



DRILL STEM TEST REPORT

Prepared For: **Black Tea Oil L.L.C**

1011 Centennial Blvd B Hays KS 67601

ATTN: Kevin Bailey

Krebs F#1

31-14-31 Gove

Start Date: 2014.03.08 @ 15:37:00

End Date: 2014.03.08 @ 20:58:30

Job Ticket #: 19143 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

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DRILL STEM TEST REPORT

TOOL DIAGRAM

Black Tea Oil L.L.C
 1011 Centennial Blvd B Hays KS 67601
 ATTN: Kevin Bailey

31-14-31 Gove
Krebs F#1
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 Test Start: 2014.03.08 @ 15:37:00

Tool Information

Drill Pipe:	Length: 3985.00 ft	Diameter: 3.80 inches	Volume: 55.90 bbl	Tool Weight: 1000.00 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: 90.00 ft	Diameter: 2.25 inches	Volume: 0.44 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 56.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	4078.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	122.00 ft			
Tool Length:	150.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: ruined shale packer

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4055.00	
Hydraulic tool	5.00			4060.00	
Jars	6.00			4066.00	
Safety Joint	2.00			4068.00	
Packer	5.00			4073.00	28.00 Bottom Of Top Packer
Packer	5.00			4078.00	
Change Over Sub	0.50			4078.50	
Drill Pipe	94.00			4172.50	
Change Over Sub	0.50			4173.00	
Recorder	1.00			4174.00	
Recorder	1.00			4175.00	
Anchor	22.00			4197.00	
Bullnose	3.00			4200.00	122.00 Bottom Packers & Anchor

Total Tool Length: 150.00



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FLUID SUMMARY

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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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.39 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: ruined shale packer



