Weak surface blow that died in 5 minutes  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3190.69	124.93	Initial Hydro-static
1	40.62	123.82	Open To Flow (1)
5	40.24	124.24	Shut-In(1)
65	2362.31	125.52	End Shut-In(1)
65	43.88	124.68	Open To Flow (2)
94	45.71	125.44	Shut-In(2)
124	1329.03	126.08	End Shut-In(2)
125	2960.18	126.51	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100% m	226.61

\* Recovery from multiple tests

## Gas Rates

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









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61350

**DST#: 4**

ATTN: Zach Wiele

Test Start: 2017.03.18 @ 21:36:15

## Tool Information

Drill Pipe:	Length: 5919.00 ft	Diameter: 3.80 inches	Volume: 83.03 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 216.00 ft	Diameter: 216.00 inches	Volume: 9789.72 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 9872.75 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	48.00 ft			String Weight: Initial	92000.00 lb
Depth to Top Packer:	6115.00 ft			Final	92000.00 lb
Depth to Bottom Packer:	6160.00 ft				
Interval between Packers:	45.00 ft				
Tool Length:	387.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

## Tool Description

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

Change Over Sub	1.00			6088.00	
Shut In Tool	5.00			6093.00	
Hydraulic tool	5.00			6098.00	
Jars	5.00			6103.00	
Safety Joint	3.00			6106.00	
Packer	5.00			6111.00	28.00 Bottom Of Top Packer
Packer	4.00			6115.00	
Stubb	1.00			6116.00	
Perforations	1.00			6117.00	
Change Over Sub	1.00			6118.00	
Drill Pipe	31.00			6149.00	
Perforations	5.00			6154.00	
Blank Off Sub	1.00			6155.00	
Recorder	0.00	8672	Inside	6155.00	
Recorder	0.00	6749	Outside	6155.00	
Perforations	5.00			6160.00	45.00 Tool Interval
Packer	3.00			6163.00	
Stubb	1.00			6164.00	
Perforations	17.00			6181.00	
Change Over Sub	1.00			6182.00	
Drill Pipe	286.00			6468.00	
Recorder	0.00	8647	Below	6468.00	
Change Over Sub	1.00			6469.00	
Bullnose	5.00			6474.00	314.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>387.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 61350

**DST#: 4**

ATTN: Zach Wiele

Test Start: 2017.03.18 @ 21:36:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100% m	226.614

Total Length: 5.00 ft      Total Volume: 226.614 bbl

Num Fluid Samples: 0

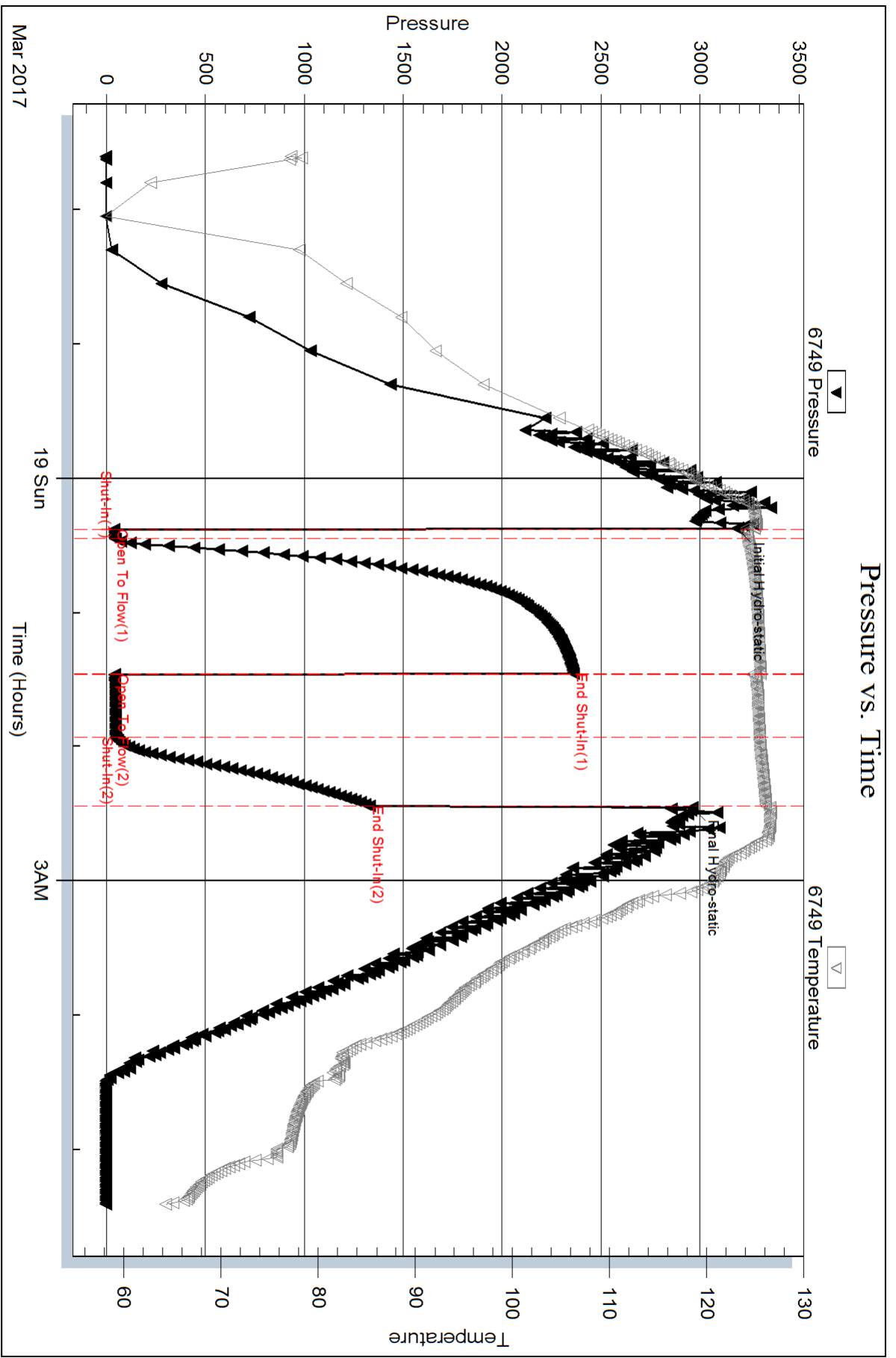
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



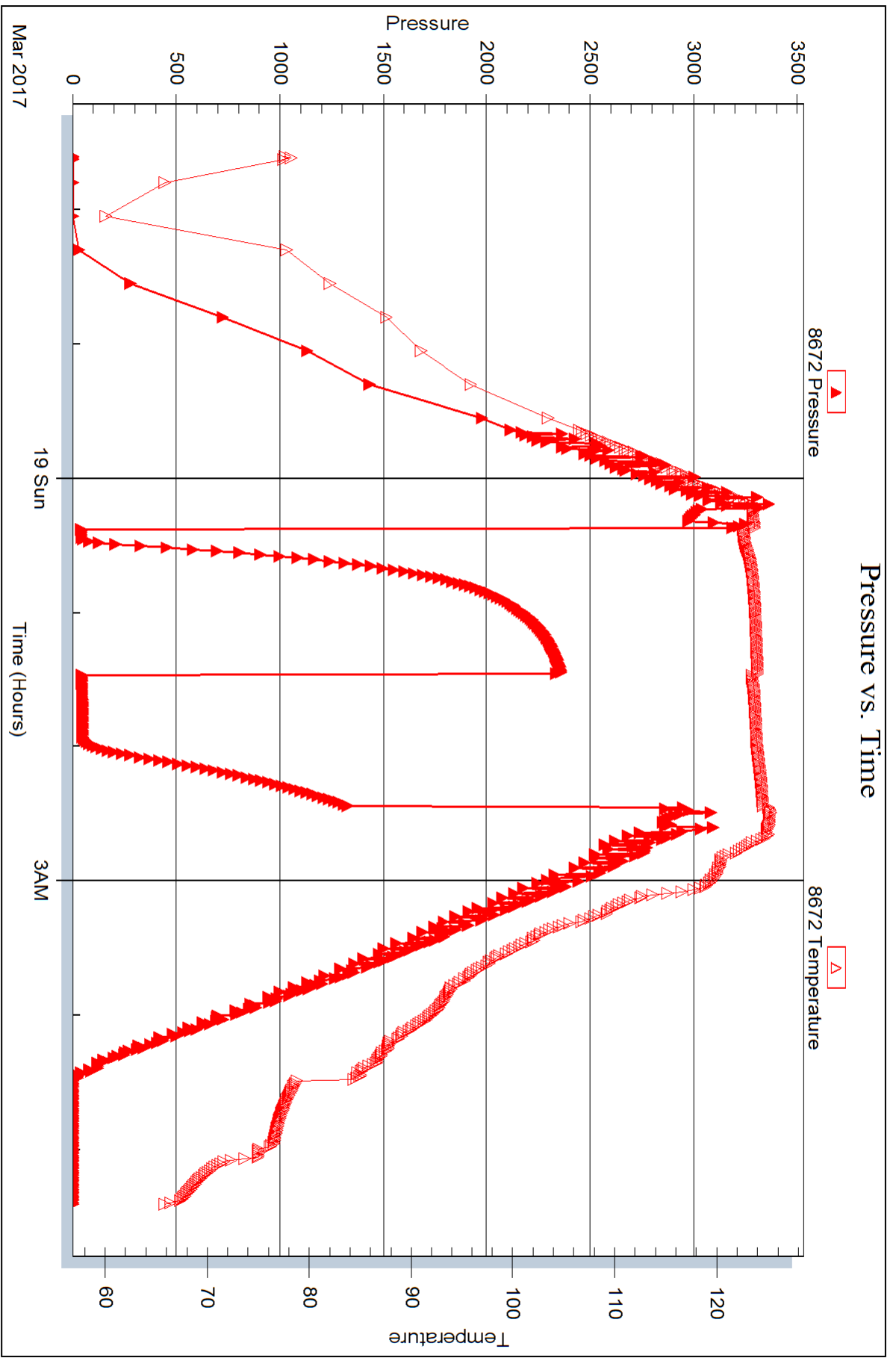
Serial #: 8672

Inside

McCoy Petroleum Corporation

21-29s-28w Gray,KS

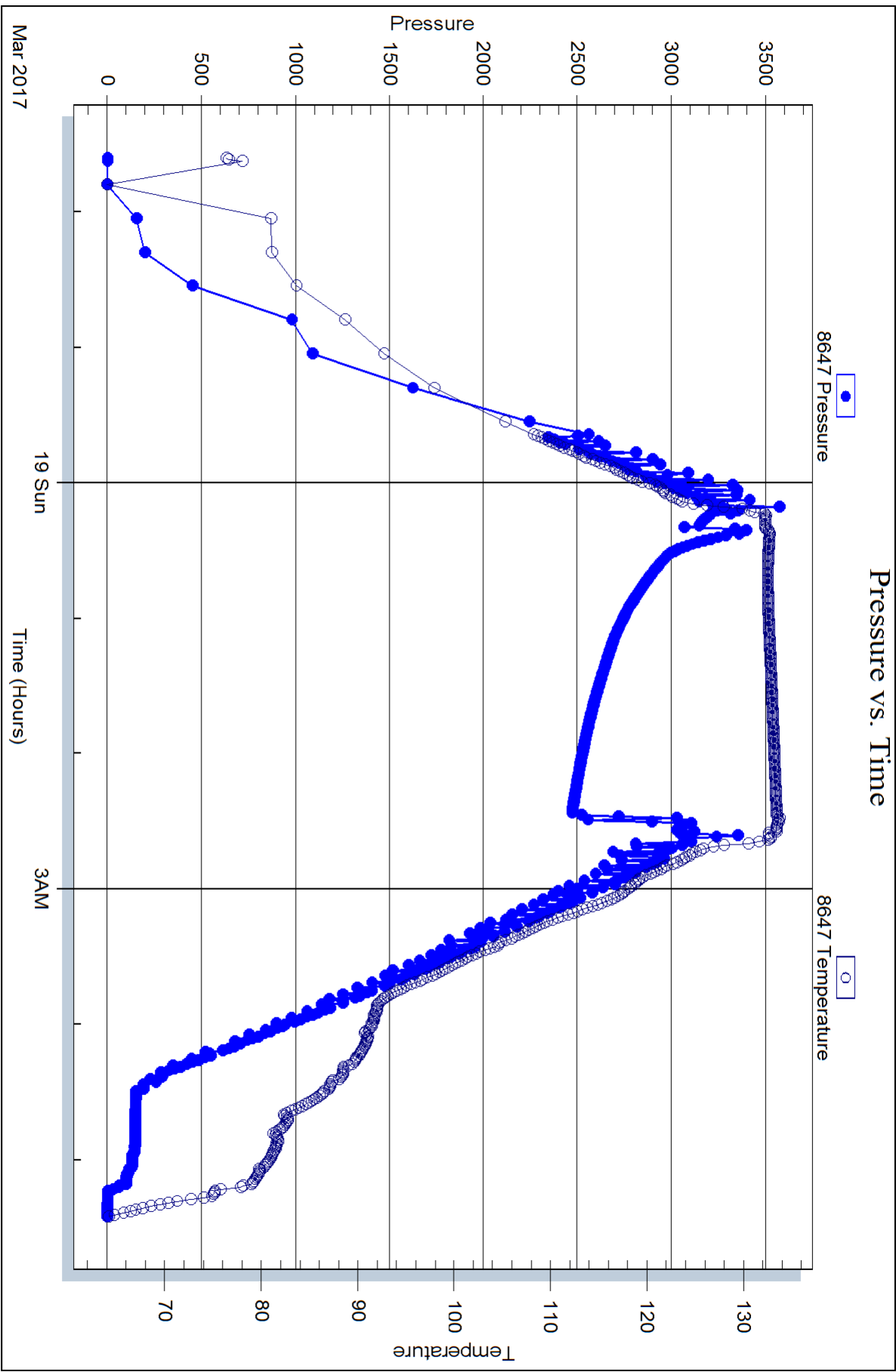
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 61350

Printed: 2017.03.21 @ 16:06:58





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

9342 E Central  
Wichita KS 67206

ATTN: Zach Wiele

**21-29s-28w Gray,KS**

**Thomas & Reed Farms A #1-21**

Start Date: 2017.03.19 @ 06:12:15

End Date: 2017.03.19 @ 16:01:30

Job Ticket #: 63701                      DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.03.21 @ 16:05:29



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

ATTN: Zach Wiele

Job Ticket: 63701

**DST#: 5**

Test Start: 2017.03.19 @ 06:12:15

## GENERAL INFORMATION:

Formation: **St. Loius**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:57:30

Time Test Ended: 16:01:30

Test Type: Conventional Straddle (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 5275.00 ft (KB) To 5320.00 ft (KB) (TVD)**

Reference Elevations: 2739.00 ft (KB)

Total Depth: 6495.00 ft (KB) (TVD)

2728.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 85.97 psig @ 5311.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.03.19

End Date:

2017.03.19

Last Calib.:

2017.03.19

Start Time: 06:12:15

End Time:

16:01:30

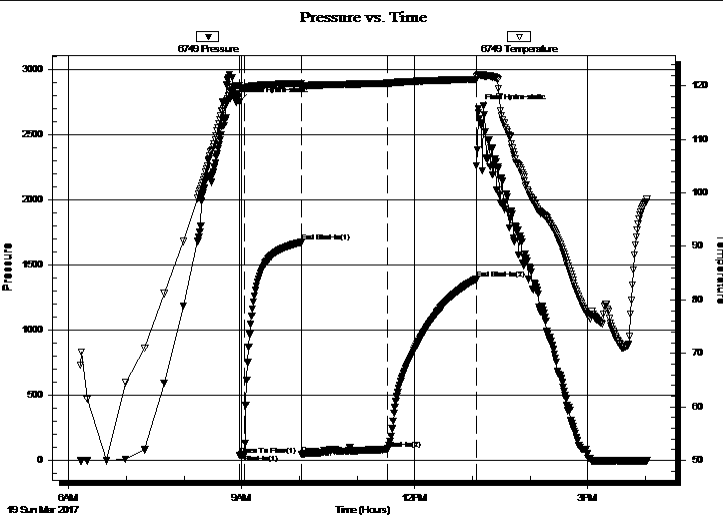
Time On Btm:

2017.03.19 @ 08:57:15

Time Off Btm:

2017.03.19 @ 13:06:00

**TEST COMMENT:** IF: Built to 1/2" blow  
IS: No return blow  
FF: Built to weak surface blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2750.82	120.10	Initial Hydro-static
1	41.62	118.60	Open To Flow (1)
5	45.71	119.51	Shut-In(1)
65	1674.37	120.47	End Shut-In(1)
65	49.34	119.73	Open To Flow (2)
155	85.97	120.50	Shut-In(2)
247	1389.90	121.23	End Shut-In(2)
249	2699.70	122.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
70.00	mud 100%m	3172.60

## Gas Rates

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

\* Recovery from multiple tests









**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 63701

**DST#: 5**

ATTN: Zach Wiele

Test Start: 2017.03.19 @ 06:12:15

**Tool Information**

Drill Pipe:	Length: 5059.00 ft	Diameter: 3.80 inches	Volume: 70.96 bbl	Tool Weight: 1500.00 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: 216.00 ft	Diameter: 216.00 inches	Volume: 9789.72 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 9860.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 92000.00 lb
Depth to Top Packer:	5275.00 ft			Final 98000.00 lb
Depth to Bottom Packer:	5317.00 ft			
Interval between Packers:	42.00 ft			
Tool Length:	1253.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

<b>Tool Description</b>	<b>Length (ft)</b>	<b>Serial No.</b>	<b>Position</b>	<b>Depth (ft)</b>	<b>Accum. Lengths</b>
-------------------------	--------------------	-------------------	-----------------	-------------------	-----------------------

Change Over Sub	1.00			5248.00	
Shut In Tool	5.00			5253.00	
Hydraulic tool	5.00			5258.00	
Jars	5.00			5263.00	
Safety Joint	3.00			5266.00	
Packer	5.00			5271.00	28.00 Bottom Of Top Packer
Packer	4.00			5275.00	
Stubb	1.00			5276.00	
Perforations	1.00			5277.00	
Change Over Sub	1.00			5278.00	
Drill Pipe	32.00			5310.00	
Change Over Sub	1.00			5311.00	
Recorder	0.00	8672	Inside	5311.00	
Recorder	0.00	6749	Outside	5311.00	
Perforations	5.00			5316.00	
Blank Off Sub	1.00			5317.00	42.00 Tool Interval
Packer	3.00			5320.00	
Stubb	1.00			5321.00	
Perforations	24.00			5345.00	
Change Over Sub	1.00			5346.00	
Drill Pipe	1148.00			6494.00	
Recorder	0.00	8647	Below	6494.00	
Change Over Sub	1.00			6495.00	
Bullnose	5.00			6500.00	1183.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>		<b>1253.00</b>			



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

McCoy Petroleum Corporation

**Thomas & Reed Farms A #1-21**

9342 E Central  
Wichita KS 67206

**21-29s-28w Gray,KS**

Job Ticket: 63701

**DST#: 5**

ATTN: Zach Wiele

Test Start: 2017.03.19 @ 06:12:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	mud 100%m	3172.595

Total Length: 70.00 ft      Total Volume: 3172.595 bbl

Num Fluid Samples: 0

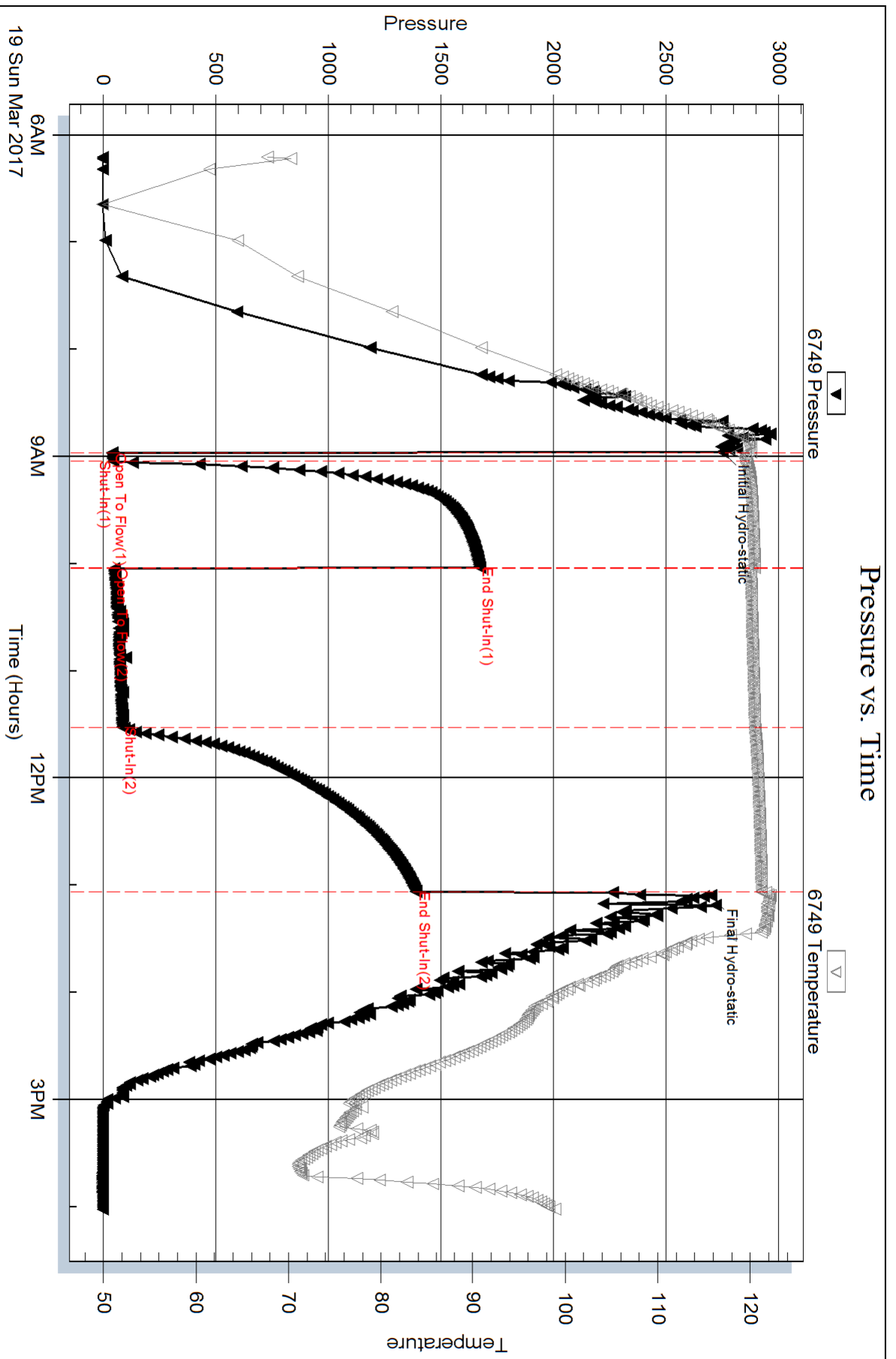
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



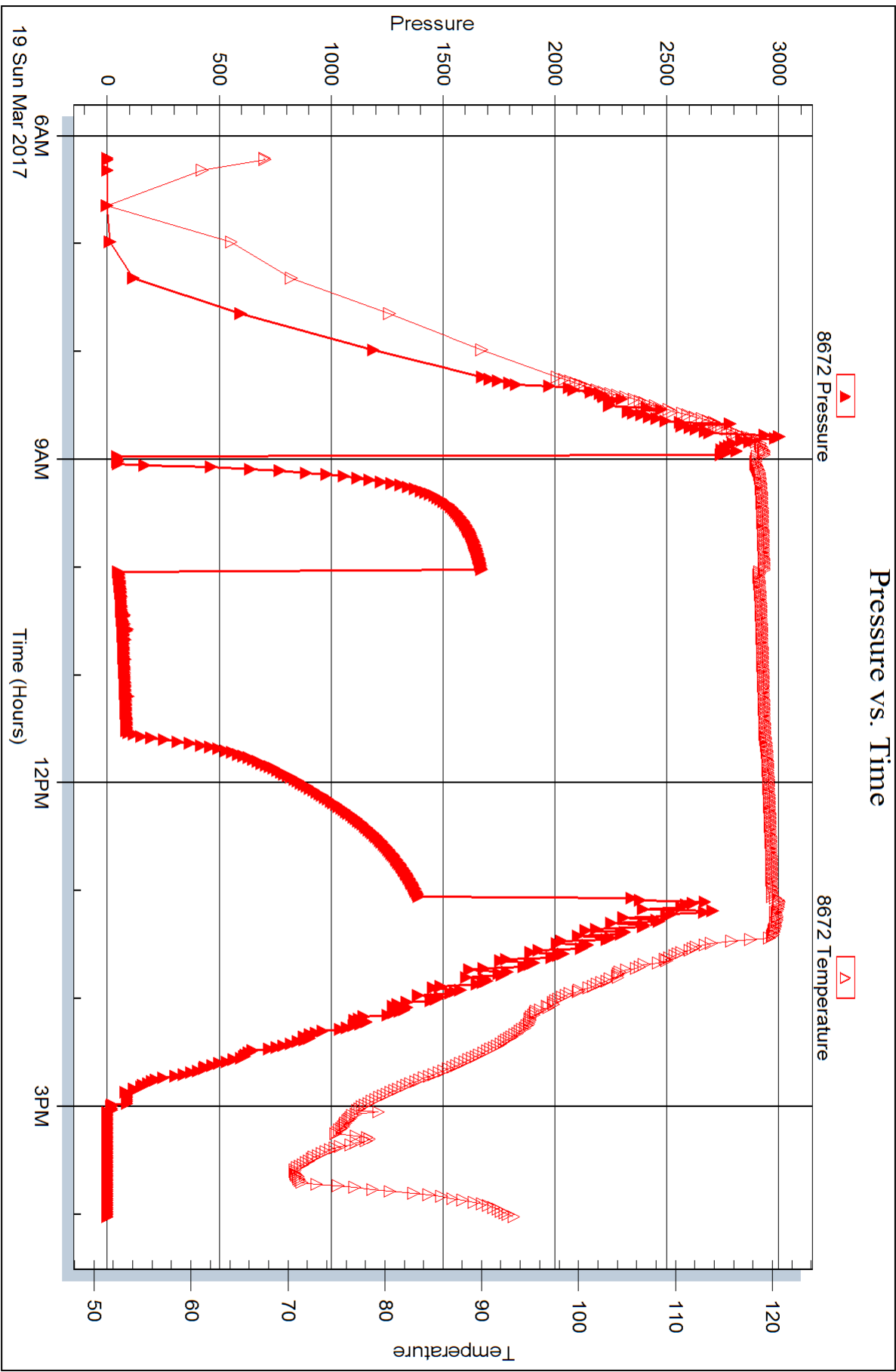
Serial #: 8672

Inside

McCoy Petroleum Corporation

21-29s-28w Gray,KS

DST Test Number: 5

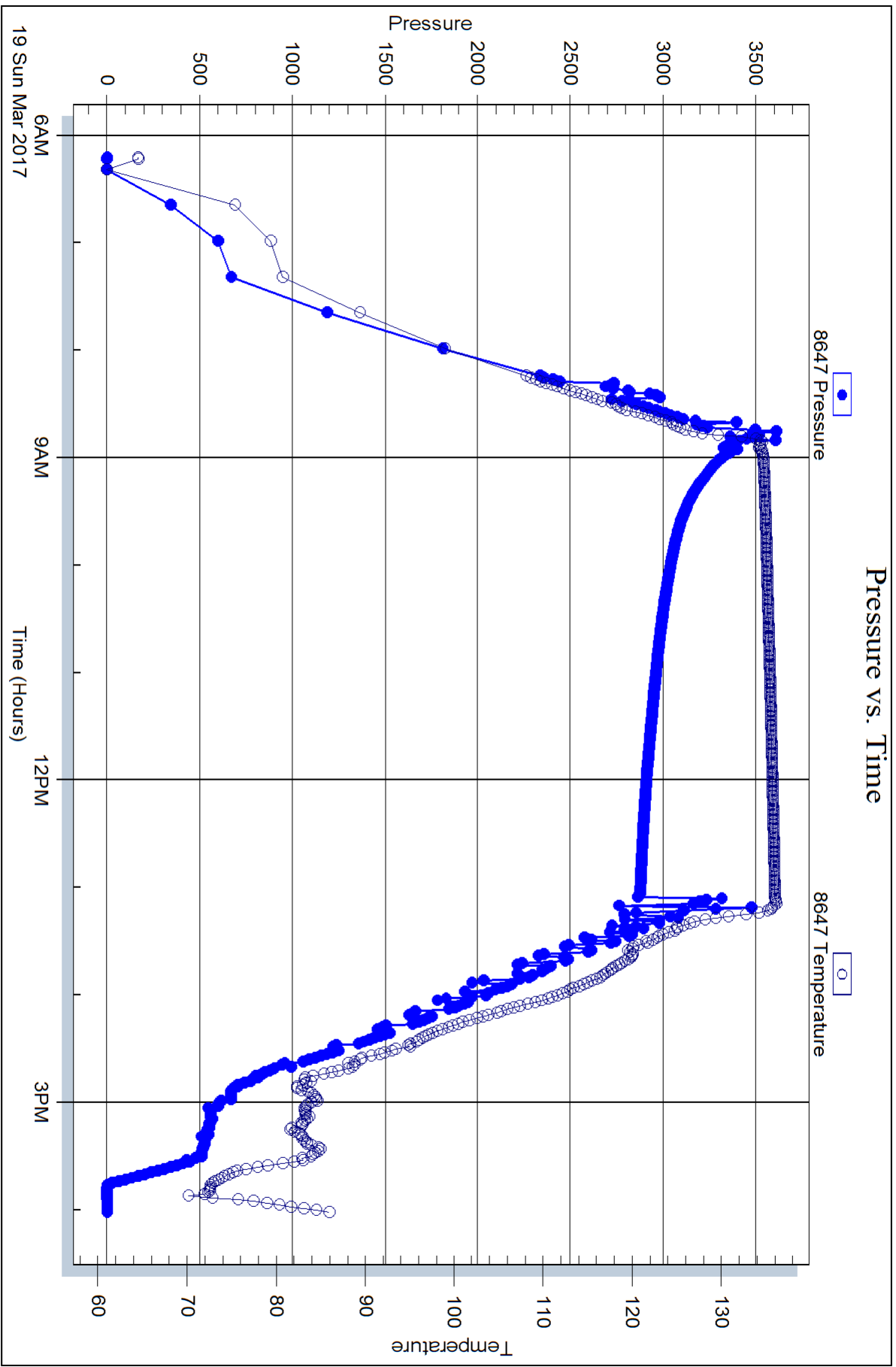


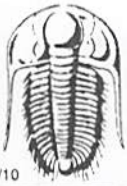
Serial #: 8647

Below (Strat) ~~Adley~~ Petroleum Corporation

21-29s-28w Gray,KS

DST Test Number: 5





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 61347

Well Name & No. Thomas + Reed Farm 5<sup>th</sup> 1-21 Test No. 1 Date 3-15-17  
 Company McCoy Petroleum Corporation Elevation 2739 KB 2728 GL  
 Address 9342 E Central Wichita KS 67206  
 Co. Rep / Geo. Zack Weile Rig Sterling #4  
 Location: Sec. 21 Twp. 29S Rge. 29W Co. Gray State KS

Interval Tested 6211-6225 Zone Tested Viola  
 Anchor Length 14 Drill Pipe Run 5988 Mud Wt. 9.2  
 Top Packer Depth 6206 Drill Collars Run 216 Vis 48  
 Bottom Packer Depth 6211 Wt. Pipe Run 0 WL 6.4  
 Total Depth 6225 Chlorides 2450 ppm System LCM 8  
 Blow Description IF: Built to Weak Surface Blow  
IS: No Return Blow  
FF: No Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>MUD</u>			<u>100</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 Total 10 BHT 128 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>3114</u>	<input checked="" type="checkbox"/> Test <u>\$1400.00/-</u>	T-On Location <u>14:00</u> <input checked="" type="checkbox"/>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>18:35</u> <input checked="" type="checkbox"/>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>21:30</u>
(D) Initial Shut-In <u>2427</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>01:03</u>
(E) Second Initial Flow <u>34</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>03:24</u>
(F) Second Final Flow <u>35</u>	<input checked="" type="checkbox"/> Mileage <u>200RT = \$150.00/-</u>	Comments _____
(G) Final Shut-In <u>1254</u>	<input type="checkbox"/> Sampler	<u>Motel</u>
(H) Final Hydrostatic <u>2933</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>3</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1831.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>\$1875.00/-</u>	

Approved By \_\_\_\_\_

Our Representative Mike Roberts

Trilobite Testing Inc. shall not be liable for damaged of any kind of the 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

6799

## Test Ticket

NO. 61348

Well Name & No. Thomas + Reed Farms "A" 1-21 Test No. 2 Date 3-16-17  
 Company McCoy Petroleum Corporation Elevation 2739 KB 2728 GL  
 Address 9342 E Central Wichita KS 67206  
 Co. Rep / Geo. Zack Weile Rig Sterling 4  
 Location: Sec. 21 Twp. 29S Rge. 29W Co. Gray State KS

Interval Tested 6224-6255 Zone Tested Viola  
 Anchor Length 31 Drill Pipe Run 5988 Mud Wt. 8.0  
 Top Packer Depth 6219 Drill Collars Run 216 Vis 91  
 Bottom Packer Depth 6224 Wt. Pipe Run Ø WL 8.0  
 Total Depth 6255 Chlorides 2850 ppm System LCM 7  
 Blow Description IF: Boil to Weak Surface Blow  
IS: No Return Blow  
FF: No Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	<u>MUD</u>			<u>100</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 Total 2 BHT 123 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>3222</u>	<input checked="" type="checkbox"/> Test	<u>\$1400.00/-</u>	T-On Location	<u><del>17:02</del> 16:00</u>
(B) First Initial Flow	<u>27</u>	<input checked="" type="checkbox"/> Jars	<u>\$250.00/-</u>	T-Started	<u>17:02</u>
(C) First Final Flow	<u>28</u>	<input checked="" type="checkbox"/> Safety Joint	<u>\$75.00/-</u>	T-Open	<u>19:43</u>
(D) Initial Shut-In	<u>96</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NC</u>	T-Pulled	<u>21:46</u>
(E) Second Initial Flow	<u>28</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>00:42</u>
(F) Second Final Flow	<u>29</u>	<input checked="" type="checkbox"/> Mileage	<u>200 RT = \$150.00/-</u>	Comments	<u>FSI - Toolpusher</u>
(G) Final Shut-In	<u>43</u>	<input type="checkbox"/> Sampler	<u>106.50</u>		<u>Requested 15 min to</u>
(H) Final Hydrostatic	<u>3093</u>	<input type="checkbox"/> Straddle			<u>Finish Mud Pump</u>
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Shale Packer	
		<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Ruined Packer	<u>Motel</u>
		<input type="checkbox"/> Extra Recorder		<input type="checkbox"/> Extra Copies	
		<input type="checkbox"/> Day Standby		Sub Total	
		<input type="checkbox"/> Accessibility		Total	<u>1831.50</u>
		Sub Total	<u>\$1875.00/-</u>	MP/DST Disc't	

Approved By \_\_\_\_\_ Our Representative Mike Roberts

TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the 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. 61349

4/10

Well Name & No. Thomas & Reed Farms "A" 1-21 Test No. 3 Date 3-17-17  
 Company McCoy Petroleum Corporation Elevation 2739 KB 2728 GL  
 Address 9342 E Central Wichita KS 67206  
 Co. Rep / Geo. Zack Weile Rig Sterling #4  
 Location: Sec. 21 Twp. 29S Rge. 29W Co. Grey State KS

Interval Tested 6266-6282 Zone Tested Viola  
 Anchor Length 14 Drill Pipe Run 6052 Mud Wt. 9.0  
 Top Packer Depth 6241 Drill Collars Run 216 Vis 55  
 Bottom Packer Depth 6266 Wt. Pipe Run 0 WL 8.0  
 Total Depth 6282 Chlorides 2750 ppm System LCM 6

Blow Description IF: Weak Surface Blow  
IS: No Return Blow  
FF: No Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>MUD</u>			<u>100</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 Total 5 BHT 126 Gravity — API RW —@ — °F Chlorides — ppm

(A) Initial Hydrostatic	<u>3158</u>	<input checked="" type="checkbox"/> Test	<u>\$1400.00/-</u>	T-On Location	<u>11:20</u>
(B) First Initial Flow	<u>18</u>	<input checked="" type="checkbox"/> Jars	<u>\$250.00/-</u>	T-Started	<u>12:21</u>
(C) First Final Flow	<u>18</u>	<input checked="" type="checkbox"/> Safety Joint	<u>\$75.00/-</u>	T-Open	<u>14:41</u>
(D) Initial Shut-In	<u>2195</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NC</u>	T-Pulled	<u>16:44</u>
(E) Second Initial Flow	<u>19</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>19:18</u>
(F) Second Final Flow	<u>21</u>	<input checked="" type="checkbox"/> Mileage	<u>200 RT \$150.00/-</u>	Comments	<u>Motel</u>
(G) Final Shut-In	<u>1269</u>	<input type="checkbox"/> Sampler	<u>106.50</u>		
(H) Final Hydrostatic	<u>2957</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	

Initial Open 3  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 30

Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility

Sub Total \$1875.00/-

Sub Total 0  
 Total 1831.50  
 MP/DST Disc't —

Approved By \_\_\_\_\_ Our Representative Mike Robert

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Straddle 8647

## Test Ticket

NO. 61350

Well Name & No. Thomas + Reed Farms "A" 121 Test No. 4 Date 3-18-17  
 Company McCoy Petroleum Corporation Elevation 2739 KB 2728 GL  
 Address 9342 E Central Wichita KS 67206  
 Co. Rep / Geo. Zack Weile Rig Sterling #4  
 Location: Sec. 21 Twp. 29S Rge. 29W Co. Grey State KS

Interval Tested 6140-6184 TD6495 Zone Tested Vida  
 Anchor Length 44 Drill Pipe Run 5919 Mud Wt. 9.3  
 Top Packer Depth 6135 Drill Collars Run 216 Vis 65  
 Bottom Packer Depth 6140 Wt. Pipe Run 0 WL 716  
 Total Depth 6495 Chlorides 3000 ppm System LCM 5  
 Blow Description IF: 1/8" Blow  
IS: No Return Blow  
FF: Weak Surface Dried in 5 Min  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>mud</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 Total 5 BHT 125 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>3190</u>	<input checked="" type="checkbox"/> Test <u>\$1400.00/-</u>	T-On Location <u>19:45</u>
(B) First Initial Flow <u>40</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>21:36</u>
(C) First Final Flow <u>40</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>12:23</u>
(D) Initial Shut-In <u>2362</u>	<input checked="" type="checkbox"/> Circ Sub <u>NC</u>	T-Pulled <u>02:26</u>
(E) Second Initial Flow <u>43</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>05:24</u>
(F) Second Final Flow <u>45</u>	<input checked="" type="checkbox"/> Mileage <u>200 RT = \$150.00/-</u>	Comments <u>Motel</u>
(G) Final Shut-In <u>1329</u>	<input type="checkbox"/> Sampler <u>106.50</u>	
(H) Final Hydrostatic <u>2960</u>	<input checked="" type="checkbox"/> Straddle <u>\$600.00/-</u>	<input type="checkbox"/> Ruined Shale Packer
	<input checked="" type="checkbox"/> Shale Packer <u>\$250.00/-</u>	<input type="checkbox"/> Ruined Packer
Initial Open <u>3</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2681.50</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>\$2725.00/-</u>	

Approved By \_\_\_\_\_ Our Representative Mike Roberts

Trilobite Testing Inc. shall not be liable for damaged of any kind of the 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

8647

## Test Ticket

NO. **63701**

Well Name & No. Thomas + Reed Farms 'A' 1-21 Test No. 5 Date 3-19-17  
 Company McCoy Petroleum Corporation Elevation 2739 KB 2728 GL  
 Address 9342 E Central Wichita KS 67601  
 Co. Rep / Geo. Zack Weiler Rig Sterling #4  
 Location: Sec. 21 Twp. 29S Rge. 29W Co. Grey State KS

Interval Tested 5275-5320 6485 Zone Tested St. Lewis  
 Anchor Length 45 Drill Pipe Run 5059 Mud Wt. 9.3  
 Top Packer Depth 5270 Drill Collars Run 216 Vis 65  
 Bottom Packer Depth 5275 Wt. Pipe Run \_\_\_\_\_ WL 7.6  
 Total Depth 5320 Chlorides 3000 ppm System LCM 5  
 Blow Description IF: Built to 1/2" Blow  
IS: No Return Blow  
FF: Built to weak surface Blow  
FS: No Return Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>MUD</u>			<u>100</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 Total 70 BHT 122 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>2750</u>	<input checked="" type="checkbox"/> Test <u>\$1400.00/-</u>	T-On Location <u>04:24</u>
(B) First Initial Flow <u>41</u>	<input checked="" type="checkbox"/> Jars <u>\$250.00/-</u>	T-Started <u>06:12</u>
(C) First Final Flow <u>45</u>	<input checked="" type="checkbox"/> Safety Joint <u>\$75.00/-</u>	T-Open <u>09:00</u>
(D) Initial Shut-In <u>1674</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>13:03</u>
(E) Second Initial Flow <u>49</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>16:01</u>
(F) Second Final Flow <u>85</u>	<input checked="" type="checkbox"/> Mileage <u>200RT = \$150.00/-</u>	Comments <u>Went To get Hook wall</u>
(G) Final Shut-In <u>1389</u>	<input type="checkbox"/> Sampler <u>213</u>	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>2699</u>	<input checked="" type="checkbox"/> Straddle <u>\$600.00/-</u>	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>3</u>	<input checked="" type="checkbox"/> Shale Packer <u>250</u>	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>90</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>2788</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility <u>2788</u>	
	Sub Total <u>\$2725.00/-</u>	

Approved By [Signature] Our Representative [Signature]

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