

DRILL STEM TEST REPORT

Prepared For: **Trees Oil Co**

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

25 18 32 Scott KS

McKean Reuter #25-1

Start Date: 2007.06.26 @ 16:25:45

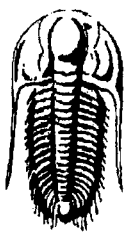
End Date: 2007.06.26 @ 23:30:39

Job Ticket #: 27708 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Trees Oil Co

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

McKean Reuter #25-1

25 18 32 Scott KS

Job Ticket: 27708

DST#: 1

Test Start: 2007.06.26 @ 16:25:45

GENERAL INFORMATION:

Formation: **C-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:31:25

Time Test Ended: 23:30:39

Test Type: Conventional Bottom Hole

Tester: Shane McBride

Unit No: 40

Interval: **3940.00 ft (KB) To 3976.00 ft (KB) (TVD)**

Total Depth: 3976.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6667

Inside

Press@RunDepth: 872.25 psig @ 3941.00 ft (KB)

Start Date: 2007.06.26

End Date:

2007.06.26

Start Time: 16:25:45

End Time:

23:17:39

Capacity: 7000.00 psig

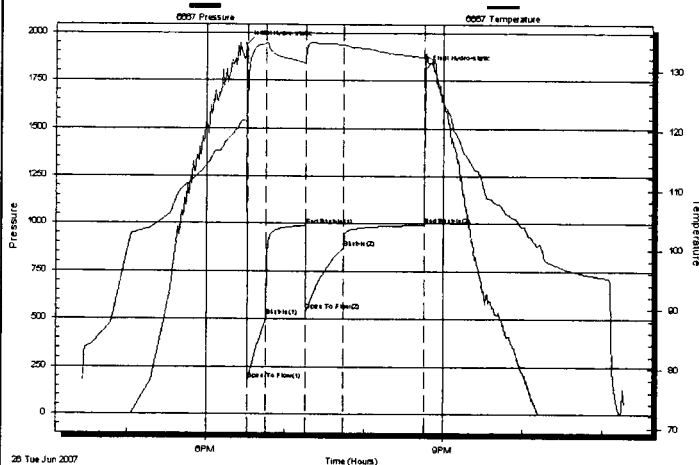
Last Calib.: 2007.06.26

Time On Btm: 2007.06.26 @ 18:30:40

Time Off Btm: 2007.06.26 @ 20:46:24

TEST COMMENT: BOB in 1 1/2 min.
No return
BOB in 2 1/2 min.
No return

Pressure vs. Time



PRESSURE SUMMARY

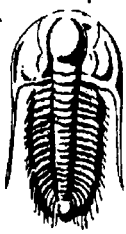
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.75	121.43	Initial Hydro-static
1	179.59	124.03	Open To Flow (1)
15	511.64	134.61	Shut-In (1)
45	989.77	131.36	End Shut-In (1)
46	540.19	131.92	Open To Flow (2)
74	872.25	134.36	Shut-In (2)
136	992.98	132.24	End Shut-In (2)
136	1808.88	132.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	MCW 40%M 60%W	1.40
60.00	SMCW 5%M 95%W	0.84
1684.00	water reversed out	23.62
120.00	MCW under circ sub 20%M 80%W	1.68

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trees Oil Co

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

McKean Reuter #25-1

25 18 32 Scott KS

Job Ticket: 27708

DST#: 1

Test Start: 2007.06.26 @ 16:25:45

Tool Information

Drill Pipe:	Length: 3945.00 ft	Diameter: 3.80 inches	Volume: 55.34 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 55.34 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3940.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 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
Change Over Sub	1.00			3914.00	
Shut In Tool	5.00			3919.00	
Hydraulic tool	5.00			3924.00	
Jars	5.00			3929.00	
Safety Joint	2.00			3931.00	
Packer	5.00			3936.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	3940.00	
Stubb	1.00			3941.00	
Recorder	0.00	6667	Inside	3941.00	
Perforations	30.00			3971.00	
Recorder	0.00	11058	Inside	3971.00	
Bullnose	5.00			3976.00	36.00 Bottom Packers & Anchor

Total Tool Length: 63.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Trees Oil Co

McKean Reuter #25-1

3552 E Douglas
Wichita KS 67208

25 18 32 Scott KS

Job Ticket: 27708

DST#: 1

ATTN: Tom Pronold

Test Start: 2007.06.26 @ 16:25:45

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:

41500 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	MCW 40%M 60%W	1.403
60.00	SMCW 5%M 95%W	0.842
1684.00	water reversed out	23.622
120.00	MCW under circ sub 20%M 80%W	1.683

Total Length: 1964.00 ft

Total Volume: 27.550 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw .146 @ 79*f = 41,500 chlorides

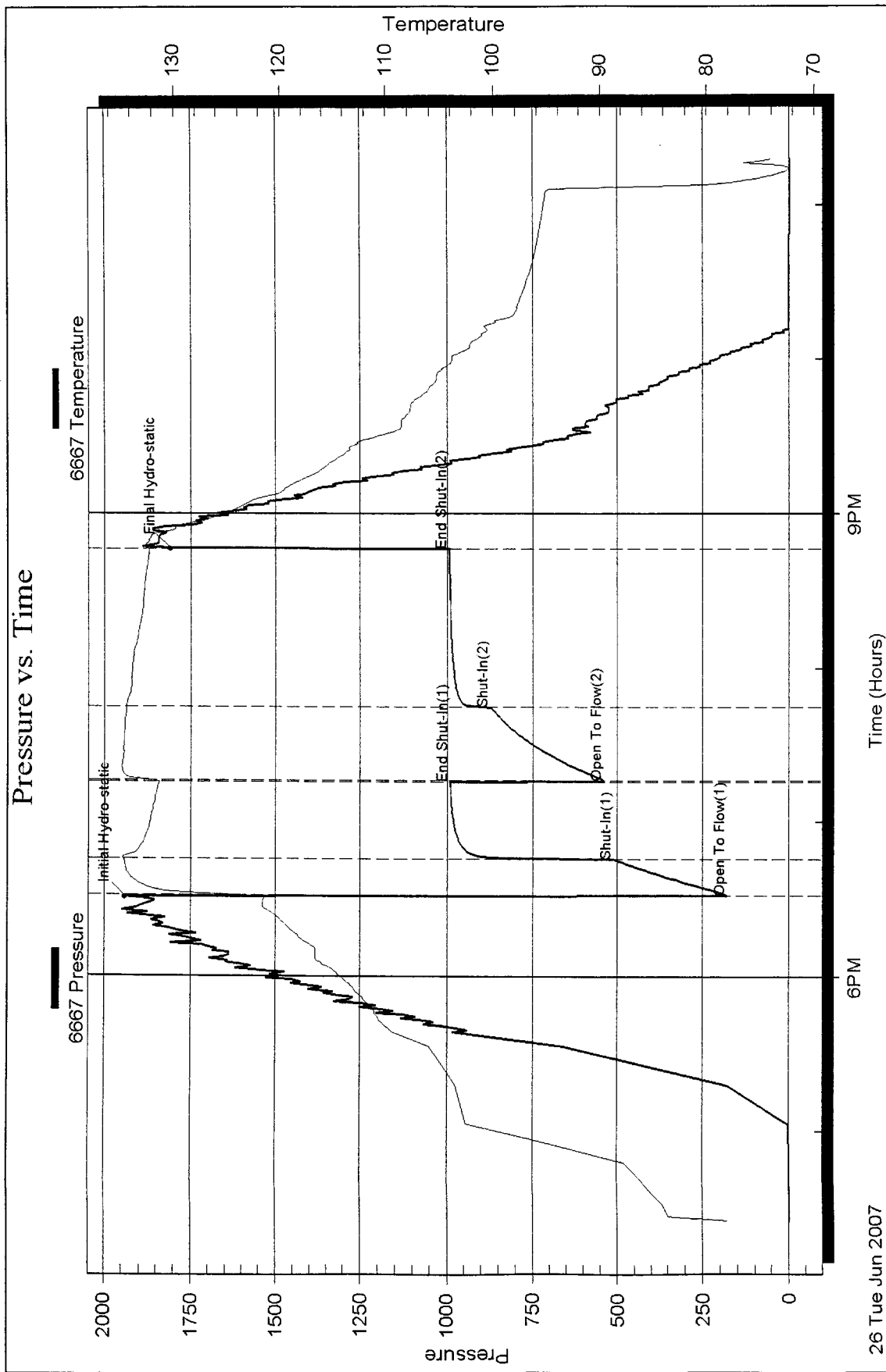
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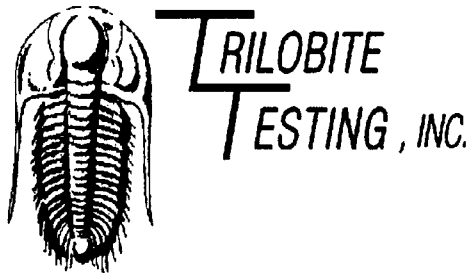
Inside

Trees Oil Co

25 18 32 Scott KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Trees Oil Co**

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

25 18 32 Scott KS

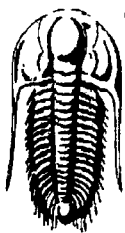
McKean Reuter #25-1

Start Date: 2007.06.27 @ 10:09:33

End Date: 2007.06.27 @ 15:40:57

Job Ticket #: 27709 DST #: 2

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



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TESTING, INC.

DRILL STEM TEST REPORT

Trees Oil Co

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

McKean Reuter #25-1

25 18 32 Scott KS

Job Ticket: 27709

DST#: 2

Test Start: 2007.06.27 @ 10:09:33

GENERAL INFORMATION:

Formation: **E**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 11:48:43
Time Test Ended: 15:40:57

Test Type: Conventional Bottom Hole
Tester: Shane McBride
Unit No: 40

Interval: **3994.00 ft (KB) To 4025.00 ft (KB) (TVD)**
Total Depth: **4025.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2970.00 ft (KB)**
2965.00 ft (CF)
KB to GR/CF: **5.00 ft**

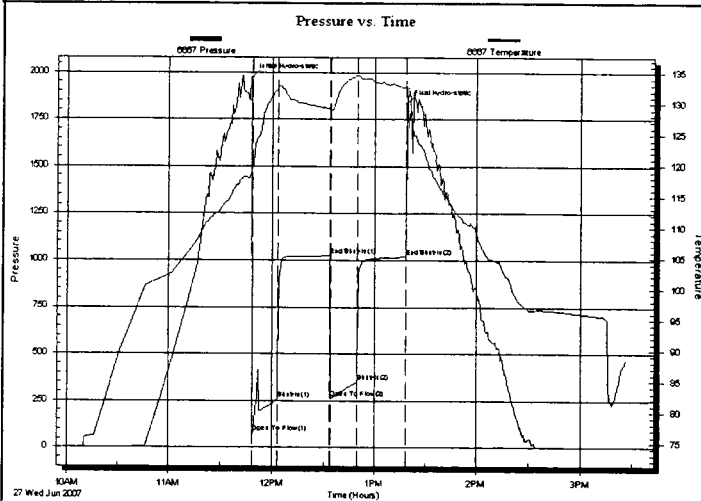
Serial #: 6667

Inside

Press@RunDepth: **350.55 psig @ 3995.00 ft (KB)**
Start Date: **2007.06.27** End Date: **2007.06.27**
Start Time: **10:09:33** End Time: **15:26:57**

Capacity: **7000.00 psig**
Last Calib.: **2007.06.27**
Time On Btm: **2007.06.27 @ 11:48:13**
Time Off Btm: **2007.06.27 @ 13:18:43**

TEST COMMENT: BOB in 1 1/2 min. (mud dropped 20' @ open set more weight dropped 30' filled hole mud stayed)
No return
BOB in 9 min.
No return



PRESSURE SUMMARY

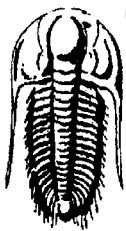
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.83	118.94	Initial Hydro-static
1	79.12	119.95	Open To Flow (1)
16	257.12	132.55	Shut-In(1)
46	1022.91	129.19	End Shut-In(1)
46	262.20	128.92	Open To Flow (2)
62	350.55	134.57	Shut-In(2)
91	1018.34	132.62	End Shut-In(2)
91	1832.74	132.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
154.00	SWCM 10%W 90%M	2.16
124.00	WCM 40%W 60%M	1.74
124.00	MCW 30%M 70%W	1.74
310.00	Water 100%W	4.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trees Oil Co

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

McKean Reuter #25-1

25 18 32 Scott KS

Job Ticket: 27709

DST#: 2

Test Start: 2007.06.27 @ 10:09:33

Tool Information

Drill Pipe:	Length: 3977.00 ft	Diameter: 3.80 inches	Volume: 55.79 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
			Total Volume: 55.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3994.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	31.00 ft				
Tool Length:	58.00 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			3968.00	
Shut In Tool	5.00			3973.00	
Hydraulic tool	5.00			3978.00	
Jars	5.00			3983.00	
Safety Joint	2.00			3985.00	
Packer	5.00			3990.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	3994.00	
Stubb	1.00			3995.00	
Recorder	0.00	6667	Inside	3995.00	
Perforations	25.00			4020.00	
Recorder	0.00	11058	Inside	4020.00	
Bullnose	5.00			4025.00	31.00 Bottom Packers & Anchor

Total Tool Length: 58.00



**TRILOBITE
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FLUID SUMMARY

Trees Oil Co

McKean Reuter #25-1

3552 E Douglas
Wichita KS 67208

25 18 32 Scott KS

Job Ticket: 27709

DST#: 2

ATTN: Tom Pronold

Test Start: 2007.06.27 @ 10:09:33

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 9.55 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:

0 deg API

Water Salinity:

38500 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
154.00	SWCM 10%W 90%M	2.160
124.00	WCM 40%W 60%M	1.739
124.00	MCW 30%M 70%W	1.739
310.00	Water 100%W	4.348

Total Length: 712.00 ft

Total Volume: 9.986 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

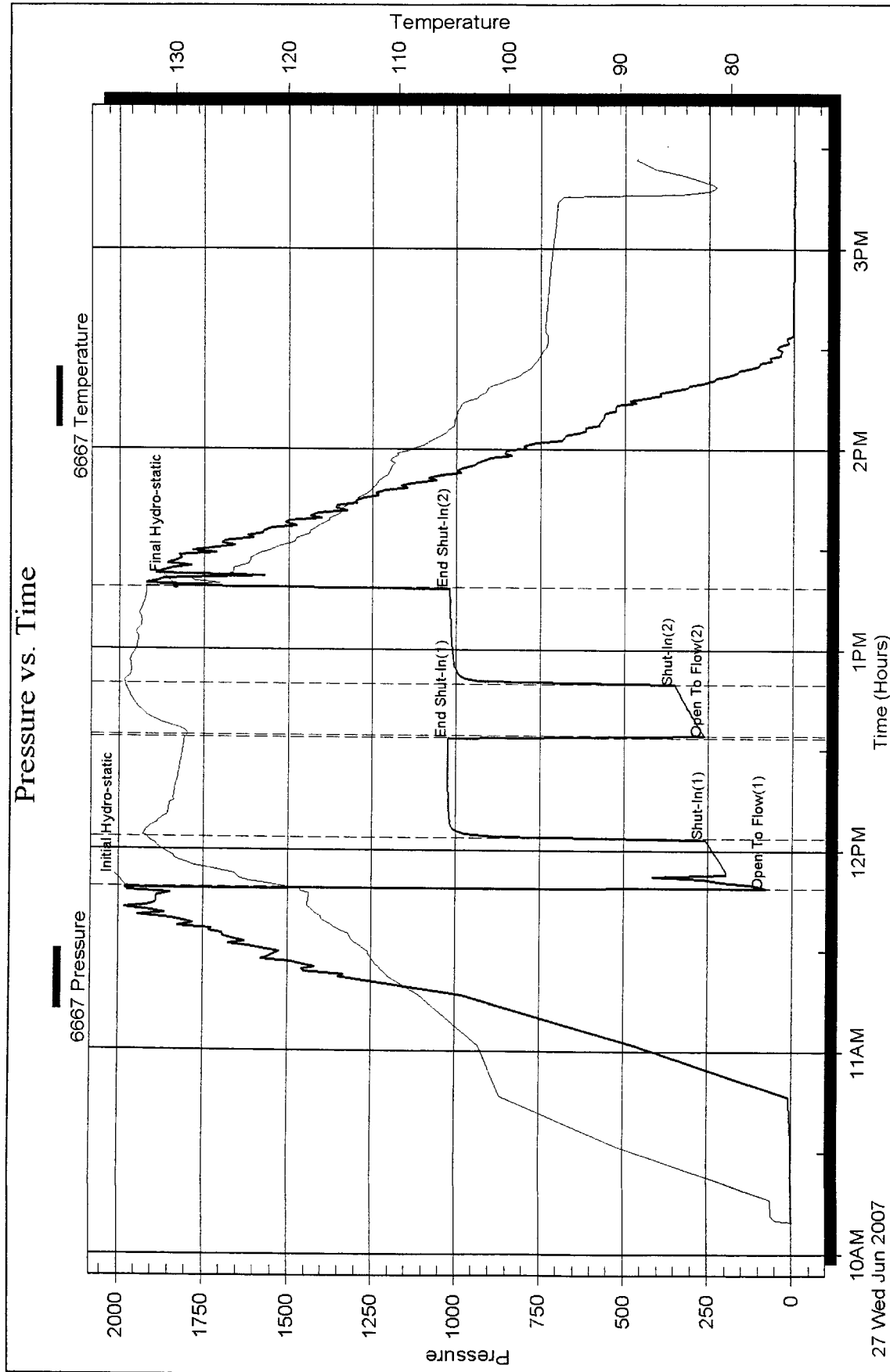
Serial #: 6667

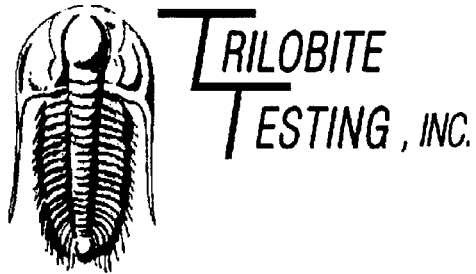
Inside

Trees Oil Co

25 18 32 Scott KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Trees Oil Co**

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

25 18 32 Scott KS

McKean Reuter #25-1

Start Date: 2007.06.28 @ 08:10:08

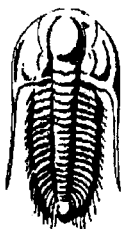
End Date: 2007.06.28 @ 14:55:32

Job Ticket #: 27710 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

Trees Oil Co

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

McKean Reuter #25-1

25 18 32 Scott KS

Job Ticket: 27710

DST#: 3

Test Start: 2007.06.28 @ 08:10:08

GENERAL INFORMATION:

Formation: **J**

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

Time Tool Opened: 09:53:33

Time Test Ended: 14:55:32

Test Type: **Conventional Bottom Hole**

Tester: **Shane McBride**

Unit No: **40**

Interval: 4162.00 ft (KB) To 4180.00 ft (KB) (TVD)

Total Depth: **4180.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **2970.00 ft (KB)**

2965.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6667

Inside

Press@RunDepth: **88.44 psig @ 4163.00 ft (KB)**

Start Date: **2007.06.28**

End Date:

2007.06.28

Start Time: **08:10:08**

End Time:

14:43:32

Capacity: **7000.00 psig**

Last Calib.: **2007.06.28**

Time On Btm: **2007.06.28 @ 09:53:18**

Time Off Btm: **2007.06.28 @ 12:51:47**

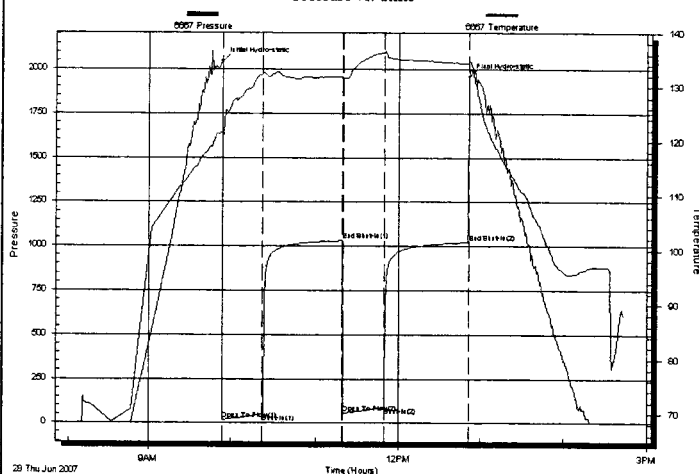
TEST COMMENT: **1/2 " @ open built to 5 "**

No return

Surface blow in 5 min. built to 1/4 "

No return

Pressure vs. Time



PRESSURE SUMMARY

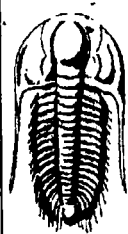
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2045.31	121.75	Initial Hydro-static
1	17.97	121.34	Open To Flow (1)
29	51.66	132.56	Shut-In(1)
86	1031.40	131.86	End Shut-In(1)
87	54.57	131.59	Open To Flow (2)
117	88.44	136.28	Shut-In(2)
178	1021.88	134.31	End Shut-In(2)
179	1957.09	134.51	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	WCM 45%W 55%M	0.56
120.00	SMCW 10%M 90%W	1.68

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Trees Oil Co

3552 E Douglas
Wichita KS 67208

ATTN: Tom Pronold

McKean Reuter #25-1

25 18 32 Scott KS

Job Ticket: 27710

DST#: 3

Test Start: 2007.06.28 @ 08:10:08

Tool Information

Drill Pipe:	Length: 4163.00 ft	Diameter: 3.80 inches	Volume: 58.40 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	58.40 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	4162.00 ft			Final	41000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 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			4136.00	
Shut In Tool	5.00			4141.00	
Hydraulic tool	5.00			4146.00	
Jars	5.00			4151.00	
Safety Joint	2.00			4153.00	
Packer	5.00			4158.00	27.00 Bottom Of Top Packer
Packer	4.00		Inside	4162.00	
Stubb	1.00			4163.00	
Recorder	0.00	6667	Inside	4163.00	
Perforations	12.00			4175.00	
Recorder	0.00	11058	Inside	4175.00	
Bullnose	5.00			4180.00	18.00 Bottom Packers & Anchor

Total Tool Length: 45.00



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3552 E Douglas
Wichita KS 67208

25 18 32 Scott KS

Job Ticket: 27710

DST#: 3

ATTN: Tom Pronold

Test Start: 2007.06.28 @ 08:10:08

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.19 in³

Resistivity: 0.00 ohm.m

Salinity: 3400.00 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:

63000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	WCM 45%W 55%M	0.561
120.00	SMCW 10%M 90%W	1.683

Total Length: 160.00 ft

Total Volume: 2.244 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

