



## DRILL STEM TEST REPORT

Prepared For: **Navex Resources LLC**

1020 E Levee Street STE 130  
Dallas, TX 75207

ATTN: Randy Say

### **Pfaffly #1-12**

#### **12-11S.-42W. Kit Carson,CO**

Start Date: 2023.05.20 @ 12:10:00

End Date: 2023.05.21 @ 00:00:15

Job Ticket #: 69705                      DST #: 1

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

Printed: 2023.05.31 @ 13:31:59



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Navex Resources LLC  
 1020 E Levee Street STE 130  
 Dallas, TX 75207  
 ATTN: Randy Say

**12-11S.-42W. Kit Carson, CO**  
**Pfaffly #1-12**  
 Job Ticket: 69705 **DST#: 1**  
 Test Start: 2023.05.20 @ 12:10:00

## GENERAL INFORMATION:

Formation: **Marmaton- Pawnee B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:36:45

Time Test Ended: 00:00:15

Interval: **5038.00 ft (KB) To 5080.00 ft (KB) (TVD)**

Total Depth: 5080.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Nathan Aneas

Unit No: 71

Reference Elevations: 4478.00 ft (KB)

4467.00 ft (CF)

KB to GR/CF: 11.00 ft

**Serial #: 8353**

**Inside**

Press@RunDepth: 281.39 psig @ 5039.00 ft (KB)

Start Date: 2023.05.20

End Date: 2023.05.21

Start Time: 12:10:01

End Time: 00:00:15

Capacity: 8000.00 psig

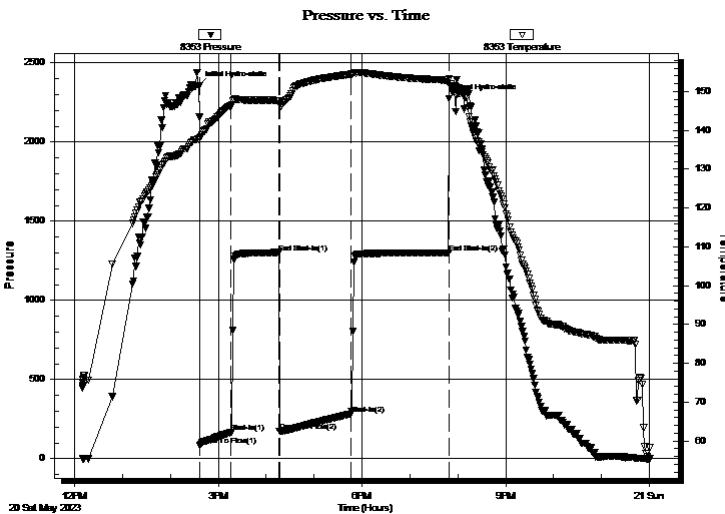
Last Calib.: 2023.05.21

Time On Btm: 2023.05.20 @ 14:35:45

Time Off Btm: 2023.05.20 @ 19:49:15

**TEST COMMENT:** 30:IF- Weak surface blow in 25 min, BOB in 30 min, final is 29 1/2"  
 60:IS- Fair surface blow, built to 7 1/2" in 10 min, final is 9 1/2"  
 90:FF- Fair surface blow, BOB in 12 min, final is 53 3/4"  
 120:FS- Fair surface blow, BOB in 10 min, final is 44 3/4"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2353.88	137.72	Initial Hydro-static
1	81.68	138.15	Open To Flow (1)
40	165.09	146.31	Shut-In(1)
100	1301.98	147.66	End Shut-In(1)
101	171.09	146.86	Open To Flow (2)
191	281.39	154.40	Shut-In(2)
313	1300.34	152.88	End Shut-In(2)
314	2274.97	153.15	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	V SWGM 50%G 45%M 5%W ( less than	10.891)
106.00	SWMG 60%G 38%M 2%W	1.49
315.00	CO 100%O	4.42
0.00	GIP 1532'	0.00

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 69705

**DST#: 1**

ATTN: Randy Say

Test Start: 2023.05.20 @ 12:10:00

## Tool Information

Drill Pipe:	Length: 4842.00 ft	Diameter: 3.80 inches	Volume: 67.92 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose:	72000.00 lb
			<u>Total Volume:</u>	Tool Chased	5.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	5038.00 ft			Final	71000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	76.00 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			5005.00	
Shut In Tool	5.00			5010.00	
Sampler	2.00			5012.00	
Hydraulic tool	5.00			5017.00	
Jars	5.00			5022.00	
EM Tool	4.00			5026.00	
Safety Joint	3.00			5029.00	
Packer	5.00			5034.00	34.00 Bottom Of Top Packer
Packer	4.00			5038.00	
Stubb	1.00			5039.00	
Recorder	0.00	8353	Inside	5039.00	
Recorder	0.00	8676	Outside	5039.00	
Perforations	38.00			5077.00	
Bullnose	3.00			5080.00	42.00 Bottom Packers & Anchor

**Total Tool Length: 76.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 69705

**DST#: 1**

ATTN: Randy Say

Test Start: 2023.05.20 @ 12:10:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36.6 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 200.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	VSWGM 50%G 45%M 5%W ( less than 1% o	0.894
106.00	SWMG 60%G 38%M 2%W	1.487
315.00	CO 100%O	4.419
0.00	GIP 1532'	0.000

Total Length: 601.00 ft

Total Volume: 6.800 bbl

Num Fluid Samples: 0

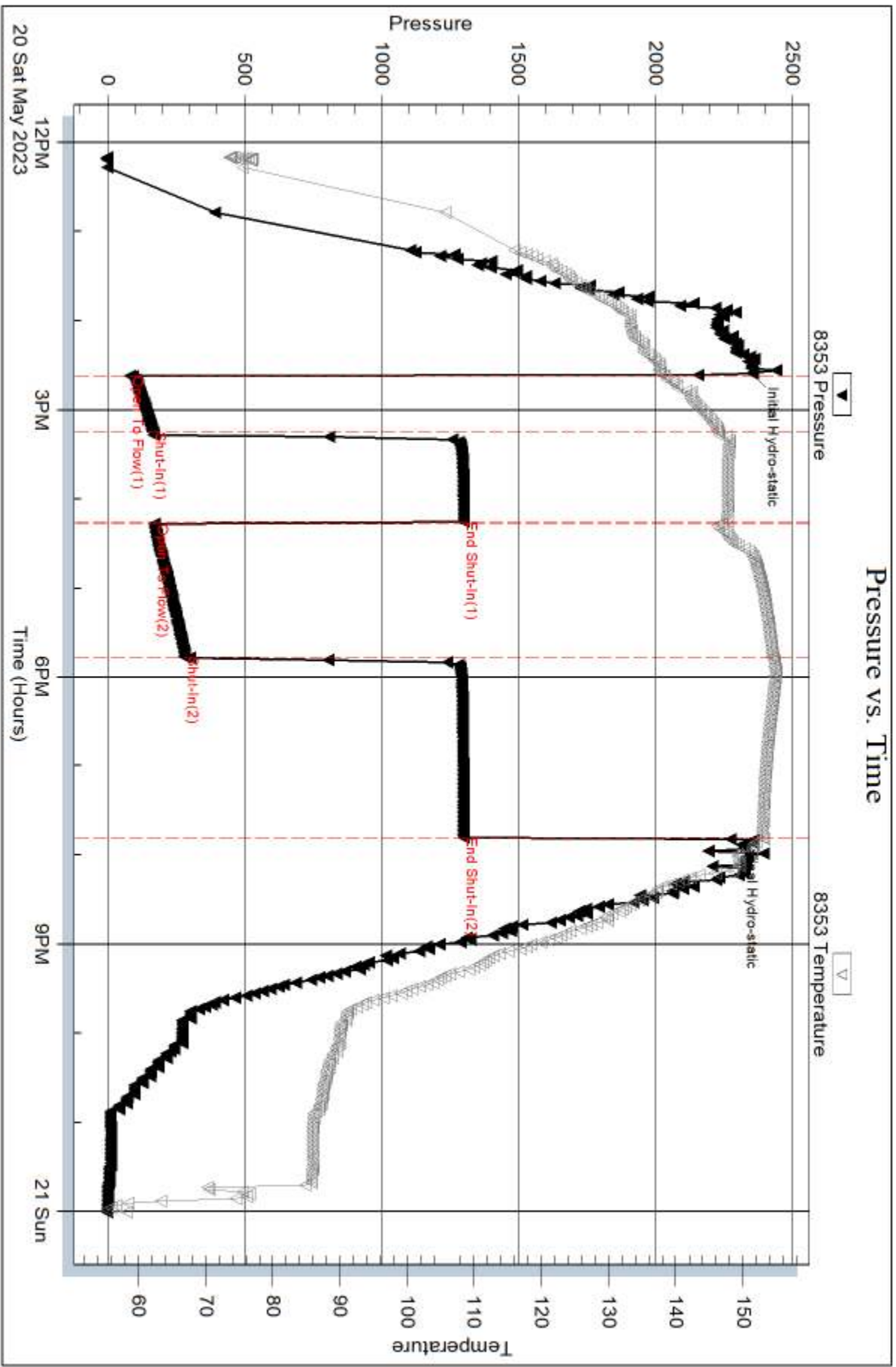
Num Gas Bombs: 0

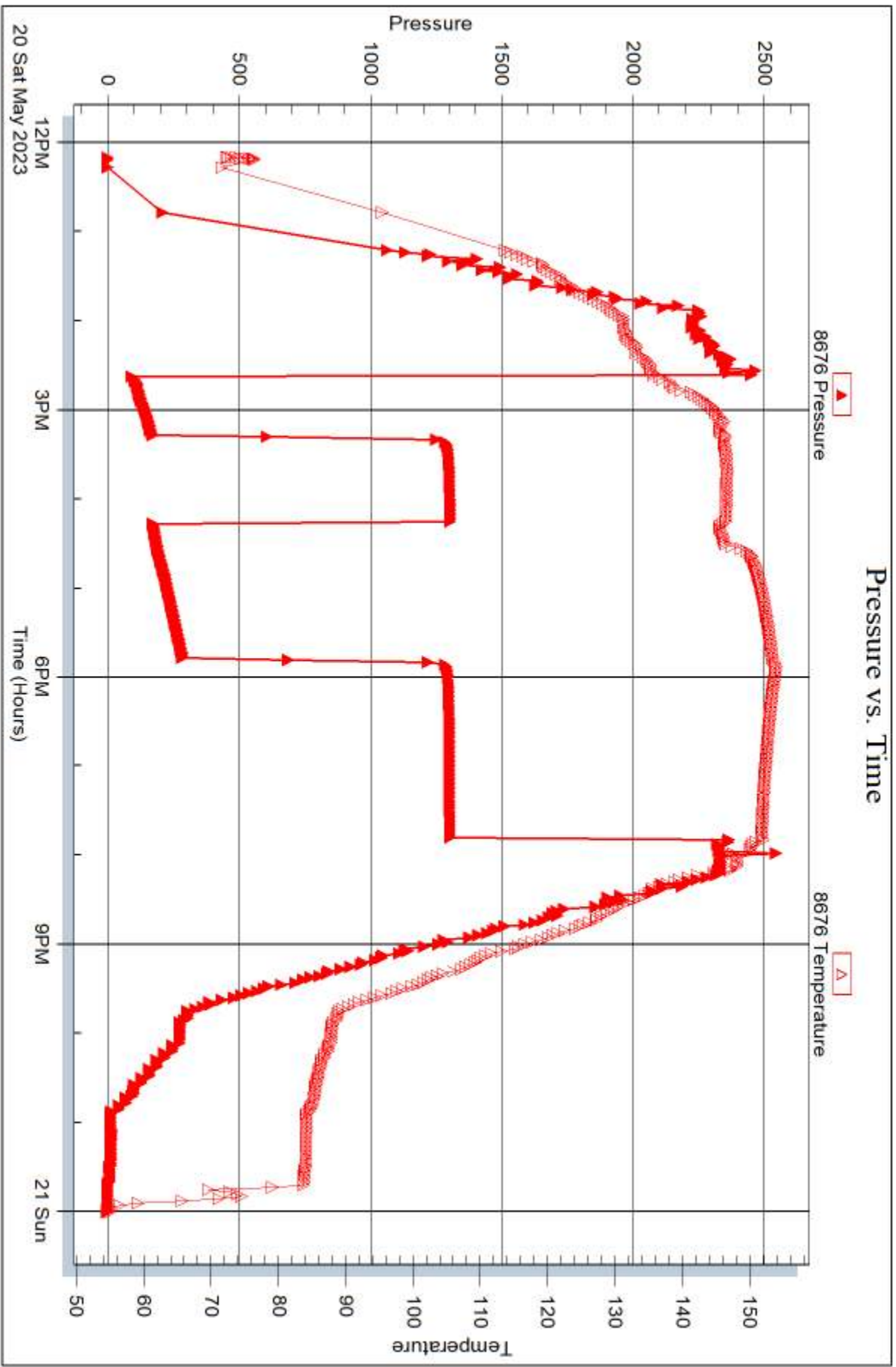
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Navex Resources LLC**

1020 E Levee Street STE 130  
Dallas, TX 75207

ATTN: Randy Say

### **Pfaffly #1-12**

### **12-11S.-42W. Kit Carson,CO**

Start Date: 2023.05.23 @ 00:57:00

End Date: 2023.05.23 @ 10:44:30

Job Ticket #: 70224                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2023.05.31 @ 13:31:30



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 70224

**DST#: 2**

ATTN: Randy Say

Test Start: 2023.05.23 @ 00:57:00

## GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:52:00

Time Test Ended: 10:44:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

**Interval: 5390.00 ft (KB) To 5481.00 ft (KB) (TVD)**

Reference Elevations: 4478.00 ft (KB)

Total Depth: 5481.00 ft (KB) (TVD)

4467.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 8734 Outside**

Press@RunDepth: 165.09 psig @ 5391.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.05.23 End Date: 2023.05.23

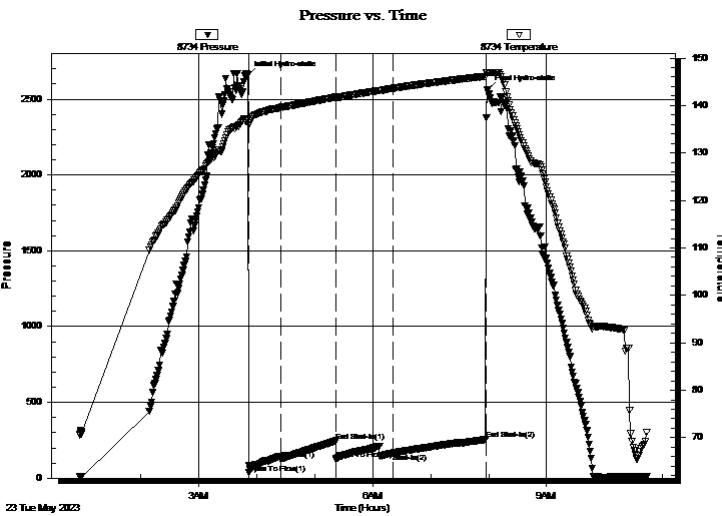
Last Calib.: 2023.05.23

Start Time: 00:57:01 End Time: 10:44:30

Time On Btm: 2023.05.23 @ 03:51:10

Time Off Btm: 2023.05.23 @ 07:59:00

**TEST COMMENT:** 30-IF-Blow built to 1 3/4" & decreased to 1/2"  
60-ISI-No return  
60-FF-Surface bubbles dead @ 9 mins plugging throughout test  
90-FSI-No return



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2657.53	136.96	Initial Hydro-static
1	34.99	135.89	Open To Flow (1)
34	123.36	139.51	Shut-In(1)
91	245.57	141.76	End Shut-In(1)
92	125.46	141.71	Open To Flow (2)
150	165.09	143.62	Shut-In(2)
246	255.79	146.16	End Shut-In(2)
248	2564.54	146.92	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Mud	0.02

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 70224

**DST#: 2**

ATTN: Randy Say

Test Start: 2023.05.23 @ 00:57:00

## Tool Information

Drill Pipe:	Length: 5185.00 ft	Diameter: 3.80 inches	Volume: 72.73 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	110000.0 lb
			<u>Total Volume: 73.62 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	5390.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	91.00 ft				
Tool Length:	126.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Pulled 34K over STWT coming off bottom  
Ruined Shale packer that was on bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5356.00	
Shut In Tool	5.00			5361.00	
Sampler	2.00			5363.00	
Hydraulic tool	5.00	1113		5368.00	
Jars	5.00	01-07		5373.00	
EM Tool	5.00			5378.00	
Safety Joint	3.00	-001		5381.00	
Packer	5.00			5386.00	35.00 Bottom Of Top Packer
Packer	4.00			5390.00	
Packer - Shale	0.00			5390.00	
Stubb	1.00			5391.00	
Recorder	0.00	8959	Inside	5391.00	
Recorder	0.00	8734	Outside	5391.00	
Perforations	20.00			5411.00	
Change Over Sub	1.00			5412.00	
Drill Pipe	63.00			5475.00	
Change Over Sub	1.00			5476.00	
Bullnose	5.00			5481.00	91.00 Bottom Packers & Anchor

**Total Tool Length: 126.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 70224

**DST#: 2**

ATTN: Randy Say

Test Start: 2023.05.23 @ 00:57:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 300.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

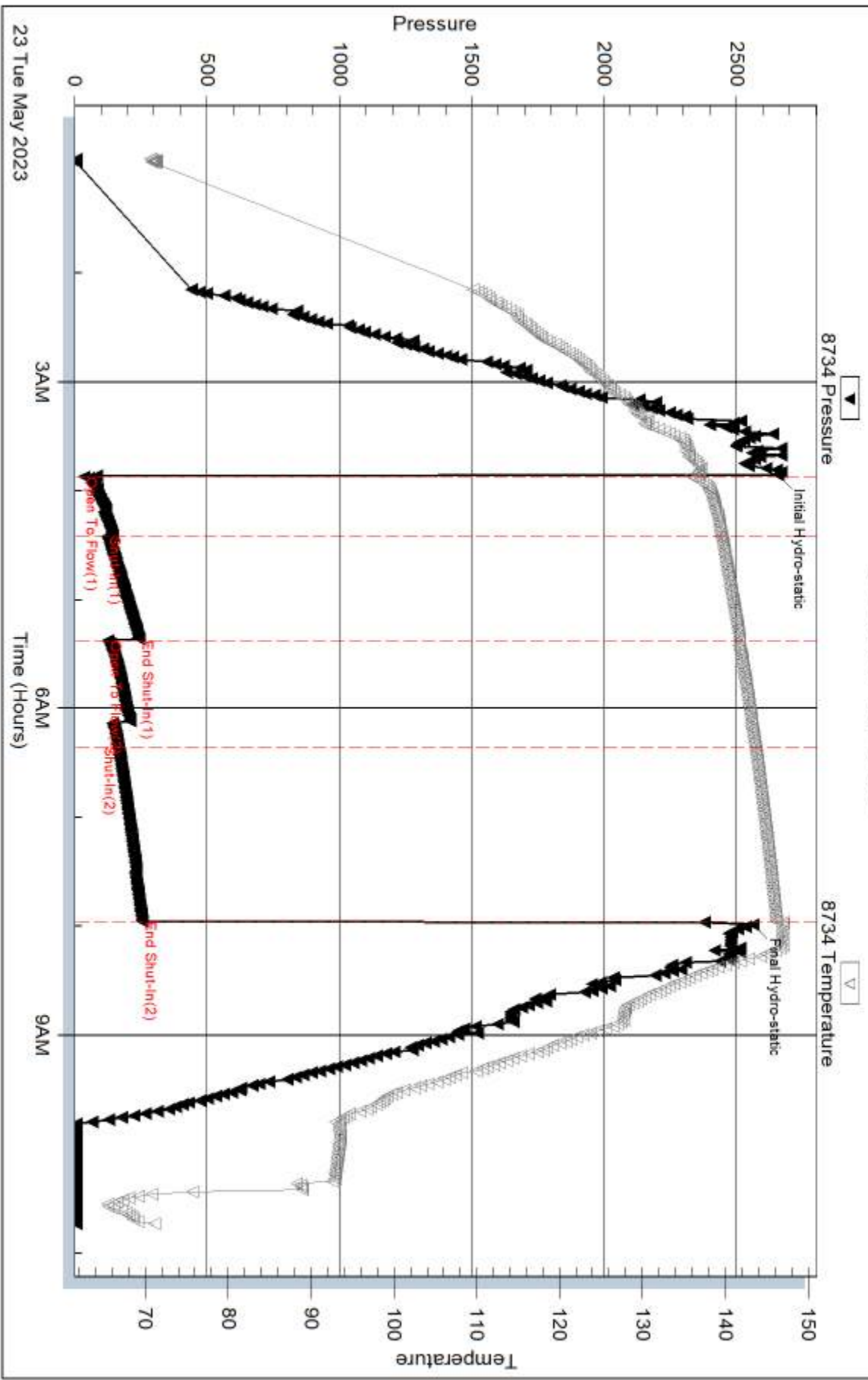
Serial #:

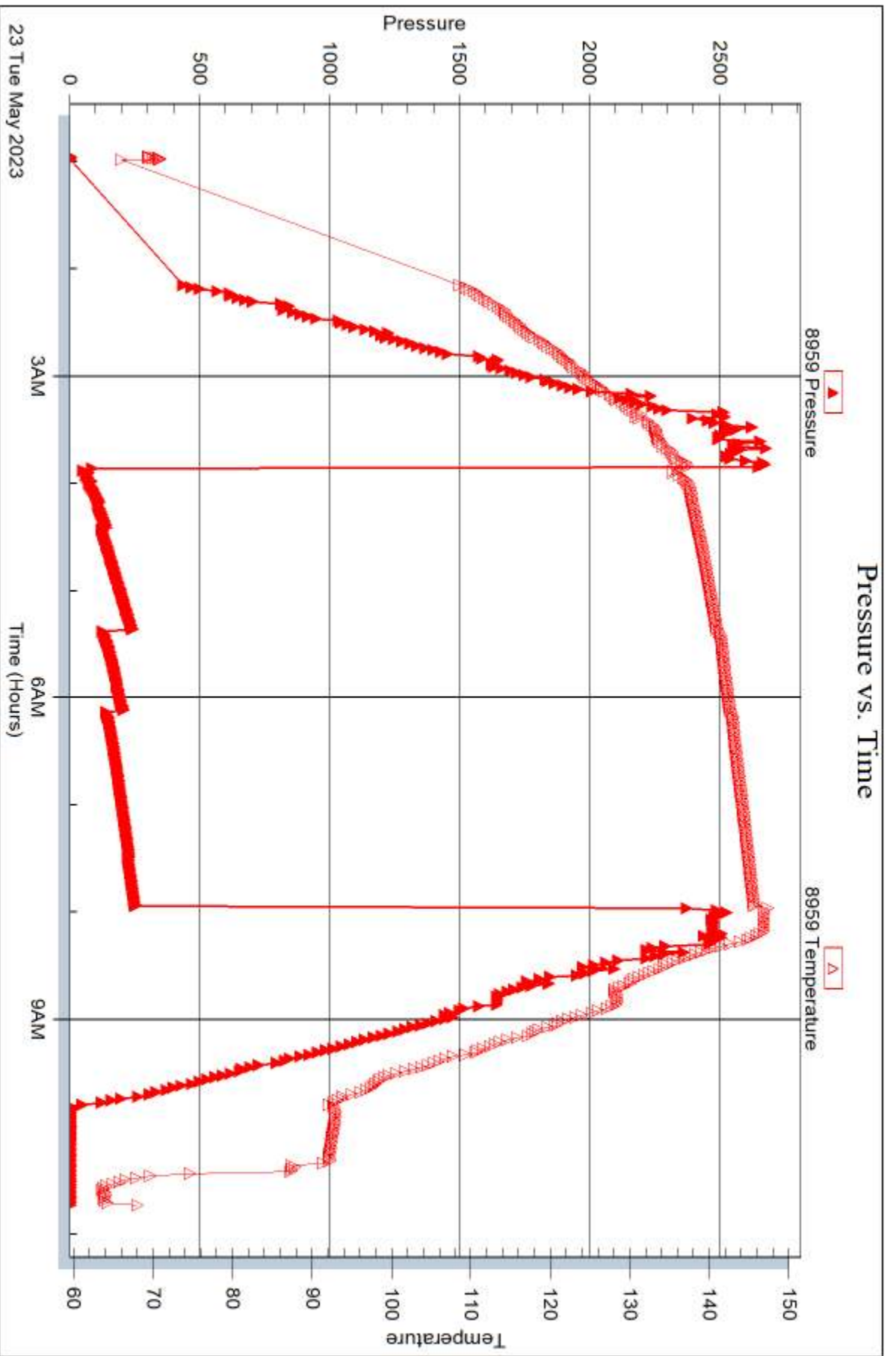
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Navex Resources LLC**

1020 E Levee Street STE 130  
Dallas, TX 75207

ATTN: Randy Say

### **Pfaffly #1-12**

#### **12-11S.-42W. Kit Carson,CO**

Start Date: 2023.05.26 @ 19:13:00

End Date: 2023.05.27 @ 01:59:06

Job Ticket #: 70392                      DST #: 3

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

Printed: 2023.05.31 @ 13:29:50



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 70392

**DST#: 3**

ATTN: Randy Say

Test Start: 2023.05.26 @ 19:13:00

## GENERAL INFORMATION:

Formation: **Reagan Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:17:36

Time Test Ended: 01:59:06

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

**Interval: 5949.00 ft (KB) To 6082.00 ft (KB) (TVD)**

Reference Elevations: 4478.00 ft (KB)

Total Depth: 6082.00 ft (KB) (TVD)

4467.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

**Serial #: 6771 Inside**

Press@RunDepth: psig @ 5950.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2023.05.26 End Date: 2023.05.27

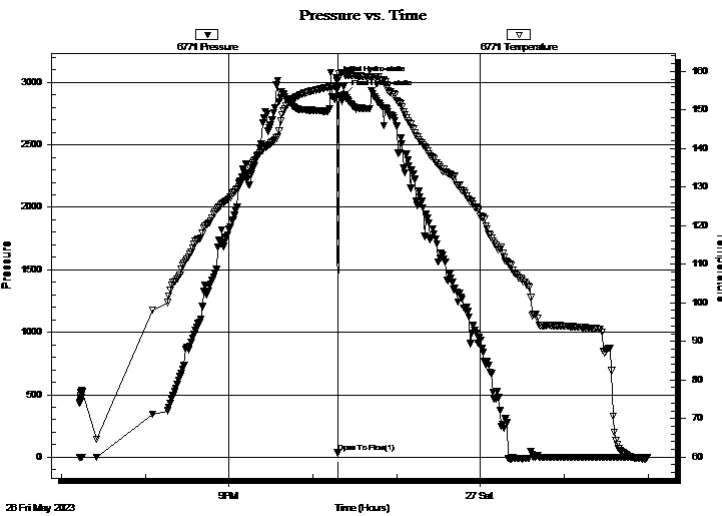
Last Calib.: 2023.05.27

Start Time: 19:13:01 End Time: 01:59:06

Time On Btm: 2023.05.26 @ 22:17:21

Time Off Btm: 2023.05.26 @ 22:22:36

**TEST COMMENT:** Packer not holding after a minute  
Reset tools - still not holding  
Pulled tools



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	3011.81	156.35	Initial Hydro-static
1	36.15	155.55	Open To Flow (1)
6	2898.49	159.26	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
361.00	Mud 100%	3.42

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 70392

**DST#: 3**

ATTN: Randy Say

Test Start: 2023.05.26 @ 19:13:00

## Tool Information

Drill Pipe:	Length: 5744.00 ft	Diameter: 3.80 inches	Volume: 80.57 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 181.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 81.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5949.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	133.00 ft			
Tool Length:	166.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5917.00	
Shut In Tool	5.00			5922.00	
Hydraulic tool	5.00			5927.00	
Jars	5.00			5932.00	
EM Tool	4.00			5936.00	
Safety Joint	3.00			5939.00	
Packer	5.00			5944.00	33.00 Bottom Of Top Packer
Packer	5.00			5949.00	
Stubb	1.00			5950.00	
Recorder	0.00	6771	Inside	5950.00	
Recorder	0.00	8367	Outside	5950.00	
Perforations	30.00			5980.00	
Blank Spacing	97.00			6077.00	
Perforations	2.00			6079.00	
Bullnose	3.00			6082.00	133.00 Bottom Packers & Anchor

**Total Tool Length: 166.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Navex Resources LLC

**12-11S.-42W. Kit Carson, CO**

1020 E Levee Street STE 130  
Dallas, TX 75207

**Pfaffly #1-12**

Job Ticket: 70392

**DST#: 3**

ATTN: Randy Say

Test Start: 2023.05.26 @ 19:13:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
361.00	Mud 100%	3.415

Total Length: 361.00 ft      Total Volume: 3.415 bbl

Num Fluid Samples: 0

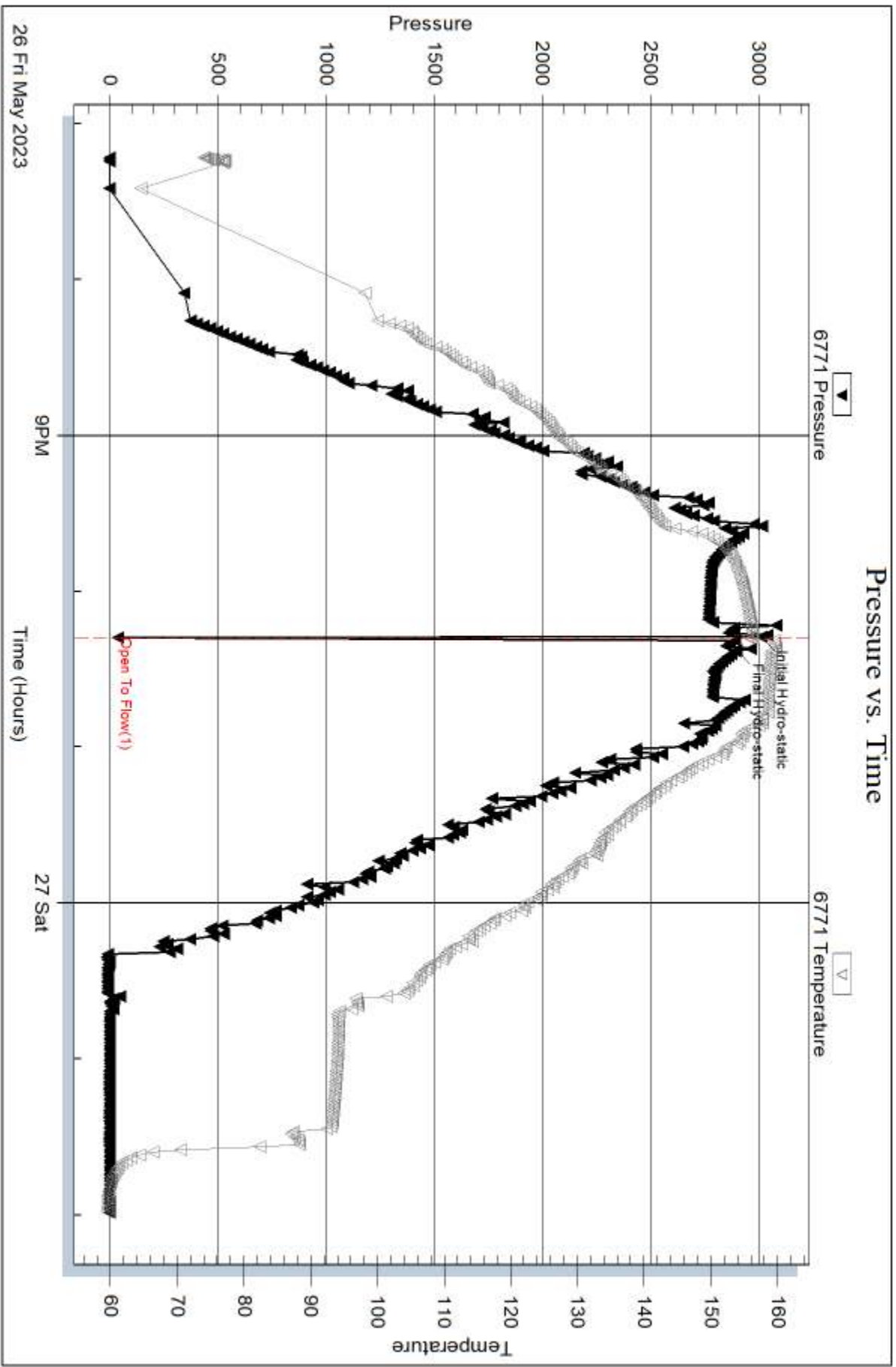
Num Gas Bombs: 0

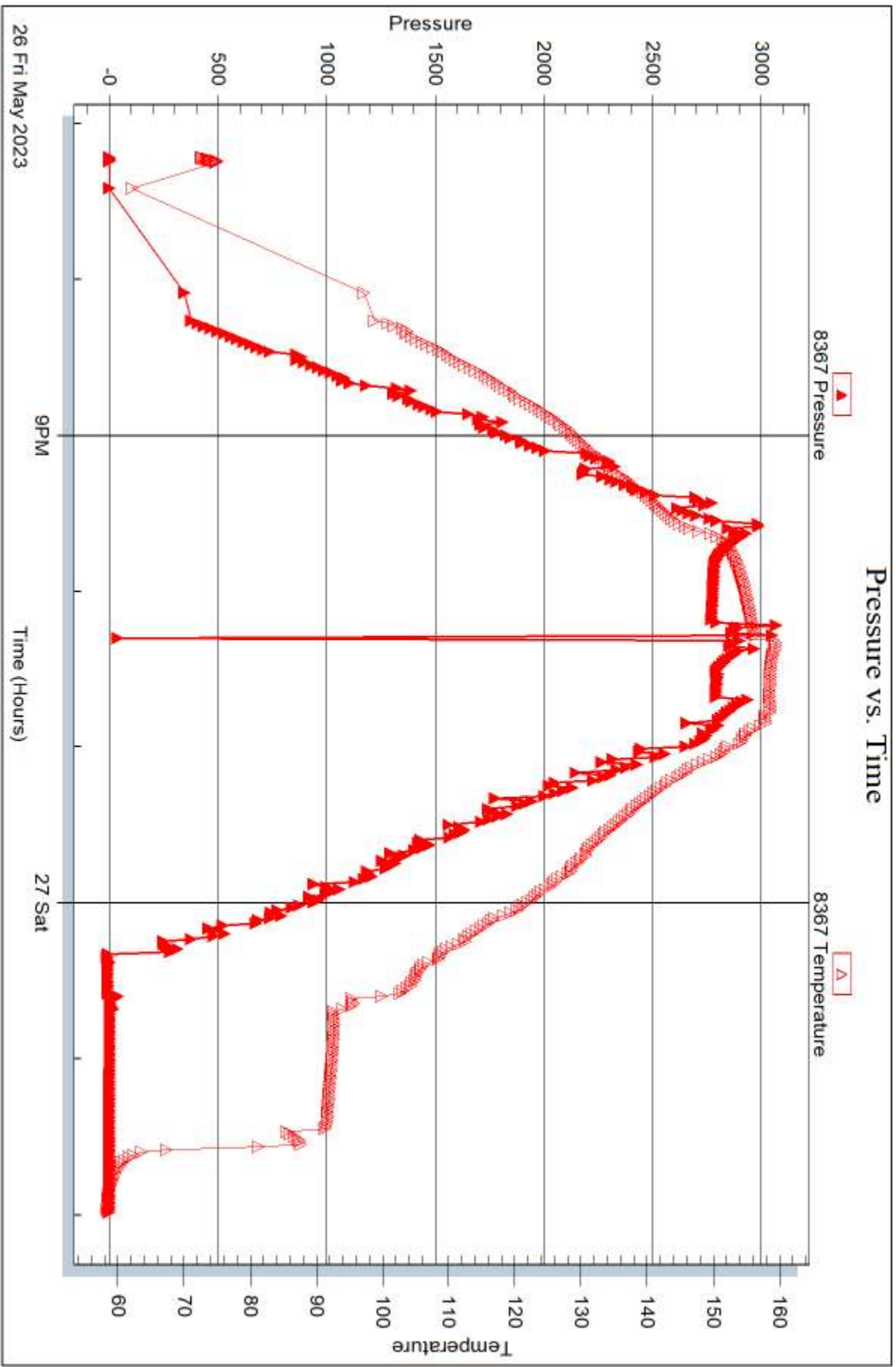
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 69705

Well Name & No. Praffly 1-12 Test No. 1 Date 05/20/23  
 Company Navex Resources LLC Elevation 4478 KB 4467 GL  
 Address 1020 E Levee Street, Suite 130 Dallas, TX 75207  
 Co. Rep / Geo. Randy Say Rig Duke #9  
 Location: Sec. 12 Twp 113 Rge. 46W Co. Kit Carson State CO

Interval Tested 5038-5080 Zone Tested Marmaton - Pawnee B  
 Anchor Length 42' Drill Pipe Run 4842 Mud Wt. 9.0  
 Top Packer Depth 5033 Drill Collars Run 180 Vls 62  
 Bottom Packer Depth 5038 Wt. Pipe Run \_\_\_\_\_ WL 6.8  
 Total Depth 5080 Chlorides 200 ppm System LCM 4#

Blow Description FF-Weak surface blow in 25min, BOB in 30min, Final is 29 1/2"

FF-Fair surface blow, built to 7 1/2" in 10min, Final is 9 1/2"

FF-Fair surface blow, BOB in 12min, Final is 53 3/4"

FF-Fair surface blow, BOB in 10min, Final is 44 3/4"

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>VSWM (oil less than 1%)</u>	<u>50</u>	<u>5</u>	<u>45</u>	<u></u>
<u>315</u>	<u>CO</u>	<u>100</u>	<u></u>	<u></u>	<u></u>
<u>106</u>	<u>SWMG</u>	<u>60</u>	<u>2</u>	<u>38</u>	<u></u>
<u></u>	<u>GIF 1532</u>	<u>100</u>	<u></u>	<u></u>	<u></u>

Rec Total 601 BHT 152 Gravity 36@60 API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2354  Test 2450 T-On Location 09:00 (Hotel)  
 (B) First Initial Flow 82  Jars 300 T-Started 12:10  
 (C) First Final Flow 165  Safety Joint \_\_\_\_\_ T-Open 14:36  
 (D) Initial Shut-In 1302  Circ Sub \_\_\_\_\_ T-Pulled 19:50  
 (E) Second Initial Flow 171  Hourly Standby 266mi 465.50 54mi 94.50 T-Out 23:45  
 (F) Second Final Flow 281  Mileage 292 RT Comments Picked up tools @ 14:18 on 05/22/23  
 (G) Final Shut-In 1300  Sampler 300  
 (H) Final Hydrostatic 2275  Straddle \_\_\_\_\_  EM Tool -350

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 60  Extra Packer \_\_\_\_\_  Ruined Packer X2 460  
 Final Flow 90  Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Shut-In 120  Day Standby 1d 14.5h Sub Total 800 + 460 -350  
 Accessibility \_\_\_\_\_ Total 4520  
 Sub Total 3610 MB/DST Diso't \_\_\_\_\_

Approved By \_\_\_\_\_ Our Representative [Signature]

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. 70224

Well Name & No. Pfaffly #1-12 Test No. 2 Date 5-22-23  
 Company Navex Resources LLC Elevation 4478 KB 4467 GL  
 Address 1020 E Levee Street STE 130 Dallas, Tx 75207  
 Co. Rep / Geo Randy Say Rig Duke # 9  
 Location: Sec. 12 Twp 11S. Rge. 42W. Co. Kit Carson State CO

Interval Tested 5390 - 5481 Zone Tested Morrow  
 Anchor Length 91' Drill Pipe Run 5185 Mud Wt. 9.1  
 Top Packer Depth 5385 Drill Collars Run 180 Vis SS  
 Bottom Packer Depth 5390 (Shale) Wt. Pipe Run — WL 6.4  
 Total Depth 5481 Chlorides 300 ppm System LCM 4#

Blow Description IF: Blow built to 1 3/4" & decreased to 1/2"  
ISI: No return.  
FF: Surface bubbles dead @ 9 mins.  
FSI: No return

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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 147 Gravity — API RW — @ — °F Chlorides — ppm  
 Initial Hydrostatic 2658  Test 2450  Ruined Shale Packer 550  
 Initial Flow 35 to 123  Jars 300  Ruined Packer —  
 Initial Shut-In 246  Circ Sub —  Hotel —  
 Final Flow 125 to 165  Hourly Standby 465.50 + 94.50  EM Tool Successful —  
 Final Shut-In 256  Mileage 292 F/Oberlin  Accessibility —  
52 R300/Motzi  Gas Sample —  
 Final Hydrostatic 2565  Sampler —  Sub Total 550  
 T-On Location 23:30  Straddle —  Total 4410  
 Initial Flow 30 T-Started 00:57  Shale Packer 250  Tool Loaded 5:24 @ 12:00  
 Initial Shut-In 60 T-Open 03:51  Extra Packer —  MP/DST Disc't —  
 Final Flow 60 T-Pulled 07:51  Extra Recorder —  
 Final Shut-In 90 T-Out 10:45  Day Standby —

Comments Pulled 34K acc STWT coming off bottom.  
Ruined shale packer that was on bottom.  
Low pressure plugging throughout test.

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

## FLUID SAMPLER DATA

Ticket No. 70224 Date 5-22-23

Company Name Novex Resources LLC

Lease Pfaffly #1-12 Test No. #2

County Kit Carson Sec. 12 Twp. 11S. Rng. 42W

### SAMPLER RECOVERY

Gas — ML

Oil — ML

Mud 500 ML

Water — ML

Other — ML

Pressure 5 psi ML

Total 500 ML

### PIT MUD ANALYSIS

Chlorides 300 ppm.

Resistivity — ohms @ — F

Viscosity 55

Mud Weight 9.1

Filtrate 6.4

Other 4# LCM.

### SAMPLER ANALYSIS

Resistivity — ohms @ — F

Chlorides — ppm.

Gravity — corrected @60F

### PIPE RECOVERY

**TOP**

Resistivity — ohms @ — F

Chlorides — ppm.

**MIDDLE**

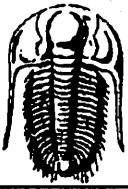
Resistivity — ohms @ — F

Chlorides — ppm.

**BOTTOM**

Resistivity — ohms @ — F

Chlorides — ppm.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 70392

Well Name & No. Pfa Fly #1-12 Test No. 3 Date 5-26-23  
 Company Navex Resources LLC Elevation 4478 KB 4467 GL  
 Address 1020 E Levee St STE 130 Dallas, TX 75207  
 Co. Rep / Geo Randy Say Rig Duke #9  
 Location: Sec. 12 Twp 11s Rge. 42 Co. Kit Carson State CO

Interval Tested 5949-6082 Zone Tested Reagan Sand  
 Anchor Length 133 Drill Pipe Run 5744 Mud Wt. 9.2  
 Top Packer Depth 5944 Drill Collars Run 181 Vis 57  
 Bottom Packer Depth 5949 Wt. Pipe Run - WL 7.2  
 Total Depth 6082 Chlorides 500 ppm System LCM 5  
 Blow Description Packer not holding after a minute  
Reset tool - still not holding  
Pulled tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>361</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	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 361 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm  
 Initial Hydrostatic 3012  Test 2250  Ruined Shale Packer \_\_\_\_\_  
 Initial Flow 36 to lost packer seat  Jars 300  Ruined Packer Both bottom half missing  
 Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_  Hotel \_\_\_\_\_  
 Final Flow \_\_\_\_\_ to \_\_\_\_\_  Hourly Standby 465.50 + 147  EM Tool Successful \_\_\_\_\_  
 Final Shut-In \_\_\_\_\_  Mileage 296 RT + 84 mi  Accessibility \_\_\_\_\_  
 Final Hydrostatic 2898  Sampler 300  Gas Sample \_\_\_\_\_  
 T-On Location 17:30 5/26  Straddle \_\_\_\_\_  Sub Total -350  
 Initial Flow 42 T-Started 19:13  Shale Packer \_\_\_\_\_  Total 3112.50  
 Initial Shut-In - T-Open 22:17  Extra Packer \_\_\_\_\_  Tool Loaded \_\_\_\_\_ @ \_\_\_\_\_  
 Final Flow - T-Pulled 22:22  Extra Recorder \_\_\_\_\_  MP/DST Disc't \_\_\_\_\_  
 Final Shut-In - T-Out 2:00 5/27  Day Standby \_\_\_\_\_  
 Comments Called out then turned back around to wait for loggers

Approved By \_\_\_\_\_ Our Representative James Walker

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