



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prater Oil & Gas Operations Inc.

36-30s-12w Barber,KS

906 William Way
Pratt, KS 67124

Herndon #4-36

Job Ticket: 52466

DST#: 1

ATTN: Ron Prater / Scott A

Test Start: 2013.10.29 @ 01:32:05

Tool Information

Drill Pipe:	Length: 4012.00 ft	Diameter: 3.80 inches	Volume: 56.28 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 207.00 ft	Diameter: 2.25 inches	Volume: 1.02 bbl	Weight to Pull Loose: 92000.00 lb
			Total Volume: 57.30 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 84000.00 lb
Depth to Top Packer:	4234.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	82.00 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			4213.00	
Hydraulic tool	5.00			4218.00	
Jars	5.00			4223.00	
Safety Joint	2.00			4225.00	
Packer	5.00			4230.00	26.00 Bottom Of Top Packer
Packer	4.00			4234.00	
Stubb	1.00			4235.00	
Recorder	0.00	8790	Inside	4235.00	
Recorder	0.00	8792	Outside	4235.00	
Perforations	3.00			4238.00	
Blank Spacing	34.00			4272.00	
Perforations	15.00			4287.00	
Bullnose	3.00			4290.00	56.00 Bottom Packers & Anchor
Total Tool Length:		82.00			