

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 16S 14W Barton KS

Miller A Trust #3

Start Date: 2007.04.02 @ 10:54:01

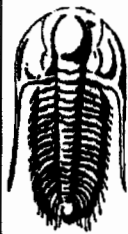
End Date: 2007.04.02 @ 17:02:46

Job Ticket #: 27637 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

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27637

DST#: 1

ATTN: Kitt Noah

Test Start: 2007.04.02 @ 10:54:01

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:31:01

Time Test Ended: 17:02:46

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3056.00 ft (KB) To 3095.00 ft (KB) (TVD)**

Reference Elevations: 1919.00 ft (KB)

Total Depth: 3095.00 ft (KB) (TVD)

1911.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: **6719**

Inside

Press@RunDepth: 75.26 psig @ 3058.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.02

End Date:

2007.04.02

Last Calib.: 2007.04.02

Start Time: 10:54:03

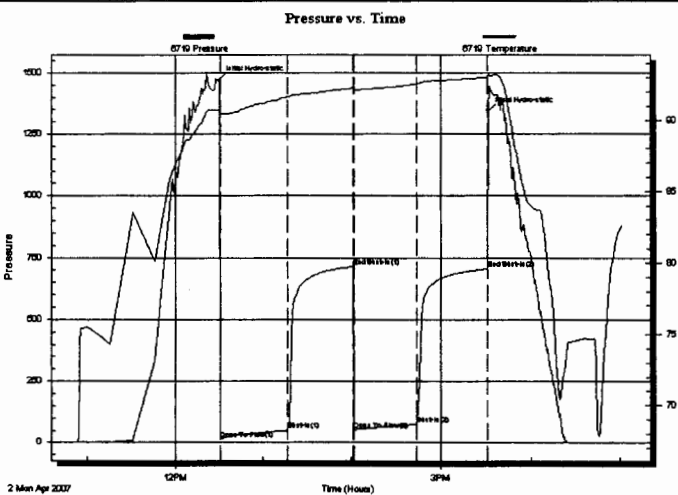
End Time:

17:02:46

Time On Btm: 2007.04.02 @ 12:30:46

Time Off Btm: 2007.04.02 @ 15:31:31

TEST COMMENT: IFP Weak Blow Built to 7 "
ISI Dead
FFP Weak Blow Built to 5 "
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1471.24	90.75	Initial Hydro-static
1	13.22	90.48	Open To Flow (1)
47	50.40	91.64	Shut-In(1)
91	714.02	92.25	End Shut-In(1)
92	52.57	92.12	Open To Flow (2)
134	75.26	92.55	Shut-In(2)
181	705.48	93.03	End Shut-In(2)
181	1344.14	93.36	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
140.00	SMW 5%M 95%W	1.69

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27637

DST#: 1

ATTN: Kitt Noah

Test Start: 2007.04.02 @ 10:54:01

Tool Information

Drill Pipe:	Length: 3036.00 ft	Diameter: 3.80 inches	Volume: 42.59 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 42.74 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3056.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3036.00	
Shut In Tool	5.00			3041.00	
Hydraulic tool	5.00			3046.00	
Packer	5.00			3051.00	21.00 Bottom Of Top Packer
Packer	5.00			3056.00	
Stubb	1.00			3057.00	
Perforations	1.00			3058.00	
Recorder	0.00	6719	Inside	3058.00	
Perforations	34.00			3092.00	
Recorder	0.00	13221	Outside	3092.00	
Bullnose	3.00			3095.00	39.00 Bottom Packers & Anchor

Total Tool Length: 60.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27637

DST#: 1

ATTN: Kitt Noah

Test Start: 2007.04.02 @ 10:54:01

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: 58.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4100.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	SMW 5%M 95%W	1.691

Total Length: 140.00 ft Total Volume: 1.691 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 6719

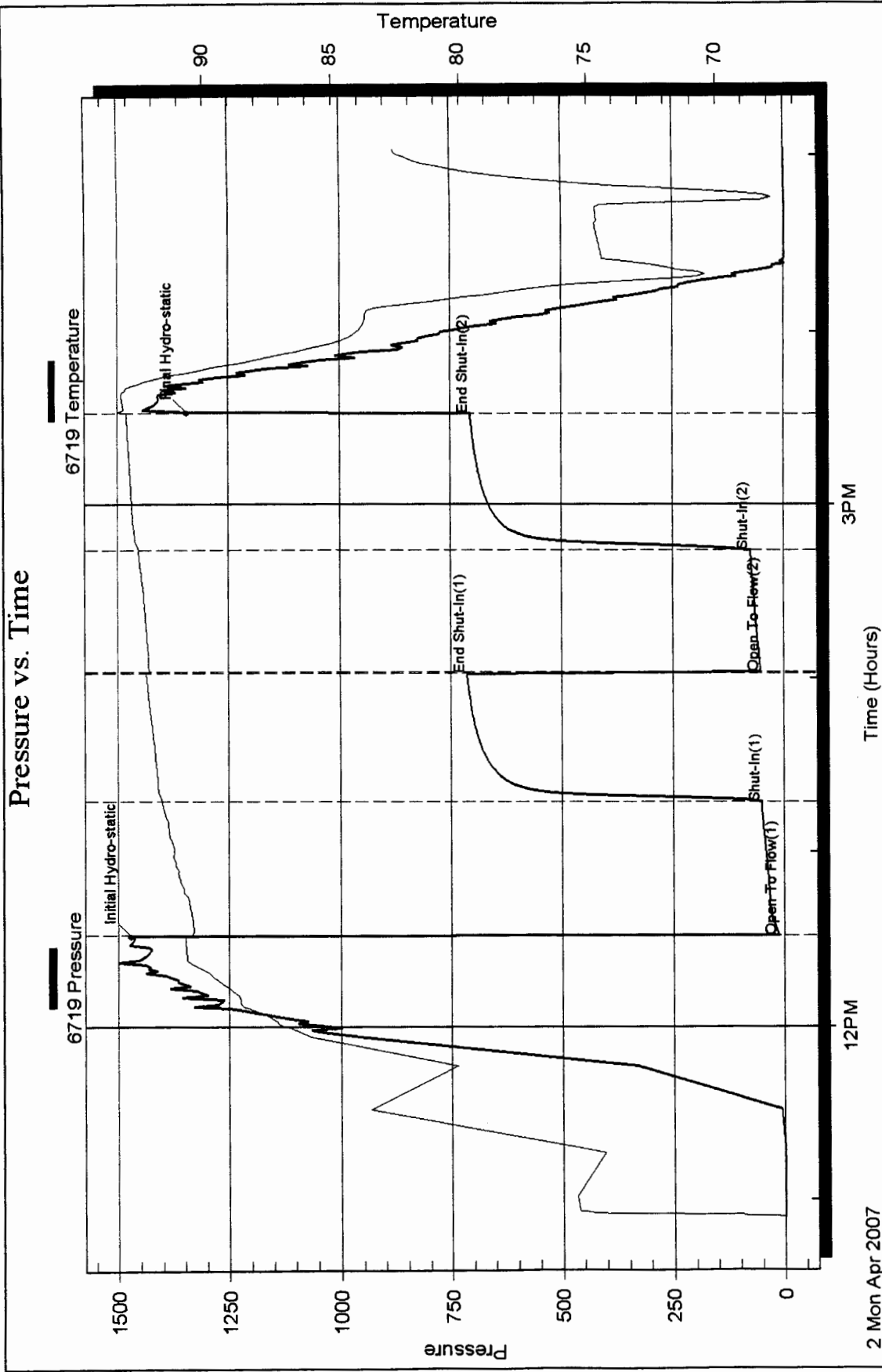
Inside

Mai Oil Operations Inc

4 16S 14W Barton KS

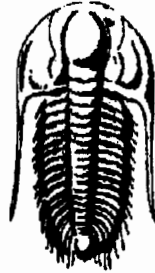
DST Test Number: 1

Pressure vs. Time



2 Mon Apr 2007

12PM 3PM
Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 16S 14W Barton KS

Miller A Trust #3

Start Date: 2007.04.03 @ 01:39:30

End Date: 2007.04.03 @ 08:49:00

Job Ticket #: 27639 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

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

ATTN: Kitt Noah

Job Ticket: 27639 **DST#: 2**

Test Start: 2007.04.03 @ 01:39:30

GENERAL INFORMATION:

Formation: **LKC-"B-C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:13:30

Time Test Ended: 08:49:00

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3138.00 ft (KB) To 3180.00 ft (KB) (TVD)**

Reference Elevations: 1919.00 ft (KB)

Total Depth: 3180.00 ft (KB) (TVD)

1911.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6719

Inside

Press@RunDepth: 207.33 psig @ 3143.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2007.04.03

End Date:

2007.04.03

Last Calib.: 2007.04.03

Start Time: 01:39:32

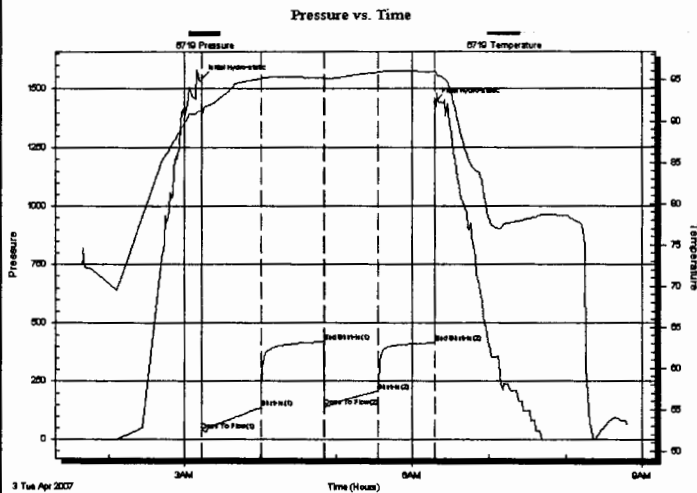
End Time:

08:49:00

Time On Btm: 2007.04.03 @ 03:13:15

Time Off Btm: 2007.04.03 @ 06:18:30

TEST COMMENT: IFP Strong Blow BOB in 1-1/2 Minute
ISI Blow back Built to BOB in 12 Minutes
FFP Strong Blow BOB in 4-1/2 Minutes
FSI Blow back Built to BOB in 20 Minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1542.72	91.29	Initial Hydro-static
1	38.28	91.00	Open To Flow (1)
48	136.02	95.11	Shut-In(1)
98	418.99	95.24	End Shut-In(1)
98	142.27	95.13	Open To Flow (2)
141	207.33	95.87	Shut-In(2)
185	414.15	95.94	End Shut-In(2)
186	1441.42	96.16	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Water	0.99
150.00	VSWCO 50%G 40%O 10%W	2.10
180.00	VMCO 20%G 68%O 10%W 2%M	2.52
60.00	Gassy Oil	0.84
0.00	2100 Gas In Pipe	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27639

DST#: 2

ATTN: Kitt Noah

Test Start: 2007.04.03 @ 01:39:30

Tool Information

Drill Pipe:	Length: 3100.00 ft	Diameter: 3.80 inches	Volume: 43.48 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 43.63 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3138.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	63.00 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			3118.00	
Shut In Tool	5.00			3123.00	
Hydraulic tool	5.00			3128.00	
Packer	5.00			3133.00	21.00 Bottom Of Top Packer
Packer	5.00			3138.00	
Stubb	1.00			3139.00	
Perforations	4.00			3143.00	
Recorder	0.00	6719	Inside	3143.00	
Perforations	34.00			3177.00	
Recorder	0.00	13221	Outside	3177.00	
Bullnose	3.00			3180.00	42.00 Bottom Packers & Anchor

Total Tool Length: 63.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27639

DST#: 2

ATTN: Kitt Noah

Test Start: 2007.04.03 @ 01:39:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

41 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Water	0.989
150.00	VSWCGO 50%G 40%O 10%W	2.104
180.00	WMCO 20%G 68%O 10%W 2%M	2.525
60.00	Gassy Oil	0.842
0.00	2100 Gas In Pipe	0.000

Total Length: 480.00 ft

Total Volume: 6.460 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6719

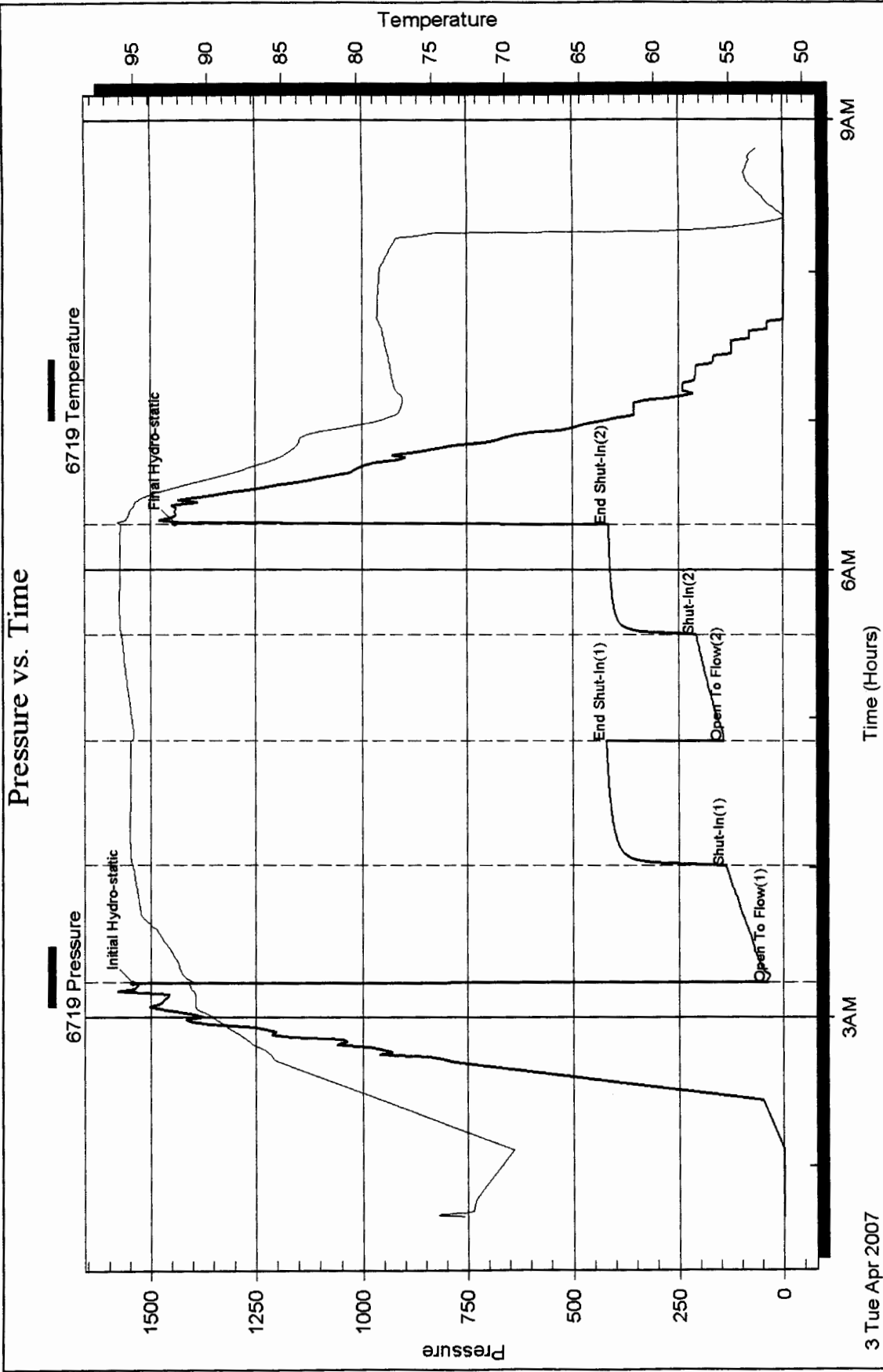
Inside

Mbi Oil Operations Inc

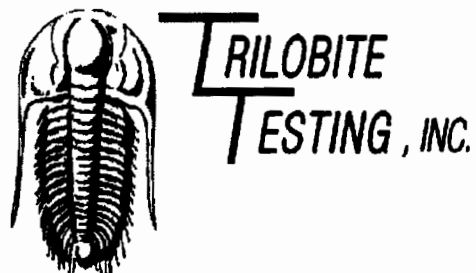
4 16S 14W Barton KS

DST Test Number: 2

Pressure vs. Time



3 Tue Apr 2007



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 16S 14W Barton KS

Miller A Trust #3

Start Date: 2007.04.04 @ 01:30:34

End Date: 2007.04.04 @ 07:42:19

Job Ticket #: 27640 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

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

ATTN: Kitt Noah

Job Ticket: 27640

DST#: 3

Test Start: 2007.04.04 @ 01:30:34

GENERAL INFORMATION:

Formation: **LKC-"H-K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:07:34
 Time Test Ended: 07:42:19

Test Type: Conventional Bottom Hole
 Tester: Jason McLemore
 Unit No: 32

Interval: **3262.00 ft (KB) To 3330.00 ft (KB) (TVD)**
 Total Depth: 3330.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1919.00 ft (KB)
 1911.00 ft (CF)
 KB to GR/CF: 8.00 ft

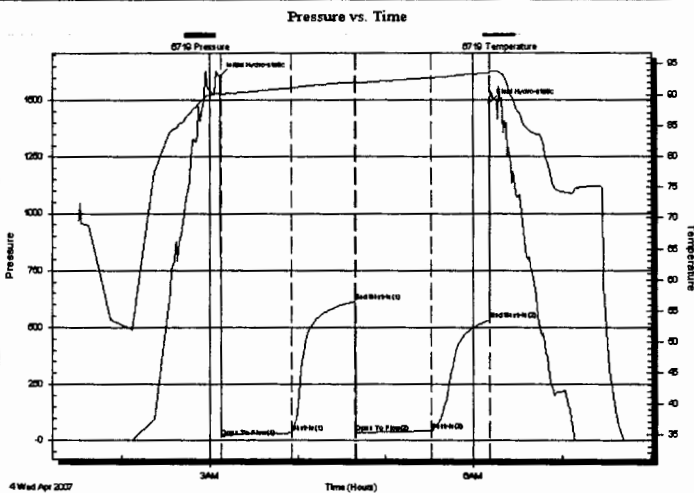
Serial #: 6719

Inside

Press@RunDepth: 42.59 psig @ 3265.00 ft (KB)
 Start Date: 2007.04.04 End Date: 2007.04.04
 Start Time: 01:30:36 End Time: 07:42:19

Capacity: 7000.00 psig
 Last Calib.: 2007.04.04
 Time On Btm: 2007.04.04 @ 03:07:19
 Time Off Btm: 2007.04.04 @ 06:11:19

TEST COMMENT: IFP Weak Blow Built to 3-1/4 "
 ISI Dead
 FFP Weak Blow Built to 1 "
 FSI Dead



PRESSURE SUMMARY

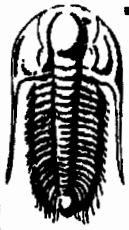
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1604.66	90.33	Initial Hydro-static
1	15.53	89.89	Open To Flow (1)
48	33.71	91.11	Shut-In(1)
92	613.24	92.05	End Shut-In(1)
92	36.25	91.95	Open To Flow (2)
145	42.59	92.76	Shut-In(2)
184	531.72	93.54	End Shut-In(2)
184	1488.16	93.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud	0.57
5.00	Mud W/Oil Specks	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27640

DST#: 3

ATTN: Kitt Noah

Test Start: 2007.04.04 @ 01:30:34

Tool Information

Drill Pipe:	Length: 3224.00 ft	Diameter: 3.80 inches	Volume: 45.22 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 45000.00 lb
			Total Volume: 45.37 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3262.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	68.00 ft			
Tool Length:	89.00 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			3242.00	
Shut In Tool	5.00			3247.00	
Hydraulic tool	5.00			3252.00	
Packer	5.00			3257.00	21.00 Bottom Of Top Packer
Packer	5.00			3262.00	
Stubb	1.00			3263.00	
Perforations	1.00			3264.00	
Change Over Sub	1.00			3265.00	
Recorder	0.00	6719	Inside	3265.00	
Blank Spacing	31.00			3296.00	
Change Over Sub	1.00			3297.00	
Perforations	30.00			3327.00	
Recorder	0.00	13221	Outside	3327.00	
Bullnose	3.00			3330.00	68.00 Bottom Packers & Anchor

Total Tool Length: 89.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27640

DST#: 3

ATTN: Kitt Noah

Test Start: 2007.04.04 @ 01:30:34

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud	0.568
5.00	Mud W/Oil Specks	0.070

Total Length: 65.00 ft Total Volume: 0.638 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

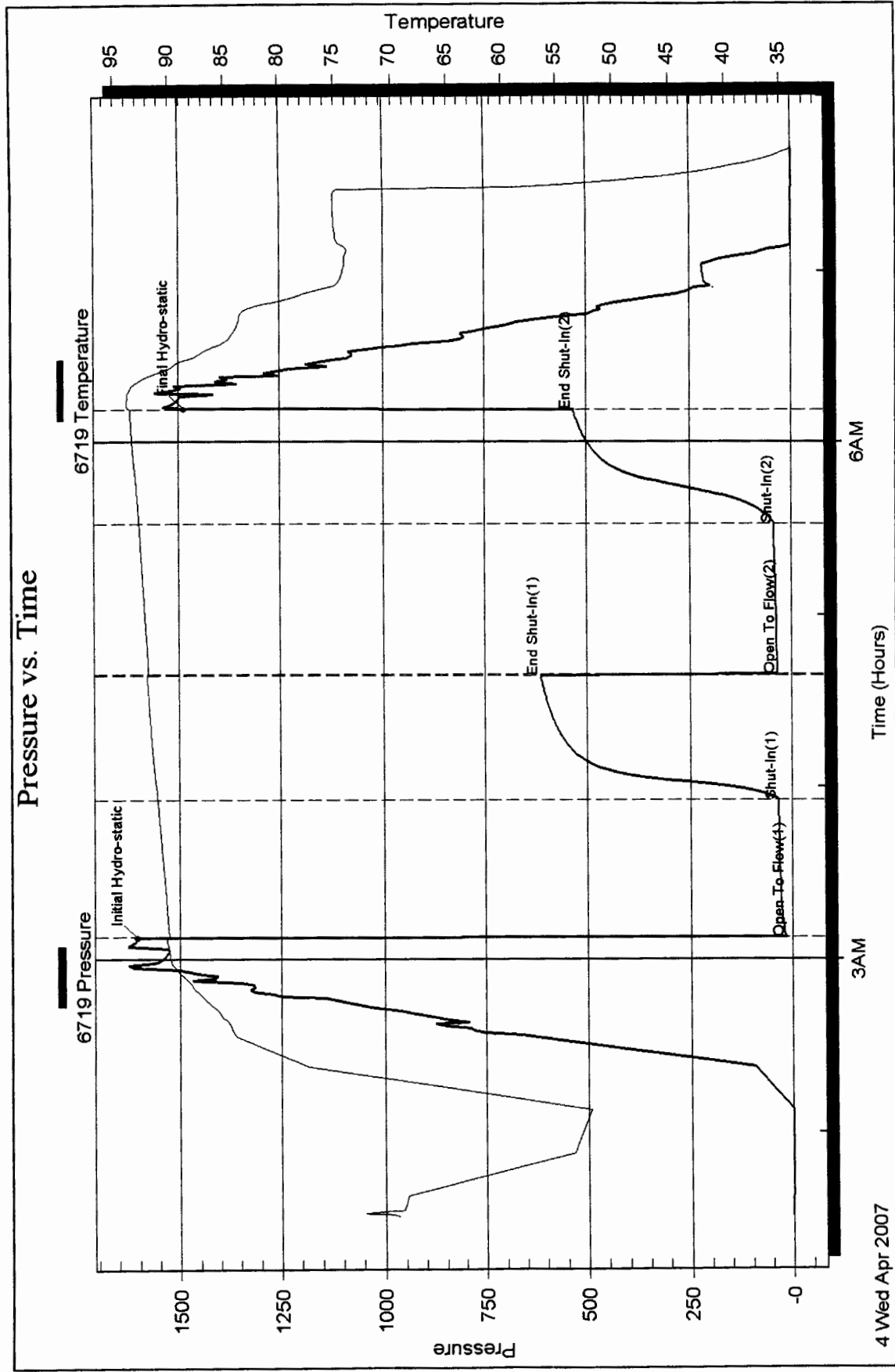
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



4 Wed Apr 2007

6AM

3AM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 16S 14W Barton KS

Miller A Trust #3

Start Date: 2007.04.04 @ 18:04:45

End Date: 2007.04.05 @ 00:33:30

Job Ticket #: 27641 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

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

ATTN: Kitt Noah

Job Ticket: 27641

DST#: 4

Test Start: 2007.04.04 @ 18:04:45

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:49:00

Time Test Ended: 00:33:30

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3341.00 ft (KB) To 3375.00 ft (KB) (TVD)**

Total Depth: 3375.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1919.00 ft (KB)

1911.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: **6719** Inside

Press@RunDepth: 238.00 psig @ 3342.00 ft (KB)

Start Date: 2007.04.04

End Date:

2007.04.05

Capacity: 7000.00 psig

Last Calib.: 2007.04.05

Start Time: 18:04:47

End Time:

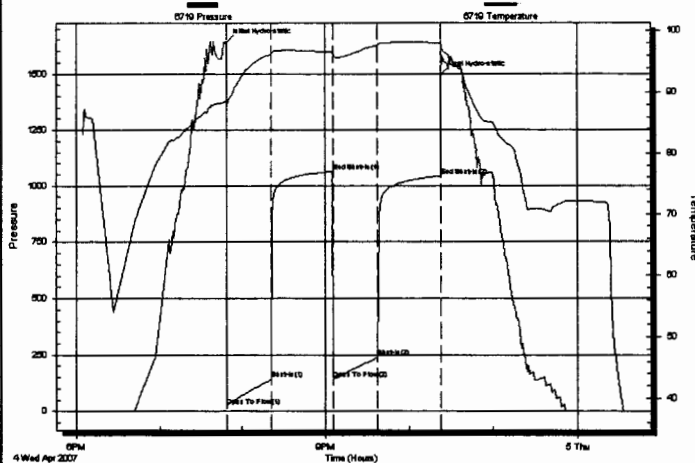
00:33:30

Time On Btm: 2007.04.04 @ 19:48:45

Time Off Btm: 2007.04.04 @ 22:22:45

TEST COMMENT: IFP Strong Blow BOB in 5 Minutes
ISI Blow back Built to 3-1/2 "
FFP Good Blow BOB in 8 Minutes
FSI Dead

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.96	88.56	Initial Hydro-static
1	24.28	88.26	Open To Flow (1)
33	140.18	96.16	Shut-In(1)
77	1063.64	96.54	End Shut-In(1)
78	142.68	96.29	Open To Flow (2)
109	238.00	97.63	Shut-In(2)
154	1043.13	98.06	End Shut-In(2)
154	1493.36	98.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	SOCWM 15%G 5%O 20%W 60%M	1.41
465.00	Gassy Oil 40%G 60%O	6.52

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27641

DST#: 4

ATTN: Kitt Noah

Test Start: 2007.04.04 @ 18:04:45

Tool Information

Drill Pipe:	Length: 3304.00 ft	Diameter: 3.80 inches	Volume: 46.35 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: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 48000.00 lb
		<u>Total Volume:</u>	<u>46.50 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3341.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	55.00 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			3321.00	
Shut In Tool	5.00			3326.00	
Hydraulic tool	5.00			3331.00	
Packer	5.00			3336.00	21.00 Bottom Of Top Packer
Packer	5.00			3341.00	
Stubb	1.00			3342.00	
Perforations	0.00			3342.00	
Recorder	0.00	6719	Inside	3342.00	
Perforations	30.00			3372.00	
Recorder	0.00	13221	Outside	3372.00	
Bullnose	3.00			3375.00	34.00 Bottom Packers & Anchor

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Miller A Trust #3

PO Box 33
Russell KS 67665

4 16S 14W Barton KS

Job Ticket: 27641

DST#: 4

ATTN: Kitt Noah

Test Start: 2007.04.04 @ 18:04:45

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

18000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	SOCWM 15%G 5%O 20%W 60%M	1.410
465.00	Gassy Oil 40%G 60%O	6.523

Total Length: 585.00 ft

Total Volume: 7.933 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

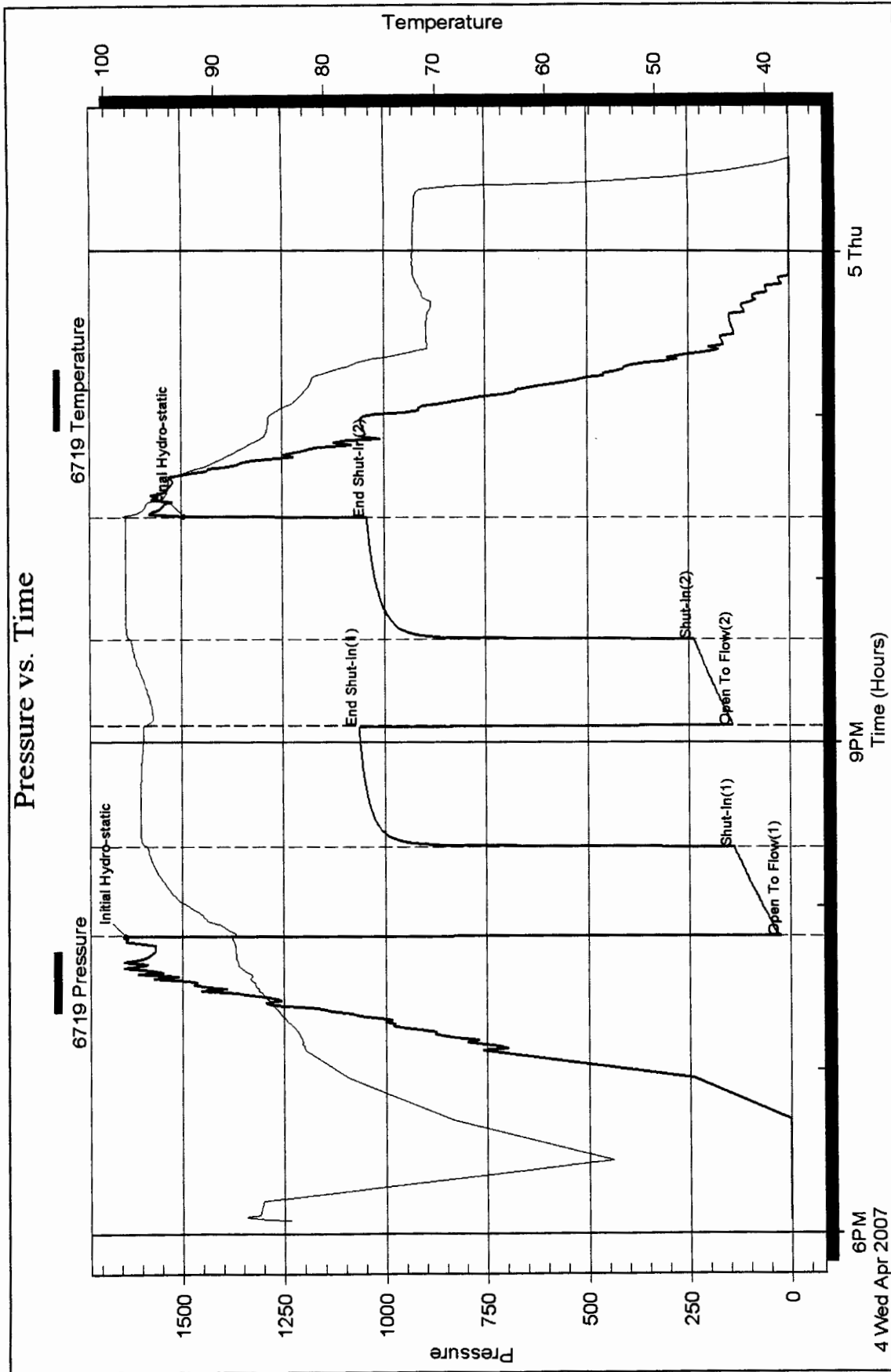
Serial #:

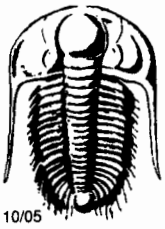
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

10005

27637

Test Ticket

Well Name & No. Miller A Trust #3 Test No. 1 Date 4-2-07
 Company Ma: Oil Operations Zone Tested Toronto
 Address PO Box 33, Russell, Ks. 67665 Elevation 1919 KB 1911 GL
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 4 Twp. 16s Rge. 14w Co. Barton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3056 - 3095 Initial Str Wt./Lbs. 40,000 Unseated Str Wt./Lbs. 40,000
 Anchor Length 39' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 49,000
 Top Packer Depth 3051 Tool Weight 2200
 Bottom Packer Depth 3056 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3095 Wt. Pipe Run 0 Drill Collar Run 30
 Mud Wt. 8.9 LCM 0 Vis. 58 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3036
 Blow Description IFP - Weak Blow, Built to 7"
ISF - Dead
FFP - Weak Blow, Built to 5"
FSI - Dead

Recovery - Total Feet 140 GIP _____ Ft. in DC 110 Ft. in DP 30
 Rec. 140 Feet of SMW %gas _____ %oil _____ %water 95 %mud 5
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 93 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW .535 @ 80' °F Chlorides 10,700 ppm Recovery _____ Chlorides 4100 ppm System

	AK-1	Alpine	PSI	Recorder No.	Test
(A) Initial Hydrostatic Mud		1471		6719	1100
(B) First Initial Flow Pressure		13		(depth) 3058	
(C) First Final Flow Pressure		50		Recorder No. 13221	
(D) Initial Shut-In Pressure		714		(depth) 3092	
(E) Second Initial Flow Pressure		53		Recorder No. _____	
(F) Second Final Flow Pressure		75		(depth) _____	
(G) Final Shut-In Pressure		705		Initial Opening 45	
(Q) Final Hydrostatic Mud		1380		Initial Shut-In 45	

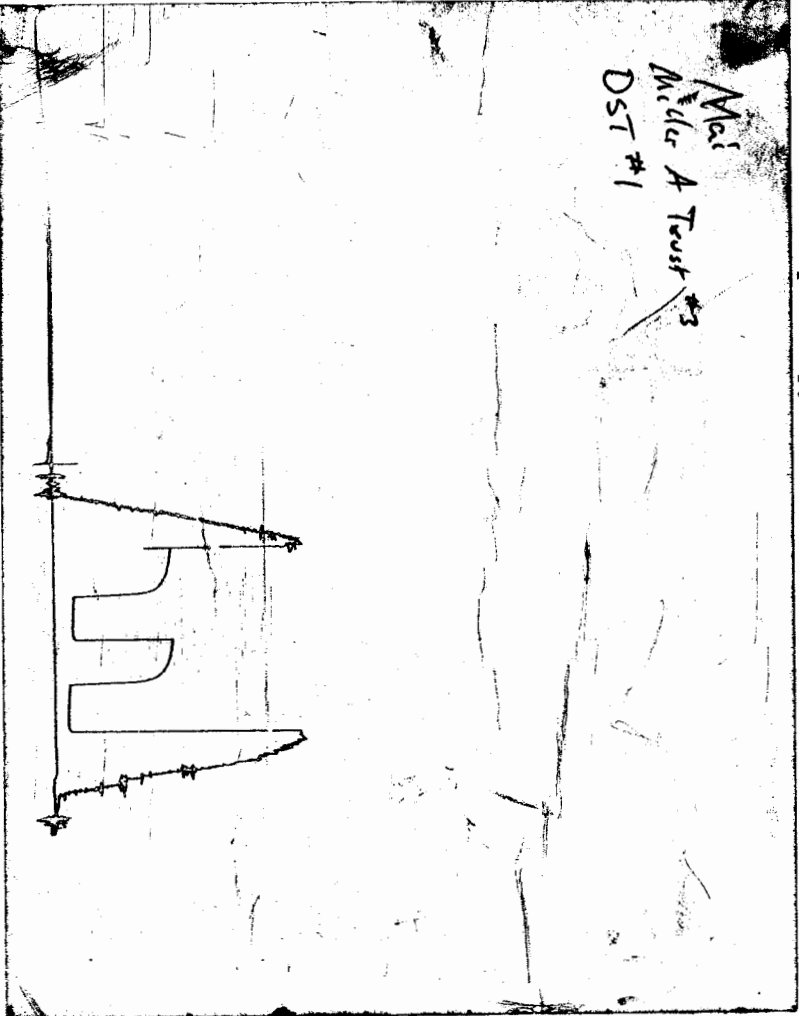
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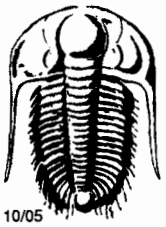
Final Flow 45
 Final Shut-In 45
 T-On Location 9:45
 T-Started _____
 T-Open 12:30
 T-Pulled 15:30
 T-Out 17:03
 Safety Jt. _____
 Circ Sub _____
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 80 RT 100-
 Sub Total: 1200-
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: _____

Approved By _____
 Our Representative J. Mc Lamon

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





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27639

Test Ticket

Well Name & No. Miller "A" Trust #3 Test No. 2 Date 4-3-07
 Company Mai Oil Operations, Inc Zone Tested LKC-B-C
 Address PO Box 33, Russell, Ks, 67665 Elevation 1919 KB 1911 GL
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 4 Twp. 16s Rge. 14w Co. Barton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3138 - 3180 Initial Str Wt/Lbs. 41,000 Unseated Str Wt/Lbs. 42,000
 Anchor Length 42 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 44,000
 Top Packer Depth 3133 Tool Weight 2200
 Bottom Packer Depth 3138 Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3180 Wt. Pipe Run 0 Drill Collar Run 30
 Mud Wt. 9.2 LCM 0 Vis. 55 WL 7.2 Drill Pipe Size 4 1/2 XH Ft. Run 3100
 Blow Description IFP - Blow of Bottom in 1 1/2 minutes
ISI - Blowback BOB in 12 min.
FFP - Strong Blow, BOB in 4 1/2 minutes
FSI - Blowback BOB in 20 minutes

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>480</u>	<u>2100</u>	<u>30</u>	<u>450</u>
Rec. <u>60</u>	Feet of <u>Gassy Oil</u>	<u>40</u> %gas	<u>60</u> %oil
Rec. <u>180</u>	Feet of <u>WMCO</u>	<u>20</u> %gas	<u>68</u> %oil
Rec. <u>150</u>	Feet of <u>WSWCGO</u>	<u>50</u> %gas	<u>40</u> %oil
Rec. <u>90</u>	Feet of <u>Water</u>	%gas	%oil
Rec. _____	Feet of _____	%gas	%oil
BHT <u>96</u>	F Gravity <u>40</u>	API D @ <u>50</u>	F Corrected Gravity <u>51</u>
RW <u>.350</u>	@ <u>50</u>	F Chlorides <u>25,000</u> ppm	Recovery _____ Chlorides <u>4,100</u> ppm System

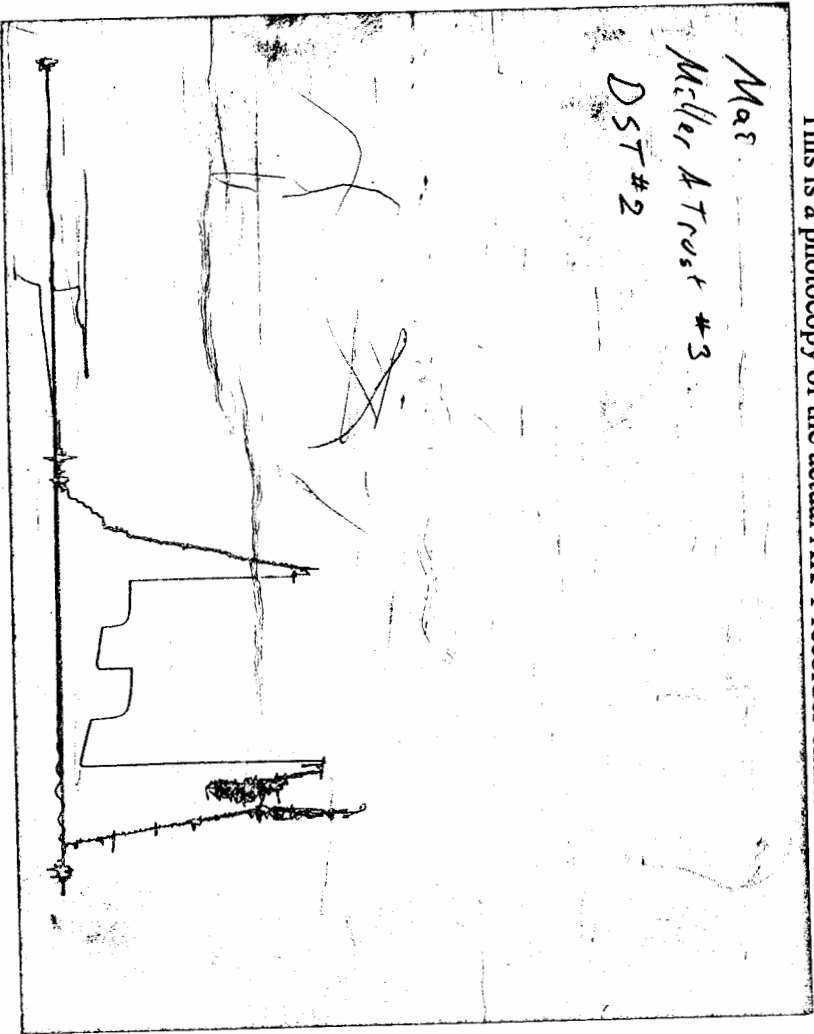
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>1543</u> PSI	<u>6719</u>	<u>1100</u>
(B) First Initial Flow Pressure		<u>38</u> PSI	(depth) <u>3143</u>	Jars _____
(C) First Final Flow Pressure		<u>136</u> PSI	Recorder No. <u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>418</u>	136 PSI	(depth) <u>3177</u>	Circ Sub _____
(E) Second Initial Flow Pressure		<u>142</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>207</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>414</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>1441</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <u>80 to 100</u>
			T-On Location <u>1:00</u>	Sub Total: _____
			T-Started <u>1:39</u>	Std. By: _____
			T-Open <u>3:14</u>	Acc. Chg: _____
			T-Pulled <u>6:14</u>	Other: <u>1200</u>
			T-Out <u>8:49</u>	Total: _____

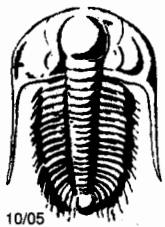
Approved By _____
 Our Representative J. McJannet *Frank You*

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CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27640

Test Ticket

Well Name & No. Miller A Trust #3 Test No. 3 Date 4-4-07
 Company Mai Oil Operations, Inc. Zone Tested H-K
 Address PO Box 33, Russell, Ks. 67665 Elevation 1919 KB 1911 GL
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 4 Twp. 16 s Rge. 14w Co. Barton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3262-3330 Initial Str Wt./Lbs. 41,000 Unseated Str Wt./Lbs. 41,000
 Anchor Length 68' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 45,000
 Top Packer Depth 3257 Tool Weight 2200
 Bottom Packer Depth 3262 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3330 Wt. Pipe Run 0 Drill Collar Run 30
 Mud Wt. 9.1 LCM 0 Vis. 61 WL 8.0 Drill Pipe Size 4 1/2 XH Ft. Run _____
 Blow Description TFP- Weak Blow, Built to 3 1/4"

ISI- Dead
FFP- Weak Blow, Built to 1"
FSI- Dead

Recovery - Total Feet 65 GIP _____ Ft. in DC 30 Ft. in DP 35
 Rec. 5 Feet of Mud with oil specks %gas _____ %oil _____ %water _____ %mud _____
 Rec. 60 Feet of Mud %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 Rec. _____ Feet of _____ %gas _____ %oil _____ %water _____ %mud _____
 BHT 94° °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 7,200 ppm System

	AK-1	Alpine	Recorder No.	(Test)
(A) Initial Hydrostatic Mud	<u>1605</u>	PSI	<u>6719</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>16</u>	PSI	(depth) <u>3265</u>	Jars _____
(C) First Final Flow Pressure	<u>34</u>	PSI	Recorder No. <u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>613</u>	PSI	(depth) <u>3327</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>36</u>	PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>43</u>	PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>532</u>	PSI	Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1488</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <u>80</u> or <u>100</u>

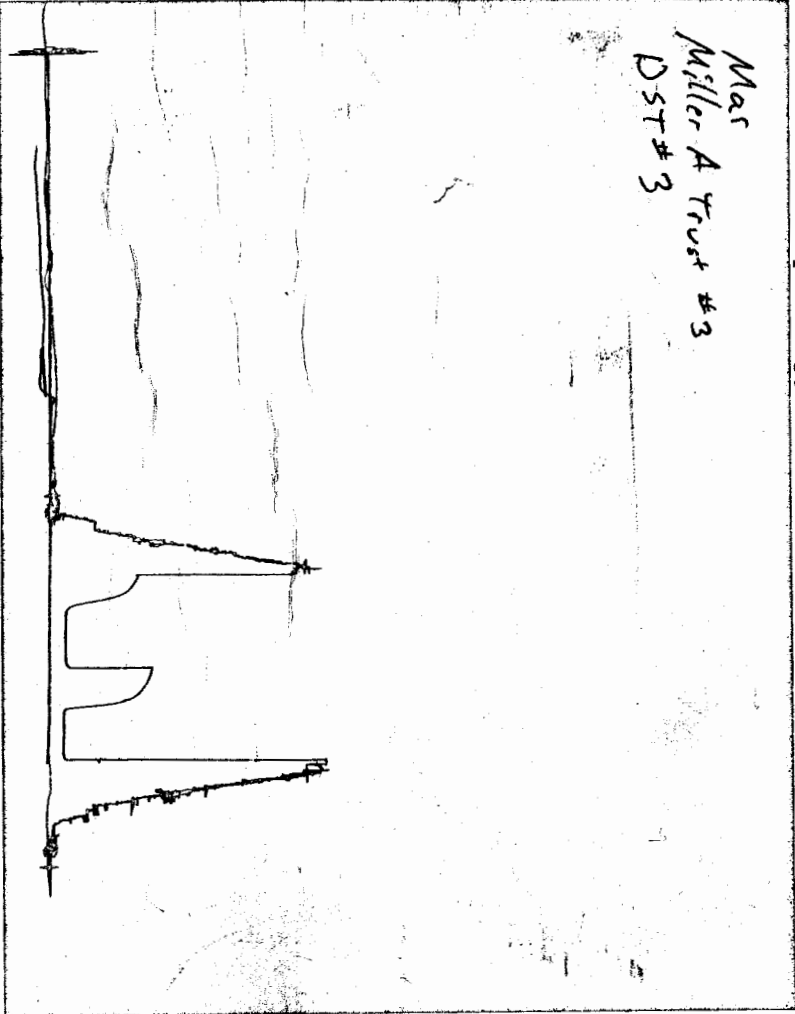
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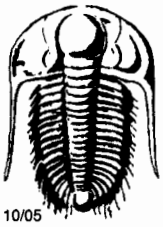
Approved By _____
 Our Representative J. Mc Lomon thank you
 T-Started 1:30
 T-Open 3:08
 T-Pulled 6:08
 T-Out 7:43
 Sub Total: _____
 Std. By _____
 Acc. Chg: _____
 Other: _____
 Total: 1200

CHART PAGE

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Mar
Miller A Trust #3
DST #3





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27641

Test Ticket

Well Name & No. Miller A Trust #3 Test No. 4 Date 4-4-07
 Company Mai Oil Operations, Inc Zone Tested Arbuckle
 Address PO Box 33, Russell, Ks, 67665 Elevation 1919 KB 1911 GL
 Co. Rep / Geo. Kitt Noah Rig Southwind #3
 Location: Sec. 4 Twp. 16s Rge. 14w Co. Barton State Ks
 Comment: _____ Release date / time: _____

Interval Tested 3341 - 3375 Initial Str Wt./Lbs. 42,000 Unseated Str Wt./Lbs. 45,000
 Anchor Length 34' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 48,000
 Top Packer Depth 3336 Tool Weight 2200
 Bottom Packer Depth 3341 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓
 Total Depth 3375 Wt. Pipe Run 0 Drill Collar Run 30
 Mud Wt. 9.0 LCM 0 Vis. 45 WL 7.6 Drill Pipe Size 4 1/2 XH Ft. Run 3304
 Blow Description IFP - Strong Blow, BOB in 5 min.
ISI - Blowback Built to 3 1/2"
FFP - Good Blow, BOB in 8 min.
FSI - Dead

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
<u>585</u>	<u>135</u>	<u>30</u>	<u>555</u>
Rec. <u>465</u>	Feet of <u>Gassy oil</u>	<u>40</u> %gas <u>60</u> %oil	%water %mud
Rec. <u>120</u>	Feet of <u>SOCWM</u>	<u>15</u> %gas <u>5</u> %oil	<u>20</u> %water <u>60</u> %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
Rec. _____	Feet of _____	%gas %oil	%water %mud
BHT <u>98°</u>	'F Gravity <u>33</u>	'API D @ <u>35°</u>	'F Corrected Gravity <u>36</u> 'API
RW <u>.604</u>	@ <u>35°</u> 'F	Chlorides <u>18,000</u> ppm	Recovery _____ Chlorides <u>7,300</u> ppm System

AK-1	Alpine	Recorder No.	(test)
(A) Initial Hydrostatic Mud	<u>1638</u> PSI	<u>6719</u>	<u>1100</u>
(B) First Initial Flow Pressure	<u>24</u> PSI	(depth) <u>3342</u>	Jars _____
(C) First Final Flow Pressure	<u>140</u> PSI	Recorder No. <u>13221</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1064</u> PSI	(depth) <u>3372</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>143</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure	<u>238</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure	<u>1043</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1567</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____
		Final Flow <u>30</u>	Ruined Packer _____
		Final Shut-In <u>45</u>	Mileage <u>80 ft 100</u>
		T-On Location <u>17:30</u>	Sub Total: _____
		T-Started <u>18:04</u>	Std. By _____
		T-Open <u>19:49</u>	Acc. Chg: <u>1200</u>
		T-Pulled <u>22:19</u>	Other: _____
		T-Out <u>20:33</u>	Total: _____

Approved By _____
 Our Representative J. McLamou *Thank you*

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CHART PAGE

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