



**DRILL STEM TEST REPORT**

Prepared For: **Bach Oil Production**

PO Box 23  
Alma, NE 68920

ATTN: Bob Peterson

**3 2s 19w Phillips KS**

**Kauk - Vankooten Unit #1**

Start Date: 2010.07.09 @ 17:24:00

End Date: 2010.07.10 @ 00:21:00

Job Ticket #: 38335      DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Bach Oil Production

Kauk - Vankooten Unit #1

3 2s 19w Phillips KS

DST # 1

LKC "B - G"

2010.07.09





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Bach Oil Production

**Kauk - Vankooten Unit #1**

PO Box 23  
Alma, NE 68920

**3 2s 19w Phillips KS**  
Job Ticket: 38335      DST#: 1

ATTN: Bob Peterson

Test Start: 2010.07.09 @ 17:24:00

**Tool Information**

Drill Pipe:	Length: 3300.00 ft	Diameter: 3.80 inches	Volume: 46.29 bbl	Tool Weight:	3500.00 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: 88.00 ft	Diameter: 2.25 inches	Volume: 0.43 bbl	Weight to Pull Loose:	75000.00 lb
			<b>Total Volume: 46.72 bbl</b>	Tool Chased:	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	47000.00 lb
Depth to Top Packer:	3383.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	87.00 ft				
Tool Length:	114.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

**Tool Comments:**

Worked through tight spot 8 joints off bottom

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3361.00	
HYD S.I. Tool	5.00			3366.00	
Jars	5.00			3371.00	
Safety Joint	2.00			3373.00	
Packer	5.00			3378.00	27.00      Bottom Of Top Packer
Packer	5.00			3383.00	
Shale Packer	0.00			3383.00	
Stubb	1.00			3384.00	
Recorder	0.00	8366	Inside	3384.00	
Recorder	0.00	8320	Inside	3384.00	
Perforations	15.00			3399.00	
Blank Spacing	65.00			3464.00	
Perforations	3.00			3467.00	
Bullnose	3.00			3470.00	87.00      Bottom Packers & Anchor

**Total Tool Length: 114.00**



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**FLUID SUMMARY**

Bach Oil Production

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**3 2s 19w Phillips KS**

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ATTN: Bob Peterson

Test Start: 2010.07.09 @ 17:24:00

**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:	45.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.77 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	800.00 ppm				
Filter Cake:	1.00 inches				

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	OCM 82% <sub>m</sub> , 18% <sub>o</sub>	0.296
30.00	OM 54% <sub>m</sub> , 46% <sub>o</sub>	0.166

Total Length: 90.00 ft      Total Volume: 0.461 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

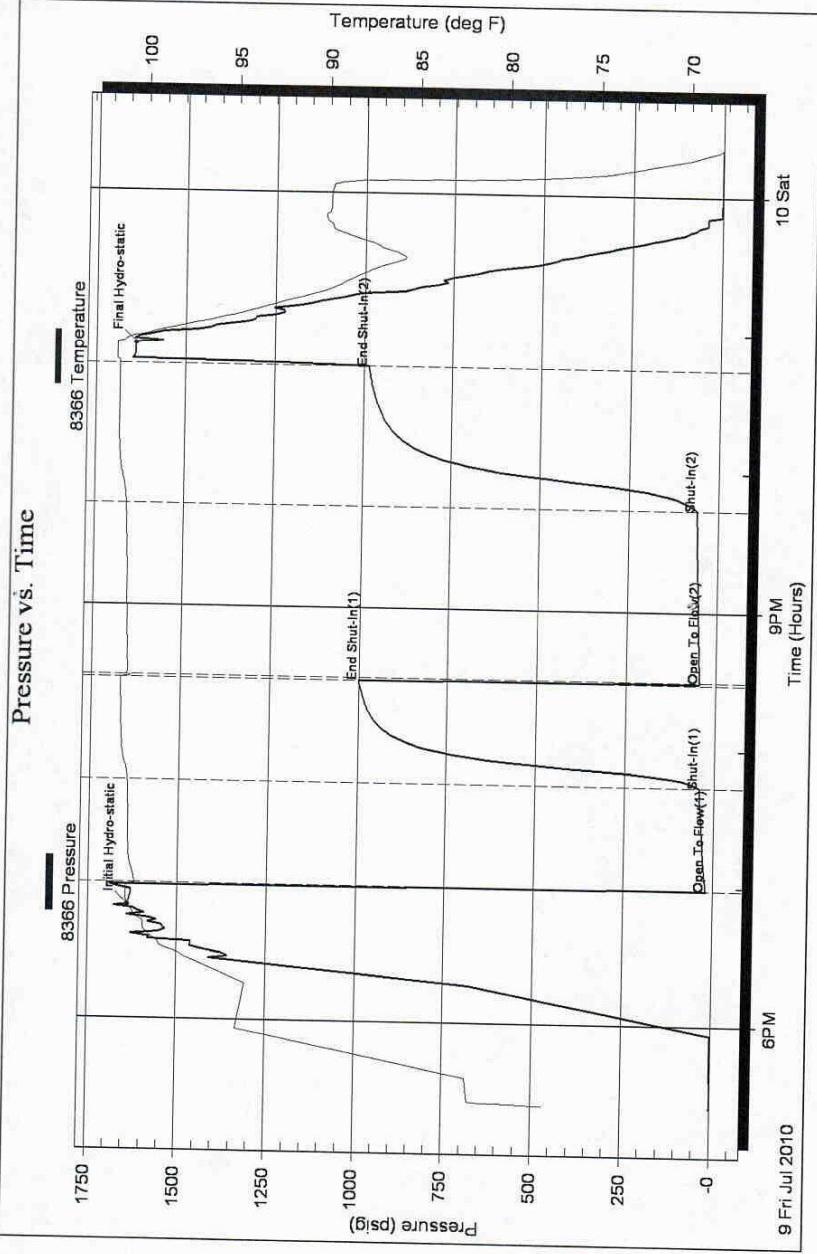
Recovery Comments:

Serial #: 8366

Inside

Bach Oil Production

DST Test Number: 1



Ref. No: 38335

Triobite Testing, Inc

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