

MN  
08-591-80



**DRILL STEM TEST REPORT**

Prepared For: **Mid Continent Resources, Inc.**  
210 Avenue A  
PO Box 6  
Bazine, Ks. 67516

ATTN: Scott Corsair

**8-16s-21w-Ness**

**Lamer-Zeller #1**

Start Date: 2005.09.29 @ 18:33:31  
End Date: 2005.09.29 @ 23:43:46  
Job Ticket #: 23802      DST #: 1

15-135-24387-00-00

**RECEIVED**  
**MAR 31 2006**  
**KCC WICHITA**

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

Mid Continent Resources, Inc.

Lamer-Zeller #1

8-16s-21w-Ness

DST # 1

Cherokee "A" Sand

2005.09.29



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Md Continent Resources, Inc.

**Lamer-Zeller #1**

210 Avenue A  
PO Box 6  
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ATTN: Scott Corsair

**8-16s-21w-Ness**

Job Ticket: 23802      DST#: 1

Test Start: 2005.09.29 @ 18:33:31

### GENERAL INFORMATION:

Formation: Cherokee "A" Sand

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:38:01

Time Test Ended: 23:43:46

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: 4185.00 ft (KB) To 4250.00 ft (KB) (TVD)

Total Depth: 4250.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2373.00 ft (KB)

2368.00 ft (CF)

KB to GR/CF: 5.00 ft

**Serial #: 6741** Inside

Press@RunDepth: 318.09 psig @ 4189.00 ft (KB)

Start Date: 2005.09.29

End Date:

2005.09.29

Start Time: 18:33:33

End Time:

23:43:46

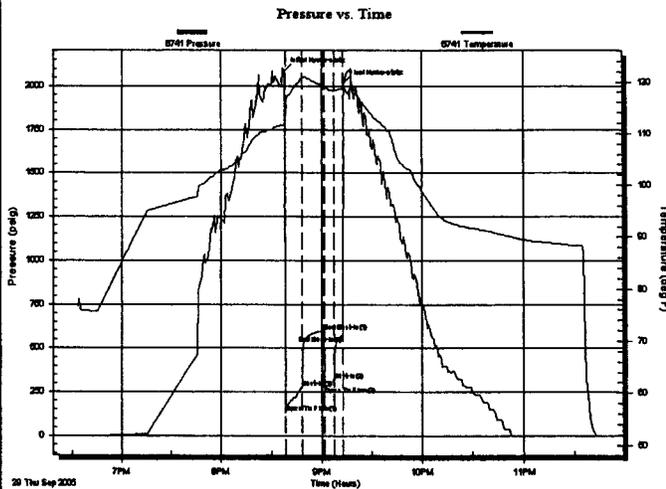
Capacity: 7000.00 psig

Last Calib.: 2005.09.29

Time On Btrm: 2005.09.29 @ 20:37:31

Time Off Btrm: 2005.09.29 @ 21:13:01

**TEST COMMENT:** FFP-Strong Blow, BOB in 1 Min. 40 Seconds  
ISI-Blow back Built to 6"  
FFP-Strong Blow, BOB in 2 Min.  
FSI-Blow back Built to 2-1/2"



### PRESSURE SUMMARY

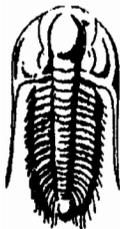
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2087.31	111.69	Initial Hydro-static
1	129.08	111.65	Open To Flow (1)
11	271.38	120.68	Shut-In(1)
24	598.46	119.26	End Shut-In(1)
24	282.99	119.10	Open To Flow (2)
30	318.09	118.32	Shut-In(2)
36	574.09	118.74	End Shut-In(2)
36	2018.18	119.25	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	HOCM-45%O-55%M	0.30
290.00	MCO-15%G-55%O-30%M	2.35
60.00	Muddy Oil-95%O-5%M	0.84
360.00	Free Oil	5.05

### Gas Rates

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



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TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Mid Continent Resources, Inc.

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ATTN: Scott Corsair

8-16s-21w-Ness  
Job Ticket: 23802      DST#: 1  
Test Start: 2005.09.29 @ 18:33:31

### Tool Information

Drill Pipe:	Length: 3943.00 ft	Diameter: 3.80 inches	Volume: 55.31 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 249.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 56.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4185.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	86.00 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			4165.00	
Shut In Tool	5.00			4170.00	
Hydraulic tool	5.00			4175.00	
Packer	5.00			4180.00	21.00      Bottom Of Top Packer
Packer	5.00			4185.00	
Stubb	1.00			4186.00	
Perforations	3.00			4189.00	
Recorder	0.00	6741	Inside	4189.00	
Change Over Sub	1.00			4190.00	
Blank Spacing	31.00			4221.00	
Change Over Sub	1.00			4222.00	
Perforations	25.00			4247.00	
Recorder	0.00	13221	Outside	4247.00	
Bullnose	3.00			4250.00	65.00      Bottom Packers & Anchor

**Total Tool Length: 86.00**



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## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Mid Continent Resources, Inc.

**Lamer-Zeller #1**

210 Avenue A

**8-16s-21w-Ness**

PO Box 6

Job Ticket: 23802

DST#: 1

Bazine, Ks. 67516

ATTN: Scott Corsair

Test Start: 2005.09.29 @ 18:33:31

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	HOCM-45%O-55%M	0.295
290.00	MCO-15%G-55%O-30%M	2.346
60.00	Muddy Oil-95%O-5%M	0.842
360.00	Free Oil	5.050

Total Length: 770.00 ft

Total Volume: 8.533 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 340' GIP

Serial #: 6741

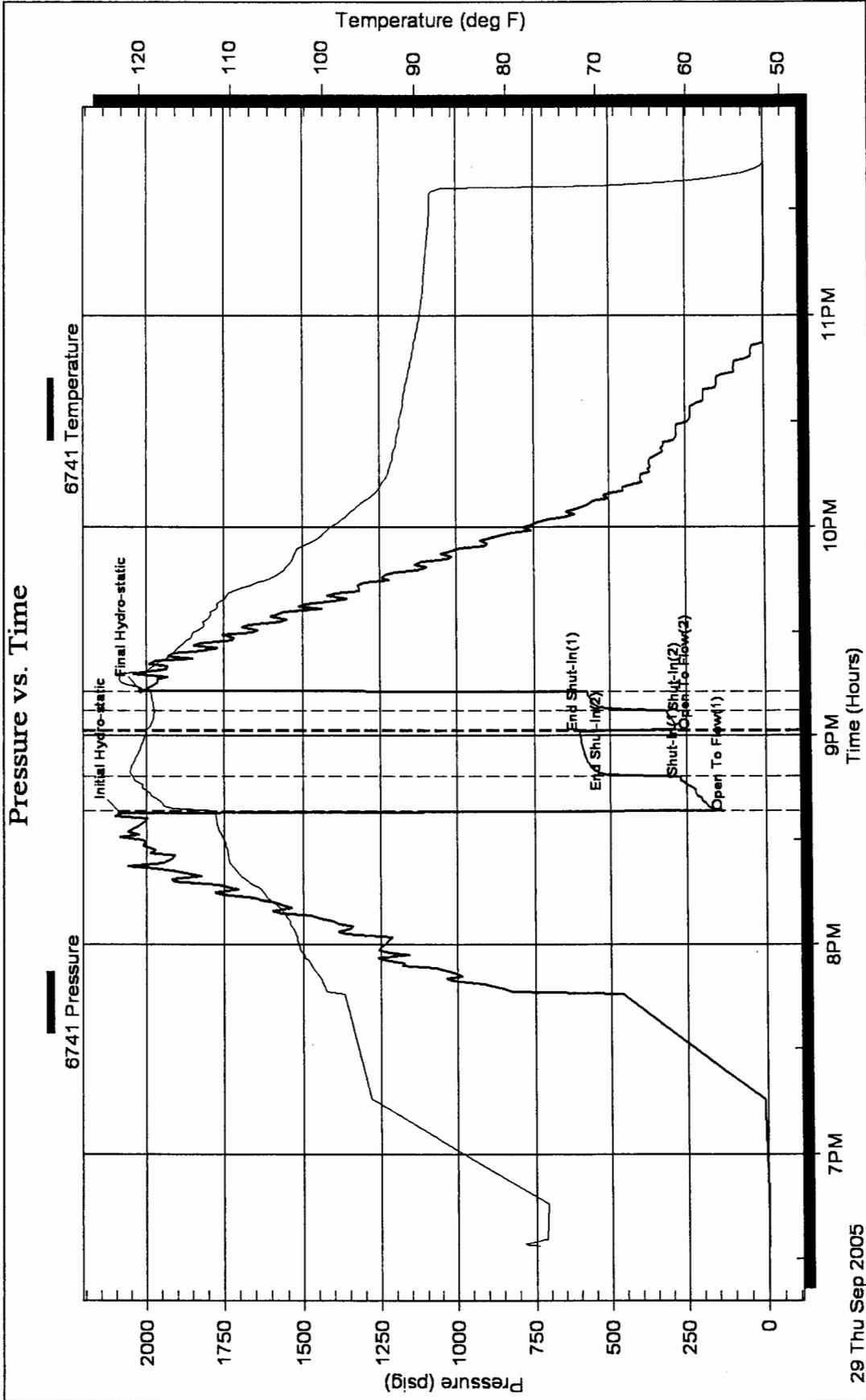
Inside

Mid Continent Resources, Inc.

8-16s-21w -Ness

DST Test Number: 1

### Pressure vs. Time



29 Thu Sep 2005

Trilobite Testing, Inc

Ref. No: 23802

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