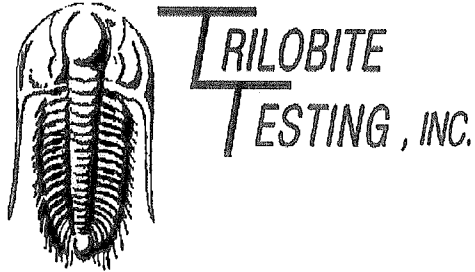


15-109-20899

12-15s-33w

Jud



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co., Inc.**

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206

ATTN: Jeff Christian

12-15s-33w Logan KS

Fairleigh #1-12

Start Date: 2010.05.06 @ 18:15:15

End Date: 2010.05.06 @ 23:55:39

Job Ticket #: 38833 DST #: 1

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KCC WICHITA

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

Brito Oil Co., Inc.

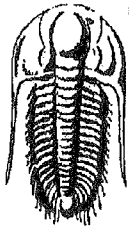
Fairleigh #1-12

12-15s-33w Logan KS

DST # 1

C

2010.05.06



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
1700 N Waterfront Fkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38833 **DST#: 1**
Test Start: 2010.05.06 @ 18:15:15

GENERAL INFORMATION:

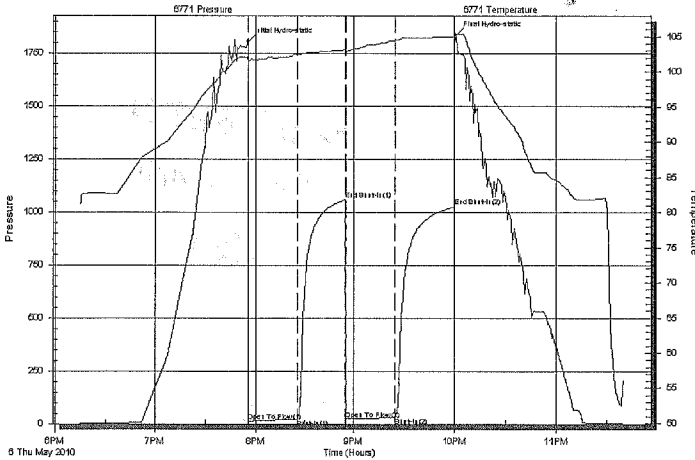
Formation: **C**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole
Time Tool Opened: 19:55:55 Tester: Shane McBride
Time Test Ended: 23:55:39 Unit No: 40

Interval: **3785.00 ft (KB) To 3810.00 ft (KB) (TVD)** Reference Elevations: 2798.00 ft (KB)
Total Depth: 3810.00 ft (KB) (TVD) 2793.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6771 Inside
Press@RunDepth: 30.41 psig @ 3786.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.05.06 End Date: 2010.05.06 Last Calib.: 2010.05.06
Start Time: 18:15:15 End Time: 23:40:39 Time On Btm: 2010.05.06 @ 19:55:40
Time Off Btm: 2010.05.06 @ 22:00:40

TEST COMMENT: Weak 1/8" in blow
No return
No blow
No return

Pressure vs. Time



PRESSURE SUMMARY

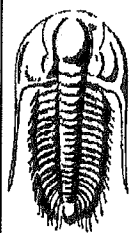
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1805.13	102.06	Initial Hydro-static
1	13.36	101.52	Open To Flow (1)
30	21.85	102.48	Shut-In(1)
60	1057.55	103.16	End Shut-In(1)
60	23.70	102.72	Open To Flow (2)
89	30.41	104.53	Shut-In(2)
124	1024.70	105.05	End Shut-In(2)
125	1837.29	105.31	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	w c m 30%w 70%o {oil spots in tool}	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

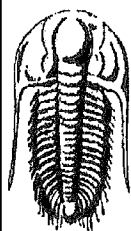
Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38833 **DST#: 1**
Test Start: 2010.05.06 @ 18:15:15

Tool Information

Drill Pipe:	Length: 3678.00 ft	Diameter: 3.80 inches	Volume: 51.59 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 52.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3785.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	45.00 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			3766.00	
Shut In Tool	5.00			3771.00	
Hydraulic tool	5.00			3776.00	
Packer	5.00			3781.00	20.00 Bottom Of Top Packer
Packer	4.00			3785.00	
Stubb	1.00			3786.00	
Recorder	0.00	6771	Inside	3786.00	
Recorder	0.00	8368	Outside	3786.00	
Perforations	19.00			3805.00	
Bullnose	5.00			3810.00	25.00 Bottom Packers & Anchor
Total Tool Length:	45.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.

Fairleigh #1-12

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

12-15s-33w Logan KS

Job Ticket: 38833 **DST#: 1**

Test Start: 2010.05.06 @ 18:15:15

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: 26500 ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.71 in ³	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
10.00	w c m 30%w 70%m {oil spots in tool}	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: rw .264 @ 62*f=26,500 chlor

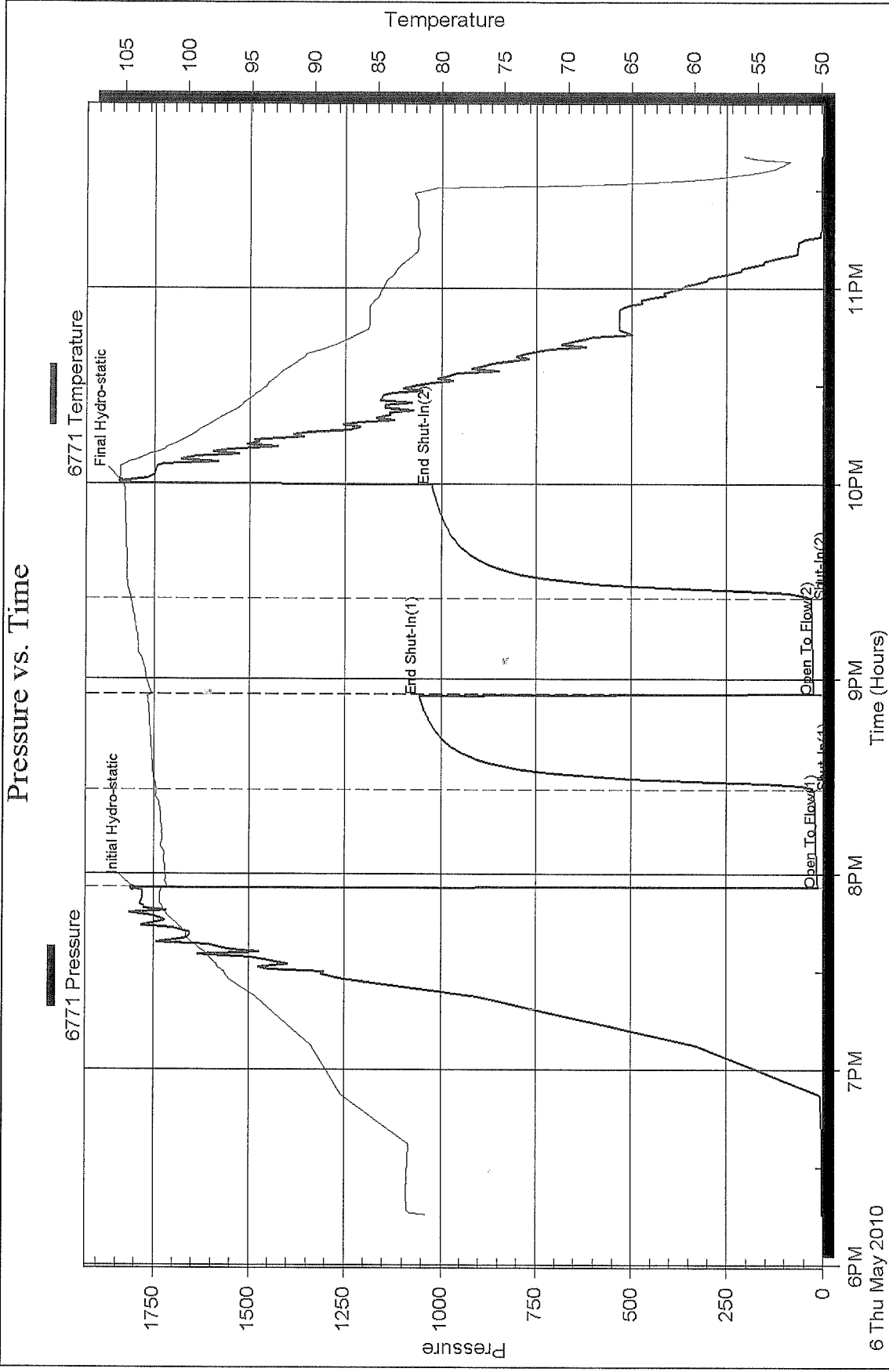
Serial #: 6771

Inside Brito Oil Co., Inc.

12-15s-33w Logan KS

DST Test Number: 1

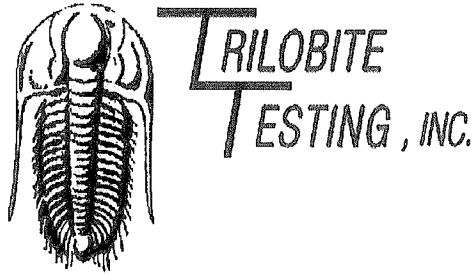
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 38833

Printed: 2010.05.20 @ 15:05:06 Page 5



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co., Inc.**

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206

ATTN: Jeff Christian

12-15s-33w Logan KS

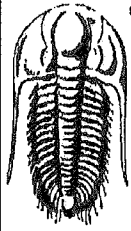
Fairleigh #1-12

Start Date: 2010.05.07 @ 12:10:10

End Date: 2010.05.07 @ 19:00:04

Job Ticket #: 38834 DST #: 2

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
1700 N Waterfront Pkw
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

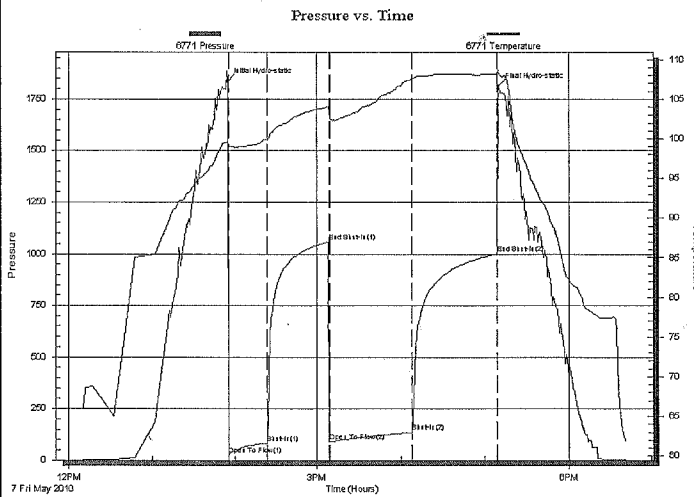
Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38834 **DST#: 2**
Test Start: 2010.05.07 @ 12:10:10

GENERAL INFORMATION:

Formation: **E-F**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 13:54:50
Time Test Ended: 19:00:04
Interval: **3830.00 ft (KB) To 3870.00 ft (KB) (TVD)**
Total Depth: 3870.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Reference Elevations: 2798.00 ft (KB)
2793.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6771 **Inside**
Press@RunDepth: 136.79 psig @ 3831.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.05.07 End Date: 2010.05.07 Last Calib.: 2010.05.07
Start Time: 12:10:10 End Time: 18:42:04 Time On Btm: 2010.05.07 @ 13:54:20
Time Off Btm: 2010.05.07 @ 17:09:35

TEST COMMENT: 1" in @ open built to 5 1/4" in.
No return
5" in blow
No return



PRESSURE SUMMARY

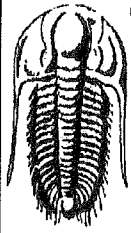
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1835.97	99.63	Initial Hydro-static
1	28.47	99.18	Open To Flow (1)
30	84.66	99.90	Shut-In(1)
75	1059.18	104.07	End Shut-In(1)
76	91.24	103.00	Open To Flow (2)
134	136.79	107.56	Shut-In(2)
195	1001.21	108.11	End Shut-In(2)
196	1812.34	108.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
270.00	m c w 30% m 70% w	2.69

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.

Fairleigh #1-12

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

12-15s-33w Logan KS

Job Ticket: 38834

DST#: 2

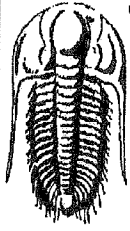
Test Start: 2010.05.07 @ 12:10:10

Tool Information

Drill Pipe:	Length: 3710.00 ft	Diameter: 3.80 inches	Volume: 52.04 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 52.63 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3830.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 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			3811.00	
Shut In Tool	5.00			3816.00	
Hydraulic tool	5.00			3821.00	
Packer	5.00			3826.00	20.00 Bottom Of Top Packer
Packer	4.00			3830.00	
Stubb	1.00			3831.00	
Recorder	0.00	6771	Inside	3831.00	
Recorder	0.00	8368	Outside	3831.00	
Perforations	34.00			3865.00	
Bullnose	5.00			3870.00	40.00 Bottom Packers & Anchor
Total Tool Length:	60.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wchita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38834 **DST#: 2**
Test Start: 2010.05.07 @ 12:10:10

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: 22500 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.93 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 4200.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
270.00	m c w 30% m 70% w	2.694

Total Length: 270.00 ft Total Volume: 2.694 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: rw .347 @ 58*f = 22,500 chlor

Serial #: 6771

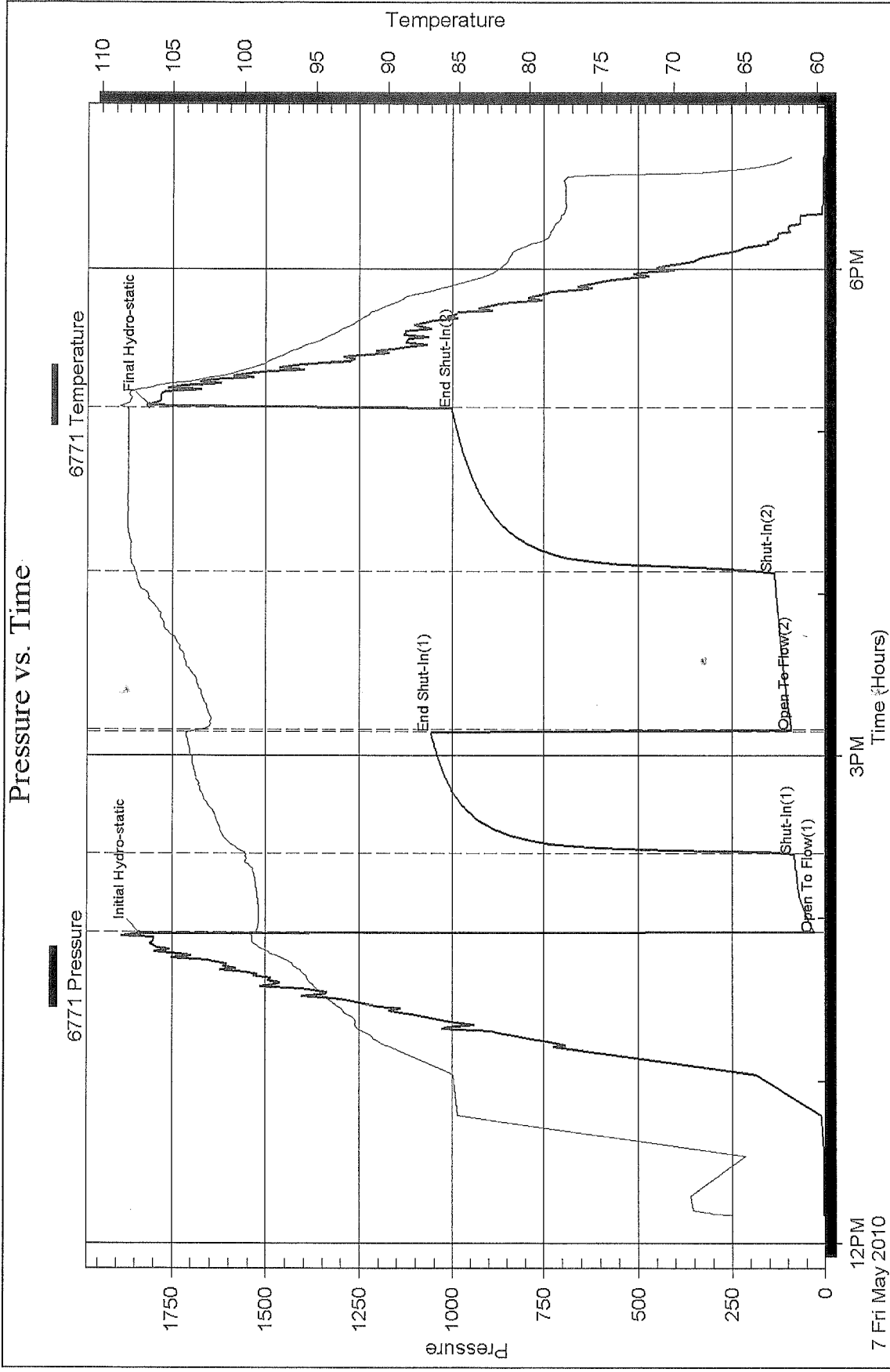
Inside

Brito Oil Co., Inc.

12-15s-33w Logan KS

DST Test Number: 2

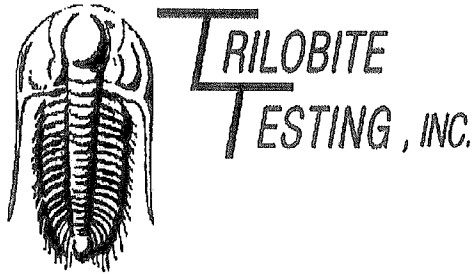
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 38834

Printed: 2010.05.20 @ 15:05:28 Page 5



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co., Inc.**

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206

ATTN: Jeff Christian

12-15s-33w Logan KS

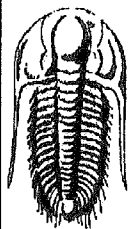
Fairleigh #1-12

Start Date: 2010.05.08 @ 05:44:49

End Date: 2010.05.08 @ 11:40:13

Job Ticket #: 38835 DST #: 3

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

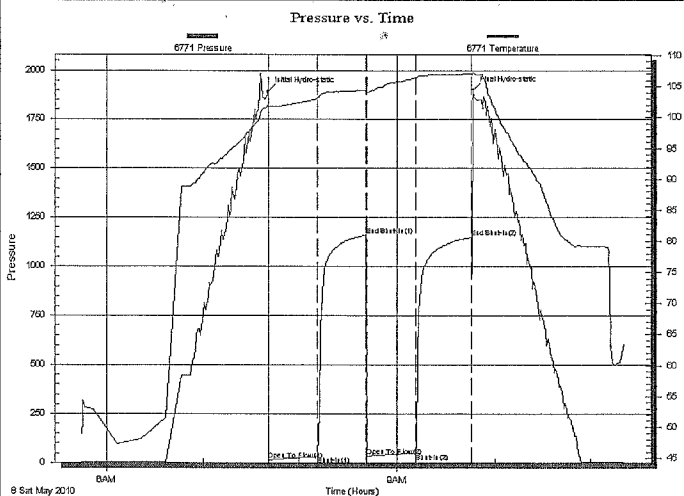
Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38835 **DST#: 3**
Test Start: 2010.05.08 @ 05:44:49

GENERAL INFORMATION:

Formation: I
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 07:41:14
Time Test Ended: 11:40:13
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40
Interval: **3959.00 ft (KB) To 3990.00 ft (KB) (TVD)**
Total Depth: 3990.00 ft (KB) (TVD)
Reference Elevations: 2798.00 ft (KB)
2793.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 6771 Inside
Press@RunDepth: 50.10 psig @ 3960.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.05.08 End Date: 2010.05.08 Last Calib.: 2010.05.08
Start Time: 05:44:49 End Time: 11:21:13 Time On Btm: 2010.05.08 @ 07:40:59
Time Off Btm: 2010.05.08 @ 09:46:14

TEST COMMENT: 1" in. blow died back to 1/2" in
No return
Surface blow in 12 min
No return



PRESSURE SUMMARY

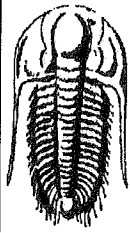
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1892.96	102.07	Initial Hydro-static
1	15.18	101.54	Open To Flow (1)
31	31.73	103.13	Shut-In(1)
60	1160.42	104.47	End Shut-In(1)
61	33.36	104.15	Open To Flow (2)
91	50.10	106.40	Shut-In(2)
124	1148.32	107.00	End Shut-In(2)
126	1900.41	107.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	w c m40%w 60%m	0.32

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.

Fairleigh #1-12

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

12-15s-33w Logan KS

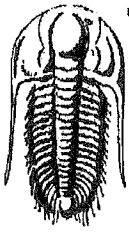
Job Ticket: 38835 **DST#: 3**
Test Start: 2010.05.08 @ 05:44:49

Tool Information

Drill Pipe:	Length: 3835.00 ft	Diameter: 3.80 inches	Volume: 53.79 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 54.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3959.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	51.00 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			3940.00	
Shut In Tool	5.00			3945.00	
Hydraulic tool	5.00			3950.00	
Packer	5.00			3955.00	20.00 ^o Bottom Of Top Packer
Packer	4.00			3959.00	
Stubb	1.00			3960.00	
Recorder	0.00	6771	Inside	3960.00	
Recorder	0.00	8368	Outside	3960.00	
Perforations	25.00			3985.00	
Bullnose	5.00			3990.00	31.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.

Fairleigh #1-12

1700 N Waterfront Fkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

12-15s-33w Logan KS

Job Ticket: 38835

DST#: 3

Test Start: 2010.05.08 @ 05:44:49

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:

28000 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.70 in³

Gas Cushion Type:

Resistivity: 0.00 ohmm

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	w c m40%w 60%m	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

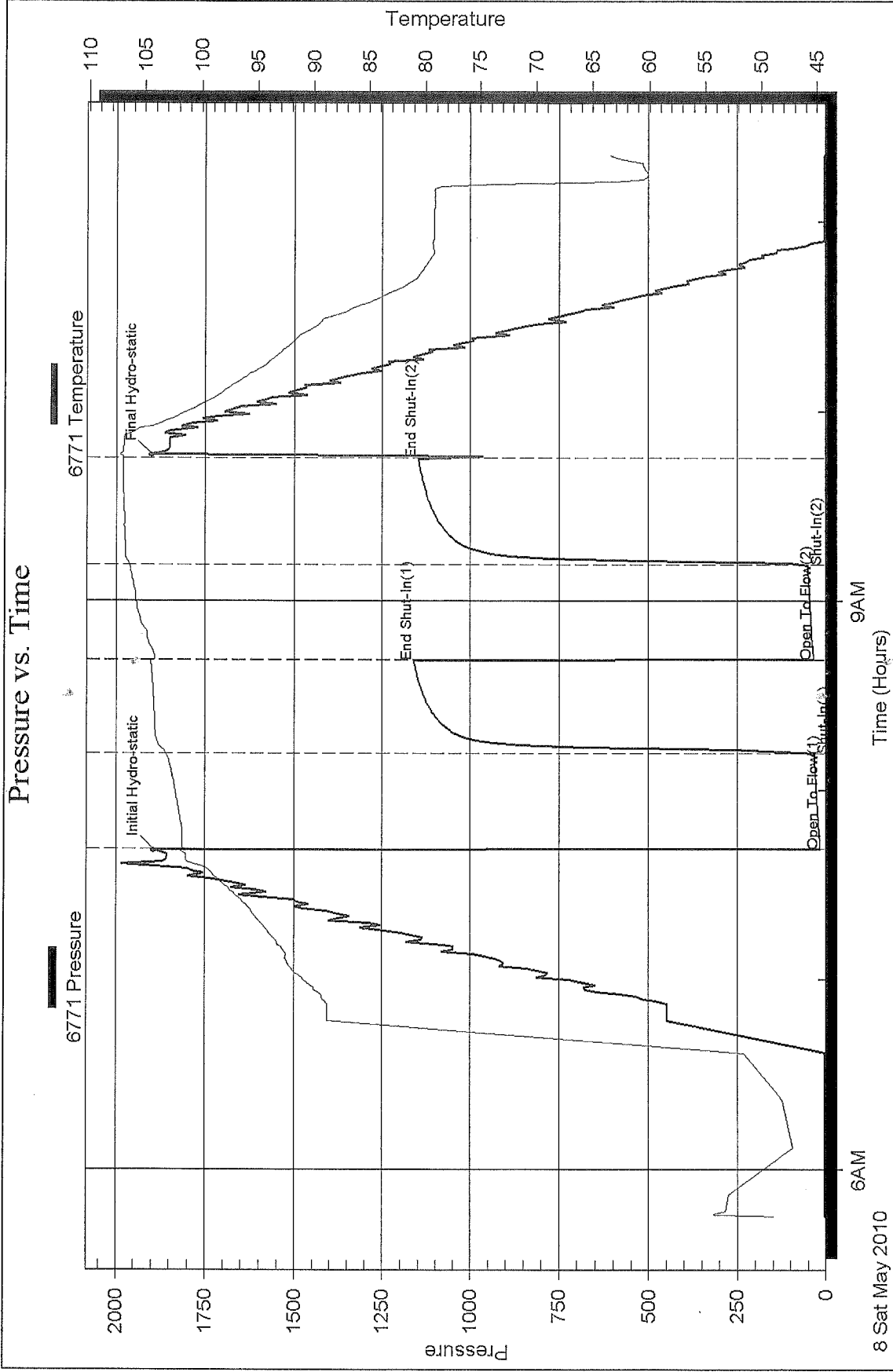
Serial #:

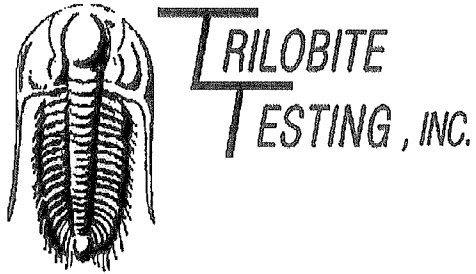
Laboratory Name:

Laboratory Location:

Recovery Comments: rw .261 @ 68*f= 28,000 chlor

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co., Inc.**

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206

ATTN: Jeff Christian

12-15s-33w Logan KS

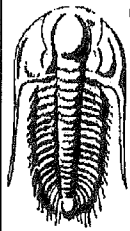
Fairleigh #1-12

Start Date: 2010.05.08 @ 17:00:05

End Date: 2010.05.08 @ 22:40:59

Job Ticket #: 38836 DST #: 4

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

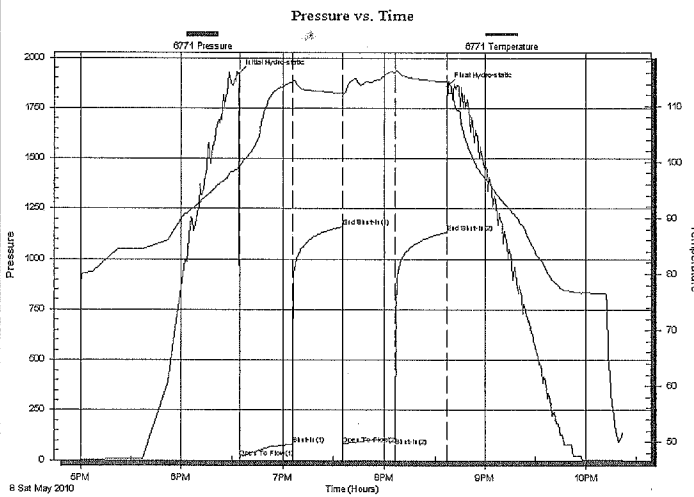
Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38836 **DST#: 4**
Test Start: 2010.05.08 @ 17:00:05

GENERAL INFORMATION:

Formation: **J**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 18:34:15
Time Test Ended: 22:40:59
Interval: **3990.00 ft (KB) To 4006.00 ft (KB) (TVD)**
Total Depth: 4006.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2798.00 ft (KB)
2793.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40

Serial #: 6771 Inside
Press@RunDepth: 115.37 psig @ 3991.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.05.08 End Date: 2010.05.08 Last Calib.: 2010.05.08
Start Time: 17:00:05 End Time: 22:22:59 Time On Btm: 2010.05.08 @ 18:34:00
Time Off Btm: 2010.05.08 @ 20:37:15

TEST COMMENT: 5" in blow
No return
4 1/4" in blow
No return



PRESSURE SUMMARY

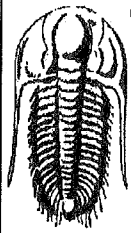
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1921.23	99.22	Initial Hydro-static
1	14.67	98.12	Open To Flow (1)
32	82.07	114.36	Shut-In (1)
62	1161.09	112.34	End Shut-In (1)
62	82.05	111.61	Open To Flow (2)
93	115.37	116.07	Shut-In (2)
123	1133.74	114.41	End Shut-In (2)
124	1857.94	114.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
220.00	s m c w 5% m 95% w	1.99
0.00	show of oil on top 1" in	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38836 **DST#: 4**
Test Start: 2010.05.08 @ 17:00:05

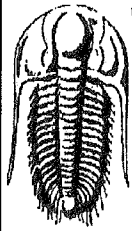
Tool Information

Drill Pipe:	Length: 3868.00 ft	Diameter: 3.80 inches	Volume: 54.26 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 54.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3990.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

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

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3971.00	
Shut In Tool	5.00			3976.00	
Hydraulic tool	5.00			3981.00	
Packer	5.00			3986.00	20.00 Bottom Of Top Packer
Packer	4.00			3990.00	
Stubb	1.00			3991.00	
Recorder	0.00	6771	Inside	3991.00	
Recorder	0.00	8368	Outside	3991.00	
Perforations	10.00			4001.00	
Bullnose	5.00			4006.00	16.00 Bottom Packers & Anchor
Total Tool Length:	36.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38836 **DST#: 4**
Test Start: 2010.05.08 @ 17:00:05

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:	30000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.16 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
220.00	s m c w 5% m 95% w	1.993
0.00	show of oil on top 1" in	0.000

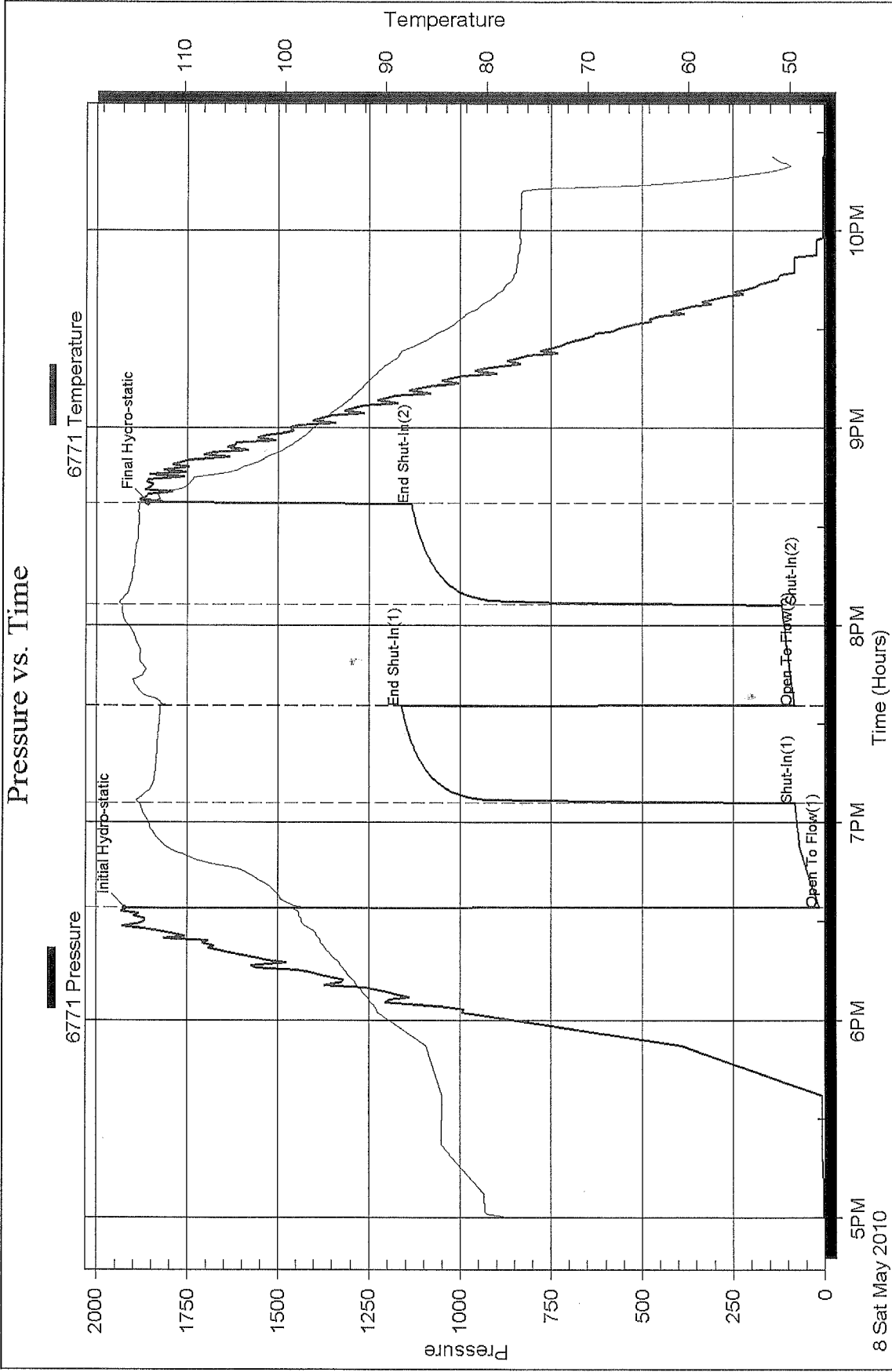
Total Length: 220.00 ft Total Volume: 1.993 bbl

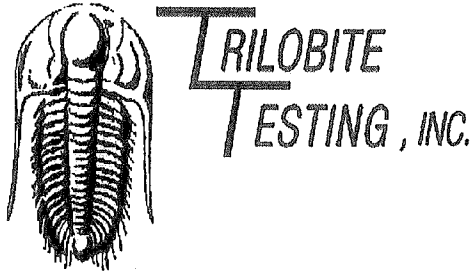
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: rw .292 @ 54*f = 30000 chlor

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co., Inc.**

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206

ATTN: Jeff Christian

12-15s-33w Logan KS

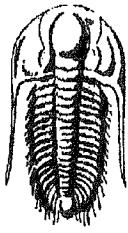
Fairleigh #1-12

Start Date: 2010.05.09 @ 16:15:53

End Date: 2010.05.09 @ 22:00:32

Job Ticket #: 38837 DST #: 5

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Brito Oil Co., Inc.
 1700 N Waterfront Fkwy
 Bldg 300 Suite C
 Wichita KS 67206
 ATTN: Jeff Christian

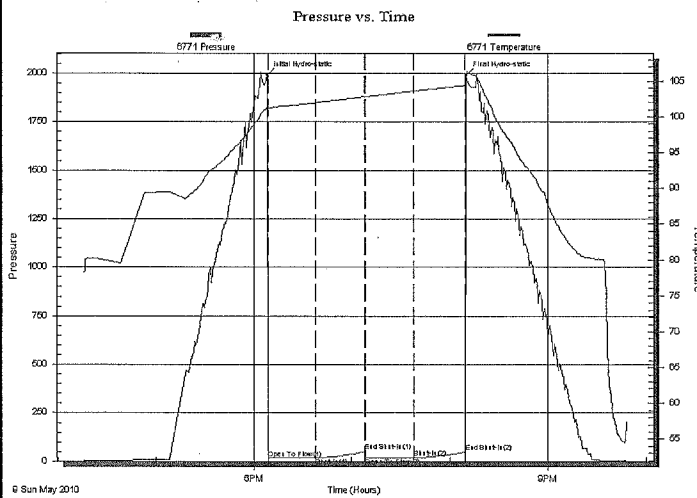
Fairleigh #1-12
12-15s-33w Logan KS
 Job Ticket: 38837 **DST#: 5**
 Test Start: 2010.05.09 @ 16:15:53

GENERAL INFORMATION:

Formation: **Pleasanton-Altamont**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:08:48
 Time Test Ended: 22:00:32
 Interval: **4095.00 ft (KB) To 4190.00 ft (KB) (TVD)**
 Total Depth: 4190.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Shane McBride
 Unit No: 40
 Reference Elevations: 2798.00 ft (KB)
 2793.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6771 Inside
 Press@RunDepth: 17.72 psig @ 4096.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.05.09 End Date: 2010.05.09 Last Calib.: 2010.05.09
 Start Time: 16:15:53 End Time: 21:48:32 Time On Btm: 2010.05.09 @ 18:08:33
 Time Off Btm: 2010.05.09 @ 20:10:03

TEST COMMENT: 1/4" in blow died in 25 min.
 No return
 No blow
 No return



PRESSURE SUMMARY

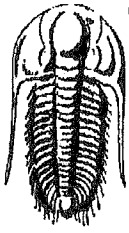
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1989.88	101.48	Initial Hydro-static
1	16.22	100.87	Open To Flow (1)
30	17.36	101.96	Shut-In(1)
60	51.99	102.80	End Shut-In(1)
61	17.26	102.81	Open To Flow (2)
90	17.72	103.61	Shut-In(2)
121	49.65	104.40	End Shut-In(2)
122	1989.92	105.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% _m	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38837 **DST#: 5**
Test Start: 2010.05.09 @ 16:15:53

Tool Information

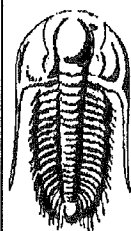
Drill Pipe:	Length: 3960.00 ft	Diameter: 3.80 inches	Volume: 55.55 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.14 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4095.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	115.00 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			4076.00	
Shut In Tool	5.00			4081.00	
Hydraulic tool	5.00			4086.00	
Packer	5.00	*		4091.00	20.00 Bottom Of Top Packer
Packer	4.00		*	4095.00	
Stubb	1.00			4096.00	
Recorder	0.00	6771	Inside	4096.00	
Recorder	0.00	8368	Outside	4096.00	
Perforations	24.00			4120.00	
Change Over Sub	1.00			4121.00	
Drill Pipe	63.00			4184.00	
Change Over Sub	1.00			4185.00	
Bullnose	5.00			4190.00	95.00 Bottom Packers & Anchor

Total Tool Length: 115.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.

Fairleigh #1-12

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

12-15s-33w Logan KS

Job Ticket: 38837 **DST#: 5**
Test Start: 2010.05.09 @ 16:15:53

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: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.94 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

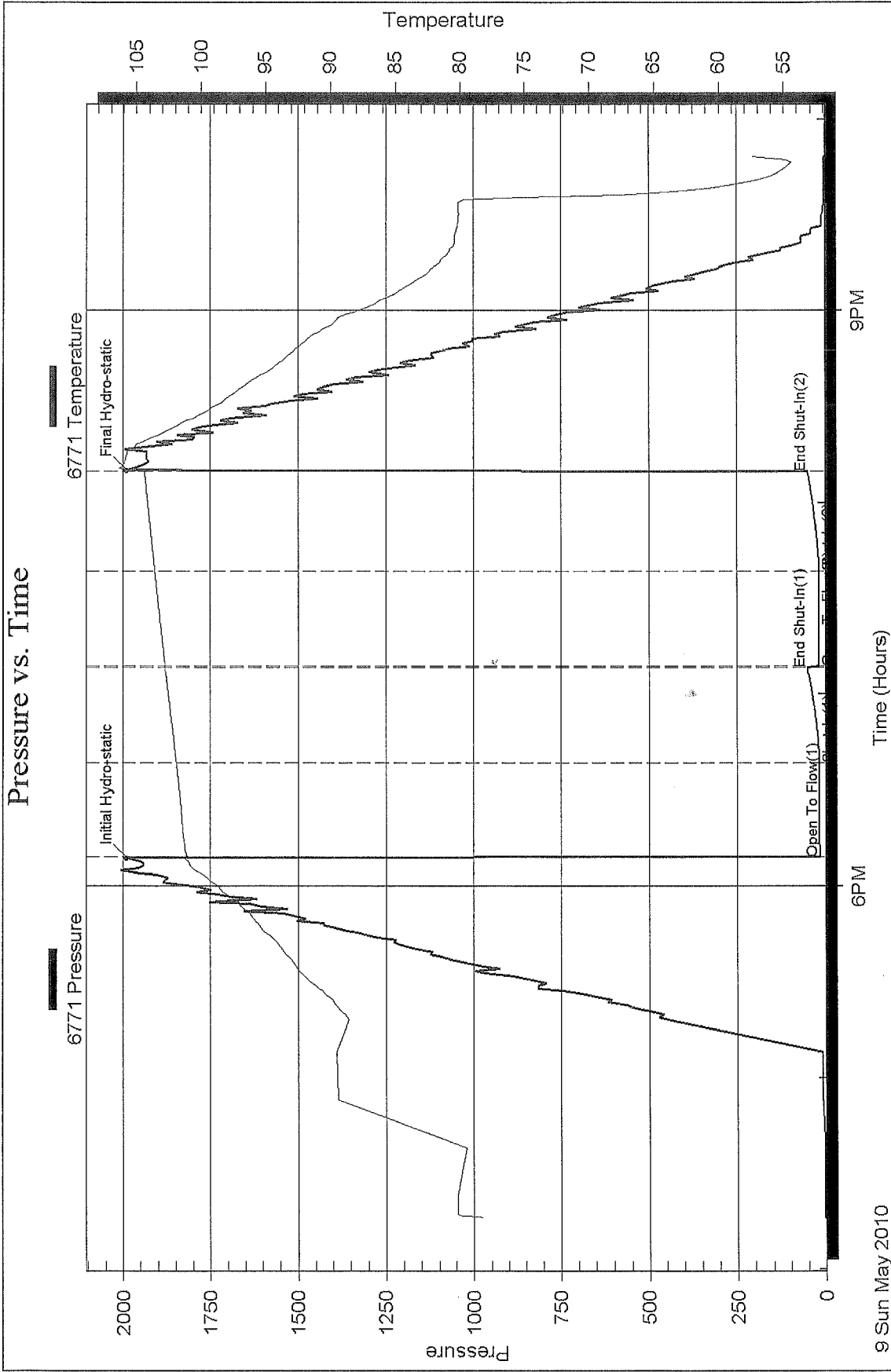
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% _m	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

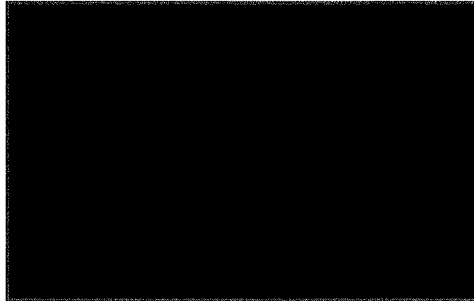
Pressure vs. Time



9 Sun May 2010

6PM

9PM



DRILL STEM TEST REPORT

Prepared For: **Brito Oil Co., Inc.**

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206

ATTN: Jeff Christian

12-15s-33w Logan KS

Fairleigh #1-12

Start Date: 2010.05.10 @ 05:50:23

End Date: 2010.05.10 @ 12:15:32

Job Ticket #: 38838 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Brito Oil Co., Inc.

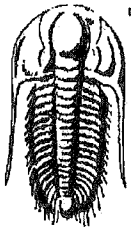
Fairleigh #1-12

12-15s-33w Logan KS

DST # 6

Altamont C

2010.05.10



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

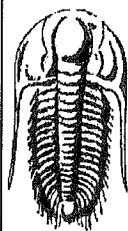
Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38838 **DST#: 6**
Test Start: 2010.05.10 @ 05:50:23

Tool Information

Drill Pipe:	Length: 4081.00 ft	Diameter: 3.80 inches	Volume: 57.25 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4189.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	57.00 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			4170.00	
Shut In Tool	5.00			4175.00	
Hydraulic tool	5.00			4180.00	
Packer	5.00			4185.00	20.00 Bottom Of Top Packer
Packer	4.00			4189.00	
Stubb	1.00			4190.00	
Recorder	0.00	6771	Inside	4190.00	
Recorder	0.00	8368	Outside	4190.00	
Perforations	31.00			4221.00	
Bullnose	5.00			4226.00	37.00 Bottom Packers & Anchor
Total Tool Length:	57.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38838 **DST#: 6**
Test Start: 2010.05.10 @ 05:50:23

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: 67.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.70 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

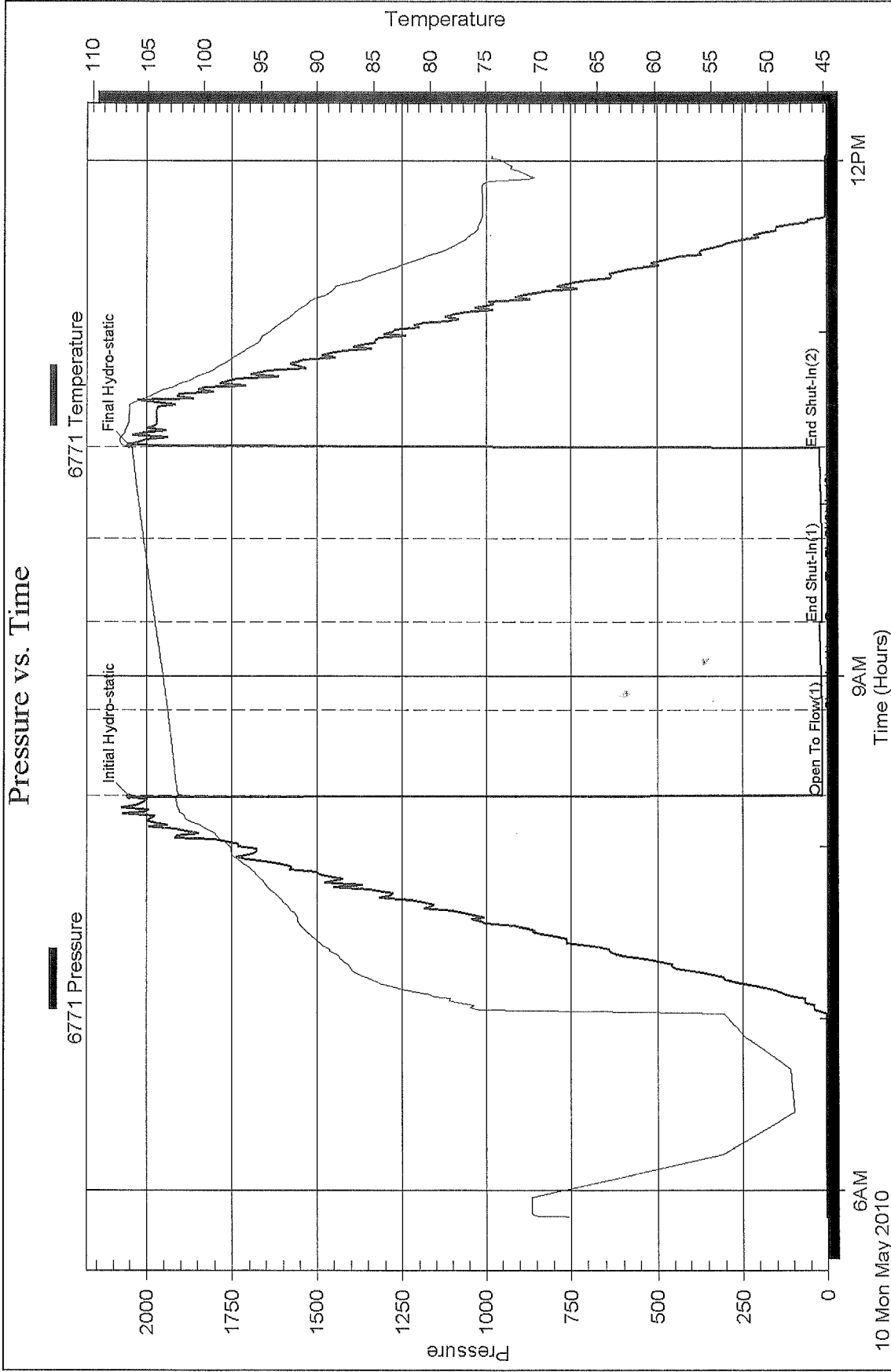
Recovery Information

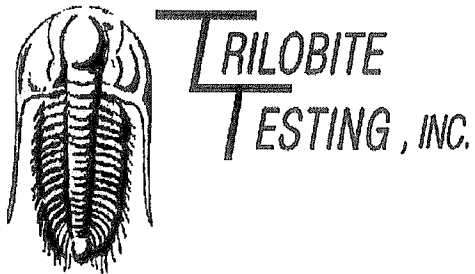
Recovery Table

Length ft	Description	Volume bbl
1.00	mud 100% _m	0.005

Total Length: 1.00 ft Total Volume: 0.005 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: **Brito Oil Co., Inc.**

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206

ATTN: Jeff Christian

12-15s-33w Logan KS

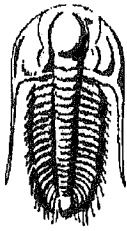
Fairleigh #1-12

Start Date: 2010.05.11 @ 05:40:31

End Date: 2010.05.11 @ 12:15:25

Job Ticket #: 38839 DST #: 7

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Brito Oil Co., Inc.

1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12

12-15s-33w Logan KS

Job Ticket: 38839

DST#: 7

Test Start: 2010.05.11 @ 05:40:31

GENERAL INFORMATION:

Formation: **Cherokee-Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:51:56

Time Test Ended: 12:15:25

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4307.00 ft (KB) To 4390.00 ft (KB) (TVD)**

Reference Elevations: 2798.00 ft (KB)

Total Depth: 4390.00 ft (KB) (TVD)

2793.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6771 Inside

Press@RunDepth: 27.85 psig @ 4308.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.05.11

End Date: 2010.05.11

Last Calib.: 2010.05.11

Start Time: 05:40:31

End Time: 12:02:25

Time On Btm: 2010.05.11 @ 07:51:41

Time Off Btm: 2010.05.11 @ 09:53:41

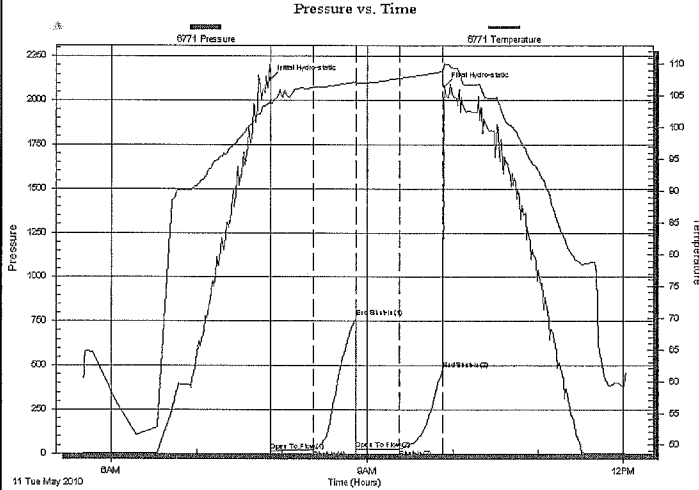
TEST COMMENT: 1/2" in blow died back to 1/4" in.

No return

No blow

No return

PRESSURE SUMMARY



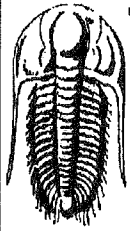
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2120.59	104.34	Initial Hydro-static
1	16.39	103.89	Open To Flow (1)
31	21.46	106.34	Shut-In(1)
61	771.56	107.20	End Shut-In(1)
61	23.79	106.78	Open To Flow (2)
91	27.85	107.79	Shut-In(2)
121	476.94	108.86	End Shut-In(2)
122	2080.42	110.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w/oil spots on top 100%m	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38839 **DST#:7**
Test Start: 2010.05.11 @ 05:40:31

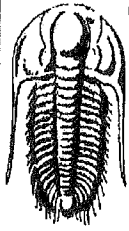
Tool Information

Drill Pipe:	Length: 4179.00 ft	Diameter: 3.80 inches	Volume: 58.62 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: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 59.21 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4307.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	83.00 ft			
Tool Length:	103.00 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			4288.00	
Shut In Tool	5.00			4293.00	
Hydraulic tool	5.00			4298.00	
Packer	5.00			4303.00	20.00 Bottom Of Top Packer
Packer *	4.00			4307.00	
Stubb	1.00			4308.00	
Recorder	0.00	6771	Inside	4308.00	
Recorder	0.00	8368	Outside	4308.00	
Perforations	12.00			4320.00	
Change Over Sub	1.00			4321.00	
Drill Pipe	63.00			4384.00	
Change Over Sub	1.00			4385.00	
Bullnose	5.00			4390.00	83.00 Bottom Packers & Anchor

Total Tool Length: 103.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Brito Oil Co., Inc.
1700 N Waterfront Pkwy
Bldg 300 Suite C
Wichita KS 67206
ATTN: Jeff Christian

Fairleigh #1-12
12-15s-33w Logan KS
Job Ticket: 38839 **DST#:7**
Test Start: 2010.05.11 @ 05:40:31

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm-m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w/oil spots on top 100% m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6771

Inside

Brito Oil Co., Inc.

12-15e-33w Logan KS

DST Test Number: 7

Pressure vs. Time

