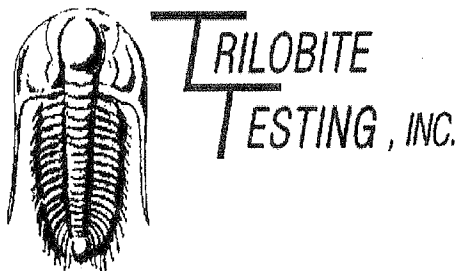


15-051-25516

3-12s-16w



DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**

PO Drawer 550
Hays KS 67601

ATTN: Terry W. Piesker

3 12 16W Ellis KS

Dreiling "F" # 34

Start Date: 2006.05.21 @ 10:46:13

End Date: 2006.05.21 @ 16:27:43

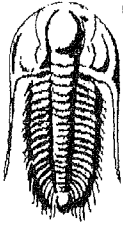
Job Ticket #: 25036 DST #: 1

15-051-25516-00-00

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Drilling Oil Inc
 PO Drawer 550
 Hays KS 67601
 ATTN: Terry W. Pesker

Drilling "F" # 34
 3 12 16W Ellis KS
 Job Ticket: 25036 DST#: 1
 Test Start: 2006.05.21 @ 10:46:13

GENERAL INFORMATION:

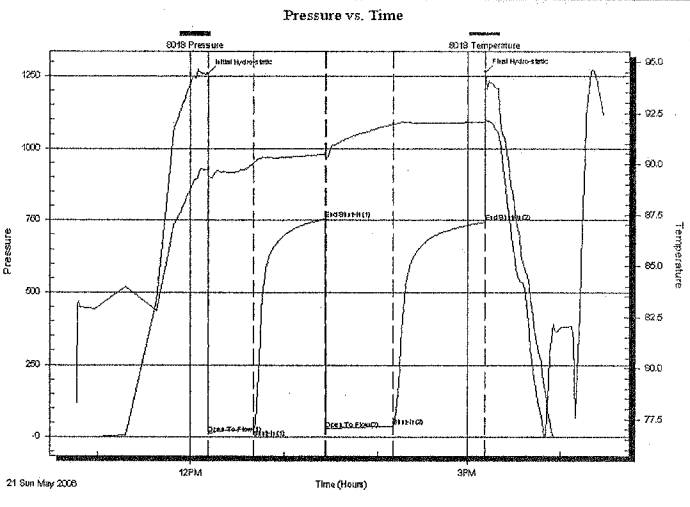
Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:11:43
 Time Test Ended: 16:27:43
 Interval: **2737.00 ft (KB) To 2760.00 ft (KB) (TVD)**
 Total Depth: 2760.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: John Schmidt
 Unit No: 31
 Reference Elevations: 1803.00 ft (KB)
 1795.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 38.38 psig @ 2739.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.05.21 End Date: 2006.05.21 Last Calib.: 2006.05.21
 Start Time: 10:46:18 End Time: 16:27:42 Time On Btm: 2006.05.21 @ 12:11:13
 Time Off Btm: 2006.05.21 @ 15:11:42

TEST COMMENT: IF Weak surf built to 2 in
 ISI Dead
 FF Weak surf built to 2 in
 FSI Dead



PRESSURE SUMMARY

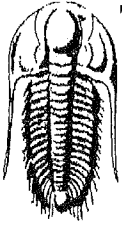
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1258.54	89.72	Initial Hydro-static
1	12.16	89.39	Open To Flow (1)
30	27.68	90.06	Shut-In(1)
75	753.50	90.49	End Shut-In(1)
76	28.72	90.29	Open To Flow (2)
120	38.38	91.96	Shut-In(2)
180	743.71	92.06	End Shut-In(2)
181	1264.95	92.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
59.00	WM 40%W 60%M	0.55
1.00	O	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Drilling Oil Inc

Drilling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25036

DST#: 1

ATTN: Terry W. Piesker

Test Start: 2006.05.21 @ 10:46:13

Tool Information

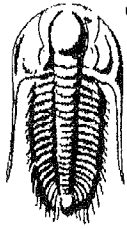
Drill Pipe:	Length: 2693.00 ft	Diameter: 3.80 inches	Volume: 37.78 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 31.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 37.93 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	2737.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	23.00 ft			
Tool Length:	43.00 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			2718.00	
Shut In Tool	5.00			2723.00	
Hydraulic tool	5.00			2728.00	
Packer	4.00			2732.00	20.00 Bottom Of Top Packer
Packer	5.00			2737.00	
Stubb	1.00			2738.00	
Perforations	1.00			2739.00	
Recorder	0.00	8018	Inside	2739.00	
Perforations	18.00			2757.00	
Recorder	0.00	13308	Outside	2757.00	
Bullnose	3.00			2760.00	23.00 Bottom Packers & Anchor

Total Tool Length: 43.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Inc

Dreiling "F" # 34

PO Draw er 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25036

DST#: 1

ATTN: Terry W. Plesker

Test Start: 2006.05.21 @ 10:46:13

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:

23000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
59.00	WM 40%W 60%M	0.545
1.00	O	0.014

Total Length: 60.00 ft Total Volume: 0.559 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

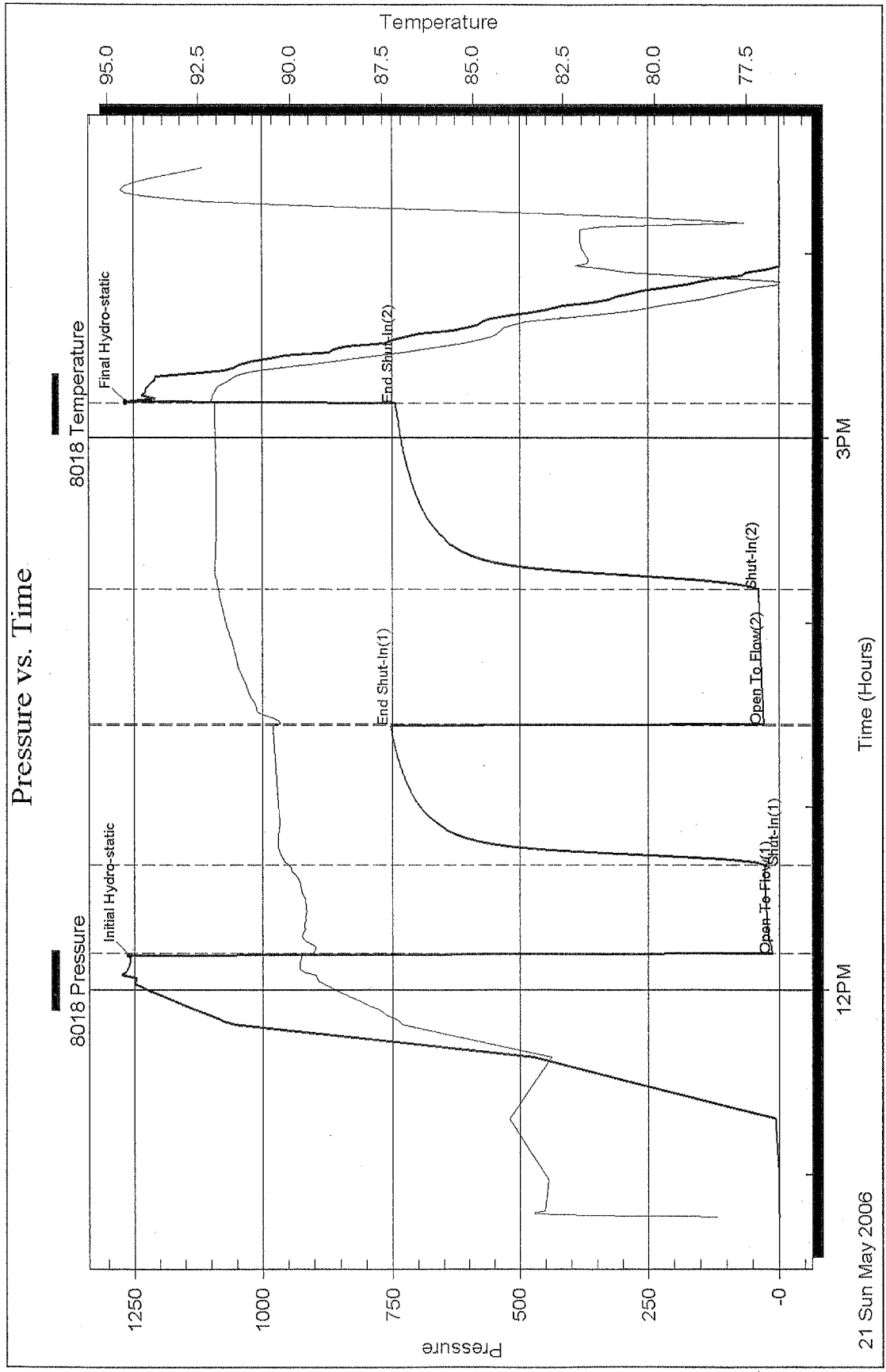
Serial #: 8018

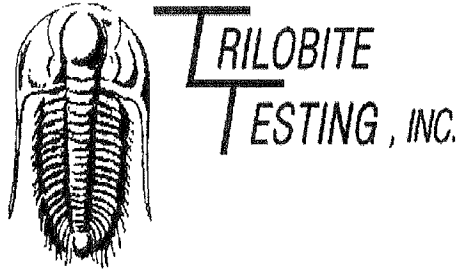
Inside

Dreiling Oil Inc

3 12 16W Ellis KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**

PO Drawer 550
Hays KS 67601

ATTN: Terry W. Piesker

3 12 16W Ellis KS

Dreiling "F" # 34

Start Date: 2006.05.22 @ 07:22:46

End Date: 2006.05.22 @ 12:31:16

Job Ticket #: 25037 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Inc

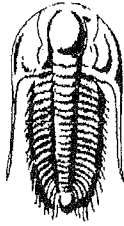
Dreiling "F" # 34

3 12 16W Ellis KS

DST # 2

Tor. to L.Kc.-D

2006.05.22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Drilling Oil Inc

PO Drawer 550
Hays KS 67601

ATTN: Terry W. Plesker

Drilling "F" # 34

3 12 16W Ellis KS

Job Ticket: 25037

DST#: 2

Test Start: 2006.05.22 @ 07:22:46

GENERAL INFORMATION:

Formation: **Tor. to L.Kc.-D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:54:16

Time Test Ended: 12:31:16

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **2962.00 ft (KB) To 3070.00 ft (KB) (TVD)**

Total Depth: 2760.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1803.00 ft (KB)

1795.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 273.86 psig @ 2966.00 ft (KB)

Start Date: 2006.05.22

End Date: 2006.05.22

Start Time: 07:22:51

End Time: 12:31:15

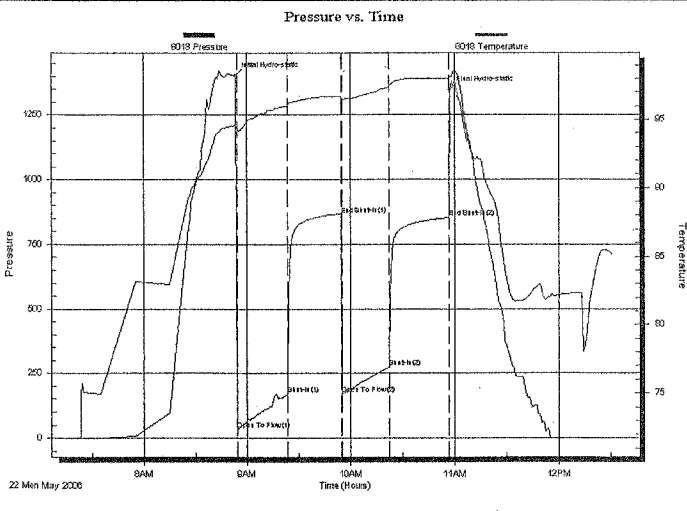
Capacity: 7000.00 psig

Last Calib.: 2006.05.22

Time On Btm: 2006.05.22 @ 08:53:16

Time Off Btm: 2006.05.22 @ 10:57:16

TEST COMMENT: IF Strong BOB 7"
ISI Dead
FF Strong BOB 9"
FSI Dead



PRESSURE SUMMARY

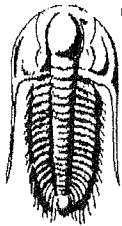
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1404.33	94.56	Initial Hydro-static
1	32.48	94.23	Open To Flow (1)
31	169.80	96.00	Shut-In(1)
62	865.02	96.69	End Shut-In(1)
62	169.15	96.49	Open To Flow (2)
90	273.86	97.39	Shut-In(2)
124	852.31	97.98	End Shut-In(2)
124	1346.02	98.11	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	MSW 45%M 55%W	6.73

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Inc

Dreiling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25037

DST#: 2

ATTN: Terry W. Plesker

Test Start: 2006.05.22 @ 07:22:46

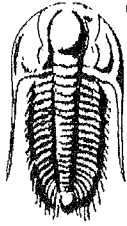
Tool Information

Drill Pipe:	Length: 2944.00 ft	Diameter: 3.80 inches	Volume: 41.30 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 55000.00 lb
			<u>Total Volume: 41.45 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	2962.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	108.00 ft			
Tool Length:	128.00 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			2943.00	
Shut In Tool	5.00			2948.00	
Hydraulic tool	5.00			2953.00	
Packer	4.00			2957.00	20.00 Bottom Of Top Packer
Packer	5.00			2962.00	
Stubb	1.00			2963.00	
Perforations	2.00			2965.00	
Change Over Sub	1.00			2966.00	
Recorder	0.00	8018	Inside	2966.00	
Blank Spacing	63.00			3029.00	
Recorder	0.00	11084	Outside	3029.00	
Blank Spacing	32.00			3061.00	
Change Over Sub	1.00			3062.00	
Perforations	5.00			3067.00	
Bullnose	3.00			3070.00	108.00 Bottom Packers & Anchor

Total Tool Length: 128.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Inc

Dreiling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25037

DST#: 2

ATTN: Terry W. Pesker

Test Start: 2006.05.22 @ 07:22:46

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:

34000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
500.00	MSW 45%M 55%W	6.731

Total Length: 500.00 ft

Total Volume: 6.731 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

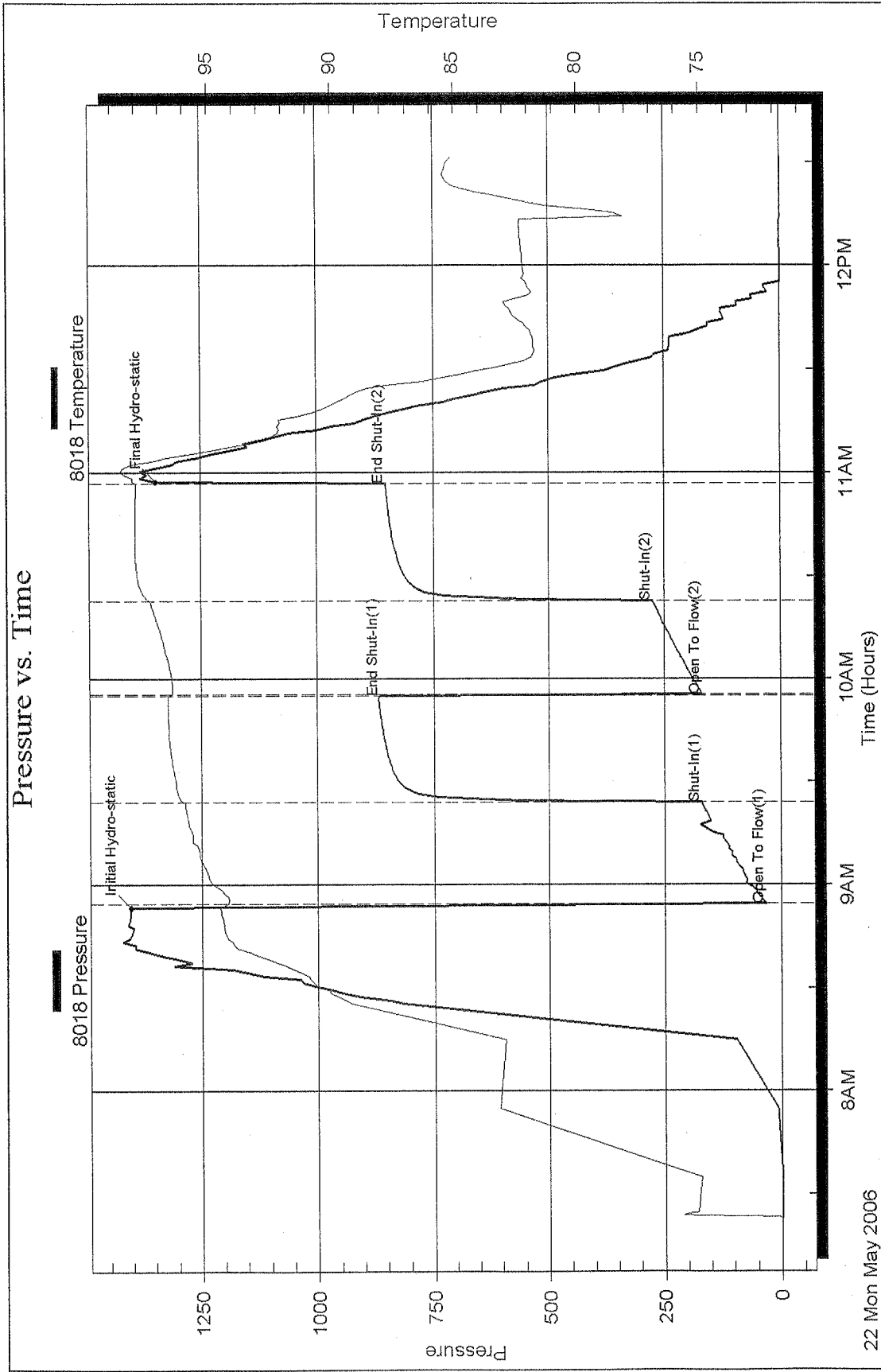
Inside

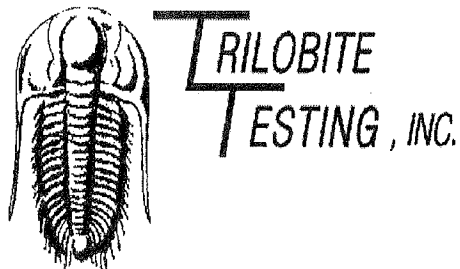
Drilling Oil Inc

3 12 16W Ellis KS

DST Test Number: 2

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**

PO Drawer 550
Hays KS 67601

ATTN: Terry W. Piesker

3 12 16W Ellis KS

Dreiling "F" # 34

Start Date: 2006.05.22 @ 19:58:00

End Date: 2006.05.23 @ 01:49:30

Job Ticket #: 25038 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Inc

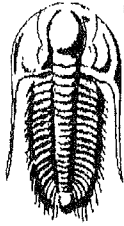
Dreiling "F" # 34

3 12 16W Ellis KS

DST # 3

L.K.C.-E & F

2006.05.22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dreiling Oil Inc
 PO Drawer 550
 Hays KS 67601
 ATTN: Terry W. Plesker

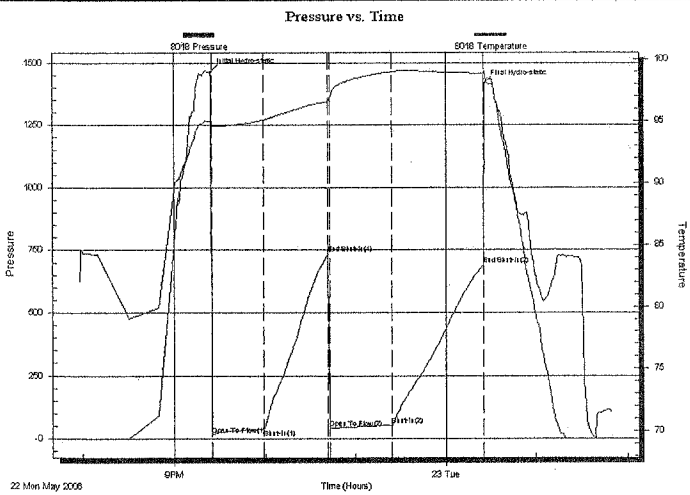
Dreiling "F" # 34
3 12 16W Ellis KS
 Job Ticket: 25038 **DST#: 3**
 Test Start: 2006.05.22 @ 19:58:00

GENERAL INFORMATION:

Formation: **L.Kc.-E & F**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole
 Time Tool Opened: 21:25:00 Tester: John Schmidt
 Time Test Ended: 01:49:30 Unit No: 31
 Interval: **3076.00 ft (KB) To 3105.00 ft (KB) (TVD)** Reference Elevations: 1803.00 ft (KB)
 Total Depth: 3105.00 ft (KB) (TVD) 1795.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 53.97 psig @ 3079.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.05.22 End Date: 2006.05.23 Last Calib.: 2006.05.23
 Start Time: 19:58:05 End Time: 01:49:29 Time On Btm: 2006.05.22 @ 21:24:30
 Time Off Btm: 2006.05.23 @ 00:25:29

TEST COMMENT: IF Weak surf built 3 in
 ISI Dead
 FF Weak surf built 2 in
 FSI Dead



PRESSURE SUMMARY

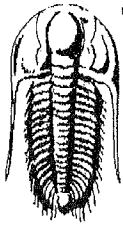
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1463.61	95.03	Initial Hydro-static
1	15.83	94.64	Open To Flow (1)
35	37.57	95.10	Shut-In (1)
77	735.82	96.60	End Shut-In (1)
78	41.04	96.82	Open To Flow (2)
120	53.97	98.99	Shut-In (2)
181	690.78	98.88	End Shut-In (2)
181	1416.23	98.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
91.00	MSW 20%M 80%W	0.99

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Inc

Dreiling "F" # 34

PO Draw er 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25038

DST#: 3

ATTN: Terry W. Flesker

Test Start: 2006.05.22 @ 19:58:00

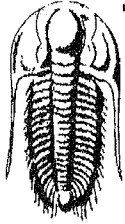
Tool Information

Drill Pipe:	Length: 3039.00 ft	Diameter: 3.80 inches	Volume: 42.63 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 54000.00 lb
			Total Volume: 42.78 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3076.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	49.00 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			3057.00	
Shut In Tool	5.00			3062.00	
Hydraulic tool	5.00			3067.00	
Packer	4.00			3071.00	20.00 Bottom Of Top Packer
Packer	5.00			3076.00	
Stubb	1.00			3077.00	
Perforations	2.00			3079.00	
Recorder	0.00	8018	Inside	3079.00	
Perforations	23.00			3102.00	
Recorder	0.00	13308	Outside	3102.00	
Bullnose	3.00			3105.00	29.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Drilling Oil Inc

Drilling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25038

DST#: 3

ATTN: Terry W. Pesker

Test Start: 2006.05.22 @ 19:58:00

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:

45000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
91.00	MSW 20%M 80%W	0.994

Total Length: 91.00 ft

Total Volume: 0.994 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

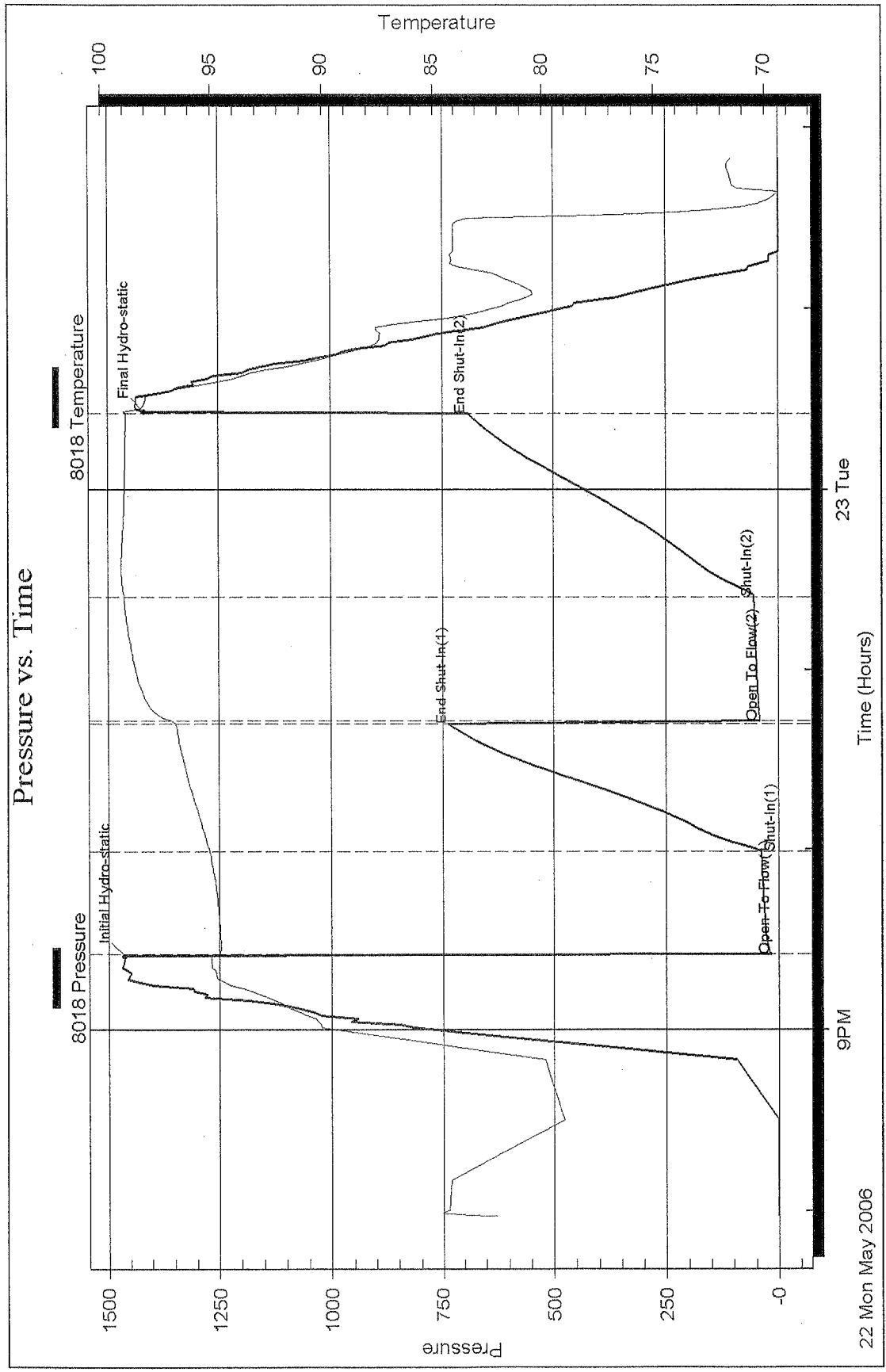
Serial #: 8018

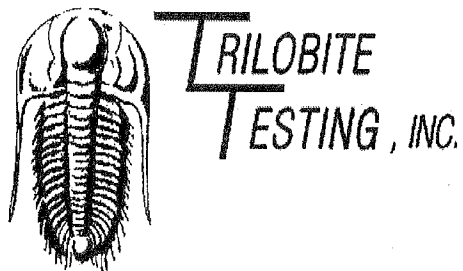
Inside

Dreiling Oil Inc

3 12.16W Ellis KS

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**

PO Drawer 550
Hays KS 67601

ATTN: Terry W. Piesker

3 12 16W Ellis KS

Dreiling "F" # 34

Start Date: 2006.05.23 @ 16:40:09

End Date: 2006.05.23 @ 22:36:09

Job Ticket #: 25039 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Inc

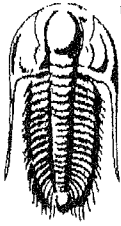
Dreiling "F" # 34

3 12 16W Ellis KS

DST # 4

Cong. Sand

2006.05.23



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Drilling Oil Inc

Drilling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25039

DST#: 4

ATTN: Terry W. Pesker

Test Start: 2006.05.23 @ 16:40:09

GENERAL INFORMATION:

Formation: **Cong. Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:13:39

Time Test Ended: 22:36:09

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3251.00 ft (KB) To 3303.00 ft (KB) (TVD)**

Reference Elevations: 1803.00 ft (KB)

Total Depth: 3303.00 ft (KB) (TVD)

1795.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8018

Inside

Press@RunDepth: 109.56 psig @ 3255.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.05.23

End Date: 2006.05.23

Last Calib.: 2006.05.23

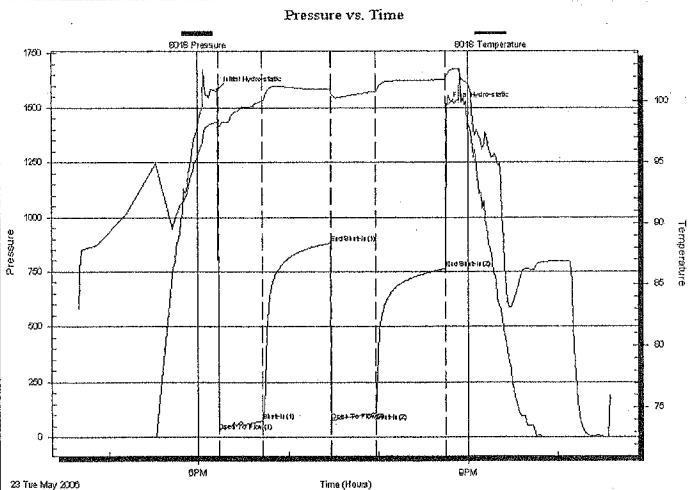
Start Time: 16:40:14

End Time: 22:36:08

Time On Btm: 2006.05.23 @ 18:13:09

Time Off Btm: 2006.05.23 @ 20:45:39

TEST COMMENT: IF Strong BOB15"
ISI 3 in blow back
FF Strong BOB 15"
FSI 3 in blow back



PRESSURE SUMMARY

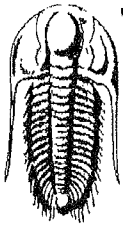
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1581.76	98.32	Initial Hydro-static
1	25.91	97.86	Open To Flow (1)
30	74.14	100.00	Shut-In (1)
75	880.39	100.97	End Shut-In (1)
76	75.96	100.63	Open To Flow (2)
105	109.56	100.80	Shut-In (2)
152	763.25	101.76	End Shut-In (2)
153	1509.20	102.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
100.00	OCM 40% O 60% M	1.12
140.00	Clean Oil	1.96
0.00	275 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Inc

Dreiling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25039

DST#: 4

ATTN: Terry W. Pesker

Test Start: 2006.05.23 @ 16:40:09

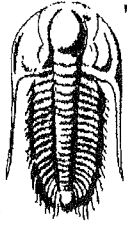
Tool Information

Drill Pipe:	Length: 3226.00 ft	Diameter: 3.80 inches	Volume: 45.25 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 50000.00 lb
			Total Volume: 45.40 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3251.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	72.00 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			3232.00	
Shut In Tool	5.00			3237.00	
Hydraulic tool	5.00			3242.00	
Packer	4.00			3246.00	20.00 Bottom Of Top Packer
Packer	5.00			3251.00	
Stubb	1.00			3252.00	
Perforations	2.00			3254.00	
Change Over Sub	1.00			3255.00	
Recorder	0.00	8018	Inside	3255.00	
Blank Spacing	31.00			3286.00	
Change Over Sub	1.00			3287.00	
Recorder	0.00	13308	Outside	3287.00	
Perforations	13.00			3300.00	
Bullnose	3.00			3303.00	52.00 Bottom Packers & Anchor

Total Tool Length: 72.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Drilling Oil Inc

Drilling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25039

DST#: 4

ATTN: Terry W. Flesker

Test Start: 2006.05.23 @ 16:40:09

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

30 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
100.00	OCM 40%O 60%M	1.120
140.00	Clean Oil	1.964
0.00	275 GIP	0.000

Total Length: 240.00 ft

Total Volume: 3.084 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

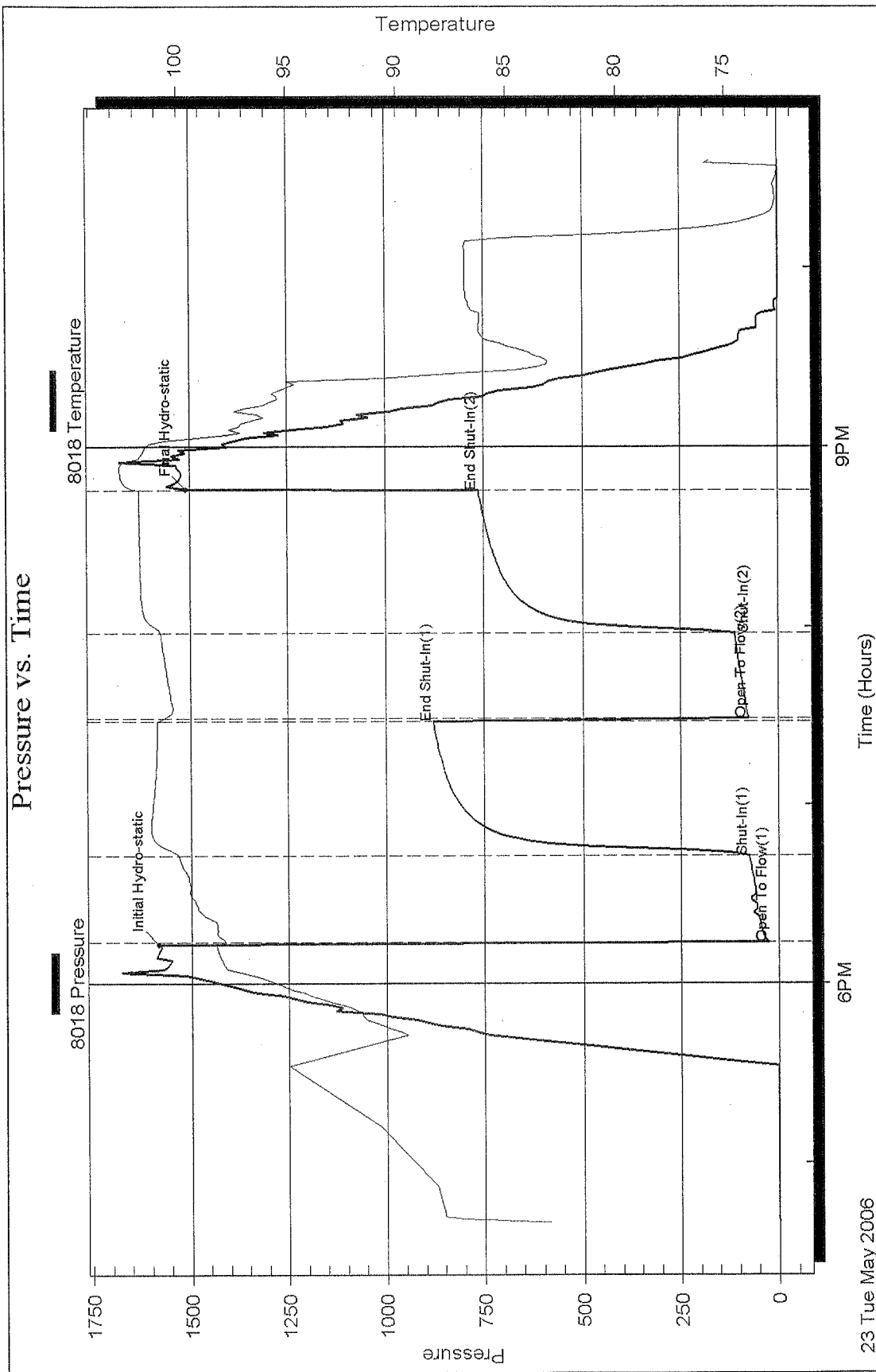
Serial #:

Laboratory Name:

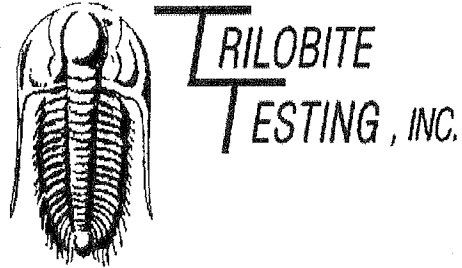
Laboratory Location:

Recovery Comments:

Pressure vs. Time



23 Tue May 2006



DRILL STEM TEST REPORT

Prepared For: **Dreiling Oil Inc**

PO Drawer 550
Hays KS 67601

ATTN: Terry W. Piesker

3 12 16W Ellis KS

Dreiling "F" # 34

Start Date: 2006.05.24 @ 07:23:23

End Date: 2006.05.24 @ 13:28:53

Job Ticket #: 25040 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Dreiling Oil Inc

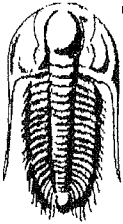
Dreiling "F" # 34

3 12 16W Ellis KS

DST # 5

Arbuckle

2006.05.24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Dreiling Oil Inc
 PO Drawer 550
 Hays KS 67601
 ATTN: Terry W. Pesker

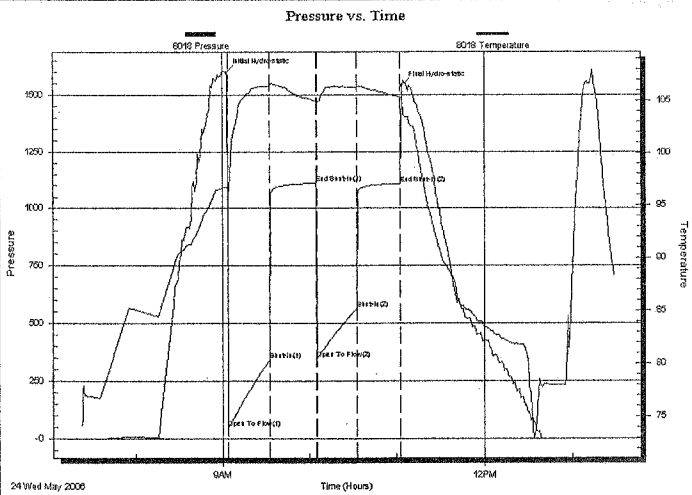
Dreiling "F" # 34
3 12 16W Ellis KS
 Job Ticket: 25040 **DST#: 5**
 Test Start: 2006.05.24 @ 07:23:23

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:04:23
 Time Test Ended: 13:28:53
 Interval: **3303.00 ft (KB) To 3336.00 ft (KB) (TVD)**
 Total Depth: 3336.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: John Schmidt
 Unit No: 31
 Reference Elevations: 1803.00 ft (KB)
 1795.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8018 Inside
 Press@RunDepth: 562.03 psig @ 3308.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2006.05.24 End Date: 2006.05.24 Last Calib.: 2006.05.24
 Start Time: 07:23:28 End Time: 13:28:52 Time On Btm: 2006.05.24 @ 09:03:23
 Time Off Btm: 2006.05.24 @ 11:03:53

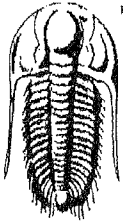
TEST COMMENT: IF Strong BOB 3"
 ISI Weak surf
 FF Strong BOB 4"
 FSI Very weak surf



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1596.85	96.69	Initial Hydro-static
1	46.29	96.14	Open To Flow (1)
30	342.40	106.32	Shut-In(1)
62	1110.63	104.93	End Shut-In(1)
63	349.08	104.70	Open To Flow (2)
90	562.03	106.18	Shut-In(2)
120	1107.95	105.31	End Shut-In(2)
121	1538.79	105.19	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
538.00	SOC5W 2%O 98%SW	7.26
430.00	GOMCW 10%G 5%O 20%M 65%W	6.03
250.00	GOMCW 10%G 15%O 40%M 35%W	3.51

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Dreiling Oil Inc

Dreiling "F" # 34

PO Drawer 550
Hays KS 67601

3 12 16W Ellis KS

Job Ticket: 25040

DST#: 5

ATTN: Terry W. Piesker

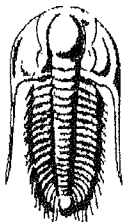
Test Start: 2006.05.24 @ 07:23:23

Tool Information

Drill Pipe:	Length: 3258.00 ft	Diameter: 3.80 inches	Volume: 45.70 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 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: 55000.00 lb
			<u>Total Volume: 45.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3303.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	53.00 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			3284.00	
Shut In Tool	5.00			3289.00	
Hydraulic tool	5.00			3294.00	
Packer	4.00			3298.00	20.00 Bottom Of Top Packer
Packer	5.00			3303.00	
Stubb	1.00			3304.00	
Perforations	4.00			3308.00	
Recorder	0.00	8018	Inside	3308.00	
Perforations	25.00			3333.00	
Recorder	0.00	13308	Outside	3333.00	
Bullnose	3.00			3336.00	33.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Dreiling Oil Inc
PO Drawer 550
Hays KS 67601
ATTN: Terry W. Flesker

Dreiling "F" # 34
3 12 16W Ellis KS
Job Ticket: 25040 DST#: 5
Test Start: 2006.05.24 @ 07:23:23

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:	30000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
538.00	SOCSW 2%O 98%SW	7.264
430.00	GOMCW 10%G 5%O 20%M 65%W	6.032
250.00	GOMCW 10%G 15%O 40%M 35%W	3.507

Total Length: 1218.00 ft Total Volume: 16.803 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

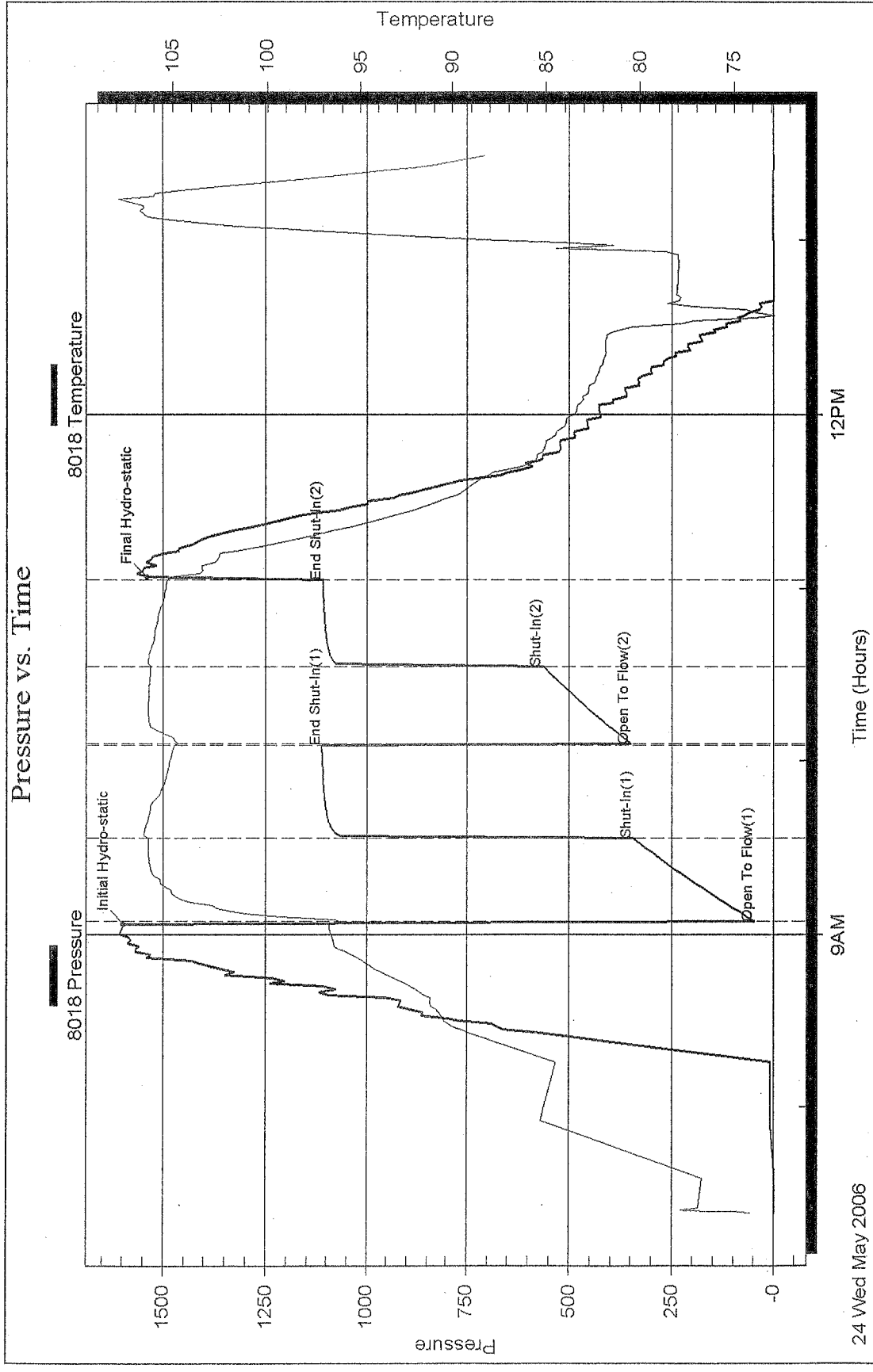
Serial #: 8018

Inside

Dreiling Oil Inc

3 12 16W Ellis KS

DST Test Number: 5



24 Wed May 2006

9AM

Time (Hours)

12PM