



## DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Co. LLC**

100 S. Main Ste. 420 Wichita Kansas  
67202+3737

ATTN: Tim Helman

**30/34/11**

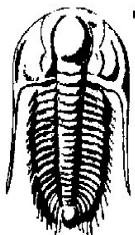
**Suzie #4**

Start Date: 2010.10.06 @ 11:45:00

End Date: 2010.10.06 @ 20:25:15

Job Ticket #: 40283                      DST #: 1

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
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**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lotus Operating Co. LLC

**Suzie #4**

100 S. Main Ste. 420 Wichita Kansas 67202+3737

**30/34/11**

Job Ticket: 40283

**DST#: 1**

ATTN: Tim Helman

Test Start: 2010.10.06 @ 11:45:00

## GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:31:10

Time Test Ended: 20:25:15

**Interval: 5050.00 ft (KB) To 5070.00 ft (KB) (TVD)**

Total Depth: 5070.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Harley Davidson

Unit No: 33

Reference Elevations: 1400.00 ft (KB)

1392.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8355** **Inside**

Press@RunDepth: psig @ 5052.00 ft (KB)

Start Date: 2010.10.06

End Date:

2010.10.06

Capacity: 8000.00 psig

Last Calib.:

2010.10.06

Start Time: 11:45:05

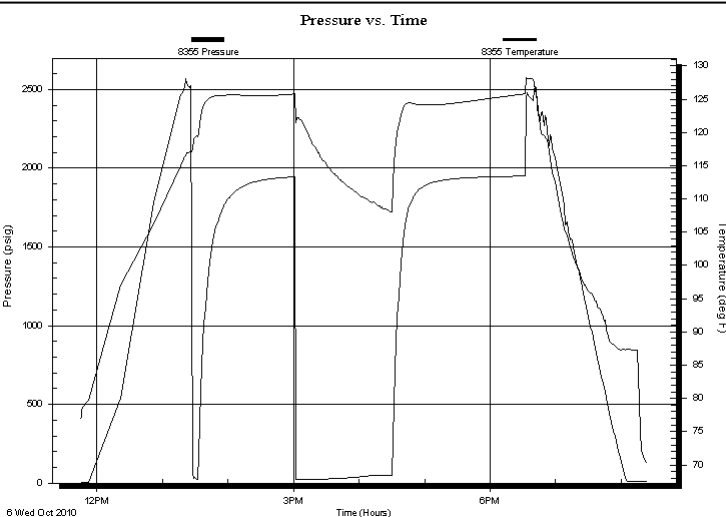
End Time:

20:24:40

Time On Btm:

Time Off Btm:

## TEST COMMENT:



## PRESSURE SUMMARY

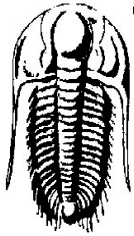
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	100% mud	0.35

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	5.00	7.26
Last Gas Rate	0.13	34.00	18.12
Max. Gas Rate	0.13	34.00	18.12



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Lotus Operating Co. LLC

**Suzie #4**

100 S. Main Ste. 420 Wichita Kansas 67202+3737

**30/34/11**

Job Ticket: 40283

**DST#: 1**

ATTN: Tim Helman

Test Start: 2010.10.06 @ 11:45:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	100% mud	0.351

Total Length: 25.00 ft      Total Volume: 0.351 bbl

Num Fluid Samples: 0

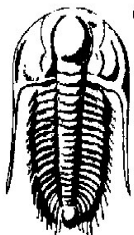
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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# DRILL STEM TEST REPORT

**GAS RATES**

Lotus Operating Co. LLC

**Suzie #4**

100 S. Main Ste. 420 Wichita Kansas 67202+3737

**30/34/11**

Job Ticket: 40283

**DST#: 1**

ATTN: Tim Helman

Test Start: 2010.10.06 @ 11:45:00

## 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 <sup>3</sup> /d)
2	20	0.13	5.00	7.26
2	30	0.13	9.00	8.76
2	40	0.13	12.00	9.88
2	50	0.13	17.00	11.75
2	60	0.13	21.00	13.25
2	70	0.13	26.00	15.12
2	80	0.13	30.00	16.62
2	90	0.13	34.00	18.12