



## DRILL STEM TEST REPORT

Prepared For: **Bach Oil Productions Inc.**

P.O. Box 723  
Alma NE 6890

ATTN: Bob Peterson

**36 1 19 Phillips KS**

**Verna Jackson B1**

Start Date: 2010.07.12 @ 18:40:00

End Date: 2010.07.13 @ 02:07:30

Job Ticket #: 37956      DST #: 1

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

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Bach Oil Productions Inc.

Verna Jackson B1

36 1 19 Phillips KS

DST # 1

LKC- A,B-D,F

2010.07.12



### DRILL STEM TEST REPORT

Bach Oil Productions Inc.

Verna Jackson B1

P.O. Box 723  
Alma NE 6890

36 1 19 Phillips KS

Job Ticket: 37956

DST#: 1

ATTN: Bob Peterson

Test Start: 2010.07.12 @ 18:40:00

#### GENERAL INFORMATION:

Formation: LKC- A,B-D,F

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:44:00

Time Test Ended: 02:07:30

Test Type: Conventional Bottom Hole

Tester: Chuck Kreutzer Jr.

Unit No: 36

Interval: 3389.00 ft (KB) To 3486.00 ft (KB) (TVD)

Total Depth: 3486.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2217.00 ft (KB)

2213.00 ft (CF)

KB to GR/CF: 4.00 ft

Serial #: 6741

Inside

Press @ Run Depth: 72.80 psig @ 3392.00 ft (KB)

Start Date: 2010.07.12

End Date:

2010.07.13

Capacity: 8000.00 psig

Last Calib.: 2010.07.13

Start Time: 18:40:01

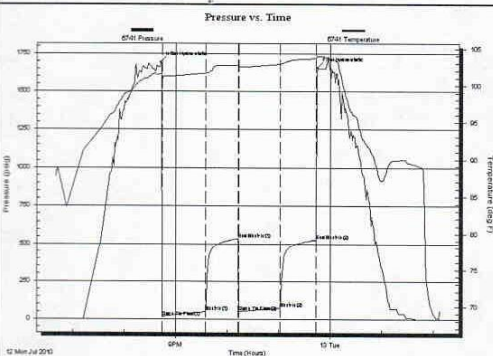
End Time:

02:07:30

Time On Btm: 2010.07.12 @ 20:42:00

Time Off Btm: 2010.07.12 @ 23:45:00

TEST COMMENT: IF: Weak blow, built to 4 in. over 45 mins.  
IS: No blow back over 45 mins.  
FF: No blow over 45 mins.  
FS: No blow back over 45 mins.



#### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.97	101.52	Initial Hydro-static
2	16.25	100.64	Open To Flow (1)
53	50.00	101.69	Shut-In(1)
91	538.05	102.75	End Shut-In(1)
92	50.90	102.58	Open To Flow (2)
140	72.80	102.93	Shut-In(2)
182	528.76	103.64	End Shut-In(2)
183	1658.72	103.95	Final Hydro-static

#### Recovery

Length (ft)	Description	Volume (bbl)
124.00	mud with 6 in. free oil	1.74

#### Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Bach Oil Productions Inc.

**Verna Jackson B1**

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ATTN: Bob Peterson

Job Ticket: 37956

DST#: 1

Test Start: 2010.07.12 @ 18:40:00

**Tool Information**

Drill Pipe:	Length: 3381.00 ft	Diameter: 3.80 inches	Volume: 47.43 bbl	Tool Weight: 1600.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 28000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			Total Volume: 47.43 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3389.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	97.00 ft			
Tool Length:	125.00 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			3366.00	
Hydraulic tool	5.00			3371.00	
Jars	5.00			3376.00	
Safety Joint	3.00			3379.00	
Packer	5.00			3384.00	28.00 Bottom Of Top Packer
Packer	5.00			3389.00	
Stubb	1.00			3390.00	
Perforations	1.00			3391.00	
Change Over Sub	1.00			3392.00	
Recorder	0.00	6752	Inside	3392.00	
Recorder	0.00	6741	Inside	3392.00	
Blank Spacing	62.00			3454.00	
Change Over Sub	1.00			3455.00	
Perforations	28.00			3483.00	
Bullnose	3.00			3486.00	97.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>		<b>125.00</b>			



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FLUID SUMMARY

Bach Oil Productions Inc.

Verna Jackson B1

P.O. Box 723  
Alma NE 6890

36 1 19 Phillips KS

Job Ticket: 37956 DST#: 1

ATTN: Bob Peterson

Test Start: 2010.07.12 @ 18:40:00

#### Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 52.00 sec/qt  
Water Loss: 5.99 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 800.00 ppm  
Filter Cake: 2.00 inches

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

Oil APt: deg API  
Water Salinity: ppm

#### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	mud with 6 in. free oil	1.739

Total Length: 124.00 ft Total Volume: 1.739 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

DST Test Number: 1

36 1 19 Phillips KS

Inside Bach Oil Productions Inc.

Serial #: 6741

