



Weatherford[®]

Completion Systems

DRILL STEM TEST REPORT

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

100 S.Main, Ste.420
Wichita Ks.67202

ATTN: Tim Hellman

1-35s-12w Barber Ks

Molz L#1

Start Date: 2011.05.06 @ 09:27:03

End Date: 2011.05.06 @ 18:16:33

Job Ticket #: 37464 DST #: 1

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Molz L#1

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Test Start: 2011.05.06 @ 09:27:03

GENERAL INFORMATION:

Formation: **Misener**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:45:03

Time Test Ended: 18:16:33

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 56

Interval: 5129.00 ft (KB) To 5160.00 ft (KB) (TVD)

Reference Elevations: 1423.00 ft (KB)

Total Depth: 5160.00 ft (KB) (TVD)

1415.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8167 Inside

Press@RunDepth: 716.93 psig @ 5130.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.06 End Date: 2011.05.06

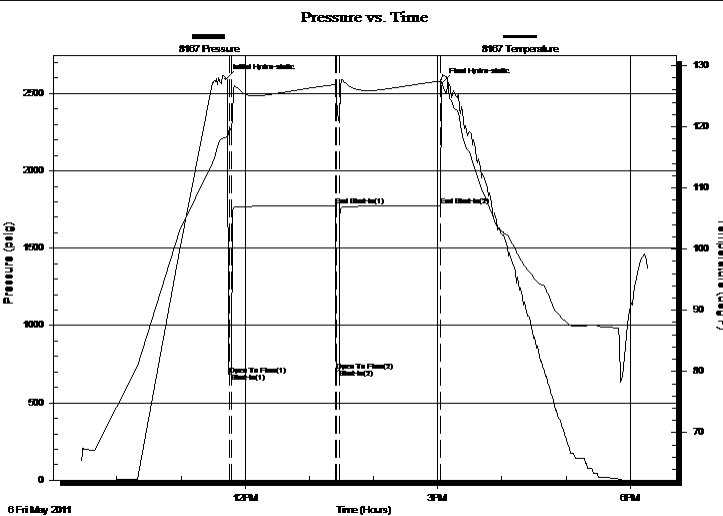
Last Calib.: 2011.05.06

Start Time: 09:27:08 End Time: 18:16:33

Time On Btm: 2011.05.06 @ 11:42:03

Time Off Btm: 2011.05.06 @ 15:04:03

TEST COMMENT: IF:Strong blow . GTS in 70 secs.
IS:Strong blow . B.O.B.
FF:Strong blow . Flow rate of 1,391 Mcf/d and gaining @ 4 mins
(34 psi behind 1" choke)



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2596.11	118.28	Initial Hydro-static
3	676.77	119.92	Open To Flow (1)
6	694.37	119.50	Shut-In(1)
102	1774.21	126.91	End Shut-In(1)
104	704.35	124.73	Open To Flow (2)
106	716.93	120.63	Shut-In(2)
201	1775.05	127.48	End Shut-In(2)
202	2569.95	128.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GOCM 53%g 17%o 30%m	0.91
310.00	CGO 8%g 92%o	4.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	1.00	34.00	1391.44



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FLUID SUMMARY

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DST#: 1

ATTN: Tim Hellman

Test Start: 2011.05.06 @ 09:27:03

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 52.00 sec/qt
 Water Loss: 11.98 in³
 Resistivity: 0.00 ohm.m
 Salinity: 6000.00 ppm
 Filter Cake: 0.20 inches

Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig

Oil API: 45.2 deg API
 Water Salinity: 6000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GOCM 53%g 17%o 30%m	0.912
310.00	CGO 8%g 92%o	4.348

Total Length: 375.00 ft Total Volume: 5.260 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name:

Laboratory Location:

Recovery Comments:



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GAS RATES

Lotus Operating Co.LLC

Molz L#1

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DST#: 1

Test Start: 2011.05.06 @ 09:27:03

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 ³ /d)
2	4	1.00	34.00	1391.44

