



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **M & M Exploration**

60 Garden Center Ste 102
Broomfield CO 80020

ATTN: Mike Pollok

15 34 15 Barber KS

Z-Bar 15-5

Start Date: 2007.05.22 @ 13:51:00

End Date: 2007.05.22 @ 20:21:00

Job Ticket #: 27937 DST #: 1

15-077-23136

32 SW NW

220 FWL 660 FWL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

KCC

AUG 21 2007

CONFIDENTIAL

M & M Exploration

Z-Bar 15-5
15 34 15 Barber KS

DST # 1

Ft. Scott

2007.05.22



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DRILL STEM TEST REPORT

TOOL DIAGRAM

M & M Exploration

Z-Bar

60 Garden Center Ste 102
Broomfield CO 80020

15 34 15 Barber KS

Job Ticket: 27937

DST#: 1

ATTN: Mike Pollok

Test Start: 2007.05.22 @ 13:51:00

Tool Information

Drill Pipe:	Length: 4550.00 ft	Diameter: 3.80 inches	Volume: 63.82 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: 20000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 64.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4752.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	50.00 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			4727.00	
Sampler	2.00			4729.00	
Hydraulic tool	5.00			4734.00	
Jars	5.00			4739.00	
Safety Joint	3.00			4742.00	
Packer	5.00			4747.00	30.00 Bottom Of Top Packer
Packer	5.00			4752.00	
Recorder	0.00	6668	Inside	4752.00	
Perforations	17.00			4769.00	
Recorder	0.00	13266	Outside	4769.00	
Bullnose	3.00			4772.00	20.00 Bottom Packers & Anchor

Total Tool Length: 50.00



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FLUID SUMMARY

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60 Garden Center Ste 102
Broomfield CO 80020
ATTN: Mike Pollok

Z-Bar
15 34 15 Barber KS
Job Ticket: 27937 **DST#: 1**
Test Start: 2007.05.22 @ 13:51:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

