

DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 1614W Barton KS

Miller Trust A #4

Start Date: 2007.11.05 @ 03:29:00

End Date: 2007.11.05 @ 08:02:45

Job Ticket #: 29692 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

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Miller Trust A #4

4 1614W Barton KS

Job Ticket: 29692

DST#: 1

Test Start: 2007.11.05 @ 03:29:00

GENERAL INFORMATION:

Formation: **Toronto**

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

Time Tool Opened: 05:02:00

Time Test Ended: 08:02:45

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **3069.00 ft (KB) To 3106.00 ft (KB) (TVD)**

Total Depth: **3106.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1927.00 ft (KB)**

1919.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **8017**

Inside

Press@RunDepth: **18.31 psig @ 3074.00 ft (KB)**

Start Date: **2007.11.05**

End Date:

2007.11.05

Capacity: **7000.00 psig**

Last Calib.: **2007.11.05**

Start Time: **03:29:01**

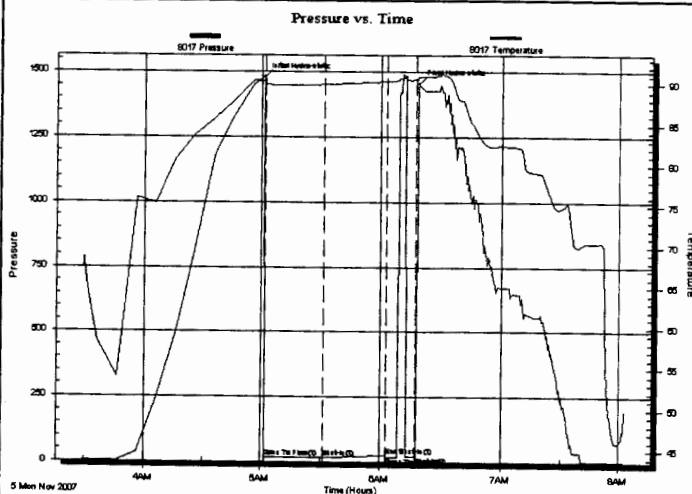
End Time:

08:02:45

Time On Btm: **2007.11.05 @ 05:01:30**

Time Off Btm: **2007.11.05 @ 06:18:30**

TEST COMMENT: IF Weak surface blow died @ 14 min.
ISI No return
FF No blow flushed tool after 7 min. no blow pulled tool
FSI N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1479.59	90.31	Initial Hydro-static
1	17.61	90.02	Open To Flow (1)
30	18.31	89.97	Shut-In (1)
62	25.15	90.36	End Shut-In (1)
62	16.83	90.36	Open To Flow (2)
76	20.75	90.56	Shut-In (2)
77	1455.52	90.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05
0.00	Spots of Oil in tool	0.00

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
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4 1614W Barton KS

Job Ticket: 29692

DST#: 1

ATTN: Kitt Noah

Test Start: 2007.11.05 @ 03:29:00

Tool Information

Drill Pipe:	Length: 3023.00 ft	Diameter: 3.80 inches	Volume: 42.40 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: 25000.00 lb
Drill Collar:	Length: 58.00 ft	Diameter: 2.25 inches	Volume: 0.29 bbl	Weight to Pull Loose: 55000.00 lb
		Total Volume: 42.69 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3069.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3055.00	
Hydraulic tool	5.00			3060.00	
Packer	5.00			3065.00	19.00 Bottom Of Top Packer
Packer	4.00			3069.00	
Stubb	1.00			3070.00	
Perforations	4.00			3074.00	
Recorder	0.00	8017	Inside	3074.00	
Recorder	0.00	8351	Inside	3074.00	
Perforations	27.00			3101.00	
Bullnose	5.00			3106.00	37.00 Bottom Packers & Anchor
Total Tool Length:	56.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
Russell KS 67665

4 1614W Barton KS

Job Ticket: 29692

DST#: 1

ATTN: Kitt Noah

Test Start: 2007.11.05 @ 03:29:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	100%M	0.049
0.00	Spots of Oil in tool	0.000

Total Length:

10.00 ft

Total Volume:

0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

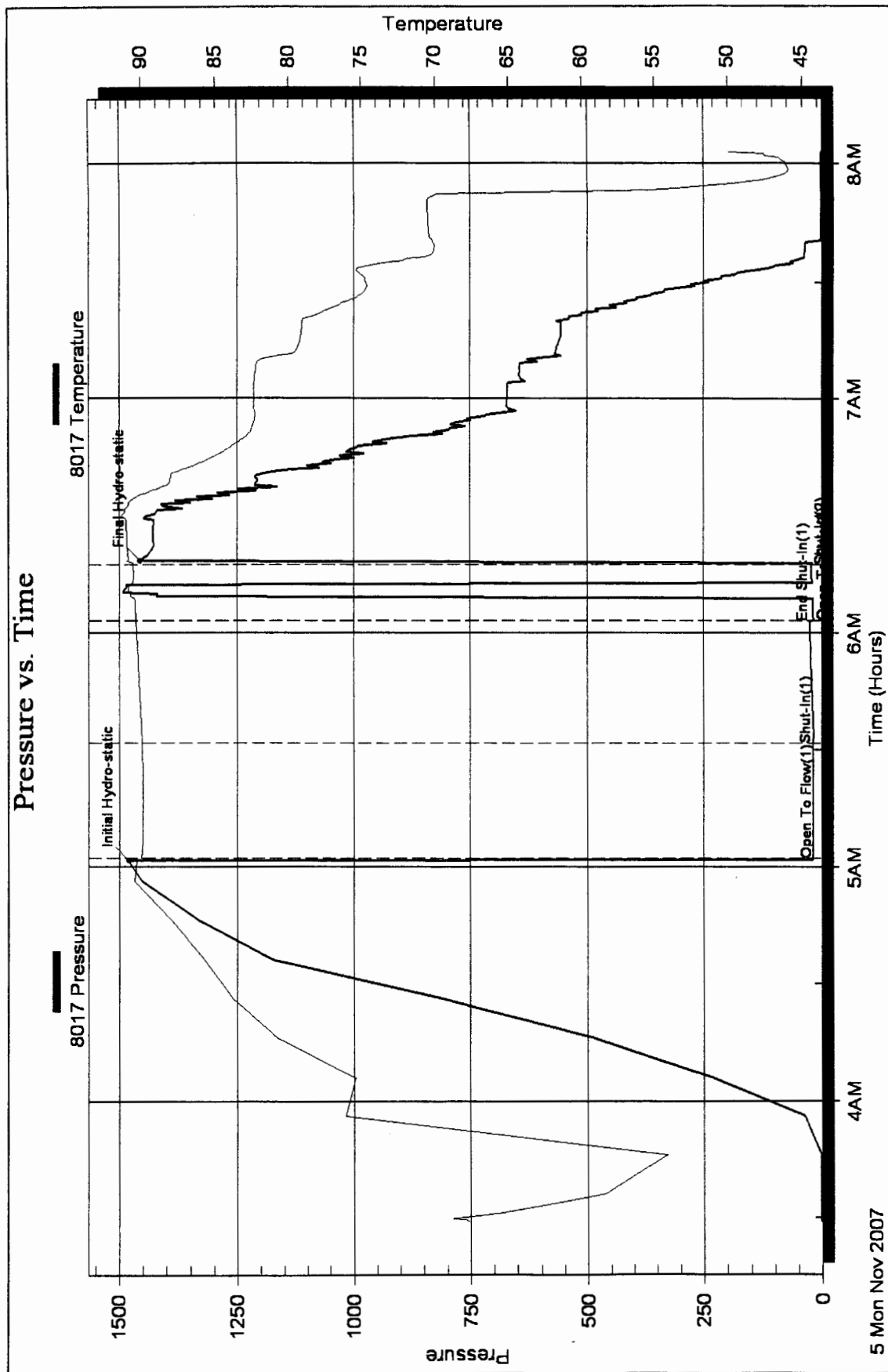
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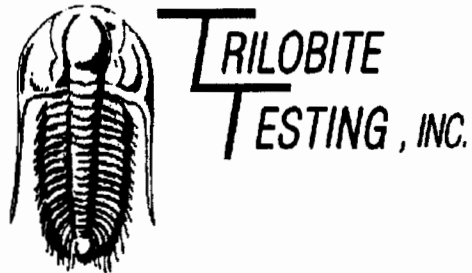
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 1614W Barton KS

Miller Trust A #4

Start Date: 2007.11.05 @ 17:40:15

End Date: 2007.11.05 @ 22:14:30

Job Ticket #: 29693 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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DRILL STEM TEST REPORT

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Miller Trust A #4

4 1614W Barton KS

Job Ticket: 29693

DST#: 2

Test Start: 2007.11.05 @ 17:40:15

GENERAL INFORMATION:

Formation: **LKC "B/C"**

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

Time Tool Opened: 19:07:15

Time Test Ended: 22:14:30

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Smith**

Unit No: **37**

Interval: **3147.00 ft (KB) To 3190.00 ft (KB) (TVD)**

Total Depth: **3190.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1927.00 ft (KB)**

1919.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: 8017 **Inside**

Press@RunDepth: **35.69 psig @ 3153.00 ft (KB)**

Start Date: **2007.11.05** End Date: **2007.11.05**

Start Time: **17:40:16** End Time: **22:14:30**

Capacity: **7000.00 psig**

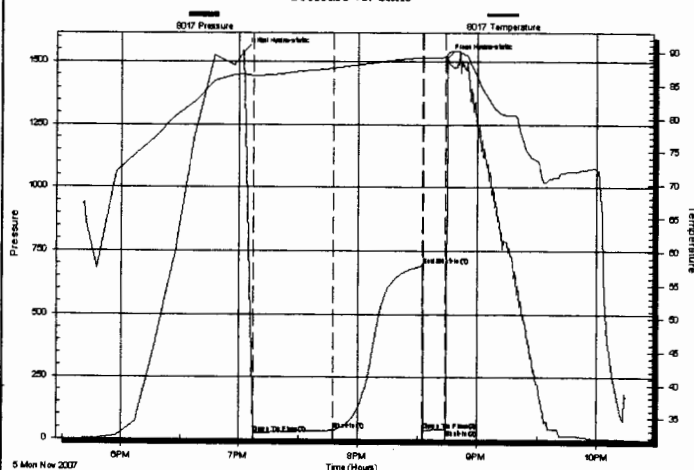
Last Calib.: **2007.11.05**

Time On Btm: **2007.11.05 @ 19:02:15**

Time Off Btm: **2007.11.05 @ 20:45:00**

TEST COMMENT: IF Blow built to 1/8 "
ISI No return
FF No blow
FSI N/A

Pressure vs. Time



PRESSURE SUMMARY

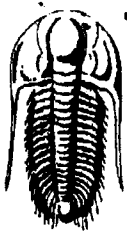
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1540.37	86.67	Initial Hydro-static
5	23.90	86.45	Open To Flow (1)
46	35.69	87.62	Shut-In (1)
91	692.11	89.24	End Shut-In (1)
91	38.44	89.12	Open To Flow (2)
102	41.32	89.30	Shut-In (2)
103	1515.10	89.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	100%M	0.10
0.00	Spots of Oil	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
Russell KS 67665

4 1614W Barton KS

Job Ticket: 29693

DST#: 2

ATTN: Kitt Noah

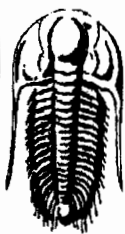
Test Start: 2007.11.05 @ 17:40:15

Tool Information

Drill Pipe:	Length: 3085.00 ft	Diameter: 3.80 inches	Volume: 43.27 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: 25000.00 lb
Drill Collar:	Length: 58.00 ft	Diameter: 2.25 inches	Volume: 0.29 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 43.56 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3147.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3133.00	
Hydraulic tool	5.00			3138.00	
Packer	5.00			3143.00	19.00 Bottom Of Top Packer
Packer	4.00			3147.00	
Stubb	1.00			3148.00	
Perforations	5.00			3153.00	
Recorder	0.00	8017	Inside	3153.00	
Recorder	0.00	8351	Inside	3153.00	
Change Over Sub	1.00			3154.00	
Drill Pipe	30.00			3184.00	
Change Over Sub	1.00			3185.00	
Bullnose	5.00			3190.00	43.00 Bottom Packers & Anchor

Total Tool Length: 62.00



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FLUID SUMMARY

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
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4 1614W Barton KS

Job Ticket: 29693

DST#: 2

ATTN: Kitt Noah

Test Start: 2007.11.05 @ 17:40:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	100%M	0.098
0.00	Spots of Oil	0.000

Total Length: 20.00 ft

Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

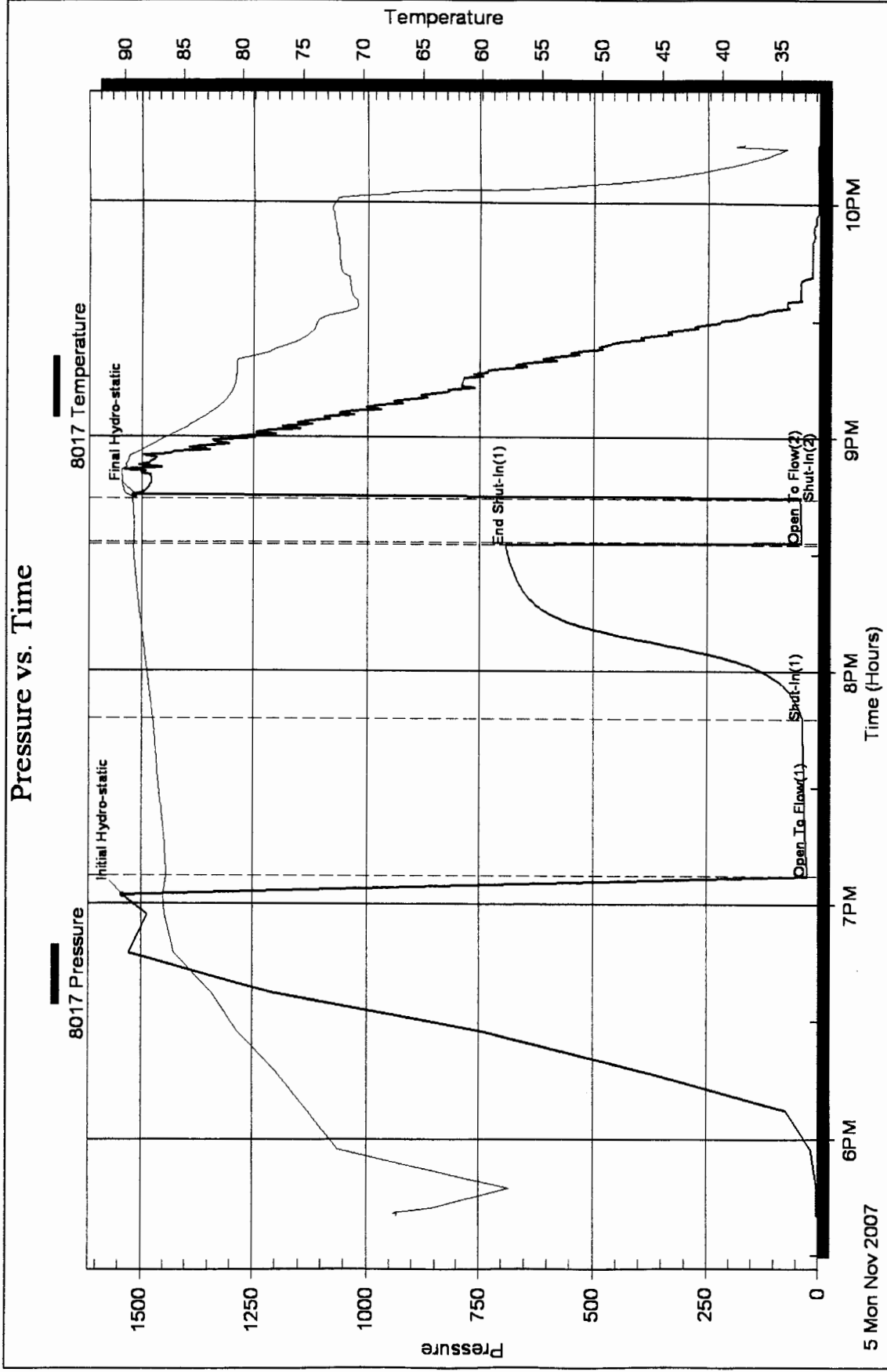
Serial #: 8017

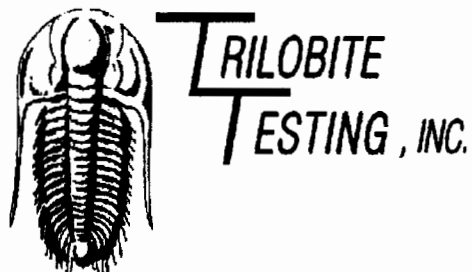
Inside

Mai Oil Operations Inc

4 1614W Barton KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 1614W Barton KS

Miller Trust A #4

Start Date: 2007.11.06 @ 22:15:00

End Date: 2007.11.07 @ 04:25:30

Job Ticket #: 29694 DST #: 3

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DRILL STEM TEST REPORT

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Miller Trust A #4

4 1614W Barton KS

Job Ticket: 29694

DST#: 3

Test Start: 2007.11.06 @ 22:15:00

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 23:47:30

Time Test Ended: 04:25:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **3358.00 ft (KB) To 3394.00 ft (KB) (TVD)**

Total Depth: 3394.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1927.00 ft (KB)

1919.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8017 **Inside**

Press@RunDepth: 45.69 psig @ 3363.00 ft (KB)

Start Date: 2007.11.06

End Date: 2007.11.07

Start Time: 22:15:01

End Time: 04:25:30

Capacity: 7000.00 psig

Last Calib.: 2007.11.07

Time On Btm: 2007.11.06 @ 23:47:00

Time Off Btm: 2007.11.07 @ 02:51:15

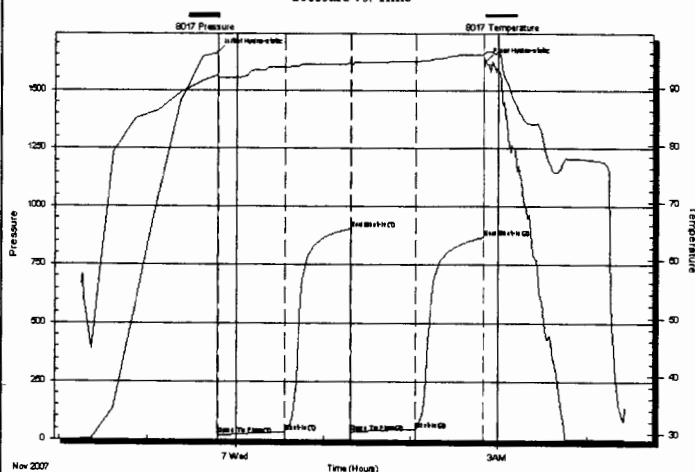
TEST COMMENT: IF Blow built to 5 "

ISI No return

FF Blow built to 6 "

FSI No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1659.47	92.08	Initial Hydro-static
1	19.03	91.76	Open To Flow (1)
46	32.41	93.51	Shut-In (1)
91	902.67	94.07	End Shut-In (1)
92	32.33	93.84	Open To Flow (2)
137	45.69	94.46	Shut-In (2)
183	866.13	95.67	End Shut-In (2)
185	1622.69	96.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OCM 40%O 60%M	0.98

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
Russell KS 67665

4 1614W Barton KS

Job Ticket: 29694

DST#: 3

ATTN: Kitt Noah

Test Start: 2007.11.06 @ 22:15:00

Tool Information

Drill Pipe:	Length: 3369.00 ft	Diameter: 3.80 inches	Volume: 47.26 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			Total Volume: 47.26 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3358.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 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
Shut in Tool	5.00			3344.00	
Hydraulic tool	5.00			3349.00	
Packer	5.00			3354.00	19.00 Bottom Of Top Packer
Packer	4.00			3358.00	
Stubb	1.00			3359.00	
Perforations	4.00			3363.00	
Recorder	0.00	8017	Inside	3363.00	
Recorder	0.00	8351	Inside	3363.00	
Perforations	26.00			3389.00	
Bullnose	5.00			3394.00	36.00 Bottom Packers & Anchor
Total Tool Length:	55.00				



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
Russell KS 67665

4 1614W Barton KS

Job Ticket: 29694

DST#: 3

ATTN: Kitt Noah

Test Start: 2007.11.06 @ 22:15:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	OCM 40%O 60%M	0.982

Total Length: 70.00 ft

Total Volume: 0.982 bbl

Num Fluid Samples: 0

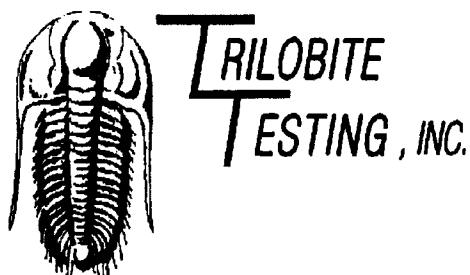
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

Prepared For: **Mai Oil Operations Inc**

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

4 1614W Barton KS

Miller Trust A #4

Start Date: 2007.11.07 @ 10:39:00

End Date: 2007.11.07 @ 16:47:30

Job Ticket #: 29695 DST #: 4

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DRILL STEM TEST REPORT

Mai Oil Operations Inc

PO Box 33
Russell KS 67665

ATTN: Kitt Noah

Miller Trust A #4

4 1614W Barton KS

Job Ticket: 29695

DST#: 4

Test Start: 2007.11.07 @ 10:39:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:56:00

Time Test Ended: 16:47:30

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

Interval: **3394.00 ft (KB) To 3402.00 ft (KB) (TVD)**

Total Depth: 3402.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1927.00 ft (KB)

1919.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8017 Inside

Press@RunDepth: 168.27 psig @ 3397.00 ft (KB)

Start Date: 2007.11.07

End Date:

2007.11.07

Start Time: 10:39:01

End Time:

16:47:30

Capacity: 7000.00 psig

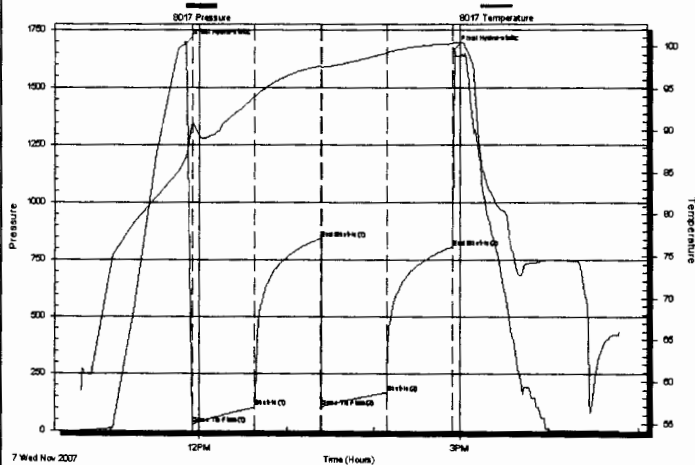
Last Calib.: 2007.11.07

Time On Btm: 2007.11.07 @ 11:51:00

Time Off Btm: 2007.11.07 @ 14:56:00

TEST COMMENT: IF BOB @ 17 min.
ISI 1/2 " return died @ 35 min.
FF BOB @ 20 min.
FSI Return died @ 40 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1692.87	86.85	Initial Hydro-static
5	28.30	91.06	Open To Flow (1)
48	101.91	93.94	Shut-In (1)
93	842.37	97.63	End Shut-In (1)
93	104.72	97.41	Open To Flow (2)
138	168.27	99.18	Shut-In (2)
184	805.58	100.29	End Shut-In (2)
185	1665.07	100.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
256.00	GMCW 10%G 15%M 75%W	3.59
64.00	GMWCO 30%G 15%M 20%W 25%O	0.90
45.00	GO 40%G 60%O	0.63

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
Russell KS 67665

4 1614W Barton KS

Job Ticket: 29695

DST#: 4

ATTN: Kitt Noah

Test Start: 2007.11.07 @ 10:39:00

Tool Information

Drill Pipe:	Length: 3397.00 ft	Diameter: 3.80 inches	Volume: 47.65 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: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.65 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 41000.00 lb
Depth to Top Packer:	3394.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	27.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3380.00	
Hydraulic tool	5.00			3385.00	
Packer	5.00			3390.00	19.00 Bottom Of Top Packer
Packer	4.00			3394.00	
Stubb	1.00			3395.00	
Perforations	2.00			3397.00	
Recorder	0.00	8017	Inside	3397.00	
Recorder	0.00	8351	Inside	3397.00	
Bullnose	5.00			3402.00	8.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Mai Oil Operations Inc

Miller Trust A #4

PO Box 33
Russell KS 67665

4 1614W Barton KS

Job Ticket: 29695

DST#: 4

ATTN: Kitt Noah

Test Start: 2007.11.07 @ 10:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

15000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
256.00	GMCW 10%G 15%M 75%W	3.591
64.00	GMVCO 30%G 15%M 20%W 25%O	0.898
45.00	GO 40%G 60%O	0.631

Total Length:

365.00 ft

Total Volume:

5.120 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

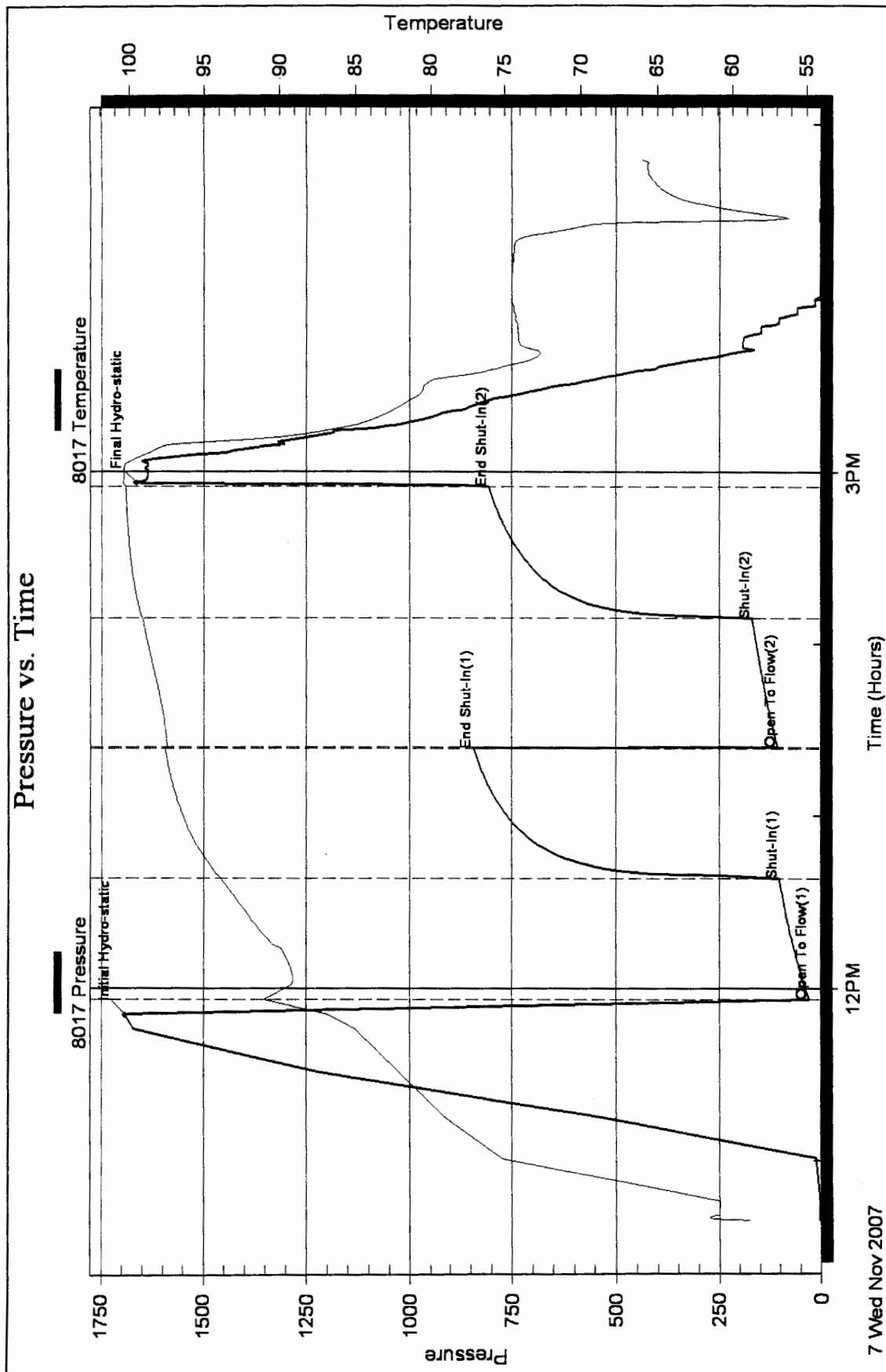
Laboratory Name:

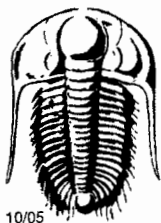
Laboratory Location:

Recovery Comments: 75 Feet of GIP

API 38 @ 65 degrees F = 15000

Pressure vs. Time





TRILOBITE TESTING INC.

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29692

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BY: _____

Test Ticket

Well Name & No. Miller Trust A #4 Test No. 1 Date 11-5-07
 Company Mai Oil Operations Zone Tested Toronto
 Address POB 33 Russell, KS 67665 Elevation 1927 KB 1919 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 3069 to 3106 Initial Str Wt./Lbs. 44,000 Unseated Str Wt./Lbs. 44,000
 Anchor Length 37 Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 55,000
 Top Packer Depth 3065 Tool Weight 2,300
 Bottom Packer Depth 3069 Hole Size 7 7/8" X Rubber Size 6 3/4" X
 Total Depth 3106 Wt. Pipe Run 0 Drill Collar Run 58
 Mud Wt. 9.0 LCM 2 Vis. 59 WL 8.0 Drill Pipe Size 4 1/2 Ft. Run 3023
 Blow Description IF: Weak surface blow died @ 14 min.

ISI: No return.

FF: No blow, flushed tool @ 7 min, no blow, pulled tool.

FSI: N/A

Recovery - Total Feet 10 GIP 0 Ft. in DC 10 Ft. in DP 0
 Rec. 10 Feet of Mud w/ spots of oil in tool %gas %oil %water 100 %mud
 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 90 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides 1,800 ppm System

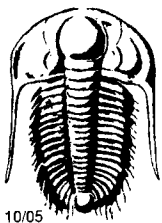
(A) Initial Hydrostatic Mud	AK-1	Alpine	PSI	Recorder No.	Test	X	1100
(B) First Initial Flow Pressure		1,480	PSI	(depth)	Jars		
(C) First Final Flow Pressure		18	PSI	Recorder No.	Safety Jt.		
(D) Initial Shut-In Pressure		18	PSI	(depth)	Circ Sub	X	N/C
(E) Second Initial Flow Pressure		25	PSI	Recorder No.	Sampler		
(F) Second Final Flow Pressure		17	PSI	(depth)	Straddle		
(G) Final Shut-In Pressure		21	PSI	Initial Opening	Ext. Packer		
(Q) Final Hydrostatic Mud		N/A	PSI	Initial Shut-In	Shale Packer		
		1,456	PSI	Final Flow	Ruined Packer		
				Final Shut-In	Mileage	29	36.25
				T-On Location	Sub Total:		1136.25
				T-Started	Std. By		
				T-Open	Acc. Chg:		
				T-Pulled	Other:		
				T-Out	Total:		

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Approved By [Signature]

Our Representative Chuck Smith

5.25



TRILOBITE TESTING INC.

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29693

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NOV 12 2007

BY: _____

Test Ticket

Well Name & No. <u>Miller Trust "A" #4</u>	Test No. <u>2</u>	Date <u>11-5-07</u>
Company <u>Mai Oil Operations, Inc.</u>	Zone Tested <u>LKC "B/C"</u>	
Address <u>POB 33 Russell, KS 67665</u>	Elevation <u>1927</u> KB <u>1919</u> GL	
Co. Rep / Geo. <u>Kitt Noah</u>	Rig <u>Southwind #3</u>	
Location: Sec. <u>4</u> Twp. <u>16S</u> Rge. <u>14W</u>	Co. <u>Barton</u> State <u>KS</u>	
Comment: _____		Release date / time: _____

Interval Tested <u>3147 to 3190</u>	Initial Str Wt./Lbs. <u>44,000</u>	Unseated Str Wt./Lbs. <u>44,000</u>
Anchor Length <u>43</u>	Wt. Set Lbs. <u>24,000</u>	Wt. Pulled Loose/Lbs. <u>50,000</u>
Top Packer Depth <u>3143</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>3147</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>3190</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>58</u>
Mud Wt. <u>8.9</u> LCM <u>1</u> Vis. <u>62</u> WL <u>8.0</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3085</u>
Blow Description <u>IF: Blow built to 1/8"</u>		

ISI: No return.

FF: No blow.

FSI: N/A

Recovery - Total Feet <u>20</u>	GIP <u>0</u>	Ft. in DC <u>20</u>	Ft. in DP <u>0</u>
Rec. <u>20</u> Feet of <u>Mud w/spots of oil</u>	%gas	%oil	%water <u>100</u> %mud
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 <u>89</u> °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API			
RW _____ @ _____ °F Chlorides _____ ppm Recovery _____ Chlorides <u>4,000</u> ppm System			

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>1,540</u>	PSI	Recorder No. <u>8017</u>	Test <u>X</u>	<u>1,100</u>	
(B) First Initial Flow Pressure	<u>24</u>	PSI	(depth) <u>3153</u>	Jars		
(C) First Final Flow Pressure	<u>34</u>	PSI	Recorder No. <u>8351</u>	Safety Jt.		
(D) Initial Shut-In Pressure	<u>692</u>	PSI	(depth) <u>3153</u>	Circ Sub <u>X</u>	<u>N/C</u>	
(E) Second Initial Flow Pressure	<u>38</u>	PSI	Recorder No. _____	Sampler		
(F) Second Final Flow Pressure	<u>41</u>	PSI	(depth) _____	Straddle		
(G) Final Shut-In Pressure	<u>N/A</u>	PSI	Initial Opening <u>45</u>	Ext. Packer		
(Q) Final Hydrostatic Mud	<u>1,515</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer		

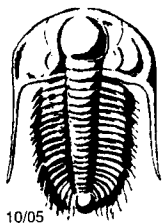
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Approved By Kitt Noah

Our Representative Chuck Smith

Final Flow	<u>12</u>
Final Shut-In	<u>N/A</u>
T-On Location	<u>17:30</u>
T-Started	<u>17:40</u>
T-Open	<u>19:07</u>
T-Pulled	<u>20:44</u>
T-Out	<u>10:15 22:14</u>
Total:	<u>4.5</u>

Mileage <u>29RT</u>	<u>36.25</u>
Sub Total:	<u>1136.25</u>
Std. By	<u>?</u>
Acc. Chg:	<u>?</u>
Other:	
Total:	



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Test Ticket

BY: _____

Well Name & No. <u>Miller Trust 'A' #4</u>	Test No. <u>3</u>	Date <u>11-6-07</u>
Company <u>Mai Oil Operations, Inc.</u>	Zone Tested <u>Arbuckle</u>	
Address <u>POB 33 Russell, KS 67665</u>	Elevation <u>1927</u> KB <u>1919</u>	GL
Co. Rep / Geo. <u>Kirt Noah</u>	Rig <u>Southwind #3</u>	
Location: Sec. <u>4</u> Twp. <u>16E</u> Rge. <u>14W</u>	Co. <u>Barton</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3358 to 3394</u>	Initial Str Wt./Lbs. <u>44,000</u>	Unseated Str Wt./Lbs. <u>48,000</u>
Anchor Length <u>36</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>44,000</u>
Top Packer Depth <u>3354</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>3358</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>3394</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>0</u>
Mud Wt. <u>9.1</u> LCM <u>1</u> Vis. <u>57</u> WL <u>8.8</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3,369</u>

Blow Description IF: Blow built to 5".
ISI: No return.
FF: Blow built to 6".
FSI: No return.

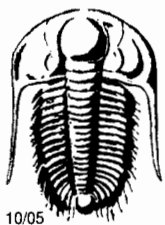
Recovery - Total Feet <u>70</u>	GIP <u>0</u>	Ft. in DC <u>0</u>	Ft. in DP <u>70</u>
Rec. <u>70</u> Feet of <u>OCM</u>	%gas <u>40</u>	%oil <u>60</u>	%water <u>60</u> %mud
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud
Rec. _____ Feet of <u>Faint odor in 10 stands</u>	%gas _____	%oil _____	%water _____ %mud
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud
Rec. _____ Feet of _____	%gas _____	%oil _____	%water _____ %mud
BHT <u>96</u> °F Gravity _____	*API D @ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm	Recovery _____	Chlorides <u>5,000</u> ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud	<u>1,659</u>	PSI	Recorder No.	<u>8017</u>	Test <u>X</u>	<u>1,100^{ee}</u>
(B) First Initial Flow Pressure	<u>19</u>	PSI	(depth)	<u>3363</u>	Jars	
(C) First Final Flow Pressure	<u>32</u>	PSI	Recorder No.	<u>8351</u>	Safety Jt.	
(D) Initial Shut-In Pressure	<u>903</u>	PSI	(depth)	<u>3363</u>	Circ Sub <u>X</u>	<u>N/C</u>
(E) Second Initial Flow Pressure	<u>32</u>	PSI	Recorder No.		Sampler	
(F) Second Final Flow Pressure	<u>46</u>	PSI	(depth)		Straddle	
(G) Final Shut-In Pressure	<u>864</u>	PSI	Initial Opening	<u>45</u>	Ext. Packer	
(Q) Final Hydrostatic Mud	<u>1,623</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>29 RT</u>	<u>36.25</u>
			T-On Location	<u>21:58</u>	Sub Total:	<u>11 36.25</u>
			T-Started	<u>22:15</u>	Std. By	
			T-Open	<u>23:46:55</u>	Acc. Chg:	
			T-Pulled	<u>2:50</u>	Other:	
			T-Out	<u>4:25</u>	Total:	

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Approved By Chuck Smith
 Our Representative Chuck Smith

6.5



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

29695
RECEIVED
NOV 12 2007
BY: _____

Test Ticket

Well Name & No. <u>Miller Trust A #4</u>	Test No. <u>4</u>	Date <u>11-7-07</u>
Company <u>Mai Oil Operations, Inc.</u>	Zone Tested <u>Arbuckle</u>	
Address <u>POB 33 Russell, KS 67665</u>	Elevation <u>1,927</u> KB <u>1,919</u>	GL
Co. Rep / Geo. <u>Kitt Noah</u>	Rig <u>Southwind #3</u>	
Location: Sec. <u>4</u> Twp. <u>16s</u> Rge. <u>14w</u>	Co. <u>Barton</u>	State <u>KS</u>
Comment: _____	Release date / time: _____	

Interval Tested <u>3394 to 3402</u>	Initial Str Wt./Lbs. <u>41,000</u>	Unseated Str Wt./Lbs. <u>42,000</u>
Anchor Length <u>8</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>50,000</u>
Top Packer Depth <u>3390</u>	Tool Weight <u>2,000</u>	
Bottom Packer Depth <u>3394</u>	Hole Size 7 7/8" <u>X</u>	Rubber Size 6 3/4" <u>X</u>
Total Depth <u>3402</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>0</u>
Mud Wt. <u>9.1</u> LCM <u>3</u> Vis. <u>58</u> WL <u>7.6</u>	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>3397</u>

Blow Description IF: B.O.B. @ 17 min.
ISI: 1/2" return died @ 35 min.
FF: B.O.B. @ 20 min.
FSI: 1/2" return died @ 40 min.

Recovery - Total Feet <u>365</u>	GIP <u>75</u>	Ft. in DC <u>0</u>	Ft. in DP <u>365</u>
Rec. <u>45</u> Feet of <u>GO</u>	<u>40</u> %gas <u>60</u> %oil	%water	%mud
Rec. <u>64</u> Feet of <u>GMWCO</u>	<u>30</u> %gas <u>25</u> %oil	<u>20</u> %water	<u>15</u> %mud
Rec. <u>256</u> Feet of <u>GMW w/ spots of oil</u>	<u>10</u> %gas	%oil <u>75</u> %water	<u>15</u> %mud
Rec. _____ Feet of _____	%gas	%oil	%water
Rec. _____ Feet of _____	%gas	%oil	%water
BHT <u>100</u> °F Gravity <u>38</u>	°API D @ <u>65</u>	°F Corrected Gravity <u>38</u>	°API
RW <u>.493</u> @ <u>65</u> °F	Chlorides <u>15,000</u> ppm Recovery <u>15,000</u>	Chlorides <u>5,000</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1 <u>1,893</u> PSI	Alpine	Recorder No. <u>8017</u>	Test <u>X</u> <u>1,100</u>
(B) First Initial Flow Pressure	<u>28</u> PSI	(depth)	<u>3,397</u>	Jars _____
(C) First Final Flow Pressure	<u>102</u> PSI	Recorder No. <u>8351</u>	Safety Jt. _____	
(D) Initial Shut-In Pressure	<u>842</u> PSI	(depth) <u>3,397</u>	Circ Sub <u>X</u> <u>N/C</u>	
(E) Second Initial Flow Pressure	<u>105</u> PSI	Recorder No. _____	Sampler _____	
(F) Second Final Flow Pressure	<u>168</u> PSI	(depth) _____	Straddle _____	
(G) Final Shut-In Pressure	<u>806</u> PSI	Initial Opening <u>45</u>	Ext. Packer _____	
(Q) Final Hydrostatic Mud	<u>1,665</u> PSI	Initial Shut-In <u>45</u>	Shale Packer _____	
		Final Flow <u>45</u>	Ruined Packer <u>X</u> <u>260</u>	
		Final Shut-In <u>45</u>	Mileage _____	

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Approved By Kitt Noah
 Our Representative Chuck Smith

T-On Location

T-Started 10:28
 T-Open 10:39
 T-Pulled 11:53
 T-Out 14:54
16:48

Std. By 1396.25
 Acc. Chg: _____
 Other: _____
 Total: _____

6.25