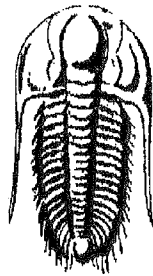


27-16s-27w

13-101-22020



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **White Rock Oil Co LLC**

[Handwritten signature]

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

¹⁶
27 ~~16~~ 27 Lane KS

Parr #1-~~27~~27-1

Start Date: 2007.05.22 @ 11:00:38

End Date: 2007.05.22 @ 19:10:02

Job Ticket #: 26472 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

White Rock Oil Co LLC

Parr #1-27

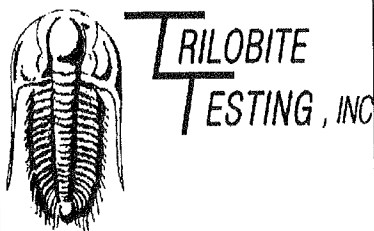
27 15 27 Lane KS

DST # 1

Topeka

2007.05.22

Township 15 16, not 15 as printed



DRILL STEM TEST REPORT

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26472

DST#: 1

ATTN: Steve Murphy

Test Start: 2007.05.22 @ 11:00:38

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:25:48

Time Test Ended: 19:10:02

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **3670.00 ft (KB) To 3691.00 ft (KB) (TVD)**

Reference Elevations: 2653.00 ft (KB)

Total Depth: 3691.00 ft (KB) (TVD)

2645.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: **6667**

Inside

Press@RunDepth: 104.62 psig @ 3671.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.05.22

End Date:

2007.05.22

Last Calib.: 2007.05.22

Start Time: 11:00:38

End Time:

18:59:02

Time On Btm: 2007.05.22 @ 13:25:18

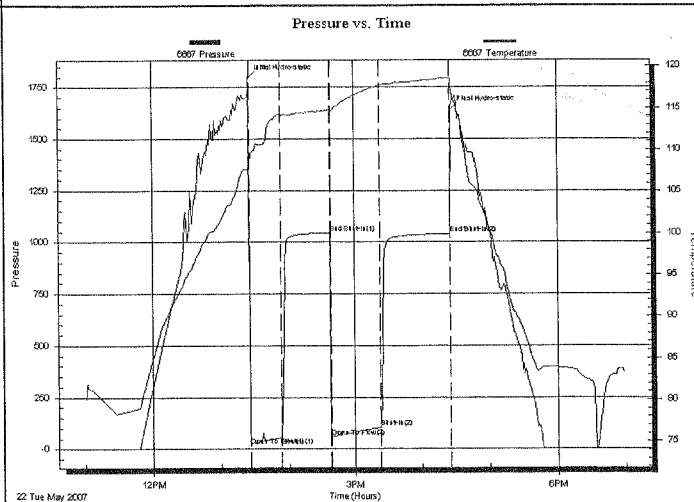
Time Off Btm: 2007.05.22 @ 16:26:32

TEST COMMENT: 9" blow

Weak surface return

BOB in 22 min.

Weak surface return



PRESSURE SUMMARY

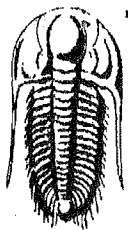
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1793.84	108.21	Initial Hydro-static
1	17.65	108.24	Open To Flow (1)
29	57.02	114.37	Shut-In(1)
74	1044.97	114.66	End Shut-In(1)
74	57.70	114.56	Open To Flow (2)
119	104.62	117.72	Shut-In(2)
181	1039.55	118.56	End Shut-In(2)
182	1639.81	118.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Free Oil 100%O	0.42
150.00	SO & MCW 3%O 12%M 85%W	2.10

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26472

DST#: 1

ATTN: Steve Murphy

Test Start: 2007.05.22 @ 11:00:38

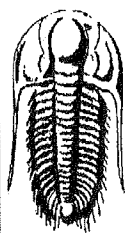
Tool Information

Drill Pipe:	Length: 3617.00 ft	Diameter: 3.80 inches	Volume: 50.74 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 50.89 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3670.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 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			3644.00	
Shut In Tool	5.00			3649.00	
Hydraulic tool	5.00			3654.00	
Jars	5.00			3659.00	
Safety Joint	2.00			3661.00	
Packer	5.00			3666.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	3670.00	
Stubb	1.00			3671.00	
Recorder	0.00	6667	Inside	3671.00	
Perforations	15.00			3686.00	
Recorder	0.00	11058	Inside	3686.00	
Bullnose	5.00			3691.00	21.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26472

DST#: 1

ATTN: Steve Murphy

Test Start: 2007.05.22 @ 11:00:38

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API: 36.5 deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 80000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.91 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Free Oil 100%O	0.419
150.00	SO & MCW 3%O 12%M 85%W	2.104

Total Length: 200.00 ft Total Volume: 2.523 bbl

Num Fluid Samples: 0

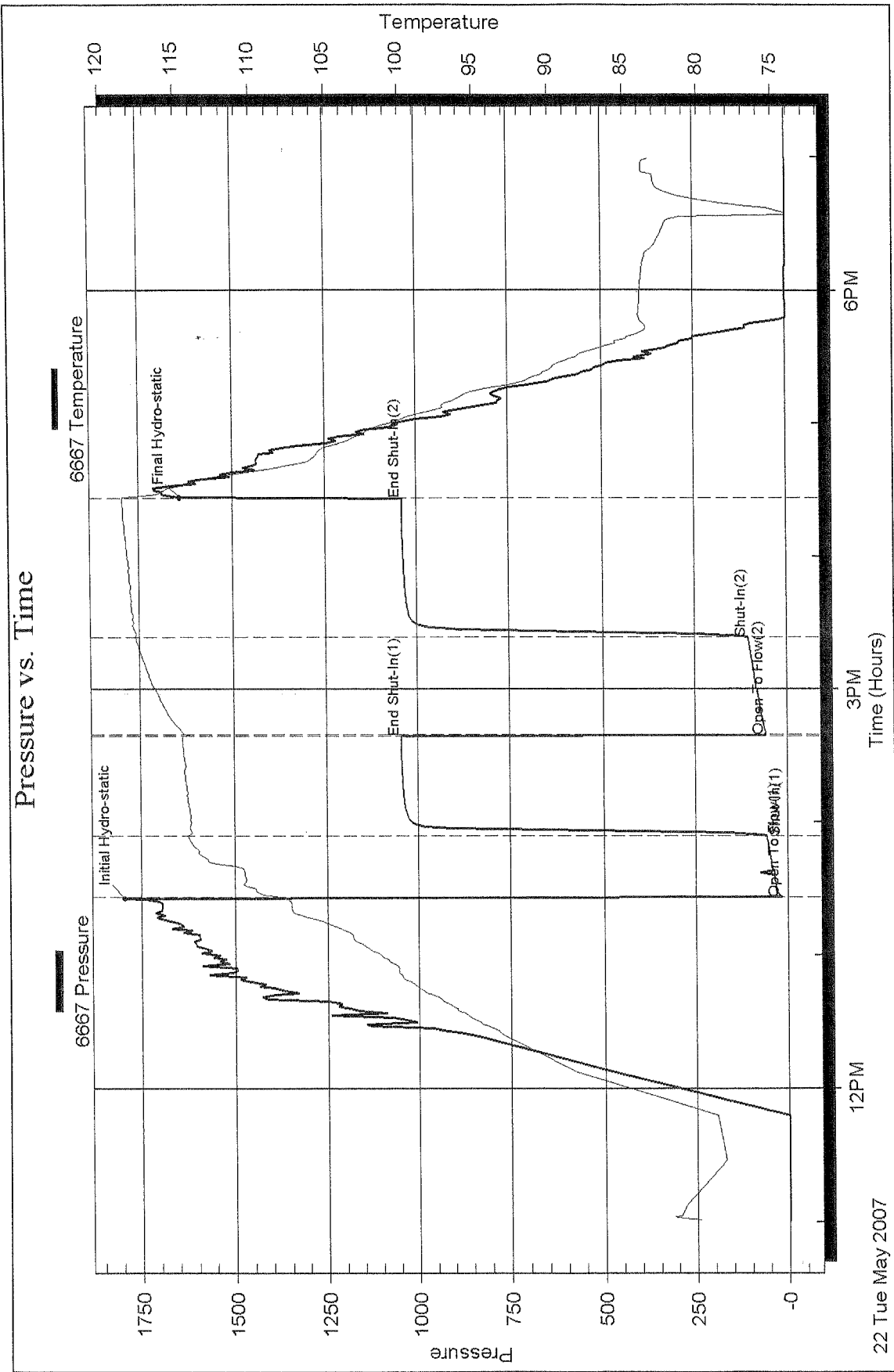
Num Gas Bombs: 0

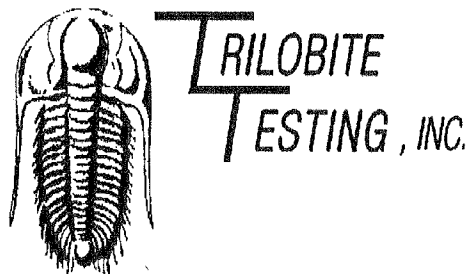
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **White Rock Oil Co LLC**

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

27 15 27 Lane KS

Parr #1-27

Start Date: 2007.05.23 @ 16:45:59

End Date: 2007.05.24 @ 00:30:08

Job Ticket #: 26473 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

White Rock Oil Co LLC

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

Parr #1-27

27 15 27 Lane KS

Job Ticket: 26473

DST#: 2

Test Start: 2007.05.23 @ 16:45:59

GENERAL INFORMATION:

Formation: **E,F,G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:11:09

Time Test Ended: 00:30:08

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: 3996.00 ft (KB) To 4042.00 ft (KB) (TVD)

Total Depth: 4042.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2653.00 ft (KB)

2645.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667

Inside

Press@RunDepth: 655.67 psig @ 3997.00 ft (KB)

Start Date: 2007.05.23

End Date: 2007.05.24

Start Time: 16:45:59

End Time: 00:14:08

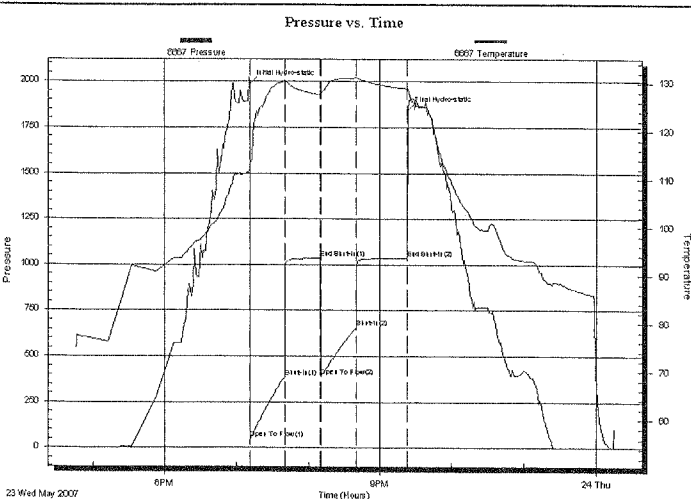
Capacity: 7000.00 psig

Last Calib.: 2007.05.24

Time On Btm: 2007.05.23 @ 19:10:39

Time Off Btm: 2007.05.23 @ 21:23:38

TEST COMMENT: BOB in 5 min.
No return
BOB in 5 min.
No return



PRESSURE SUMMARY

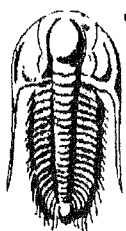
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1987.06	112.07	Initial Hydro-static
1	51.36	113.26	Open To Flow (1)
29	386.84	130.27	Shut-In (1)
59	1035.87	127.45	End Shut-In (1)
60	389.04	127.28	Open To Flow (2)
90	655.67	131.02	Shut-In (2)
133	1036.67	128.74	End Shut-In (2)
133	1844.03	128.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1860.00	100%W	25.81

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26473

DST#: 2

ATTN: Steve Murphy

Test Start: 2007.05.23 @ 16:45:59

Tool Information

Drill Pipe:	Length: 3958.00 ft	Diameter: 3.80 inches	Volume: 55.52 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 75000.00 lb
		Total Volume: 55.67 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3996.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	46.00 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
Change Over Sub	1.00			3970.00	
Shut In Tool	5.00			3975.00	
Hydraulic tool	5.00			3980.00	
Jars	5.00			3985.00	
Safety Joint	2.00			3987.00	
Packer	5.00			3992.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	3996.00	
Stubb	1.00			3997.00	
Recorder	0.00	6667	Inside	3997.00	
Perforations	7.00			4004.00	
Change Over Sub	1.00			4005.00	
Drill Pipe	31.00			4036.00	
Change Over Sub	1.00			4037.00	
Recorder	0.00	11058	Inside	4037.00	
Bullnose	5.00			4042.00	46.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26473

DST#: 2

ATTN: Steve Murphy

Test Start: 2007.05.23 @ 16:45:59

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:

56000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 95.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1860.00	100%W	25.809

Total Length: 1860.00 ft

Total Volume: 25.809 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

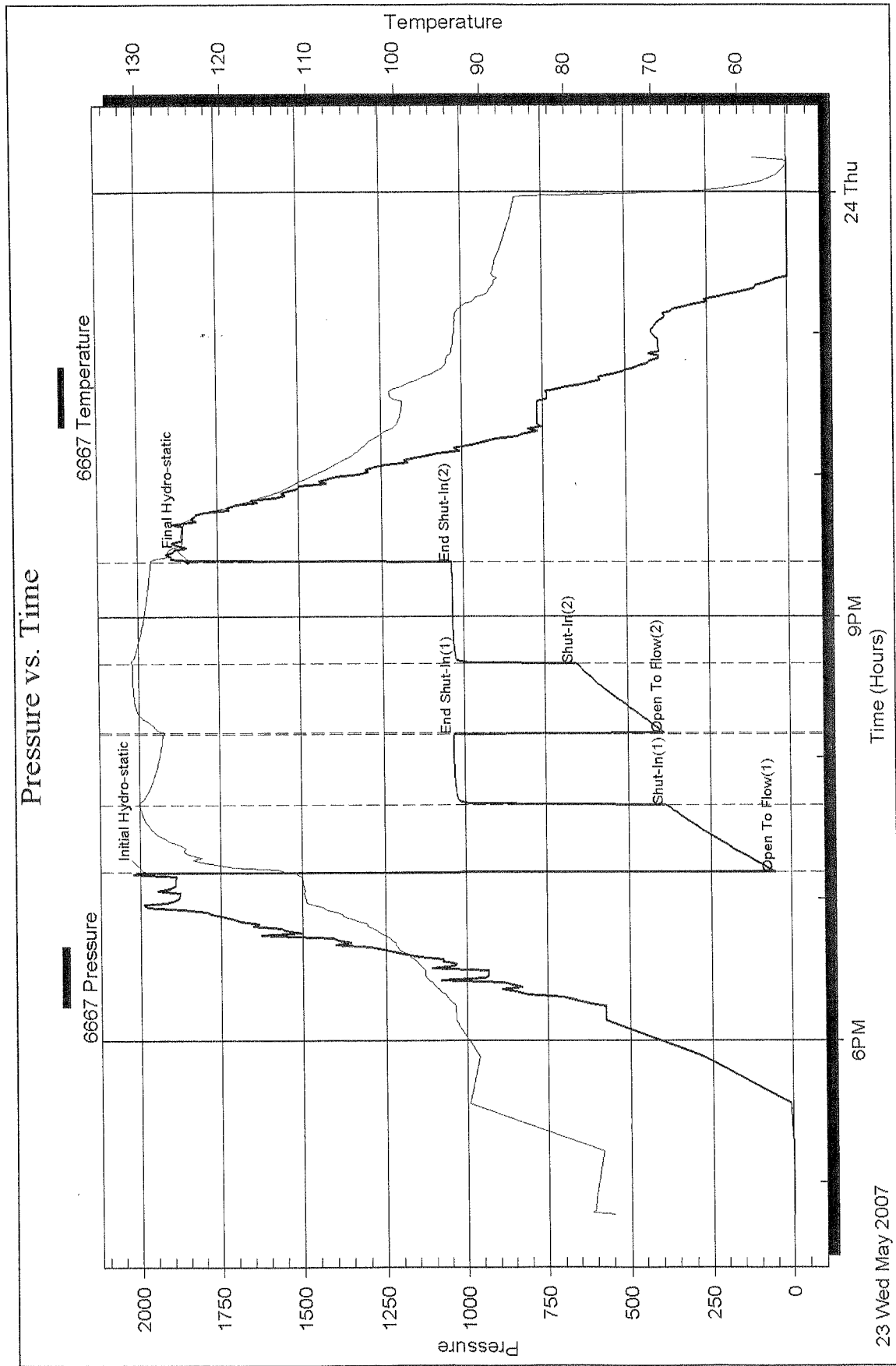
Serial #:

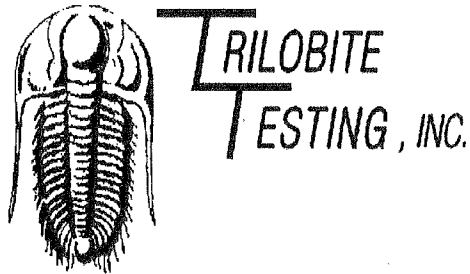
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **White Rock Oil Co LLC**

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

27 15 27 Lane KS

Parr #1-27

Start Date: 2007.05.24 @ 15:43:38

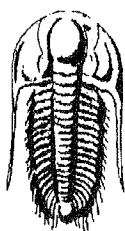
End Date: 2007.05.24 @ 21:50:02

Job Ticket #: 26474 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

White Rock Oil Co LLC

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

Parr #1-27

27 15 27 Lane KS

Job Ticket: 26474

DST#: 3

Test Start: 2007.05.24 @ 15:43:38

GENERAL INFORMATION:

Formation: H-I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:43:18

Time Test Ended: 21:50:02

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: 4078.00 ft (KB) To 4170.00 ft (KB) (TVD)

Total Depth: 4170.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2653.00 ft (KB)

2645.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667

Inside

Press@RunDepth: 35.83 psig @ 4079.00 ft (KB)

Start Date: 2007.05.24

End Date:

2007.05.24

Start Time: 15:43:38

End Time:

21:37:02

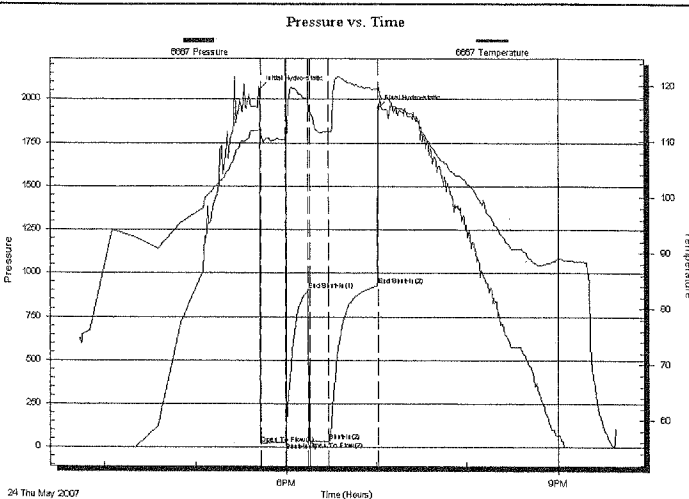
Capacity: 7000.00 psig

Last Calib.: 2007.05.24

Time On Btm: 2007.05.24 @ 17:42:48

Time Off Btm: 2007.05.24 @ 19:01:33

TEST COMMENT: 1/2 " blow died back to weak surface blow
No return
Weak surface blow in 10 min.
No return



PRESSURE SUMMARY

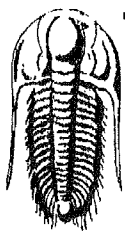
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2055.60	112.06	Initial Hydro-static
1	19.78	111.23	Open To Flow (1)
17	31.85	110.37	Shut-In(1)
32	900.12	117.58	End Shut-In(1)
33	32.86	115.18	Open To Flow (2)
46	35.83	111.73	Shut-In(2)
79	927.93	119.40	End Shut-In(2)
79	1946.57	119.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100%M	0.07

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26474

DST#: 3

ATTN: Steve Murphy

Test Start: 2007.05.24 @ 15:43:38

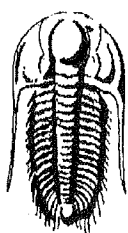
Tool Information

Drill Pipe:	Length: 4047.00 ft	Diameter: 3.80 inches	Volume: 56.77 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	56.92 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	4078.00 ft			Final	47000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	92.00 ft				
Tool Length:	119.00 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			4052.00	
Shut In Tool	5.00			4057.00	
Hydraulic tool	5.00			4062.00	
Jars	5.00			4067.00	
Safety Joint	2.00			4069.00	
Packer	5.00			4074.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	4078.00	
Stubb	1.00			4079.00	
Recorder	0.00	6667	Inside	4079.00	
Perforations	21.00			4100.00	
Change Over Sub	1.00			4101.00	
Drill Pipe	63.00			4164.00	
Change Over Sub	1.00			4165.00	
Recorder	0.00	11058	Inside	4165.00	
Bullnose	5.00			4170.00	92.00 Bottom Packers & Anchor

Total Tool Length: 119.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26474

DST#: 3

ATTN: Steve Murphy

Test Start: 2007.05.24 @ 15:43:38

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: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.74 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

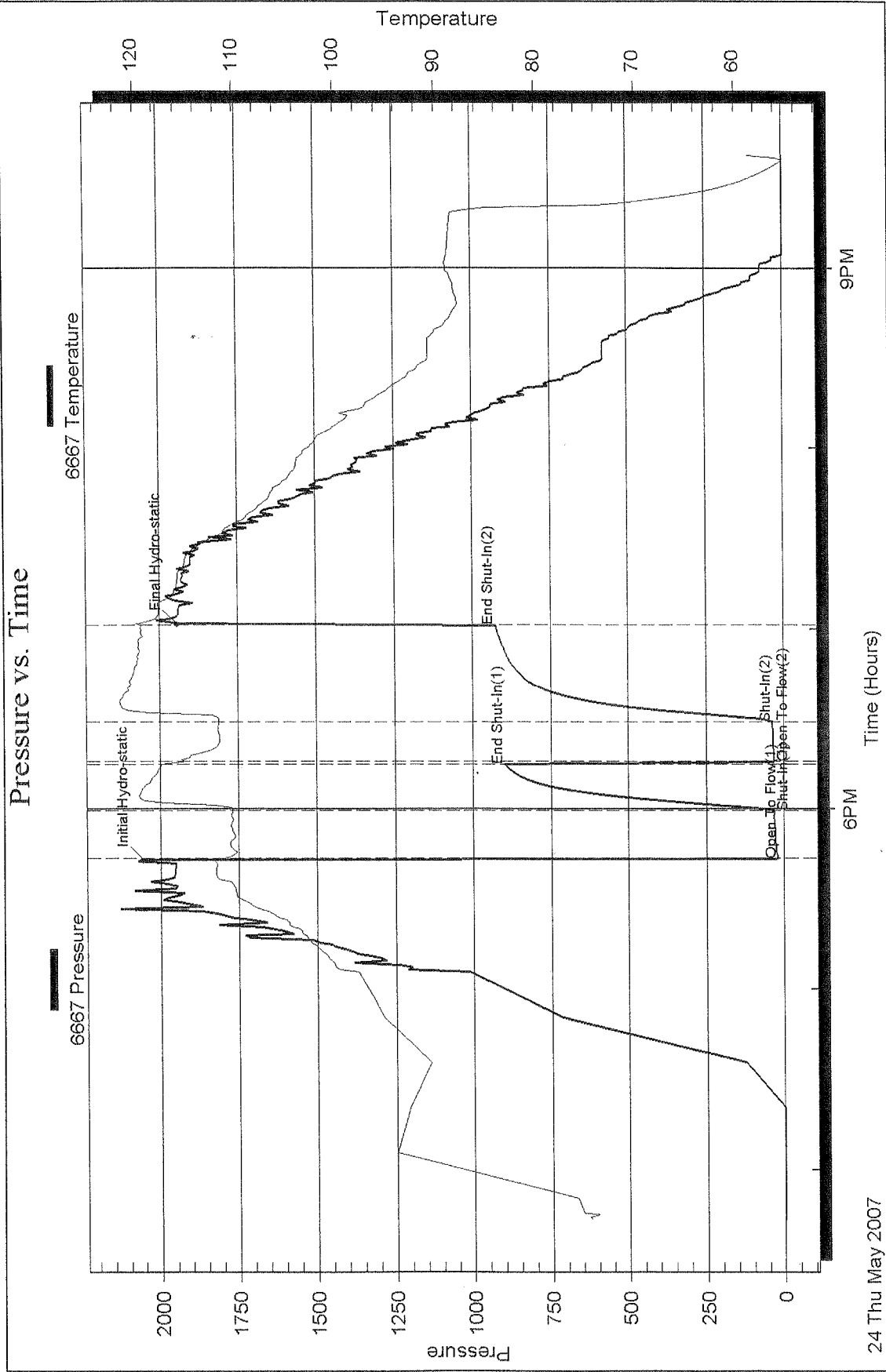
Inside

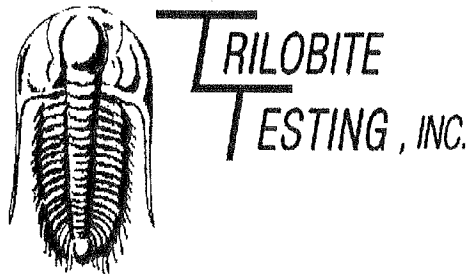
White Rock Oil Co LLC

27 15 27 Lane KS

DST Test Number: 3

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **White Rock Oil Co LLC**

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

27 15 27 Lane KS

Parr #1-27

Start Date: 2007.05.25 @ 11:00:15

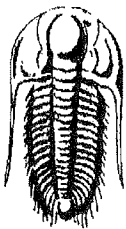
End Date: 2007.05.25 @ 17:20:24

Job Ticket #: 26475 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

White Rock Oil Co LLC

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

Parr #1-27

27 15 27 Lane KS

Job Ticket: 26475

DST#: 4

Test Start: 2007.05.25 @ 11:00:15

GENERAL INFORMATION:

Formation: **KC**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 13:23:40

Time Test Ended: 17:20:24

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: 4165.00 ft (KB) To 4235.00 ft (KB) (TVD)

Total Depth: 4235.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2653.00 ft (KB)

2645.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667

Inside

Press@RunDepth: 227.85 psig @ 4166.00 ft (KB)

Start Date: 2007.05.25

End Date: 2007.05.25

Start Time: 11:00:15

End Time: 17:11:24

Capacity: 7000.00 psig

Last Calib.: 2007.05.25

Time On Btm: 2007.05.25 @ 13:23:10

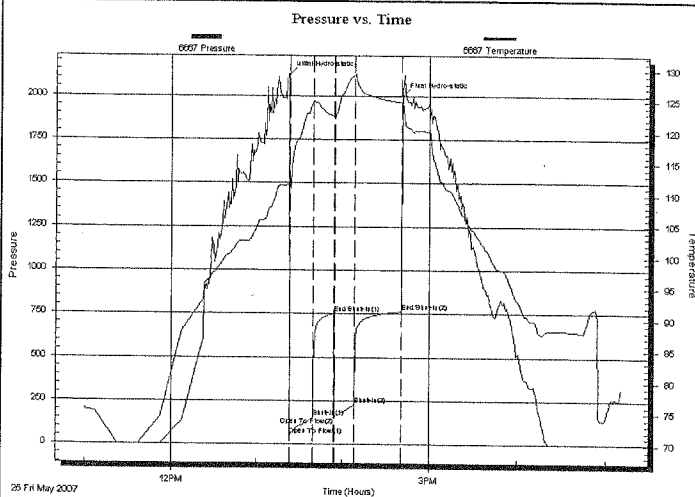
Time Off Btm: 2007.05.25 @ 14:41:25

TEST COMMENT: BOB in 6 1/2 min.

No return

BOB in 9 min.

No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2116.33	111.71	Initial Hydro-static
1	49.94	111.39	Open To Flow (1)
17	154.47	124.84	Shut-In(1)
31	750.49	122.60	End Shut-In(1)
32	154.27	122.58	Open To Flow (2)
46	227.85	129.26	Shut-In(2)
78	761.81	124.80	End Shut-In(2)
79	1997.96	124.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
300.00	SMCW 10%M 90%W	3.93

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26475

DST#: 4

ATTN: Steve Murphy

Test Start: 2007.05.25 @ 11:00:15

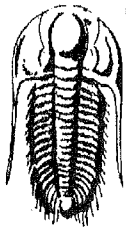
Tool Information

Drill Pipe:	Length: 4112.00 ft	Diameter: 3.80 inches	Volume: 57.68 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	75000.00 lb
		Total Volume:	57.83 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	4165.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	70.00 ft				
Tool Length:	97.00 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			4139.00	
Shut In Tool	5.00			4144.00	
Hydraulic tool	5.00			4149.00	
Jars	5.00			4154.00	
Safety Joint	2.00			4156.00	
Packer	5.00			4161.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	4165.00	
Stubb	1.00			4166.00	
Recorder	0.00	6667	Inside	4166.00	
Perforations	30.00			4196.00	
Change Over Sub	1.00			4197.00	
Drill Pipe	32.00			4229.00	
Change Over Sub	1.00			4230.00	
Recorder	0.00	11058	Inside	4230.00	
Bullnose	5.00			4235.00	70.00 Bottom Packers & Anchor

Total Tool Length: 97.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 26475

DST#: 4

ATTN: Steve Murphy

Test Start: 2007.05.25 @ 11:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 9.55 in³

Resistivity: 0.00 ohm.m

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

51000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
300.00	SMCW 10%M 90%W	3.926

Total Length: 300.00 ft

Total Volume: 3.926 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

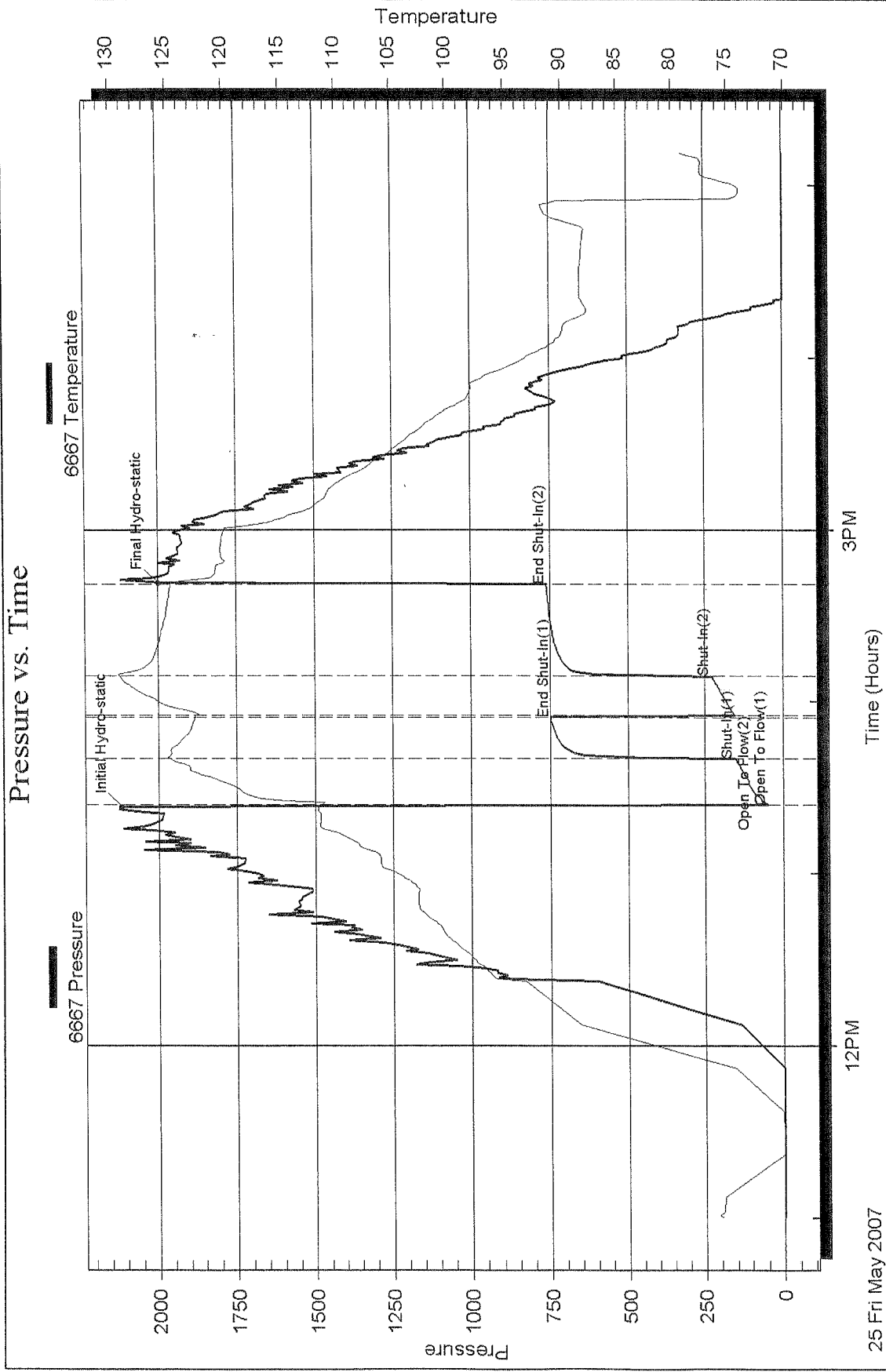
Inside

White Rock Oil Co LLC

27 15 27 Lane KS

DST Test Number: 4

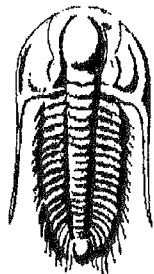
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 26475

Printed: 2007.05.31 @ 11:54:11 Page 5



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **White Rock Oil Co LLC**

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

27 15 27 Lane KS

Parr #1-27

Start Date: 2007.05.26 @ 16:50:45

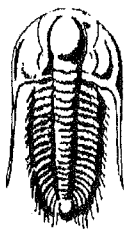
End Date: 2007.05.26 @ 22:25:39

Job Ticket #: 27701 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

White Rock Oil Co LLC

10603 S Waverly St
Olathe KS 66061

ATTN: Steve Murphy

Parr #1-27

27 15 27 Lane KS

Job Ticket: 27701

DST#: 5

Test Start: 2007.05.26 @ 16:50:45

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:55:25

Time Test Ended: 22:25:39

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **4411.00 ft (KB) To 4450.00 ft (KB) (TVD)**

Total Depth: 4450.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2653.00 ft (KB)

2645.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6667

Inside

Press@RunDepth: 66.71 psig @ 4412.00 ft (KB)

Start Date: 2007.05.26

End Date: 2007.05.26

Start Time: 16:50:45

End Time: 22:16:39

Capacity: 7000.00 psig

Last Calib.: 2007.05.26

Time On Btm: 2007.05.26 @ 18:54:40

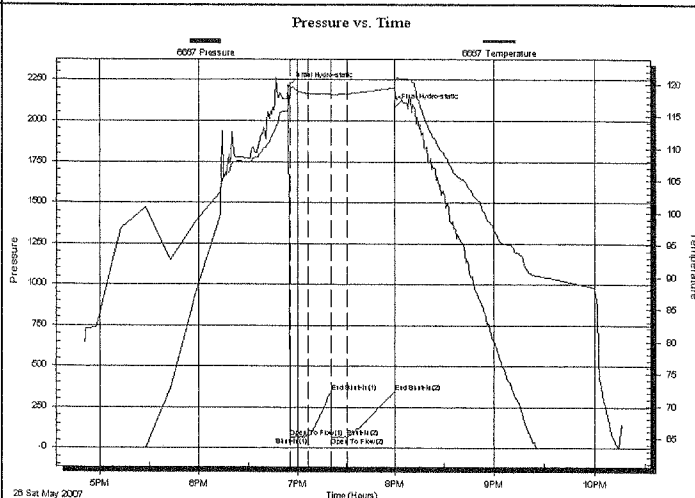
Time Off Btm: 2007.05.26 @ 20:00:10

TEST COMMENT: 5" blow @ open (bled off mud blow) no blow 9' fill on bottom

No return

No blow

No return



PRESSURE SUMMARY

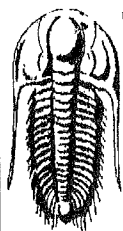
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.80	116.11	Initial Hydro-static
1	64.35	119.02	Open To Flow (1)
12	64.87	118.53	Shut-In(1)
26	345.68	118.56	End Shut-In(1)
27	65.69	118.45	Open To Flow (2)
36	66.71	118.51	Shut-In(2)
66	344.80	119.46	End Shut-In(2)
66	2084.56	120.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	Mud 100%M	1.75

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 27701

DST#: 5

ATTN: Steve Murphy

Test Start: 2007.05.26 @ 16:50:45

Tool Information

Drill Pipe:	Length: 4361.00 ft	Diameter: 3.80 inches	Volume: 61.17 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: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 85000.00 lb
			Total Volume: 61.32 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4411.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	66.00 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			4385.00	
Shut In Tool	5.00			4390.00	
Hydraulic tool	5.00			4395.00	
Jars	5.00			4400.00	
Safety Joint	2.00			4402.00	
Packer	5.00			4407.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	4411.00	
Stubb	1.00			4412.00	
Recorder	0.00	6667	Inside	4412.00	
Perforations	33.00			4445.00	
Recorder	0.00	11058	Inside	4445.00	
Bullnose	5.00			4450.00	39.00 Bottom Packers & Anchor
Total Tool Length:		66.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

White Rock Oil Co LLC

Parr #1-27

10603 S Waverly St
Olathe KS 66061

27 15 27 Lane KS

Job Ticket: 27701

DST#: 5

ATTN: Steve Murphy

Test Start: 2007.05.26 @ 16:50:45

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 10.37 in³

Resistivity: 0.00 ohm.m

Salinity: 3100.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
145.00	Mud 100%M	1.752

Total Length: 145.00 ft

Total Volume: 1.752 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

