

21-24-13w

KGS ✓



DRILL STEM TEST REPORT

Prepared For: **Mid-Continent Energy Corp.**

105 S Broadway Ste 360
Wichita, KS 67202

ATTN: Ben Landes

21 24 13 Stafford KS

Kachelman #1-24

Start Date: 2008.10.27 @ 19:44:56

End Date: 2008.10.28 @ 03:59:26

Job Ticket #: 33203 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 26 2009

CONSERVATION DIVISION
WICHITA KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Mid-Continent Energy Corp.

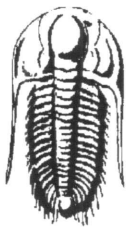
Kachelman #1-24

21 24 13 Stafford KS

DST # 1

Lansing KC

2008.10.27



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mid-Continent Energy Corp.

105 S Broadway Ste 360
Wichita, KS 67202

ATTN: Ben Landes

Kachelman #1-21

21 24 13 Stafford KS

Job Ticket: 33203

DST#: 1

Test Start: 2008.10.27 @ 19:44:56

GENERAL INFORMATION:

Formation: **Lansing KC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:47:41

Time Test Ended: 03:59:26

Test Type: Conventional Bottom Hole

Tester: Esak Hadley / Kevin

Unit No: 46

Interval: **3749.00 ft (KB) To 3779.00 ft (KB) (TVD)**

Total Depth: 3779.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1932.00 ft (KB)

1924.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8359

Inside

Press@RunDepth: 22.92 psig @ 3750.00 ft (KB)

Start Date: 2008.10.27

End Date: 2008.10.28

Start Time: 19:45:01

End Time: 03:59:25

Capacity: 7000.00 psig

Last Calib.: 2008.10.28

Time On Btm: 2008.10.27 @ 23:47:26

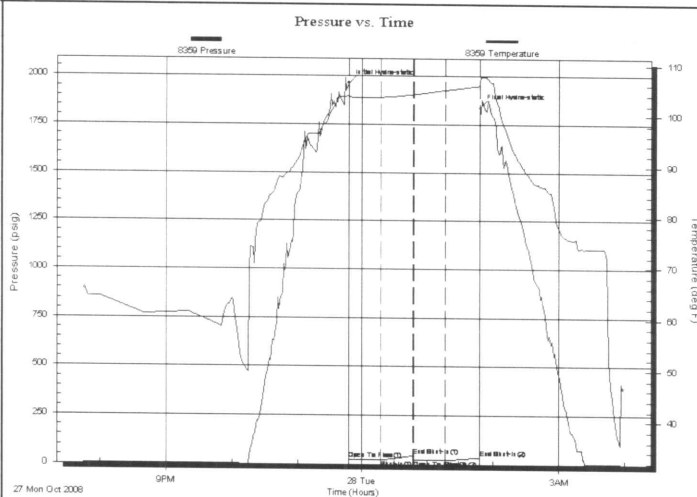
Time Off Btm: 2008.10.28 @ 01:48:11

TEST COMMENT: I.F. Surface Blow Died In 23 Min

I.S.I. No Blow

F.F. Surface Blow Died In 15 Sec.

F.S.I. No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.25	104.09	Initial Hydro-static
1	21.72	103.62	Open To Flow (1)
30	23.49	103.66	Shut-In(1)
60	43.82	104.28	End Shut-In(1)
60	21.80	104.28	Open To Flow (2)
90	22.92	105.13	Shut-In(2)
121	35.03	106.00	End Shut-In(2)
121	1837.21	106.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Drilling Mud	0.04

Gas Rates

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

Mid-Continent Energy Corp.

105 S Broadway Ste 360
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21 24 13 Stafford KS

Job Ticket: 33203

DST#: 1

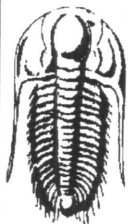
Test Start: 2008.10.27 @ 19:44:56

Tool Information

Drill Pipe:	Length: 3728.00 ft	Diameter: 3.80 inches	Volume: 52.29 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 52.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3749.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	58.00 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			3726.00	
Hydraulic tool	5.00			3731.00	
Jars	5.00			3736.00	
Safety Joint	3.00			3739.00	
Packer	5.00			3744.00	28.00 Bottom Of Top Packer
Packer	5.00			3749.00	
Stubb	1.00			3750.00	
Recorder	0.00	8359	Inside	3750.00	
Recorder	0.00	8354	Inside	3750.00	
Perforations	26.00			3776.00	
Bullnose	3.00			3779.00	30.00 Bottom Packers & Anchor

Total Tool Length: 58.00



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FLUID SUMMARY

Mid-Continent Energy Corp.

Kachelman #1-24

105 S Broadway Ste 360
Wichita, KS 67202

21 24 13 Stafford KS

ATTN: Ben Landes

Job Ticket: 33203

DST#: 1

Test Start: 2008.10.27 @ 19:44:56

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 7.99 in³

Resistivity: 0.00 ohm.m

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Drilling Mud	0.042

Total Length: 3.00 ft

Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

