



## DRILL STEM TEST REPORT

Prepared For: **Pollok Energy**

PO Box 106  
Purcell, OK 73870

ATTN: Bill Busch

### **Schmitt #1**

#### **26-22S-25W Hodgeman,KS**

Start Date: 2017.04.22 @ 19:07:25

End Date: 2017.04.22 @ 21:15:10

Job Ticket #: 59937                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.04.25 @ 08:43:31



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pollok Energy  
 PO Box 106  
 Purcell, OK 73870  
 ATTN: Bill Busch

**26-22S-25W Hodgeman, KS**

**Schmitt #1**

Job Ticket: 59937

**DST#: 1**

Test Start: 2017.04.22 @ 19:07:25

## GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 21:15:10

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

**Interval: 4636.00 ft (KB) To 4673.00 ft (KB) (TVD)**

Reference Elevations: 2536.00 ft (KB)

Total Depth: 4673.00 ft (KB) (TVD)

2523.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 13.00 ft

**Serial #: 8159**

**Inside**

Press@RunDepth: psig @ 4637.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.04.22

End Date:

2017.04.22

Last Calib.:

2017.04.22

Start Time:

19:07:26

End Time:

21:15:10

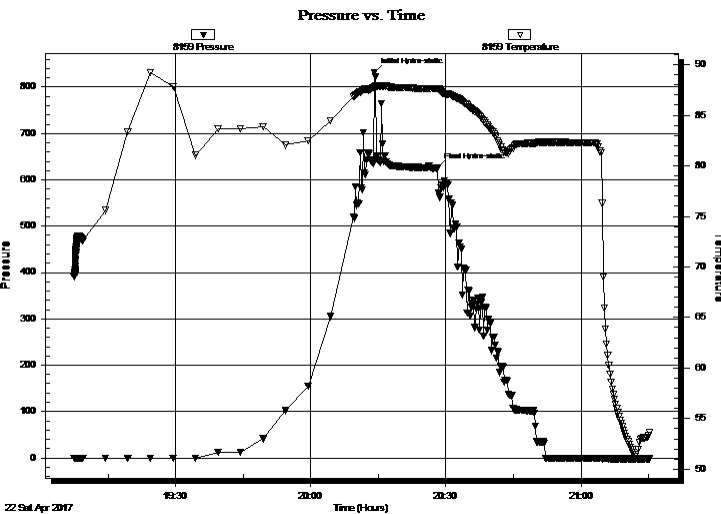
Time On Btm:

2017.04.22 @ 20:14:10

Time Off Btm:

2017.04.22 @ 20:28:10

**TEST COMMENT:** Hit Bridge Approx 1700 feet in, Could Not Get Through, Pulled Tool



## PRESSURE SUMMARY

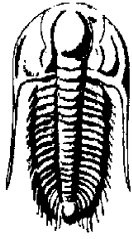
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	831.74	87.85	Initial Hydro-static
14	625.21	87.60	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pollok Energy  
 PO Box 106  
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 ATTN: Bill Busch

**26-22S-25W Hodgeman, KS**

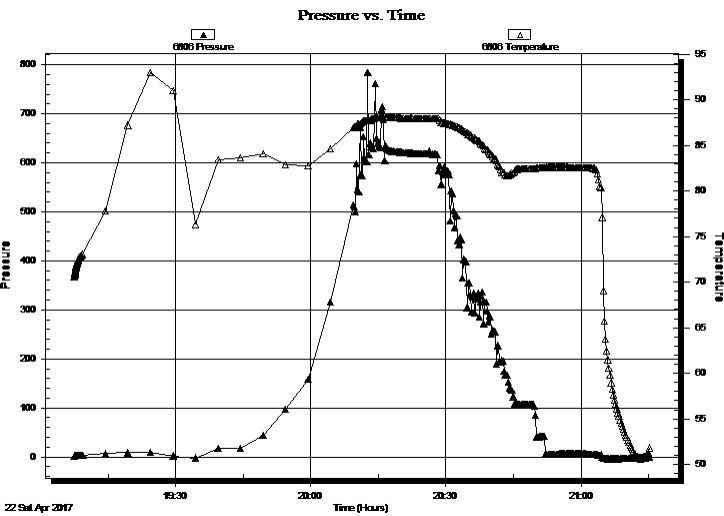
**Schmitt #1**  
 Job Ticket: 59937      **DST#: 1**  
 Test Start: 2017.04.22 @ 19:07:25

**GENERAL INFORMATION:**

Formation: **Mississippi**  
 Deviated: No      Whipstock:      ft (KB)      Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 00:00:00      Tester: Leal Cason  
 Time Test Ended: 21:15:10      Unit No: 74  
**Interval: 4636.00 ft (KB) To 4673.00 ft (KB) (TVD)**      Reference Elevations: 2536.00 ft (KB)  
 Total Depth: 4673.00 ft (KB) (TVD)      2523.00 ft (CF)  
 Hole Diameter: 7.88 inches      Hole Condition: Good      KB to GR/CF: 13.00 ft

**Serial #: 6806      Outside**  
 Press@RunDepth:      psig @ 4637.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2017.04.22      End Date: 2017.04.22      Last Calib.: 2017.04.22  
 Start Time: 19:07:26      End Time: 21:15:10      Time On Btm:  
    Time Off Btm:

TEST COMMENT: Hit Bridge Approx 1700 feet in, Could Not Get Through, Pulled Tool



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Pollok Energy  
PO Box 106  
Purcell, OK 73870  
ATTN: Bill Busch

**26-22S-25W Hodgeman,KS**

**Schmitt #1**

Job Ticket: 59937

**DST#: 1**

Test Start: 2017.04.22 @ 19:07:25

## Tool Information

Drill Pipe:	Length: 4441.00 ft	Diameter: 3.80 inches	Volume: 62.30 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:	lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 63.20 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	lb
Depth to Top Packer:	4636.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	37.00 ft				
Tool Length:	63.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Hit Bridge, Pulled Tool

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4615.00	
Hydraulic tool	5.00			4620.00	
Jars	5.00			4625.00	
Safety Joint	2.00			4627.00	
Packer	5.00			4632.00	26.00 Bottom Of Top Packer
Packer	4.00			4636.00	
Stubb	1.00			4637.00	
Recorder	0.00	8159	Inside	4637.00	
Recorder	0.00	6806	Outside	4637.00	
Perforations	33.00			4670.00	
Bullnose	3.00			4673.00	37.00 Bottom Packers & Anchor

**Total Tool Length: 63.00**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Pollok Energy  
PO Box 106  
Purcell, OK 73870  
ATTN: Bill Busch

**26-22S-25W Hodgeman,KS**  
**Schmitt #1**  
Job Ticket: 59937      **DST#: 1**  
Test Start: 2017.04.22 @ 19:07:25

**Mud and Cushion Information**

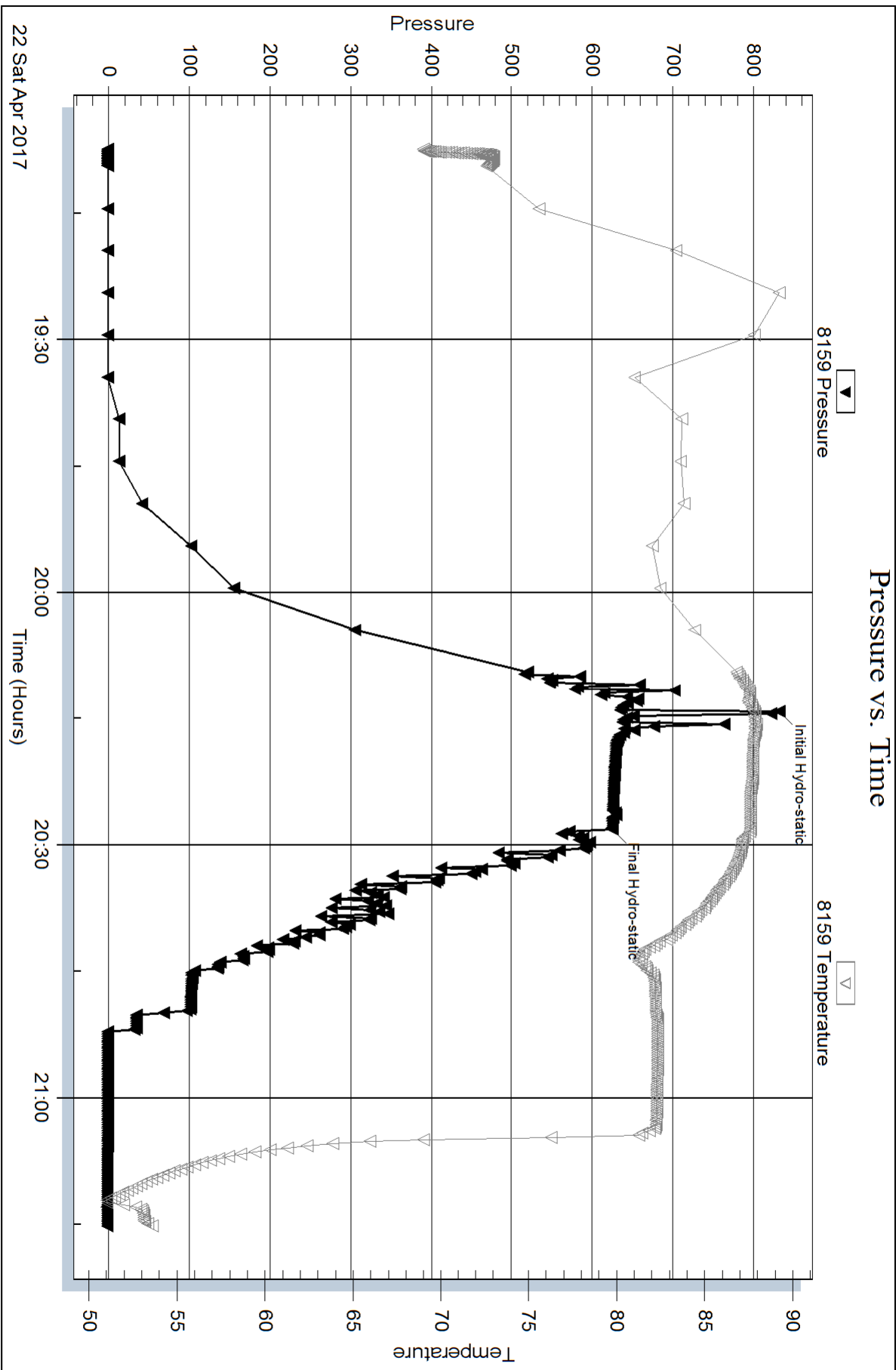
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

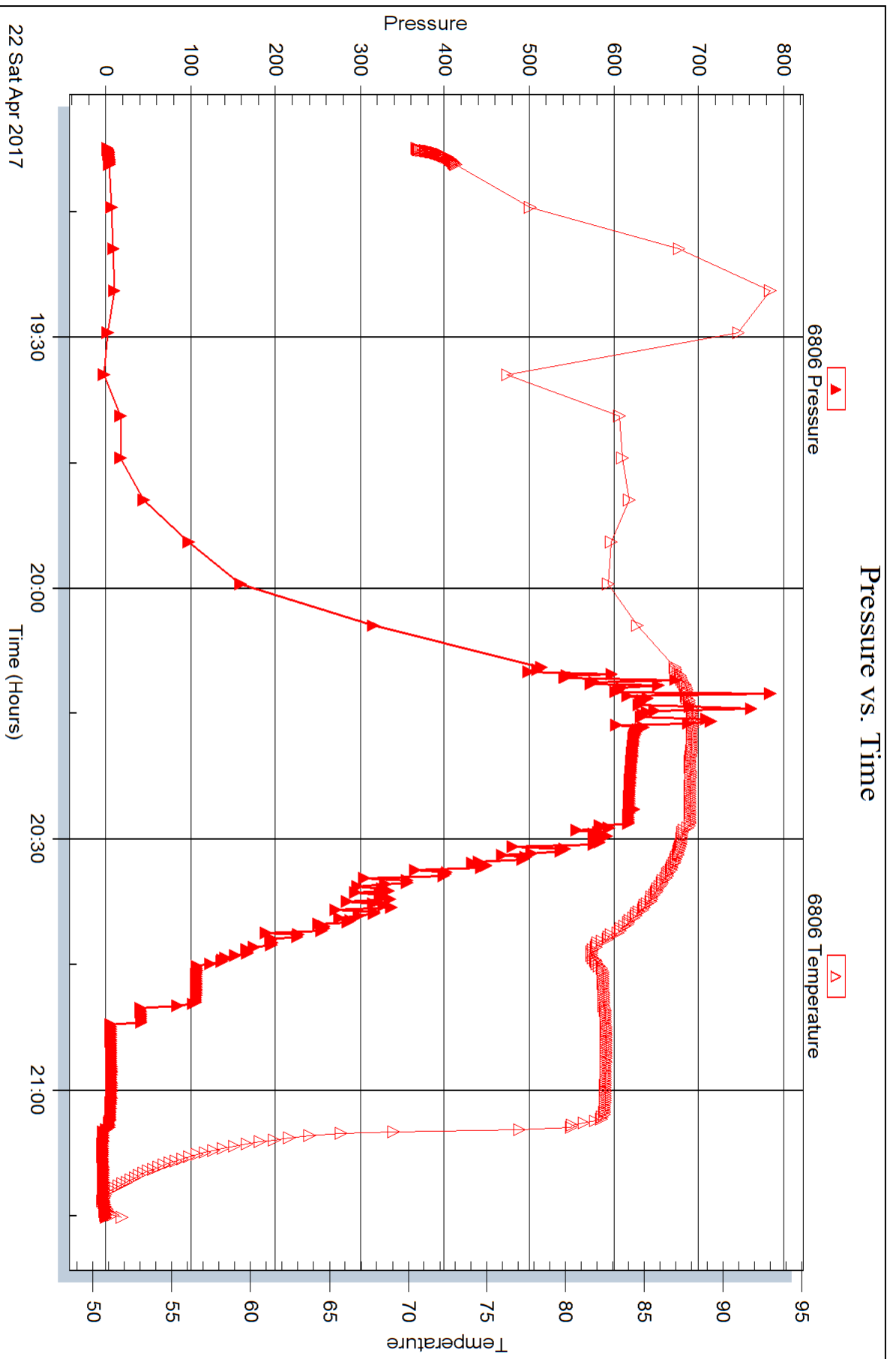
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl

Total Length:                      ft      Total Volume:                      bbl  
Num Fluid Samples: 0                      Num Gas Bombs:      0                      Serial #:  
Laboratory Name:                      Laboratory Location:  
Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Pollok Energy**

PO Box 106  
Purcell, OK 73870

ATTN: Bill Busch

### **Schmitt #1**

#### **26-22S-25W Hodgeman,KS**

Start Date: 2017.04.23 @ 03:05:36

End Date: 2017.04.23 @ 11:10:51

Job Ticket #: 59938                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2017.04.25 @ 08:40:18





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pollok Energy  
 PO Box 106  
 Purcell, OK 73870  
 ATTN: Bill Busch

**26-22S-25W Hodgeman, KS**

**Schmitt #1**

Job Ticket: 59938

**DST#: 2**

Test Start: 2017.04.23 @ 03:05:36

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:12:06  
 Time Test Ended: 11:10:51  
 Interval: **4636.00 ft (KB) To 4673.00 ft (KB) (TVD)**  
 Total Depth: 4673.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Leal Cason  
 Unit No: 74  
 Reference Elevations: 2536.00 ft (KB)  
 2523.00 ft (CF)  
 KB to GR/CF: 13.00 ft

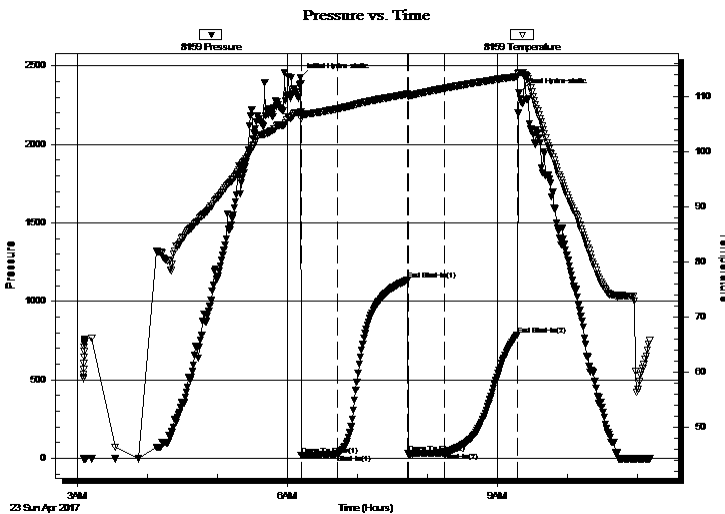
**Serial #: 8159**

**Inside**

Press@RunDepth: 38.21 psig @ 4637.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.04.23 End Date: 2017.04.23 Last Calib.: 2017.04.23  
 Start Time: 03:05:37 End Time: 11:10:51 Time On Btm: 2017.04.23 @ 06:11:21  
 Time Off Btm: 2017.04.23 @ 09:18:51

TEST COMMENT: IF: Weak Surface Blow  
 IS: No Blow Back  
 FF: No Blow  
 FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2422.88	107.27	Initial Hydro-static
1	18.28	106.03	Open To Flow (1)
32	29.34	107.81	Shut-In(1)
92	1134.94	110.46	End Shut-In(1)
93	30.65	110.06	Open To Flow (2)
124	38.21	111.53	Shut-In(2)
187	786.13	113.65	End Shut-In(2)
188	2329.55	114.37	Final Hydro-static

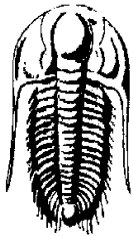
## Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 4%O 96%M	0.02

\* Recovery from multiple tests

## Gas Rates

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



# TRILOBITE TESTING, INC.

## DRILL STEM TEST REPORT

Pollok Energy  
 PO Box 106  
 Purcell, OK 73870  
 ATTN: Bill Busch

**26-22S-25W Hodgeman, KS**

**Schmitt #1**

Job Ticket: 59938 **DST#: 2**

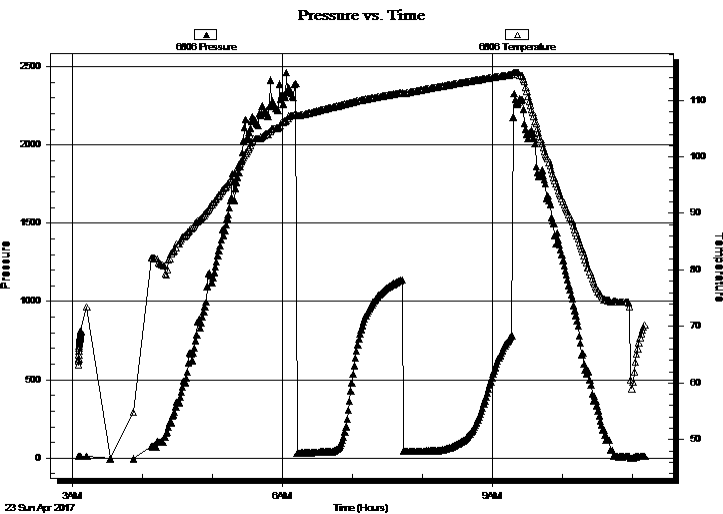
Test Start: 2017.04.23 @ 03:05:36

### GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 06:12:06 Tester: Leal Cason  
 Time Test Ended: 11:10:51 Unit No: 74  
**Interval: 4636.00 ft (KB) To 4673.00 ft (KB) (TVD)** Reference Elevations: 2536.00 ft (KB)  
 Total Depth: 4673.00 ft (KB) (TVD) 2523.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

**Serial #: 6806 Outside**  
 Press@RunDepth: psig @ 4637.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.04.23 End Date: 2017.04.23 Last Calib.: 2017.04.23  
 Start Time: 03:05:37 End Time: 11:10:51 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: Weak Surface Blow  
 IS: No Blow Back  
 FF: No Blow  
 FS: No Blow Back



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 4%O 96%M	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**

Pollok Energy  
PO Box 106  
Purcell, OK 73870  
ATTN: Bill Busch

**26-22S-25W Hodgeman,KS**

**Schmitt #1**

Job Ticket: 59938

**DST#: 2**

Test Start: 2017.04.23 @ 03:05:36

## Tool Information

Drill Pipe:	Length: 4441.00 ft	Diameter: 3.80 inches	Volume: 62.30 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: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 63.20 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4636.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4615.00	
Hydraulic tool	5.00			4620.00	
Jars	5.00			4625.00	
Safety Joint	2.00			4627.00	
Packer	5.00			4632.00	26.00 Bottom Of Top Packer
Packer	4.00			4636.00	
Stubb	1.00			4637.00	
Recorder	0.00	8159	Inside	4637.00	
Recorder	0.00	6806	Outside	4637.00	
Perforations	33.00			4670.00	
Bullnose	3.00			4673.00	37.00 Bottom Packers & Anchor

**Total Tool Length: 63.00**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Pollok Energy  
PO Box 106  
Purcell, OK 73870  
ATTN: Bill Busch

**26-22S-25W Hodgeman,KS**  
**Schmitt #1**  
Job Ticket: 59938      **DST#: 2**  
Test Start: 2017.04.23 @ 03:05:36

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 0.02 inches			

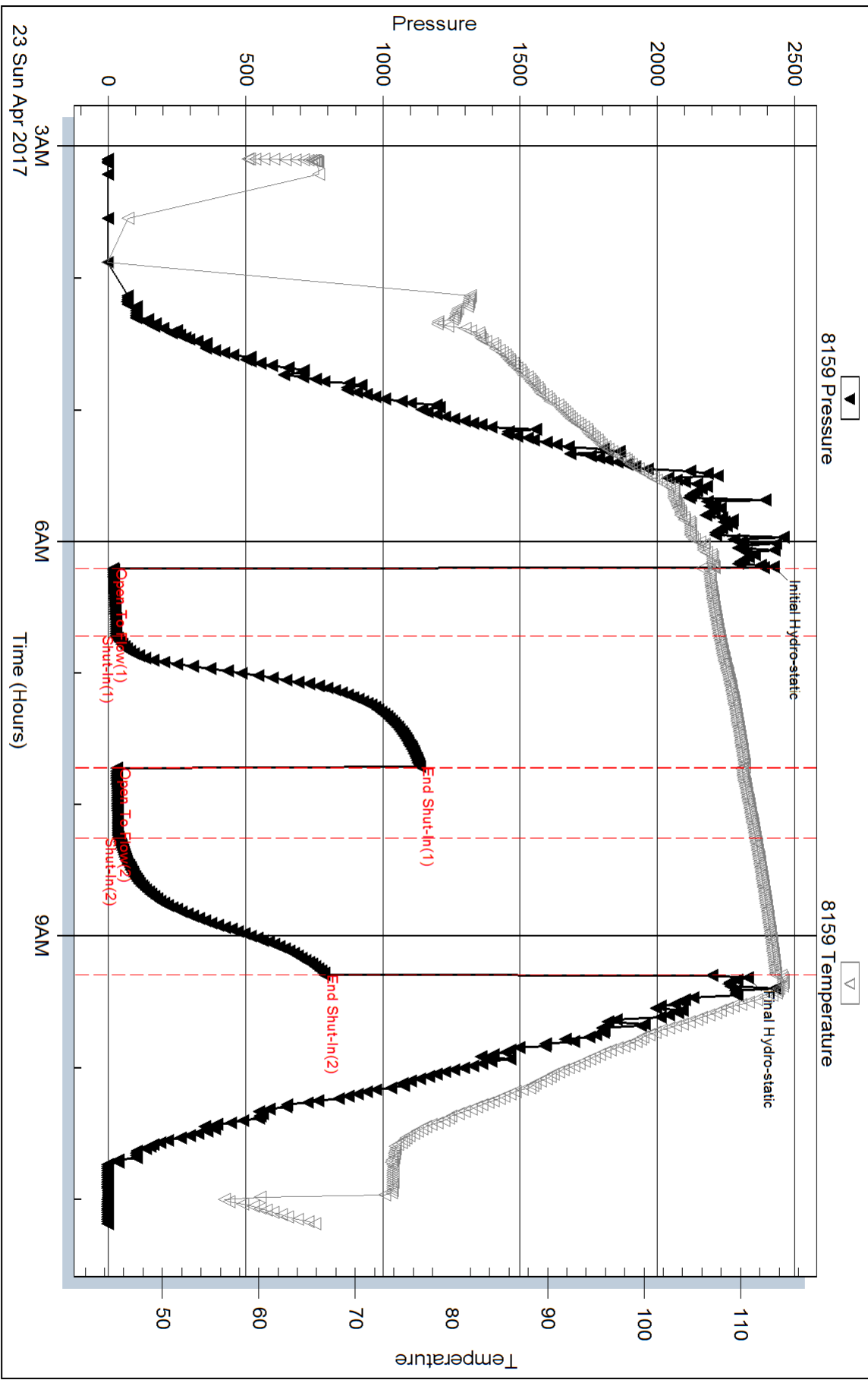
**Recovery Information**

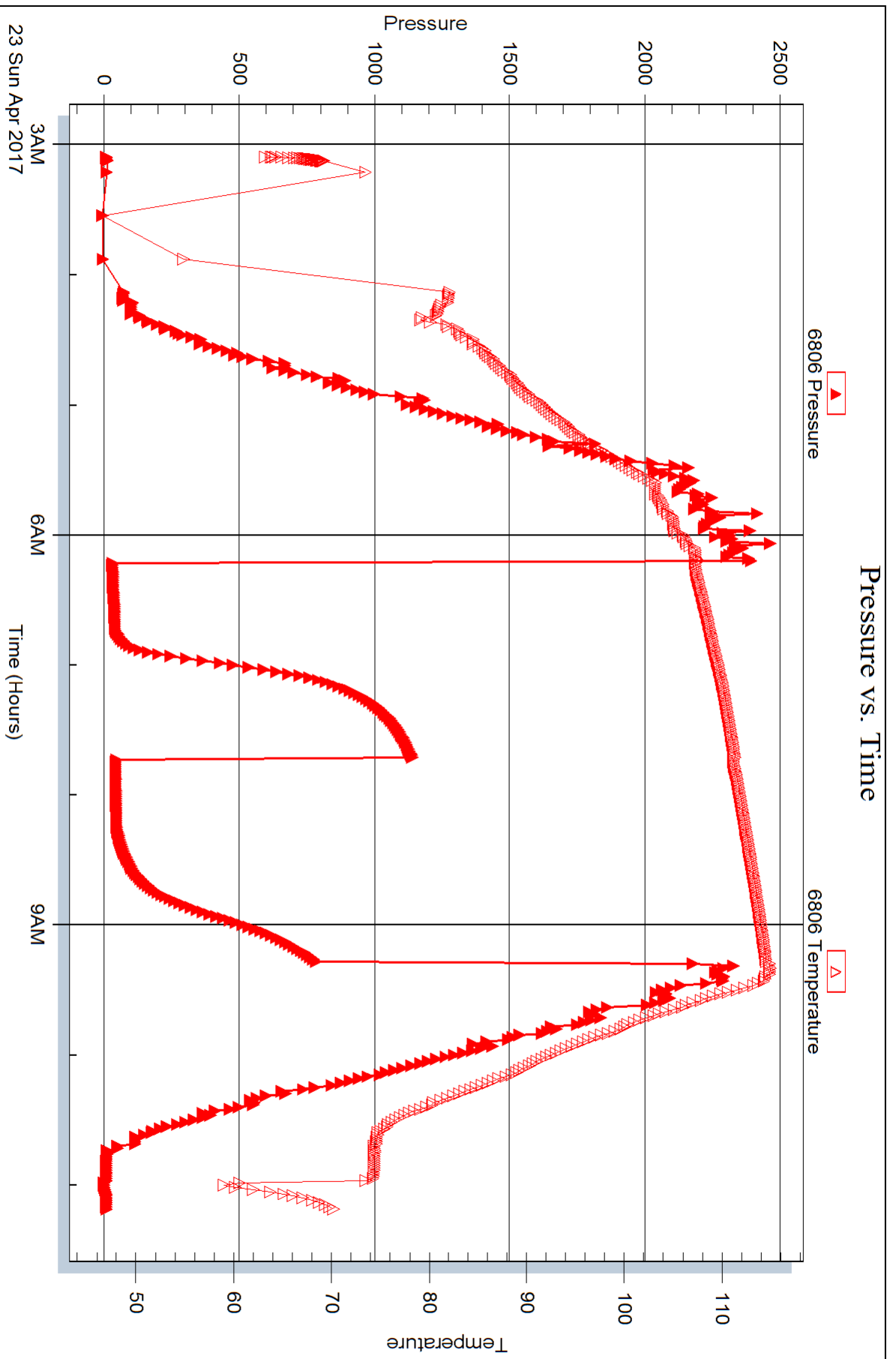
Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM 4%O 96%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:

### Pressure vs. Time







## DRILL STEM TEST REPORT

Prepared For: **Pollok Energy**

PO Box 106  
Purcell, OK 73870

ATTN: Bill Busch

### **Schmitt #1**

#### **26-22S-25W Hodgeman,KS**

Start Date: 2017.04.23 @ 17:24:00

End Date: 2017.04.24 @ 00:34:00

Job Ticket #: 59939                      DST #: 3

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

Printed: 2017.04.25 @ 08:37:17



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pollok Energy  
 PO Box 106  
 Purcell, OK 73870  
 ATTN: Bill Busch

**26-22S-25W Hodgeman, KS**

**Schmitt #1**

Job Ticket: 59939

**DST#: 3**

Test Start: 2017.04.23 @ 17:24:00

## GENERAL INFORMATION:

Formation: **Mississippi**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 19:12:30 Tester: Leal Cason  
 Time Test Ended: 00:34:00 Unit No: 74  
 Interval: **4636.00 ft (KB) To 4683.00 ft (KB) (TVD)** Reference Elevations: 2536.00 ft (KB)  
 Total Depth: 4683.00 ft (KB) (TVD) 2523.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: 13.00 ft

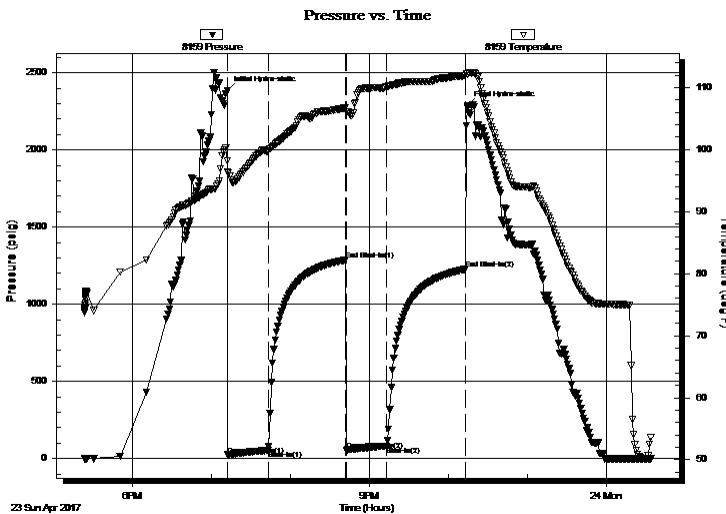
**Serial #: 8159**

**Inside**

Press@RunDepth: 81.65 psig @ 4637.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2017.04.23 End Date: 2017.04.24 Last Calib.: 2017.04.24  
 Start Time: 17:24:01 End Time: 00:34:00 Time On Btm: 2017.04.23 @ 19:12:15  
 Time Off Btm: 2017.04.23 @ 22:14:30

TEST COMMENT: IF: Weak 2" Blow  
 IS: No Blow Back  
 FF: Weak 1/2" Blow  
 FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2383.97	98.18	Initial Hydro-static
1	23.20	96.40	Open To Flow (1)
31	52.43	99.78	Shut-In(1)
90	1284.85	106.74	End Shut-In(1)
91	54.78	106.09	Open To Flow (2)
121	81.65	110.07	Shut-In(2)
181	1226.68	111.92	End Shut-In(2)
183	2284.75	112.16	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	VSOCM 2%O 98%M	0.59

\* Recovery from multiple tests

## Gas Rates

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





**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Pollok Energy  
 PO Box 106  
 Purcell, OK 73870  
 ATTN: Bill Busch

**26-22S-25W Hodgeman, KS**

**Schmitt #1**  
 Job Ticket: 59939          **DST#: 3**  
 Test Start: 2017.04.23 @ 17:24:00

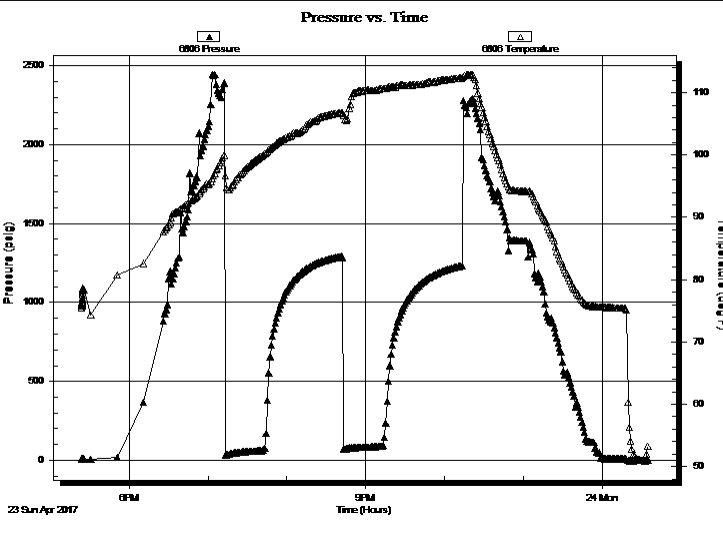
**GENERAL INFORMATION:**

Formation: <b>Mississippi</b>		Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock:	ft (KB)	Tester: Leal Cason
Time Tool Opened: 19:12:30		Unit No: 74
Time Test Ended: 00:34:00		Reference Elevations: 2536.00 ft (KB)
<b>Interval: 4636.00 ft (KB) To 4683.00 ft (KB) (TVD)</b>		2523.00 ft (CF)
Total Depth: 4683.00 ft (KB) (TVD)		KB to GR/CF: 13.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Good	

**Serial #: 6806      Outside**

Press@RunDepth:                  psig @      4637.00 ft (KB)	Capacity:                                      8000.00 psig
Start Date:                          2017.04.23          End Date:                          2017.04.24	Last Calib.:                                   2017.04.24
Start Time:                          17:24:01                  End Time:                          00:34:15	Time On Btm:
	Time Off Btm:

**TEST COMMENT:** IF: Weak 2" Blow  
 IS: No Blow Back  
 FF: Weak 1/2" Blow  
 FS: No Blow Back



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

**Recovery**

Length (ft)	Description	Volume (bbl)
120.00	VSOCM 2%O 98%M	0.59

\* Recovery from multiple tests

**Gas Rates**

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Pollok Energy  
PO Box 106  
Purcell, OK 73870  
ATTN: Bill Busch

**26-22S-25W Hodgeman,KS**

**Schmitt #1**

Job Ticket: 59939

**DST#: 3**

Test Start: 2017.04.23 @ 17:24:00

## Tool Information

Drill Pipe:	Length: 4440.00 ft	Diameter: 3.80 inches	Volume: 62.28 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:	30000.00 lb
Drill Collar:	Length: 182.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 63.18 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4636.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	47.00 ft				
Tool Length:	73.00 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			4615.00	
Hydraulic tool	5.00			4620.00	
Jars	5.00			4625.00	
Safety Joint	2.00			4627.00	
Packer	5.00			4632.00	26.00 Bottom Of Top Packer
Packer	4.00			4636.00	
Stubb	1.00			4637.00	
Recorder	0.00	8159	Inside	4637.00	
Recorder	0.00	6806	Outside	4637.00	
Perforations	4.00			4641.00	
Change Over Sub	1.00			4642.00	
Drill Pipe	32.00			4674.00	
Change Over Sub	1.00			4675.00	
Perforations	5.00			4680.00	
Bullnose	3.00			4683.00	47.00 Bottom Packers & Anchor

**Total Tool Length: 73.00**



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Pollok Energy  
PO Box 106  
Purcell, OK 73870  
ATTN: Bill Busch

**26-22S-25W Hodgeman,KS**

**Schmitt #1**

Job Ticket: 59939

**DST#: 3**

Test Start: 2017.04.23 @ 17:24:00

### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 10.00 lb/gal  
Viscosity: 51.00 sec/qt  
Water Loss: 10.78 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 5000.00 ppm  
Filter Cake: 0.02 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: deg API  
Water Salinity: ppm

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	VSOCM 2%O 98%M	0.590

Total Length: 120.00 ft      Total Volume: 0.590 bbl

Num Fluid Samples: 0

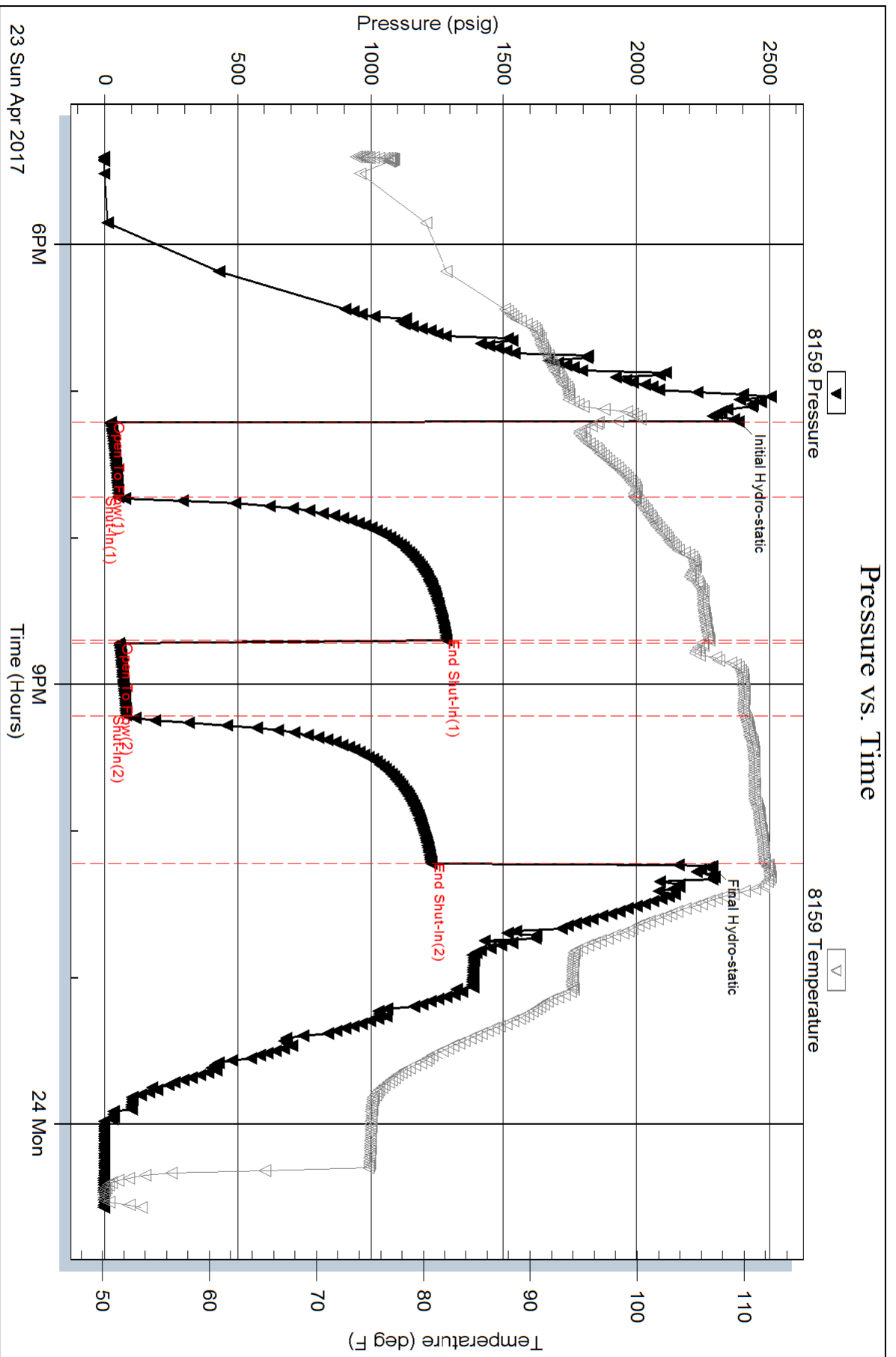
Num Gas Bombs: 0

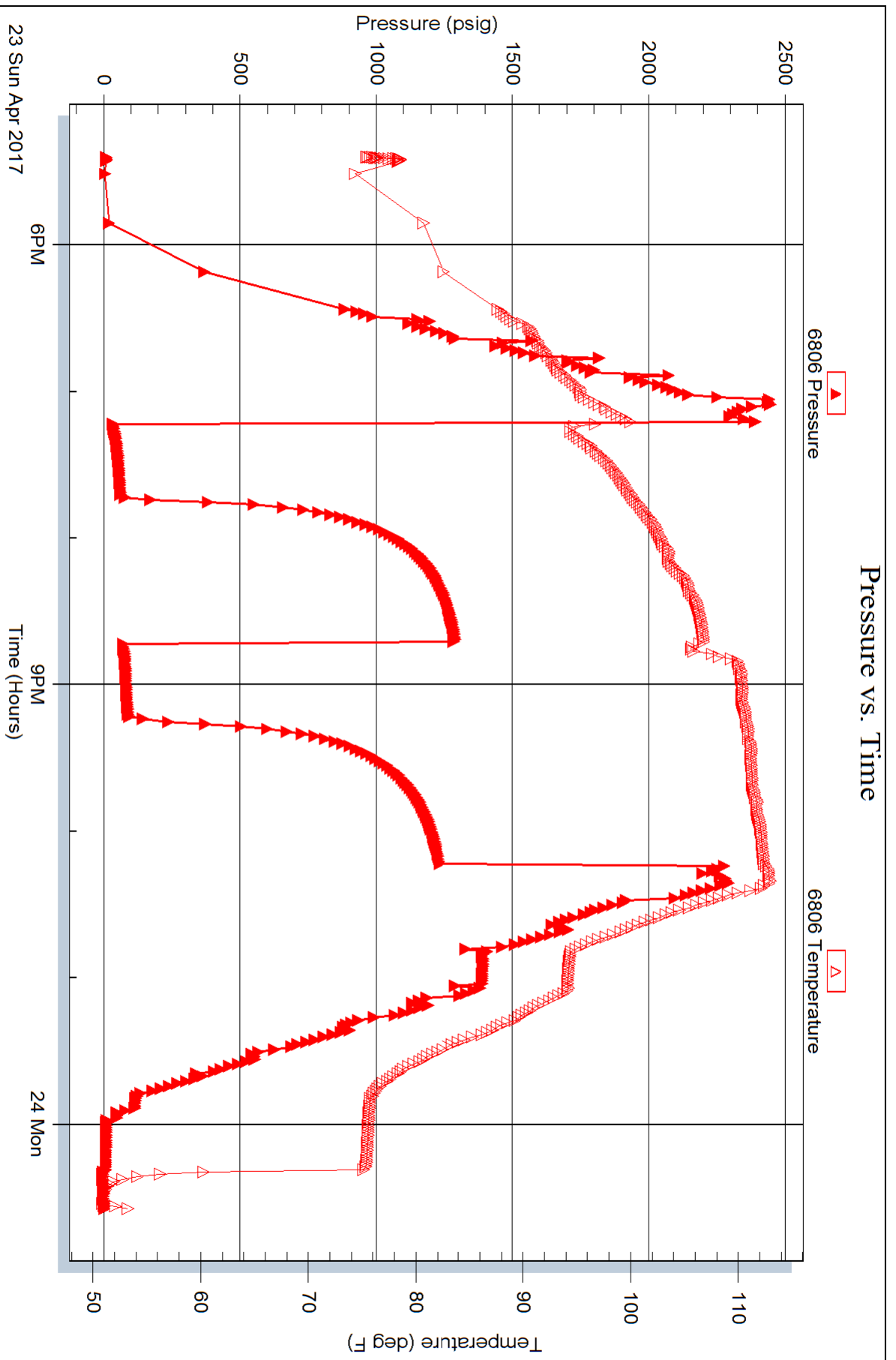
Serial #:

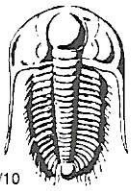
Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59937

Well Name & No. Schmitt 1 Test No. 1 Date 04/22/17  
 Company Pollok Energy Elevation 2536 KB 2523 GL  
 Address PO Box 106 Purcell, OK 73080  
 Co. Rep / Geo. Mike Pollock Rig Duke 7  
 Location: Sec. 26 Twp. 22S Rge. 25W Co. Hodgeman State K5

Interval Tested 4636 - 4673 Zone Tested Mississippi  
 Anchor Length 37 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.5  
 Top Packer Depth 4631 Drill Collars Run 182 Vis 5-1  
 Bottom Packer Depth 4636 Wt. Pipe Run 0 WL 10.8  
 Total Depth 4673 Chlorides 5000 ppm System LCM 3  
 Blow Description Hit Bridge APPROX 1700' in, could not get through, pulled TOC

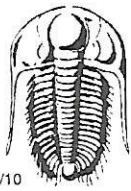
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT N/A Gravity N/A API RW N/A @ N/A° F Chlorides N/A ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test 950 \_\_\_\_\_ T-On Location 17:30  
 (B) First Initial Flow \_\_\_\_\_  Jars 250 \_\_\_\_\_ T-Started 19:07  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 \_\_\_\_\_ T-Open N/A  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled N/A  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out 21:15  
 (F) Second Final Flow \_\_\_\_\_  Mileage (140) 105 \_\_\_\_\_ Comments Could Not GET TO BOTTOM  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1380  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1380

Approved By [Signature] 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. 59938

Well Name & No. Schmitt 1 Test No. 2 Date 04/23/17  
 Company Pollok Energy Elevation 2536 KB 2523 GL  
 Address PO BOX 106 Purcell, OK 73080  
 Co. Rep / Geo. Mike Pollok Rig Duke 7  
 Location: Sec. 26 Twp. 22 S Rge. 25 W Co. Hodgeman State KS

Interval Tested 4636 - 4673 Zone Tested Mississippi  
 Anchor Length 37 Drill Pipe Run 4441 Mud Wt. 8.9  
 Top Packer Depth 4631 Drill Collars Run 182 Vis 55  
 Bottom Packer Depth 4636 Wt. Pipe Run 0 WL 10.8  
 Total Depth 4673 Chlorides 5000 ppm System LCM 4#

Blow Description IF. Weak Surface Blow  
ISI: NO BLOW BACK  
FF: NO BLOW  
FSI: NO BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>50CM</u>	<u>4</u>		<u>96</u>	

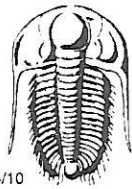
Rec Total 5 BHT 114 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic <u>2423</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>02:30</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>03:05</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>06:12</u>
(D) Initial Shut-In <u>1135</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>09:17</u>
(E) Second Initial Flow <u>31</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:10</u>
(F) Second Final Flow <u>38</u>	<input checked="" type="checkbox"/> Mileage <u>140</u> 105	Comments
(G) Final Shut-In <u>786</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2329</u>	<input type="checkbox"/> Straddle	

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1580</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1580</u>	

Approved By [Signature] Our Representative [Signature]

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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 59939

Well Name & No. Schmitt 1 Test No. 3 Date 04/23/17  
 Company Pollok Energy Elevation 2536 KB 2523 GL  
 Address PO Box 106 Purcell, OK 73080  
 Co. Rep / Geo. Mike Pollok Rig Duke 7  
 Location: Sec. 26 Twp. 22S Rge. 25W Co. Hodgeman State KS

Interval Tested 4636 - 4683 Zone Tested Mississippi  
 Anchor Length 47 Drill Pipe Run 4440 Mud Wt. 9.4  
 Top Packer Depth 4631 Drill Collars Run 182 Vis 65  
 Bottom Packer Depth 4636 Wt. Pipe Run 0 WL 8.4  
 Total Depth 4683 Chlorides 6100 ppm System LCM 4

Blow Description IF: weak 2 inch Blow  
ISI: NO Blow Back  
FF: weak 1/2 inch Blow  
FSF: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>VS OCM</u>	<u>0</u>	<u>2</u>	<u>98</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 120 BHT 112 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm  
 (A) Initial Hydrostatic 2384  Test 1150 T-On Location 16:15  
 (B) First Initial Flow 23  Jars 250 T-Started 17:24  
 (C) First Final Flow 52  Safety Joint 75 T-Open 19:12  
 (D) Initial Shut-In 1285  Circ Sub \_\_\_\_\_ T-Pulled 22:13  
 (E) Second Initial Flow 55  Hourly Standby \_\_\_\_\_ T-Out 00:34  
 (F) Second Final Flow 82  Mileage 140 210 Comments \_\_\_\_\_  
 (G) Final Shut-In 1227  Sampler \_\_\_\_\_ loaded tools 4/24 20:10  
 (H) Final Hydrostatic 2285  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1685  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 60  
 Sub Total 1685

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