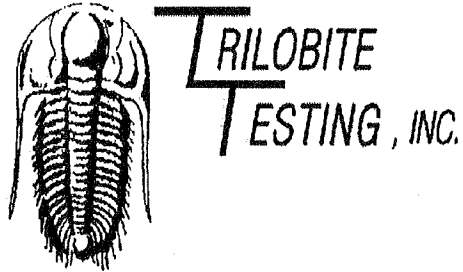


07-35s-16w
NE NE SE

KCC
JUL 11 2006
CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating**

125 N Market Sre 1000
Wichita KS 67202

ATTN: Curtiis Covey

7/35S/16W

McMoran A #5

Start Date: 2006.03.24 @ 10:12:52

End Date: 2006.03.24 @ 19:37:44

Job Ticket #: 22964 DST #: 1

15-033-21462

2240 FSL 330FWL

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

RECEIVED
JUL 12 2006
KCC WICHITA

Woolsey Operating

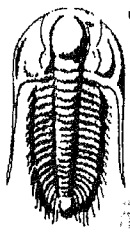
McMoran A #5

7/35S/16W

DST # 1

Swope

2006.03.24



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating

125 N Market Sre 1000
Wichita KS 67202

ATTN: Curtiis Covey

McMoran A #5

7/35S/16W

Job Ticket: 22964 **DST#: 1**

Test Start: 2006.03.24 @ 10:12:52

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:40:37

Time Test Ended: 19:37:44

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 20

Interval: **4950.00 ft (KB) To 4985.00 ft (KB) (TVD)**

Total Depth: 4985.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1875.00 ft (KB)

1863.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 6672 Inside

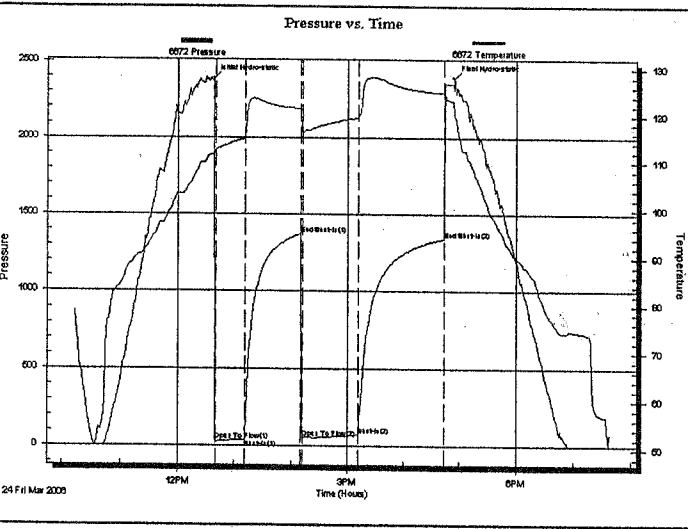
Press@RunDepth: 71.51 psig @ 4952.00 ft (KB) Capacity: 7000.00 psig

Start Date: 2006.03.24 End Date: 2006.03.24 Last Calib.: 1899.12.30

Start Time: 10:12:52 End Time: 19:37:43 Time On Btm: 2006.03.24 @ 12:38:20

Time Off Btm: 2006.03.24 @ 16:54:32

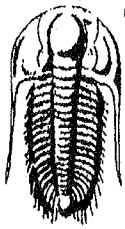
TEST COMMENT: IF-Strong building blow. BOB in 15 sec. GTS in 9 min. Gauged gas.
 IS-Blow back present @ 5 min. Built to Top of water. Died after 2 min.
 FF-Strong blow. BOB ASAO. GTS ASAO. Gauged gas.
 FSI-Blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2385.71	111.70	Initial Hydro-static
3	30.05	112.59	Open To Flow (1)
33	41.31	115.12	Shut-In (1)
92	1372.59	121.56	End Shut-In (1)
95	50.63	116.52	Open To Flow (2)
153	71.51	119.58	Shut-In (2)
246	1340.40	124.86	End Shut-In (2)
257	2391.26	120.21	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
30.00	20% Water 80% Mud	0.15
60.00	30% Water 70% Mud	0.84
60.00	70% Water 30% Mud	0.84

Gas Rates			
	Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	2.00	6.14
Max. Gas Rate	0.13	9.00	8.76



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtiis Covey

McMoran A #5
7/35S/16W
Job Ticket: 22964 **DST#: 1**
Test Start: 2006.03.24 @ 10:12:52

Tool Information

Drill Pipe:	Length: 4922.00 ft	Diameter: 3.80 inches	Volume: 69.04 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 2000.00 lb
			Total Volume: 69.19 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	4950.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

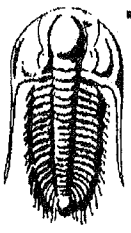
Tool Comments:

KCC
JUL 11 2006
CONFIDENTIAL

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			4924.00	
Shut In Tool	5.00			4929.00	
Hydraulic tool	5.00			4934.00	
Jars	5.00			4939.00	
Safety Joint	2.00			4941.00	
Packer	5.00			4946.00	27.00 Bottom Of Top Packer
Packer	4.00			4950.00	
Stubb	1.00			4951.00	
Perforations	1.00			4952.00	
Recorder	0.00	6672	Inside	4952.00	
Perforations	30.00			4982.00	
Recorder	0.00	10993	Inside	4982.00	
Bullnose	3.00			4985.00	35.00 Bottom Packers & Anchor

Total Tool Length: 62.00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtis Covey

McMoran A #5
7/35S/16W
Job Ticket: 22964 DST#: 1
Test Start: 2006.03.24 @ 10:12:52

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:	115000 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.35 in ³	Gas Cushion Type:		
Resistivity: 0.10 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	20% Water 80% Mud	0.148
60.00	30% Water 70% Mud	0.842
60.00	70% Water 30% Mud	0.842

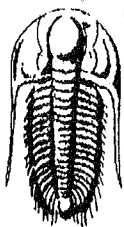
Total Length: 150.00 ft Total Volume: 1.832 bbl

Num Fluid Samples: 1 Num Gas Bombs: 1 Serial #:

Laboratory Name: Caraw ay Laboratory Location: Liberal, KS

Recovery Comments: Gas was flammable.

LIBERAL, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtlis Covey

McMoran A #5
7/35S/16W
Job Ticket: 22964 **DST#: 1**
Test Start: 2006.03.24 @ 10:12:52

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.13	5.00	7.26
1	30	0.13	4.00	6.89
2	10	0.13	9.00	8.76
2	20	0.13	4.00	6.89
2	30	0.13	2.00	6.14
2	40	0.13	2.00	6.14
2	50	0.13	2.00	6.14
2	60	0.13	2.00	6.14

KCC
JUL 11 2006
CONFIDENTIAL

2006111

DST Test Number: 1

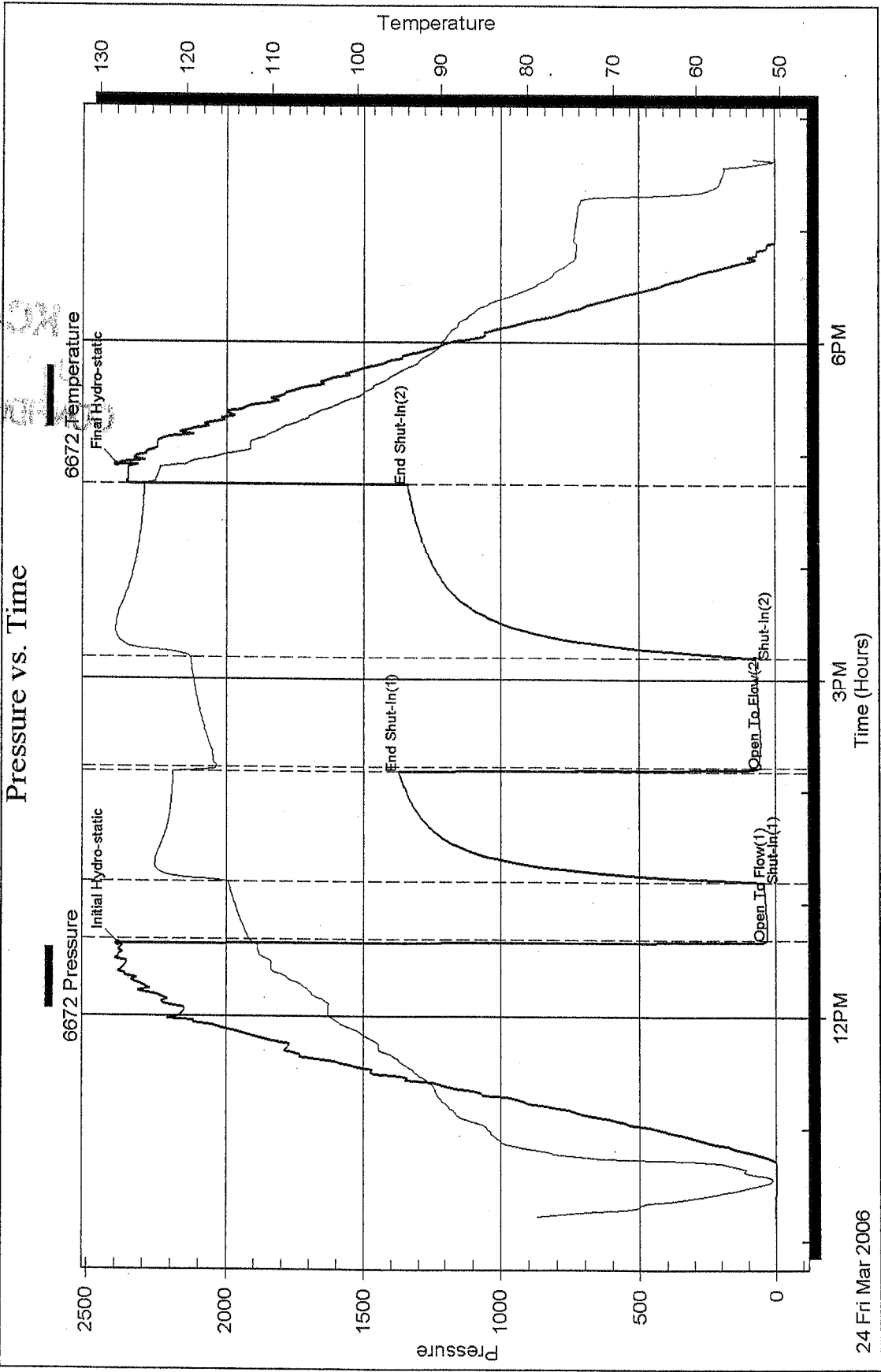
7/35S/16W

Woolsey Operating

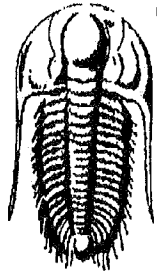
Inside

Serial #: 6672

Pressure vs. Time



24 Fri Mar 2006



TRILOBITE
TESTING, INC.

KCC
JUL 11 2006
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating**

125 N Market Sre 1000
Wichita KS 67202

ATTN: Curtiis Covey

7/35S/16W

McMoran A #5

Start Date: 2006.03.25 @ 08:39:26

End Date: 2006.03.25 @ 17:53:41

Job Ticket #: 24386 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Woolsey Operating

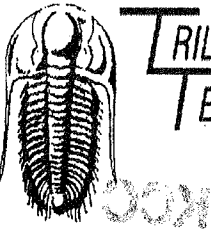
McMoran A #5

7/35S/16W

DST # 2

Hertha

2006.03.25

 <p style="font-size: 2em; font-weight: bold; margin: 0;">TRILOBITE TESTING, INC.</p>	DRILL STEM TEST REPORT	
	Woolsey Operating 125 N Market Sre 1000 Wichita KS 67202 ATTN: Curtiis Covey	McMoran A #5 7/35S/16W Job Ticket: 24386 DST#: 2 Test Start: 2006.03.25 @ 08:39:26

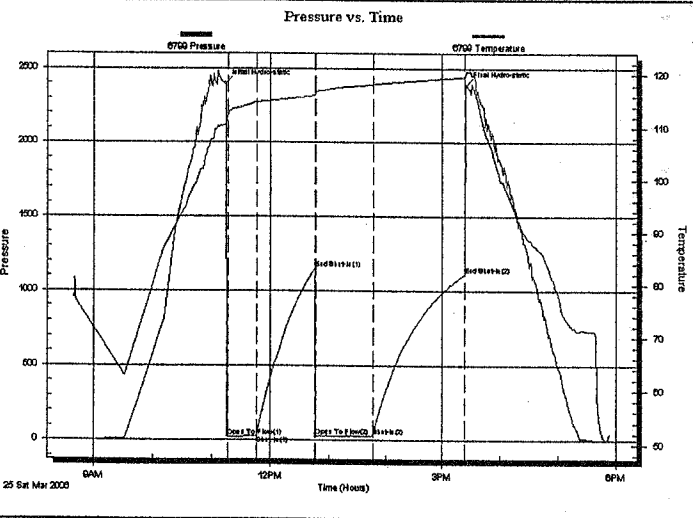
GENERAL INFORMATION:

Formation: Hertha	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Davy Cline
Time Tool Opened: 11:16:26	Unit No: 36
Time Test Ended: 17:53:41	Reference Elevations: 1875.00 ft (KB)
Interval: 5000.00 ft (KB) To 5038.00 ft (KB) (TVD)	1863.00 ft (CF)
Total Depth: 5038.00 ft (KB) (TVD)	KB to GR/CF: 12.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair

Serial #: 6799 Inside

Press@RunDepth: 30.15 psig @ 5005.00 ft (KB)	Capacity: 7000.00 psig
Start Date: 2006.03.25 End Date: 2006.03.25	Last Calib.: 2006.03.25
Start Time: 08:39:31 End Time: 17:53:41	Time On Btm: 2006.03.25 @ 11:14:11
	Time Off Btm: 2006.03.25 @ 15:25:11

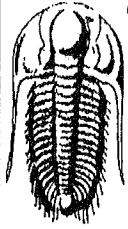
TEST COMMENT: IF: Fair to strong blow . BOB 1 min. 15 sec.
 IS: Bled off. No blow back.
 FF: Fair to strong blow . BOB Immediately.
 FS: Bled off. No blow back.



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2396.04	110.44	Initial Hydro-static
3	19.97	112.42	Open To Flow (1)
32	25.77	114.83	Shut-in(1)
92	1144.15	116.08	End Shut-in(1)
93	28.32	116.53	Open To Flow (2)
152	30.15	118.15	Shut-in(2)
250	1110.63	119.63	End Shut-in(2)
251	2387.27	120.66	Final Hydro-static

Length (ft)	Description	Volume (bbl)
50.00	GCM 2% 98% m	0.35
0.00	1250' GIP	0.00

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating

McMoran A #5

125 N Market Sre 1000
Wichita KS 67202

7/35S/16W

Job Ticket: 24386

DST#: 2

ATTN: Curtiis Covey

Test Start: 2006.03.25 @ 08:39:26

Tool Information

Drill Pipe:	Length: 4953.00 ft	Diameter: 3.25 inches	Volume: 50.82 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 50.97 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	5000.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

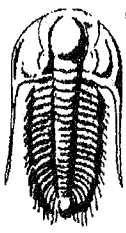
Tool Comments:

KCC
JUL 11 2006
CONFIDENTIAL

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

Change Over Sub	1.00			4973.00	
Shut In Tool	5.00			4978.00	
Hydraulic tool	5.00			4983.00	
Jars	5.00			4988.00	
Safety Joint	2.00			4990.00	
Packer	5.00			4995.00	28.00 Bottom Of Top Packer
Packer	5.00			5000.00	
Stubb	1.00			5001.00	
Perforations	4.00			5005.00	
Recorder	0.00	6799	Inside	5005.00	
Perforations	30.00			5035.00	
Recorder	0.00	13400	Outside	5035.00	
Bullnose	3.00			5038.00	38.00 Bottom Packers & Anchor

Total Tool Length: 66.00



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating

McMoran A #5

125 N Market Sre 1000
Wichita KS 67202

7/35S/16W

Job Ticket: 24386

DST#: 2

ATTN: Curtis Covey

Test Start: 2006.03.25 @ 08:39:26

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GCM 2% 98%m	0.353
0.00	1250' GIP	0.000

Total Length: 50.00 ft

Total Volume: 0.353 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

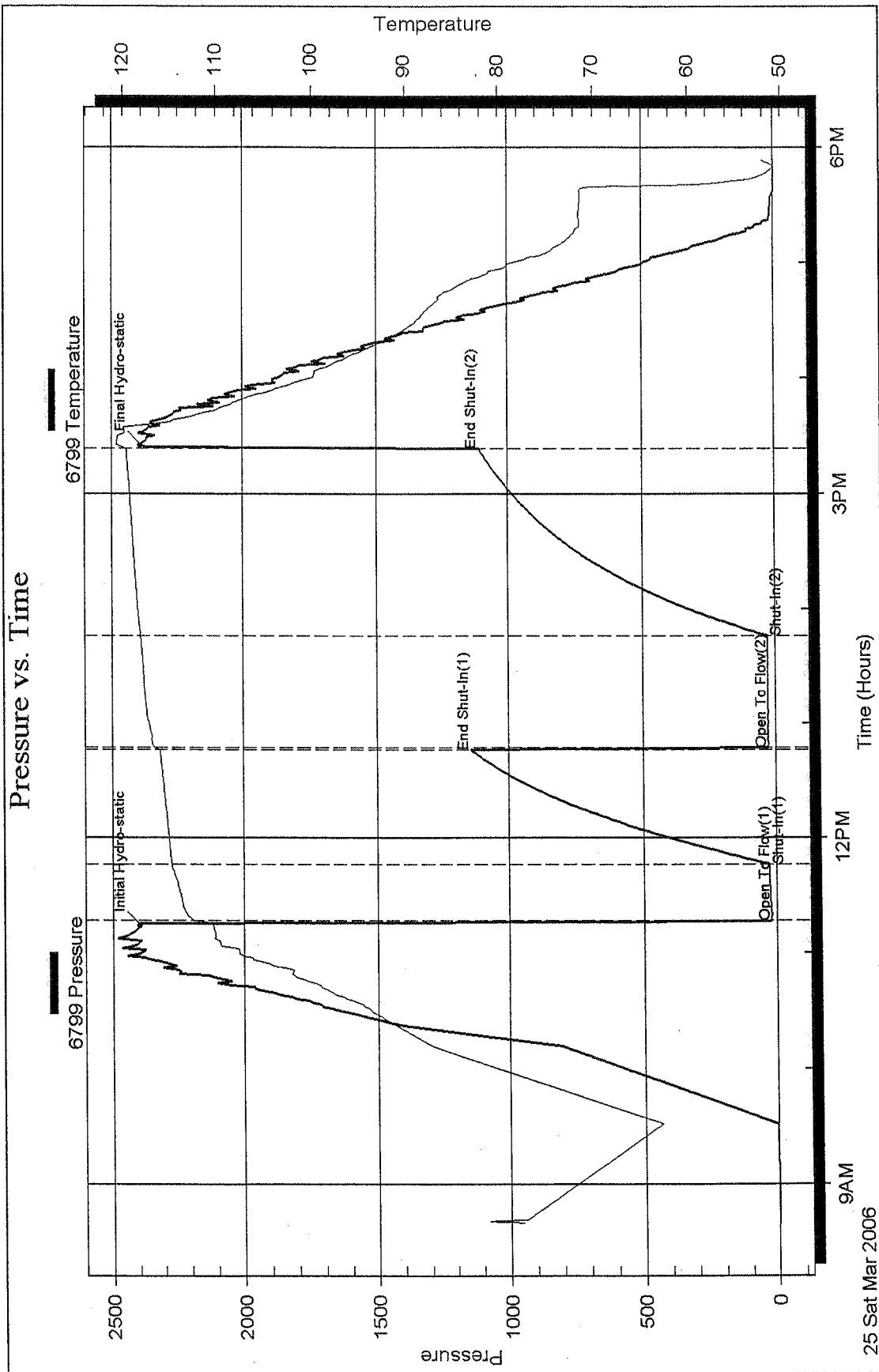
Laboratory Name:

Laboratory Location:

Recovery Comments:

Handwritten notes:
JUN
JUL
JANUARY 2000

Pressure vs. Time



25 Sat Mar 2006

9AM

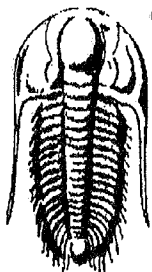
12PM

3PM

6PM

KCC
JUL 11 2006
CONFIDENTIAL

FOR
THE
ADMINISTRATIVE



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating**

125 N Market Sre 1000
Wichita KS 67202

ATTN: Curtiis Covey

7/35S/16W

McMoran A #5

Start Date: 2006.03.27 @ 01:57:06

End Date: 2006.03.27 @ 12:18:36

Job Ticket #: 24387 DST #: 3

KCC
JUL 11 2006
CONFIDENTIAL

Woolsey Operating

McMoran A #5

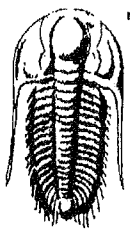
7/35S/16W

DST # 3

Miss.

2006.03.27

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

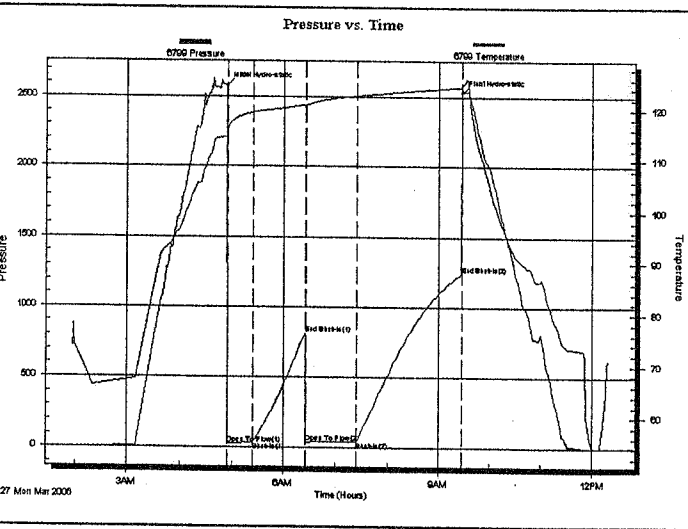
 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT	
	Woolsey Operating 125 N Market Sre 1000 Wichita KS 67202 ATTN: Curtiis Covey	McMoran A #5 7/35S/16W Job Ticket: 24387 DST#: 3 Test Start: 2006.03.27 @ 01:57:06

GENERAL INFORMATION:

Formation: Miss.	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Davy Cline
Time Tool Opened: 04:55:06	Unit No: 36
Time Test Ended: 12:18:36	Reference Elevations: 1875.00 ft (KB)
Interval: 5270.00 ft (KB) To 5365.00 ft (KB) (TVD)	1863.00 ft (CF)
Total Depth: 5038.00 ft (KB) (TVD)	KB to GR/CF: 12.00 ft
Hole Diameter: 7.88 inches Hole Condition: Fair	

Serial #: 6799 Inside	Capacity: 7000.00 psig
Press @ Run Depth: 45.32 psig @ 5276.00 ft (KB)	Last Calib.: 2006.03.27
Start Date: 2006.03.27 End Date: 2006.03.27	Time On Btm: 2006.03.27 @ 04:53:51
Start Time: 01:57:11 End Time: 12:18:36	Time Off Btm: 2006.03.27 @ 09:26:50

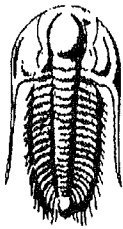
TEST COMMENT: IF: Fair blow . BOB 5 min.
 IS: Bled off. No blow back.
 FF: Fair blow . BOB Immediately.
 FSI: Bled off. No blow back.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2576.14	114.67	Initial Hydro-static
2	25.63	115.58	Open To Flow (1)
31	36.34	119.42	Shut-In(1)
91	809.92	120.89	End Shut-In(1)
92	35.45	120.66	Open To Flow (2)
151	45.32	122.70	Shut-In(2)
273	1239.51	124.50	End Shut-In(2)
273	2529.95	124.87	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
65.00	SI GCM 1%g 99%m	0.51
0.00	800' GIP	0.00

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtiis Covey

McMoran A #5
7/35S/16W
Job Ticket: 24387 **DST#: 3**
Test Start: 2006.03.27 @ 01:57:06

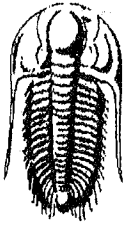
Tool Information

Drill Pipe:	Length: 5235.00 ft	Diameter: 3.25 inches	Volume: 53.71 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 62000.00 lb
			Total Volume: 53.86 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	5270.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	123.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

KCC
JUL 11 2006
CONFIDENTIAL

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5243.00	
Shut In Tool	5.00			5248.00	
Hydraulic tool	5.00			5253.00	
Jars	5.00			5258.00	
Safety Joint	2.00			5260.00	
Packer	5.00			5265.00	28.00 Bottom Of Top Packer
Packer	5.00			5270.00	
Stubb	1.00			5271.00	
Perforations	4.00			5275.00	
Change Over Sub	1.00			5276.00	
Recorder	0.00	6799	Inside	5276.00	
Blank Spacing	62.00			5338.00	
Change Over Sub	1.00			5339.00	
Perforations	23.00			5362.00	
Recorder	0.00	13400	Outside	5362.00	
Bullnose	3.00			5365.00	95.00 Bottom Packers & Anchor
Total Tool Length:	123.00				



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtiis Covey

McMoran A #5
7/35S/16W
Job Ticket: 24387 DST#: 3
Test Start: 2006.03.27 @ 01:57:06

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	SI GCM 1%g 99%m	0.507
0.00	800' GIP	0.000

Total Length: 65.00 ft Total Volume: 0.507 bbl

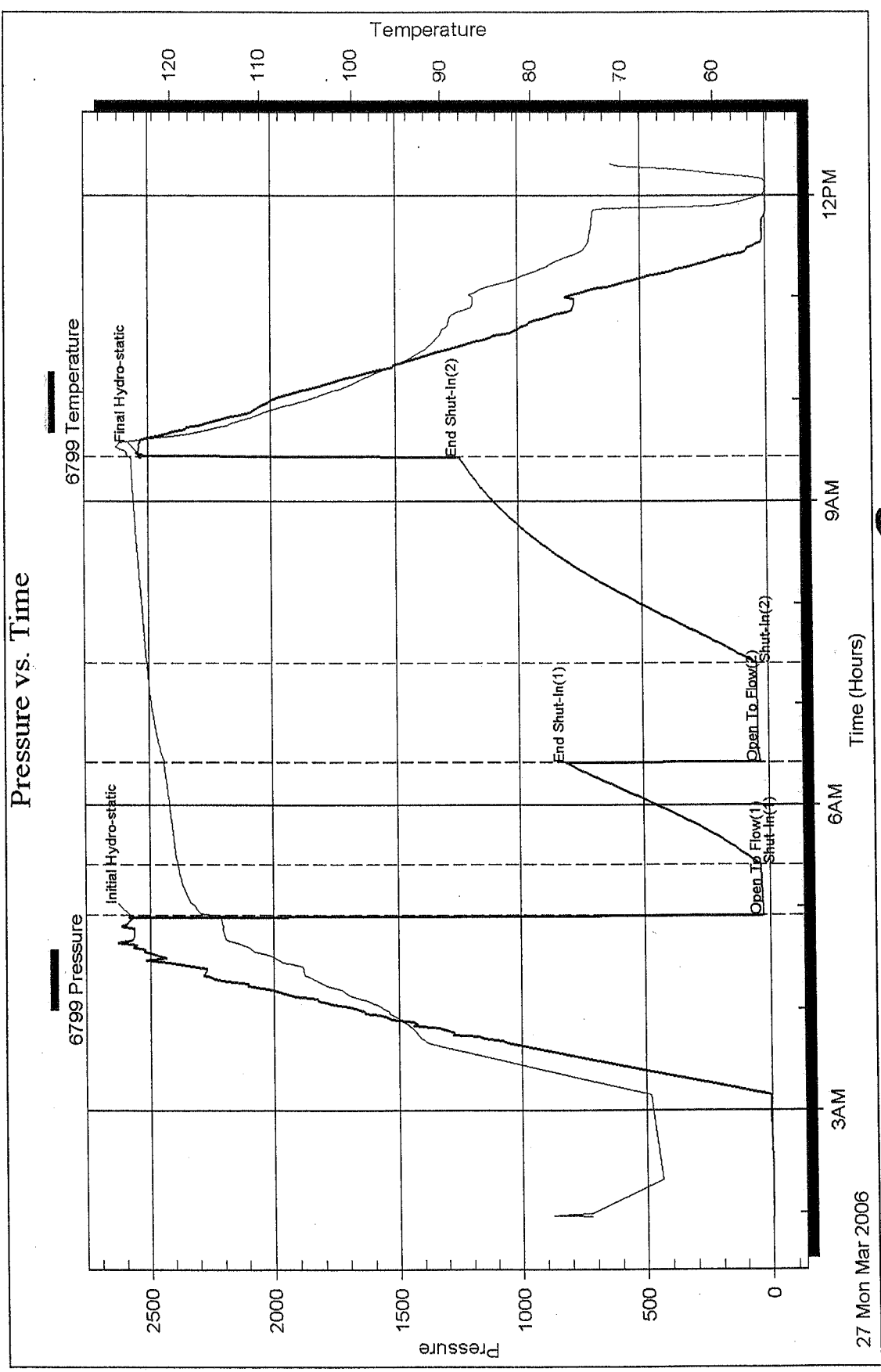
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

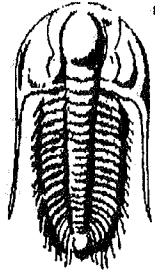
Handwritten notes:
308
415
1/14/07

Pressure vs. Time



KCC
JUL 11 2006
CONFIDENTIAL

CONFIDENTIAL
KDC



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating**

125 N Market Sre 1000
Wichita KS 67202

KCC
JUL 11 2006
CONFIDENTIAL

ATTN: Curtiis Covey

7/35S/16W

McMoran A #5

Start Date: 2006.03.28 @ 06:39:05

End Date: 2006.03.28 @ 17:12:50

Job Ticket #: 24388 DST #: 4

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

Woolsey Operating

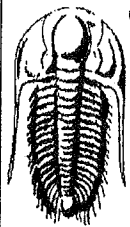
McMoran A #5

7/35S/16W

DST # 4

Cowley

2006.03.28



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtiis Covey

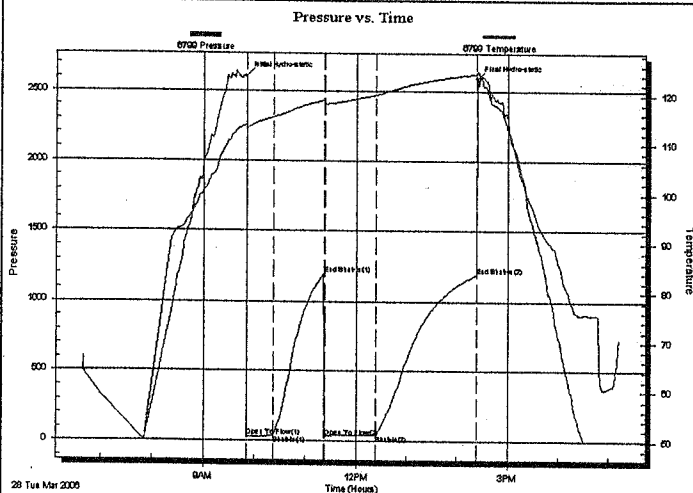
McMoran A #5
7/35S/16W
Job Ticket: 24388 DST#: 4
Test Start: 2006.03.28 @ 06:39:05

GENERAL INFORMATION:

Formation: **Cowley**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:51:35
Time Test Ended: 17:12:50
Interval: **5365.00 ft (KB) To 5470.00 ft (KB) (TVD)**
Total Depth: 5038.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Davy Cline
Unit No: 36
Reference Elevations: 1875.00 ft (KB)
1863.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6799 Inside
Press@RunDepth: 45.38 psig @ 5371.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2006.03.28 End Date: 2006.03.28 Last Calib.: 2006.03.28
Start Time: 06:39:10 End Time: 17:12:50 Time On Btm: 2006.03.28 @ 09:51:20
Time Off Btm: 2006.03.28 @ 14:24:04

TEST COMMENT: IF: Weak blow . Slow increasing blow to 10 1/2 inches.
IS: Bled off. No blow back.
FF: Weak blow . Slow increasing blow to BOB in 55 min.
FSI: Bled off. No blow back.



PRESSURE SUMMARY

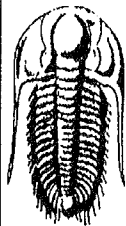
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2604.12	114.06	Initial Hydro-static
1	30.59	113.23	Open To Flow (1)
32	34.72	115.52	Shut-In(1)
91	1193.68	118.93	End Shut-In(1)
92	33.07	118.38	Open To Flow(2)
152	45.38	120.09	Shut-In(2)
273	1190.69	124.49	End Shut-In(2)
273	2587.85	124.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SI GCM 1%g 99%m	0.46

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating

McMoran A #5

125 N Market Sre 1000
Wichita KS 67202

7/35S/16W

Job Ticket: 24388

DST#: 4

ATTN: Curtiis Covey

Test Start: 2006.03.28 @ 06:39:05

Tool Information

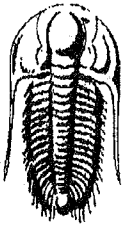
Drill Pipe:	Length: 5330.00 ft	Diameter: 3.25 inches	Volume: 54.69 bbl	Tool Weight:	2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose:	90000.00 lb
			Total Volume: 54.84 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	5365.00 ft			Final	62000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	105.00 ft				
Tool Length:	133.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

KCC
JUL 11 2006
CONFIDENTIAL

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			5338.00	
Shut In Tool	5.00			5343.00	
Hydraulic tool	5.00			5348.00	
Jars	5.00			5353.00	
Safety Joint	2.00			5355.00	
Packer	5.00			5360.00	28.00 Bottom Of Top Packer
Packer	5.00			5365.00	
Stubb	1.00			5366.00	
Perforations	4.00			5370.00	
Change Over Sub	1.00			5371.00	
Recorder	0.00	6799	Inside	5371.00	
Blank Spacing	62.00			5433.00	
Change Over Sub	1.00			5434.00	
Perforations	33.00			5467.00	
Recorder	0.00	13400	Outside	5467.00	
Bullnose	3.00			5470.00	105.00 Bottom Packers & Anchor
Total Tool Length:	133.00				



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtiis Covey

McMoran A #5
7/35S/16W
Job Ticket: 24388 **DST#: 4**
Test Start: 2006.03.28 @ 06:39:05

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4800.00 ppm			
Filter Cake: inches			

Recovery Information

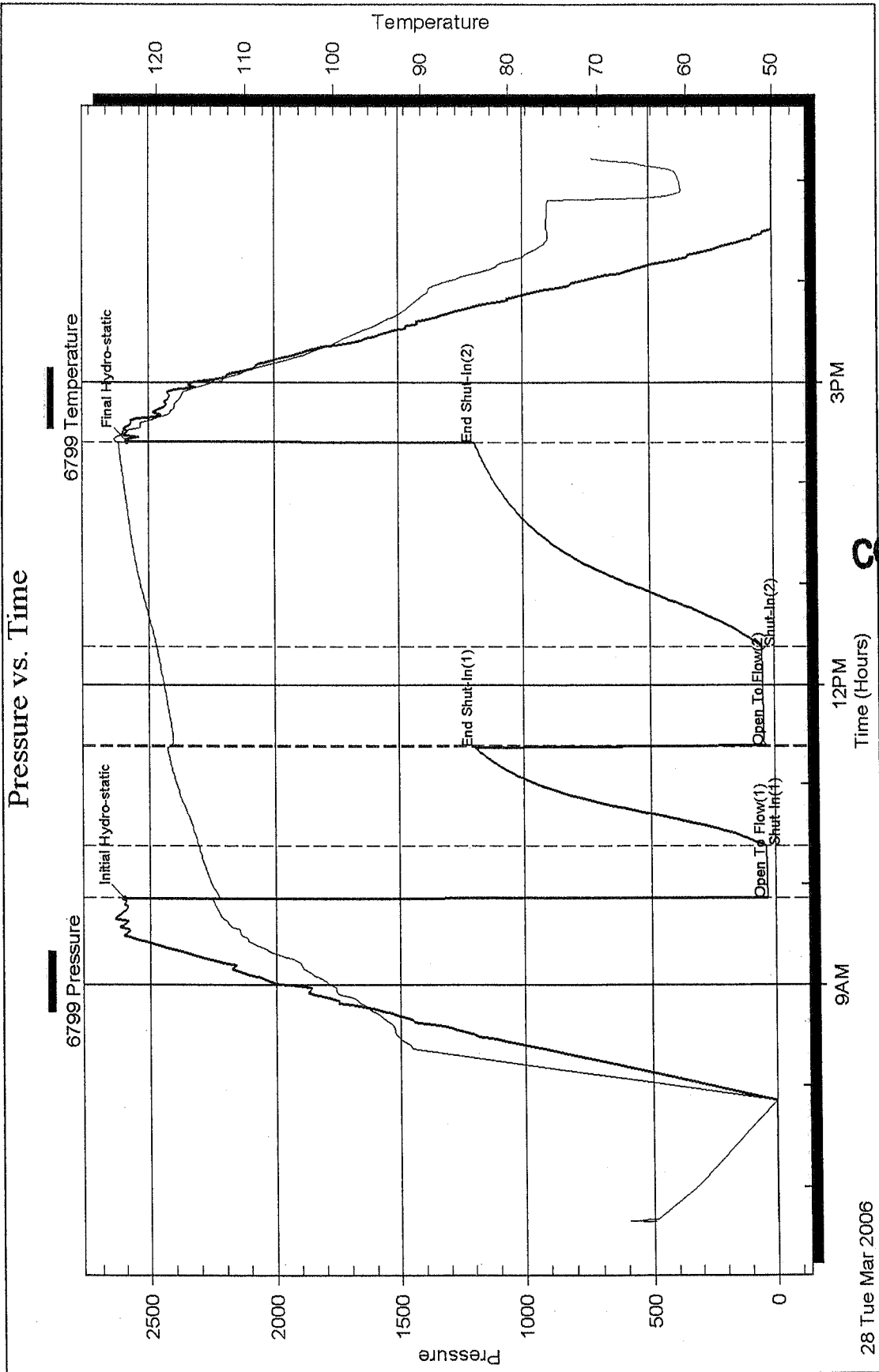
Recovery Table

Length ft	Description	Volume bbl
60.00	SI GCM 1%g 99%m	0.455

Total Length: 60.00 ft Total Volume: 0.455 bbl

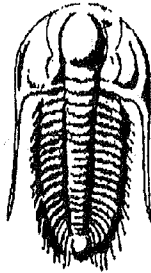
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



KCC
 JUL 11 2006
 CONFIDENTIAL

000
000
0000000000



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Woolsey Operating**

125 N Market Sre 1000
Wichita KS 67202

KCC
JUL 11 2006
CONFIDENTIAL

ATTN: Curtiis Covey

7/35S/16W

McMoran A #5

Start Date: 2006.03.30 @ 10:31:34

End Date: 2006.03.30 @ 22:17:04

Job Ticket #: 24389 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Woolsey Operating

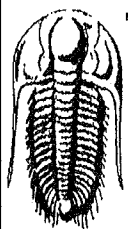
McMoran A #5

7/35S/16W

DST # 5

Viola

2006.03.30



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtis Covey

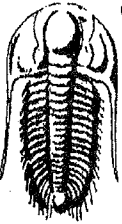
McMoran A #5
7/35S/16W
Job Ticket: 24389 **DST#: 5**
Test Start: 2006.03.30 @ 10:31:34

Tool Information

Drill Pipe:	Length: 5707.00 ft	Diameter: 3.25 inches	Volume: 58.56 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 66000.00 lb
			<u>Total Volume: 58.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	5730.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	54.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

KCC
JUL 11 2006
CONFIDENTIAL

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5703.00	
Shut In Tool	5.00			5708.00	
Hydraulic tool	5.00			5713.00	
Jars	5.00			5718.00	
Safety Joint	2.00			5720.00	
Packer	5.00			5725.00	28.00 Bottom Of Top Packer
Packer	5.00			5730.00	
Stubb	1.00			5731.00	
Perforations	2.00			5733.00	
Change Over Sub	1.00			5734.00	
Recorder	0.00	6799	Inside	5734.00	
Blank Spacing	32.00			5766.00	
Change Over Sub	1.00			5767.00	
Perforations	14.00			5781.00	
Recorder	0.00	13400	Outside	5781.00	
Bullnose	3.00			5784.00	54.00 Bottom Packers & Anchor
Total Tool Length:	82.00				



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating
125 N Market Sre 1000
Wichita KS 67202
ATTN: Curtlis Covey

McMoran A #5
7/35S/16W
Job Ticket: 24389 DST#: 5
Test Start: 2006.03.30 @ 10:31:34

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 56.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	Mud 100% _m	0.558

Total Length: 70.00 ft Total Volume: 0.558 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

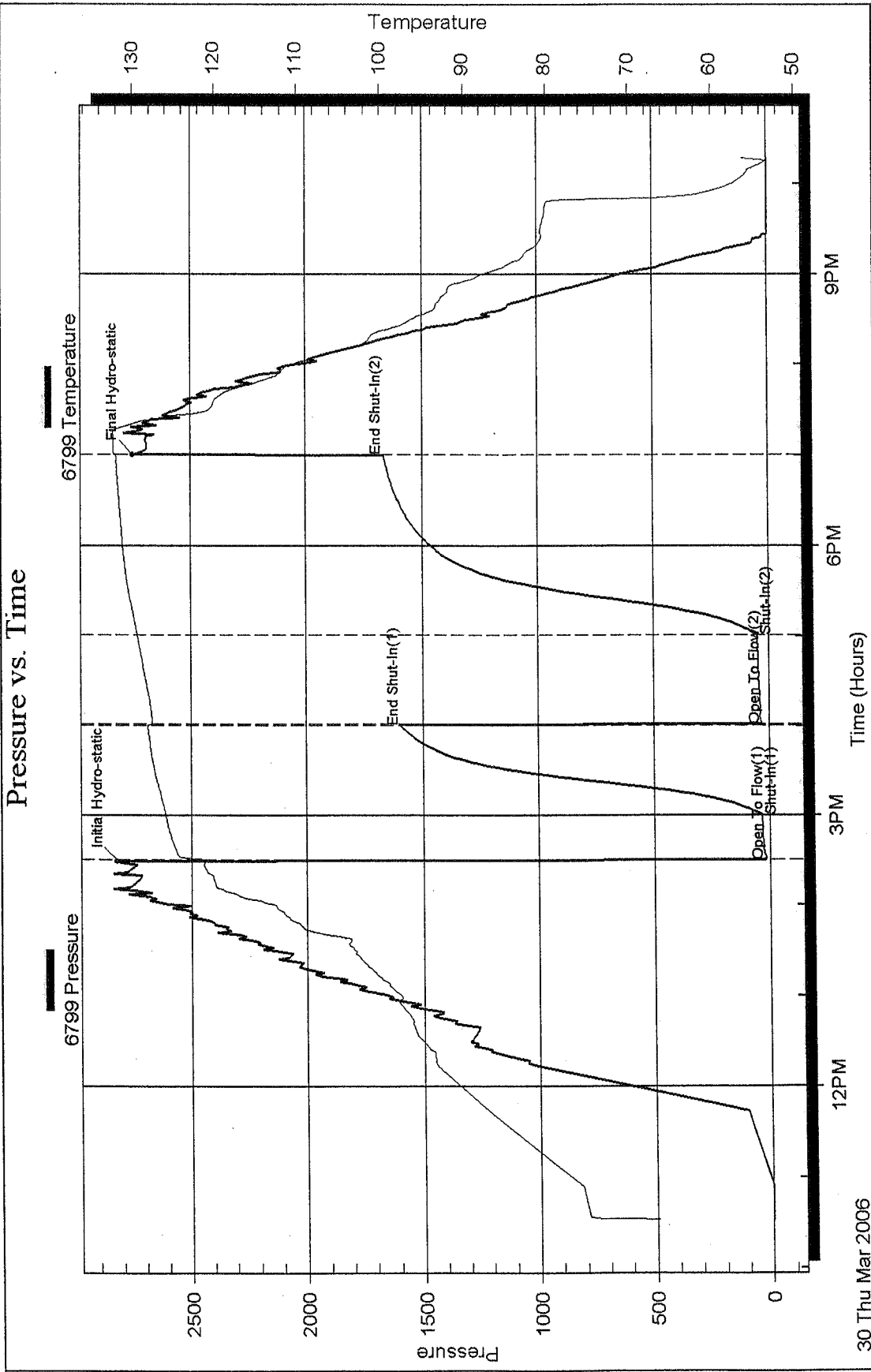
Laboratory Name:

Laboratory Location:

Recovery Comments:

2006 JUL 10
COMPLETION

Pressure vs. Time



KCC
 JUL 11 2006
CONFIDENTIAL

SON
MAY 1971
COMMERCIAL