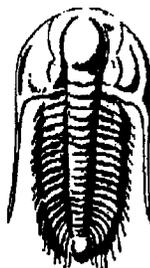


15-053-21257

26-17s-9w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Pauley Oil**

314 Fifth Street
Clafin, KS 67525

ATTN: Josh Austin

26-17-9 Ellsworth KS

DOBRINSKI #2

Start Date: 2011.01.25 @ 18:58:00

End Date: 2011.01.26 @ 00:15:45

Job Ticket #: 41376 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Pauley Oil

DOBRINSKI #2

26-17-9 Ellsworth KS

DST # 1

ARBUCKLE

2011.01.25

Printed: 2011.01.31 @ 20:18:36 Page 1

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pauley Oil
314 Fifth Street
Claflin, KS 67525
ATTN: Josh Austin

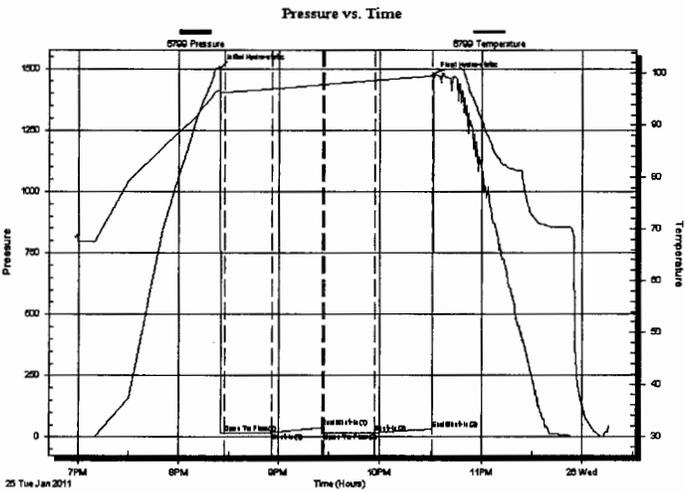
DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41376 DST#: 1
Test Start: 2011.01.25 @ 18:58:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:27:15
Time Test Ended: 00:15:45
Interval: **3130.00 ft (KB) To 3178.00 ft (KB) (TVD)**
Total Depth: **3178.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43
Reference Elevations: 1770.00 ft (KB)
1761.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 6799 Inside
Press@RunDepth: 18.88 psig @ 3131.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.25 End Date: 2011.01.26 Last Calib.: 2011.01.26
Start Time: 18:58:05 End Time: 00:15:44 Time On Btm: 2011.01.25 @ 20:24:15
Time Off Btm: 2011.01.25 @ 22:31:00

TEST COMMENT: IF: Weak blow, built to 1.5" in 15 minutes, died to 1" in 30 minutes.
IS: No blow.
FF: No blow.
FS: No blow.



PRESSURE SUMMARY

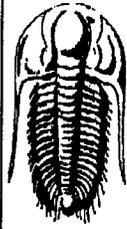
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1502.59	96.73	Initial Hydro-static
3	18.01	96.39	Open To Flow (1)
32	18.80	96.99	Shut-In(1)
62	39.09	97.81	End Shut-In(1)
63	18.27	97.83	Open To Flow (2)
93	18.88	98.63	Shut-In(2)
127	32.65	99.51	End Shut-In(2)
127	1471.30	100.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 6%o 94% m	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pauley Oil
314 Fifth Street
Claflin, KS 67525

DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41376 **DST#: 1**
Test Start: 2011.01.25 @ 18:58:00

ATTN: Josh Austin

Tool Information

Drill Pipe:	Length: 3123.00 ft	Diameter: 3.80 inches	Volume: 43.81 bbl	Tool Weight: 2300.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
		Total Volume:	43.81 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3130.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	68.00 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			3115.00	
Hydraulic tool	5.00			3120.00	
Packer	5.00			3125.00	20.00 Bottom Of Top Packer
Packer	5.00			3130.00	
Stubb	1.00			3131.00	
Recorder	0.00	8648	Inside	3131.00	
Recorder	0.00	6799	Inside	3131.00	
Perforations	9.00			3140.00	
Blank Spacing	33.00			3173.00	
Bullnose	5.00			3178.00	48.00 Bottom Packers & Anchor
Total Tool Length:	68.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pauley Oil
314 Fifth Street
Claflin, KS 67525

DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41376 DST#: 1
Test Start: 2011.01.25 @ 18:58:00

ATTN: Josh Austin

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 6%o 94%m	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 6799

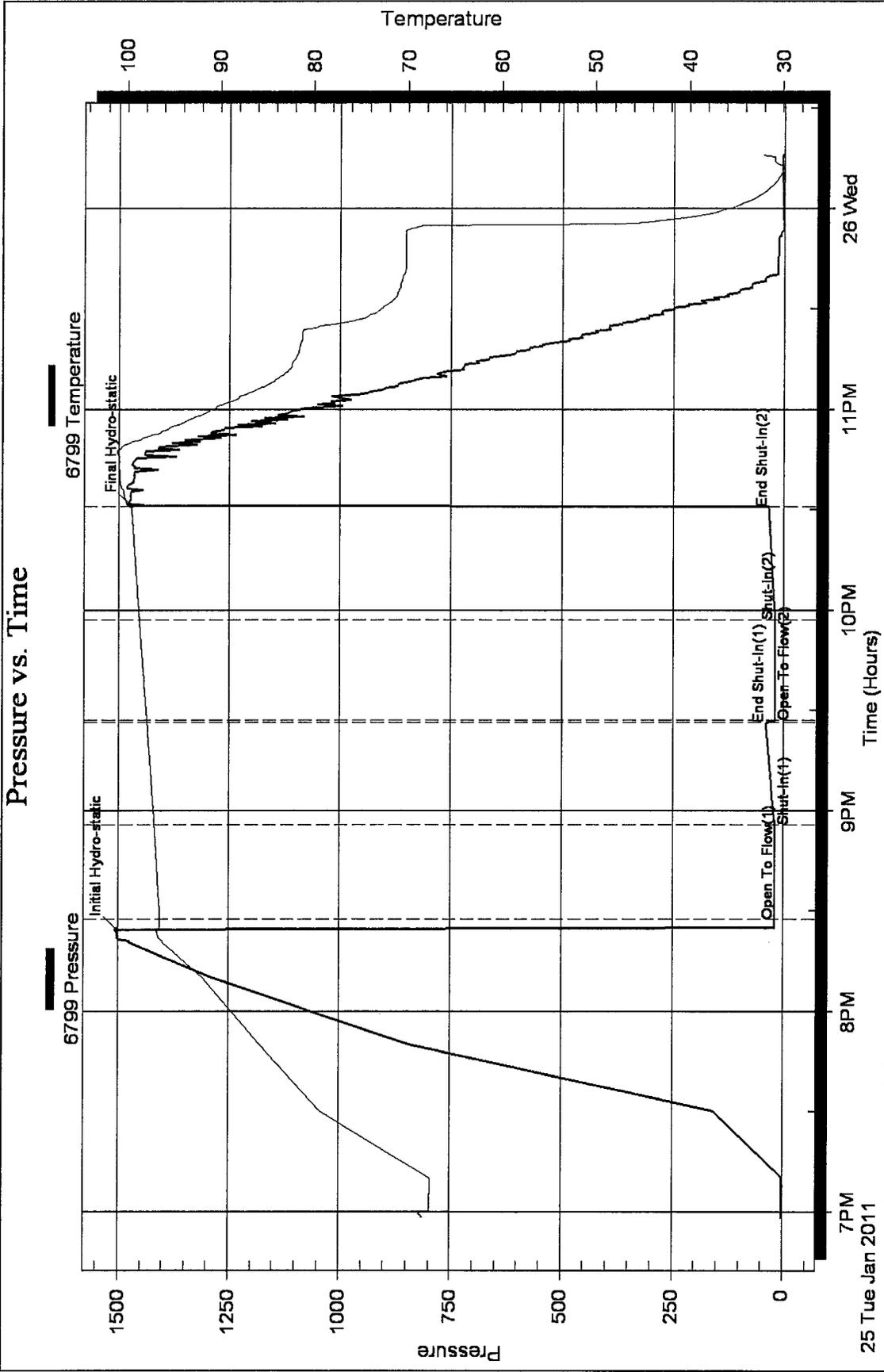
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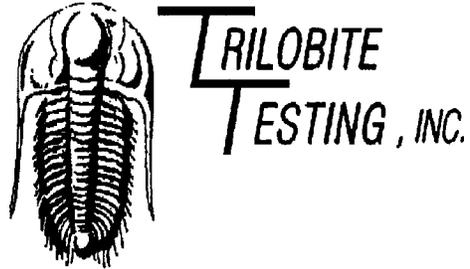
Pauley Oil

26-17-9 Elsworth KS

DST Test Number: 1

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Pauley Oil**

314 Fifth Street
Clafin, KS 67525

ATTN: Josh Austin

26-17-9 Ellsworth KS

DOBRINSKI #2

Start Date: 2011.01.26 @ 06:15:00

End Date: 2011.01.26 @ 11:44:15

Job Ticket #: 41377 DST #: 2

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Pauley Oil

DOBRINSKI #2

26-17-9 Ellsworth KS

DST # 2

ARBUCKLE

2011.01.26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pauley Oil

DOBRINSKI #2

314 Fifth Street
Claflin, KS 67525

26-17-9 Ellsworth KS

Job Ticket: 41377

DST#: 2

ATTN: Josh Austin

Test Start: 2011.01.26 @ 06:15:00

Tool Information

Drill Pipe:	Length: 3123.00 ft	Diameter: 3.80 inches	Volume: 43.81 bbl	Tool Weight: 2300.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 43.81 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3130.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	70.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3115.00	
Hydraulic tool	5.00			3120.00	
Packer	5.00			3125.00	20.00 Bottom Of Top Packer
Packer	5.00			3130.00	
Stubb	1.00			3131.00	
Recorder	0.00	8648	Inside	3131.00	
Recorder	0.00	6799	Inside	3131.00	
Perforations	9.00			3140.00	
Blank Spacing	33.00			3173.00	
Bullnose	7.00			3180.00	50.00 Bottom Packers & Anchor
Total Tool Length:	70.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pauley Oil
314 Fifth Street
Claflin, KS 67525
ATTN: Josh Austin

DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41377 **DST#: 2**
Test Start: 2011.01.26 @ 06:15:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

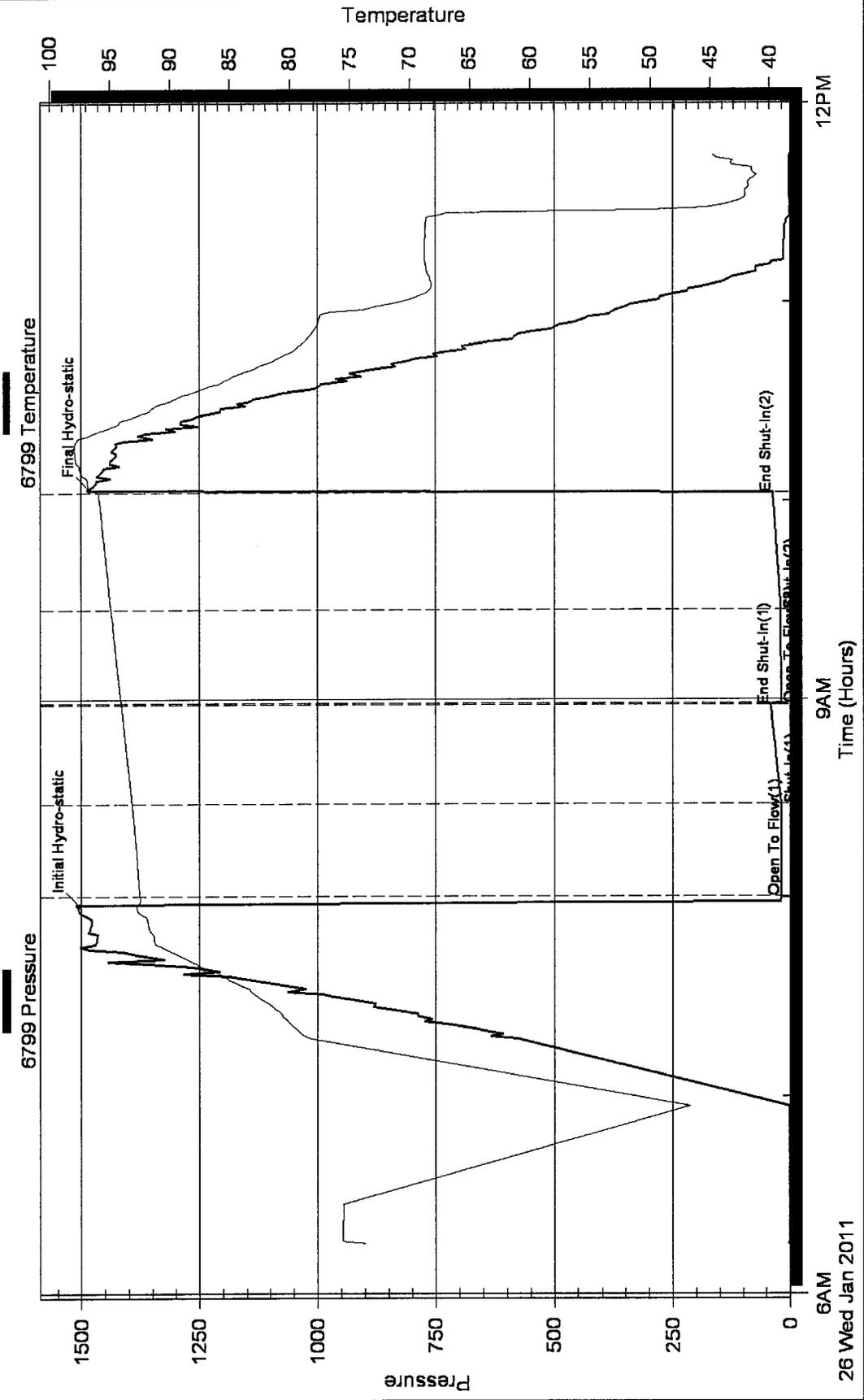
Recovery Information

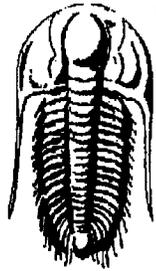
Recovery Table

Length ft	Description	Volume bbl
8.00	SW&OCM 1%w 6%o 93%m	0.112
0.00	heavy oil show in tools	0.000

Total Length: 8.00 ft Total Volume: 0.112 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Pauley Oil**

314 Fifth Street
Clafin, KS 67525

ATTN: Josh Austin

26-17-9 Ellsworth KS

DOBRINSKI #2

Start Date: 2011.01.26 @ 16:31:00

End Date: 2011.01.26 @ 21:52:30

Job Ticket #: 41378 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Pauley Oil

DOBRINSKI #2

26-17-9 Ellsworth KS

DST # 3

ARBUCKLE

2011.01.26



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Pauley Oil
314 Fifth Street
Claflin, KS 67525
ATTN: Josh Austin

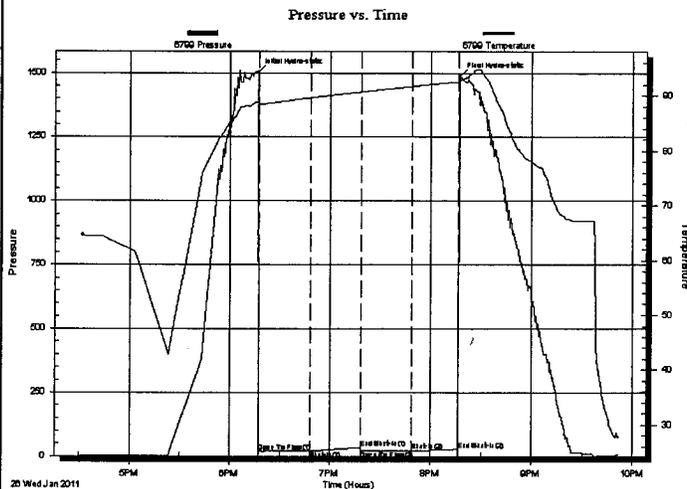
DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41378 **DST#: 3**
Test Start: 2011.01.26 @ 16:31:00

GENERAL INFORMATION:

Formation: **ARBUCKLE**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:17:00
Time Test Ended: 21:52:30
Test Type: Conventional Bottom Hole
Tester: Jake Fahrenbruch
Unit No: 43
Interval: **3130.00 ft (KB) To 3183.00 ft (KB) (TVD)**
Reference Elevations: 1770.00 ft (KB)
Total Depth: 3183.00 ft (KB) (TVD)
1761.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Good
KB to GR/CF: 9.00 ft

Serial #: 6799 Inside
Press@RunDepth: 20.77 psig @ 3131.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.26 End Date: 2011.01.26 Last Calib.: 2011.01.26
Start Time: 16:31:05 End Time: 21:52:29 Time On Btm: 2011.01.26 @ 18:16:45
Time Off Btm: 2011.01.26 @ 20:17:15

TEST COMMENT: IF: Weak blow, built to 1", died off.
IS: No blow back.
FF: No blow.
FSI: No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1503.41	88.87	Initial Hydro-static
1	19.79	88.48	Open To Flow (1)
32	20.79	89.62	Shut-In(1)
62	33.97	90.70	End Shut-In(1)
62	20.71	90.71	Open To Flow (2)
93	20.77	91.72	Shut-In(2)
120	27.44	92.61	End Shut-In(2)
121	1487.22	92.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SOCM 4%o 96% m	0.14
0.00	heavy oil show in tools	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pauley Oil
314 Fifth Street
Claflin, KS 67525

DOBRINSKI #2

26-17-9 Ellsworth KS

Job Ticket: 41378

DST#: 3

ATTN: Josh Austin

Test Start: 2011.01.26 @ 16:31:00

Tool Information

Drill Pipe:	Length: 3123.00 ft	Diameter: 3.80 inches	Volume: 43.81 bbl	Tool Weight: 2300.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			<u>Total Volume: 43.81 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3130.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 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			3115.00	
Hydraulic tool	5.00			3120.00	
Packer	5.00			3125.00	20.00 Bottom Of Top Packer
Packer	5.00			3130.00	
Stubb	1.00			3131.00	
Recorder	0.00	8648	Inside	3131.00	
Recorder	0.00	6799	Inside	3131.00	
Perforations	9.00			3140.00	
Blank Spacing	33.00			3173.00	
Bullnose	10.00			3183.00	53.00 Bottom Packers & Anchor
Total Tool Length:	73.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Pauley Oil
314 Fifth Street
Clafin, KS 67525
ATTN: Josh Austin

DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41378 **DST#: 3**
Test Start: 2011.01.26 @ 16:31:00

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SOCM 4%o 96%m	0.140
0.00	heavy oil show in tools	0.000

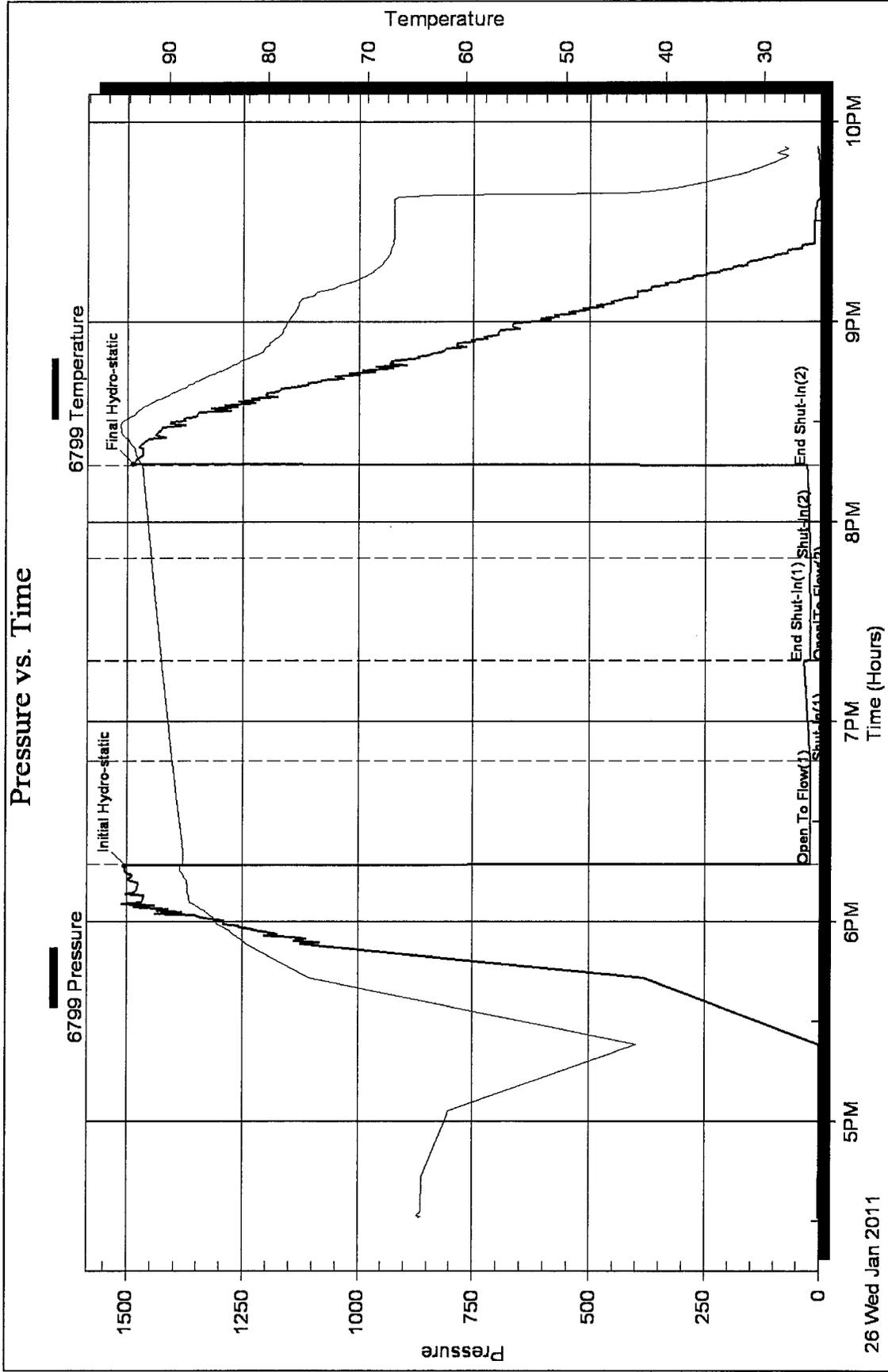
Total Length: 10.00 ft Total Volume: 0.140 bbl

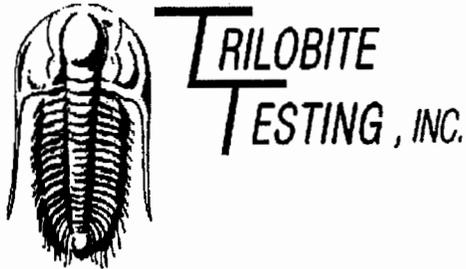
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Pauley Oil**

314 Fifth Street
Clafin, KS 67525

ATTN: Josh Austin

26-17-9 Ellsworth KS

DOBRINSKI #2

Start Date: 2011.01.27 @ 04:12:00

End Date: 2011.01.27 @ 11:08:00

Job Ticket #: 41379 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Pauley Oil

DOBRINSKI #2

26-17-9 Ellsworth KS

DST # 4

ARBUCKLE

2011.01.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Pauley Oil
314 Fifth Street
Claflin, KS 67525

DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41379 DST#: 4
Test Start: 2011.01.27 @ 04:12:00

ATTN: Josh Austin

Tool Information

Drill Pipe:	Length: 3123.00 ft	Diameter: 3.80 inches	Volume: 43.81 bbl	Tool Weight: 2300.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 38000.00 lb
			<u>Total Volume: 43.81 bbl</u>	Tool Chased 4.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 30000.00 lb
Depth to Top Packer:	3130.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	79.00 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			3115.00	
Hydraulic tool	5.00			3120.00	
Packer	5.00			3125.00	20.00 Bottom Of Top Packer
Packer	5.00			3130.00	
Stubb	1.00			3131.00	
Perforations	5.00			3136.00	
Blank Spacing	33.00			3169.00	
Recorder	0.00	8648	Inside	3169.00	
Recorder	0.00	6799	Outside	3169.00	
Perforations	15.00			3184.00	
Bullnose	5.00			3189.00	59.00 Bottom Packers & Anchor

Total Tool Length: 79.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Pauley Oil
314 Fifth Street
Claflin, KS 67525
ATTN: Josh Austin

DOBRINSKI #2
26-17-9 Ellsworth KS
Job Ticket: 41379 **DST#: 4**
Test Start: 2011.01.27 @ 04:12:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 45 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.97 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 5000.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Clean Free Oil	0.140
75.00	G&OCM 15%g 5%o 80%m	1.052
65.00	HGCSOCM 27%g 5%o 68%m	0.912
65.00	GCSOCM 11%g 2%o 87%m	0.912

Total Length: 215.00 ft Total Volume: 3.016 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: 215' GIP

Pressure vs. Time

