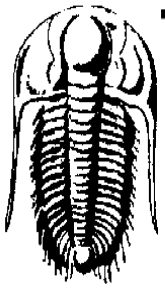


TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Bach Oil Productions**

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

Delimont #2

8-2s-19w Phillips,KS

Start Date: 2013.06.08 @ 09:36:00
End Date: 2013.06.08 @ 16:34:00
Job Ticket #: 52683 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.06.11 @ 14:53:59

DRILL STEM TEST REPORT

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52683 **DST#: 1**

Test Start: 2013.06.08 @ 09:36:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:25:30
Time Test Ended: 16:34:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Nichols
Unit No: 66

Interval: 3415.00 ft (KB) To 3545.00 ft (KB) (TVD)
Total Depth: 3545.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

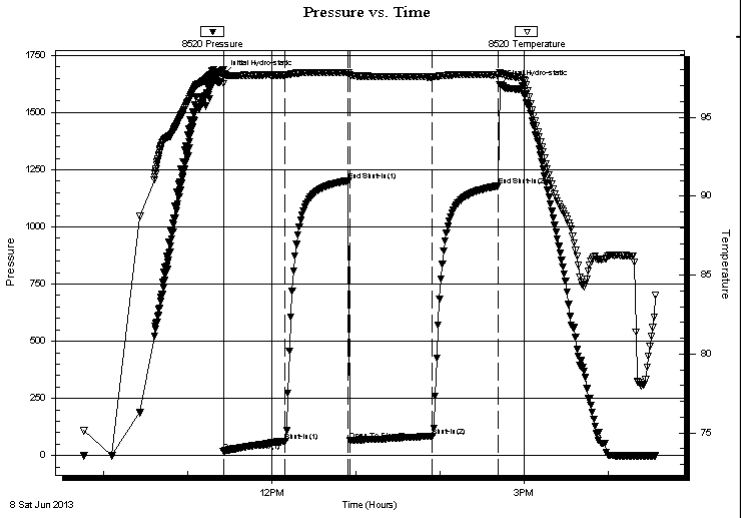
Reference Elevations: 2242.00 ft (KB)
2237.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8520 **Outside**

Press@RunDepth: 84.02 psig @ 3416.00 ft (KB)
Start Date: 2013.06.08 End Date: 2013.06.08
Start Time: 09:46:00 End Time: 16:34:00

Capacity: 8000.00 psig
Last Calib.: 2013.06.08
Time On Btm: 2013.06.08 @ 11:25:20
Time Off Btm: 2013.06.08 @ 14:42:30

TEST COMMENT: 45 IF - Surface blow built to 2"
45 ISI - No return
60 FF - Surface blow built to 2 1/4"
45 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1665.47	98.03	Initial Hydro-static
1	18.83	97.14	Open To Flow (1)
45	61.82	97.68	Shut-In(1)
90	1201.75	97.84	End Shut-In(1)
91	65.38	97.68	Open To Flow (2)
150	84.02	97.55	Shut-In(2)
197	1179.67	97.68	End Shut-In(2)
198	1623.37	97.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM - 5%G - 2%o - 93%M	0.30
60.00	GOCM - 2%G - 5%o - 93%M	0.59
25.00	OCM - 10%o - 90%M	0.35

Gas Rates

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

DRILL STEM TEST REPORT

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52683 **DST#: 1**

Test Start: 2013.06.08 @ 09:36:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:25:30
Time Test Ended: 16:34:00

Test Type: Conventional Bottom Hole (Initial)
Tester: Ryan Nichols
Unit No: 66

Interval: 3415.00 ft (KB) To 3545.00 ft (KB) (TVD)
Total Depth: 3545.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

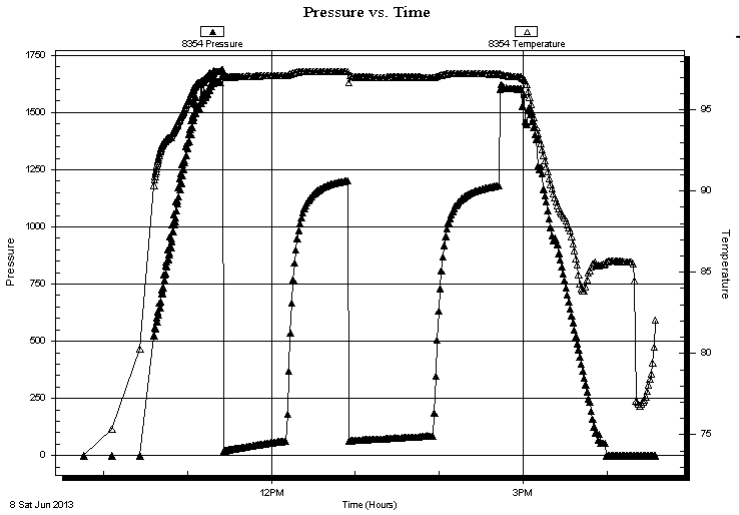
Reference Elevations: 2242.00 ft (KB)
2237.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8354 **Inside**

Press@RunDepth: psig @ 3416.00 ft (KB)
Start Date: 2013.06.08 End Date: 2013.06.08
Start Time: 09:46:00 End Time: 16:34:30

Capacity: 8000.00 psig
Last Calib.: 2013.06.08
Time On Btm:
Time Off Btm:

TEST COMMENT: 45 IF - Surface blow built to 2"
45 ISI - No return
60 FF - Surface blow built to 2 1/4"
45 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
60.00	GOCM - 5%G - 2%o - 93%M	0.30
60.00	GOCM - 2%G - 5%o - 93%M	0.59
25.00	OCM - 10%o - 90%M	0.35

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52683 **DST#: 1**

Test Start: 2013.06.08 @ 09:36:00

Tool Information

Drill Pipe:	Length:	3304.00 ft	Diameter:	3.80 inches	Volume:	46.35 bbl	Tool Weight:		2500.00 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:		56000.00 lb
					Total Volume:	46.78 bbl	Tool Chased		0.00 ft
Drill Pipe Above KB:		5.00 ft					String Weight:	Initial	48000.00 lb
Depth to Top Packer:		3415.00 ft						Final	48000.00 lb
Depth to Bottom Packer:		ft							
Interval between Packers:		130.00 ft							
Tool Length:		158.00 ft							
Number of Packers:		2	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3388.00		
Shut In Tool	5.00			3393.00		
Hydraulic tool	5.00			3398.00		
Jars	5.00			3403.00		
Safety Joint	3.00			3406.00		
Packer	5.00			3411.00	28.00	Bottom Of Top Packer
Packer	4.00			3415.00		
Stubb	1.00			3416.00		
Recorder	0.00	8354	Inside	3416.00		
Recorder	0.00	8520	Outside	3416.00		
Perforations	29.00			3445.00		
Change Over Sub	1.00			3446.00		
Drill Pipe	93.00			3539.00		
Change Over Sub	1.00			3540.00		
Bullnose	5.00			3545.00	130.00	Bottom Packers & Anchor
Total Tool Length:	**158.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52683 **DST#: 1**

Test Start: 2013.06.08 @ 09:36:00

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:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	5.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

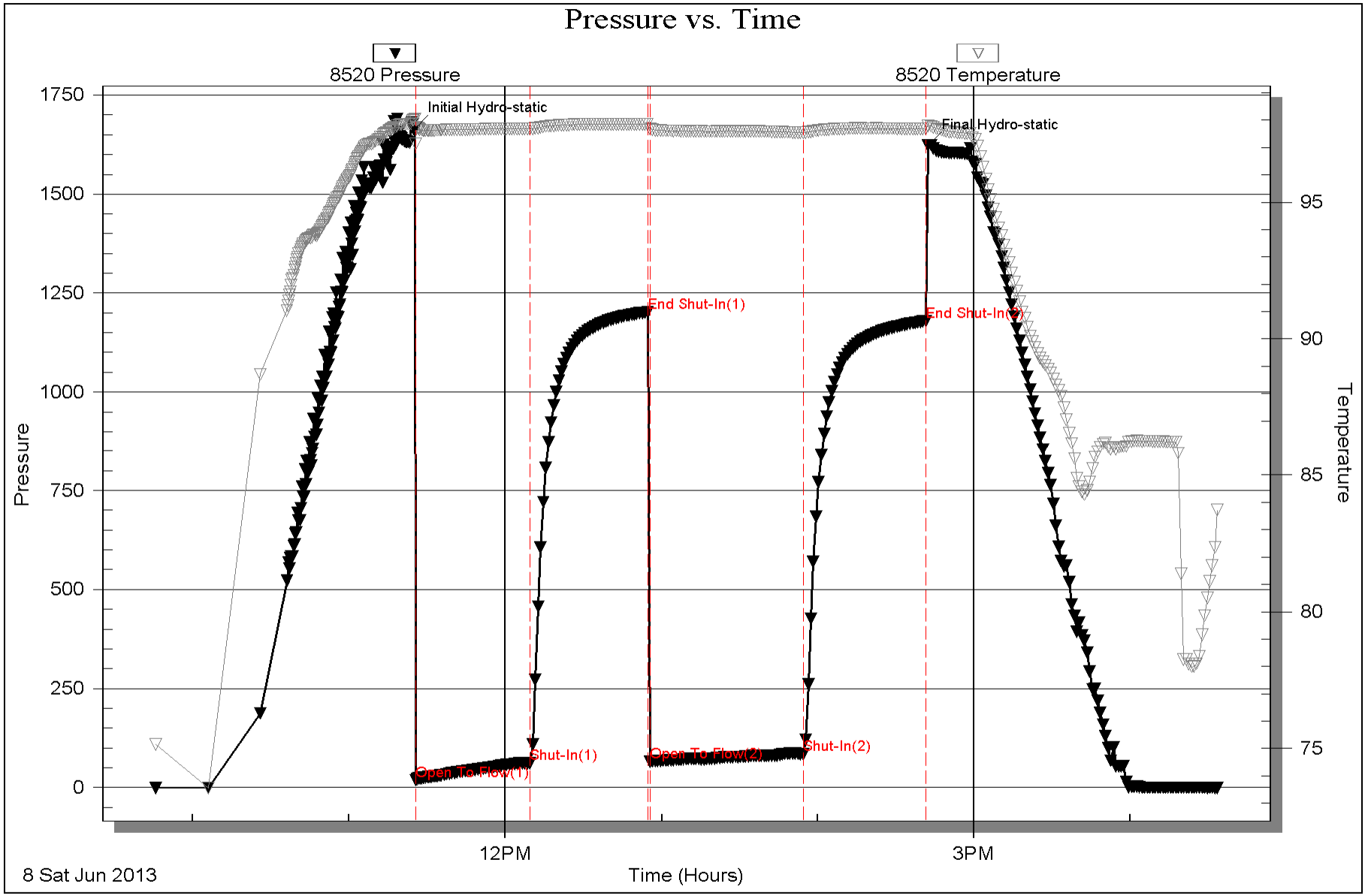
Recovery Table

Length ft	Description	Volume bbl
60.00	GOCM - 5%G - 2%o - 93%M	0.295
60.00	GOCM - 2%G - 5%o - 93%M	0.587
25.00	OCM - 10%o - 90%M	0.351

Total Length: 145.00 ft Total Volume: 1.233 bbl

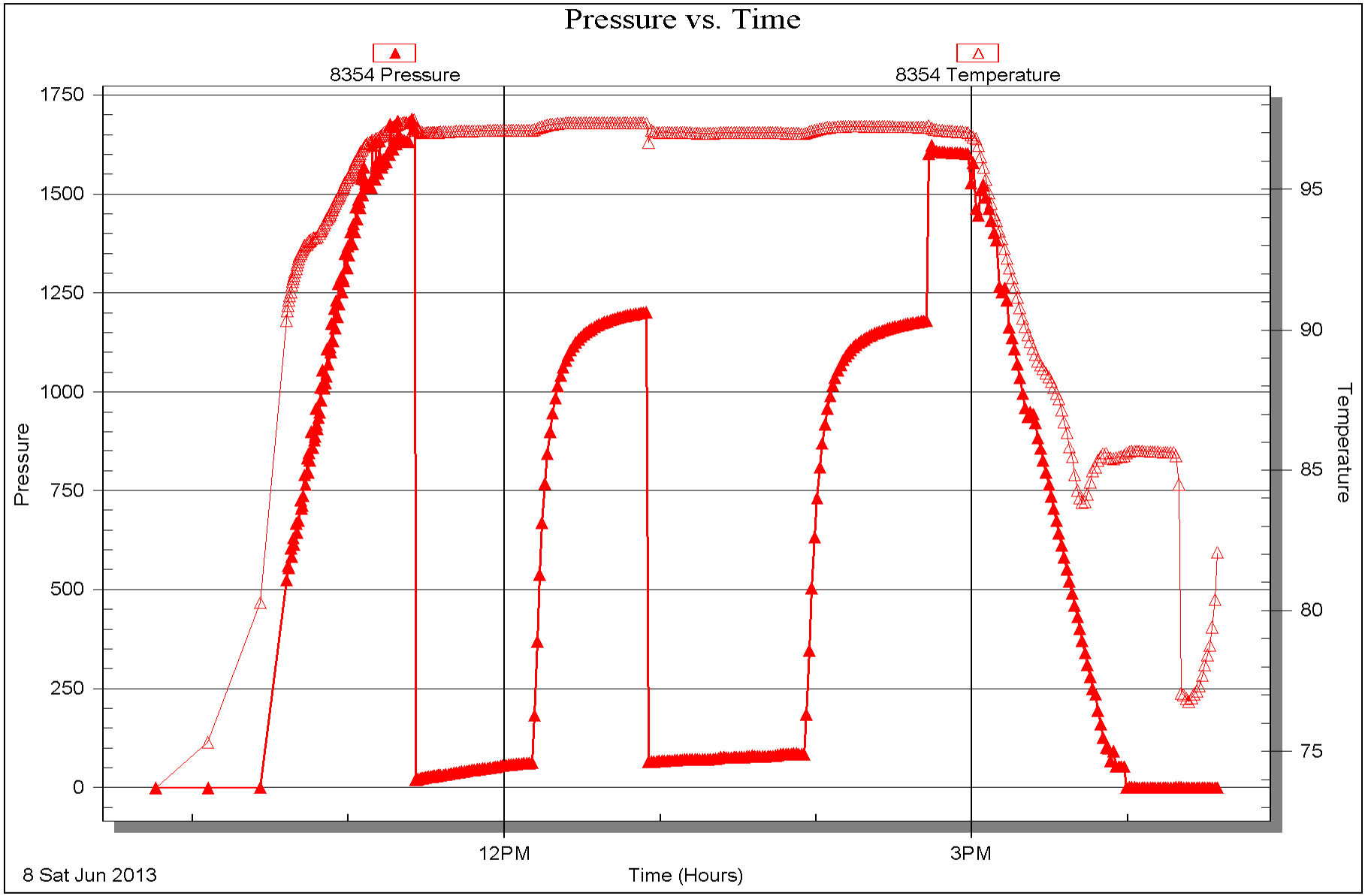
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8520 **Outside** Bach Oil Productions Delimont #2 DST Test Number: 1

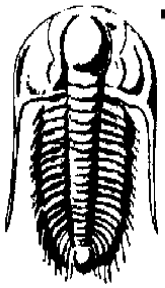


Trilobite Testing, Inc Ref. No: 52683 Printed: 2013.06.11 @ 14:54:02

Serial #: 8354 **Inside** Bach Oil Productions Delimont #2 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 52683 Printed: 2013.06.11 @ 14:54:03



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Bach Oil Productions**

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

Delimont #2

8-2s-19w Phillips,KS

Start Date: 2013.06.09 @ 03:58:00
End Date: 2013.06.09 @ 09:26:00
Job Ticket #: 52684 DST #: 2

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.06.11 @ 14:53:18

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52684 **DST#: 2**

Test Start: 2013.06.09 @ 03:58:00

GENERAL INFORMATION:

Formation: **LKC " I - J "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:27:50
Time Test Ended: 09:26:00

Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Nichols
Unit No: 66

Interval: 3598.00 ft (KB) To 3640.00 ft (KB) (TVD)
Total Depth: 3640.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

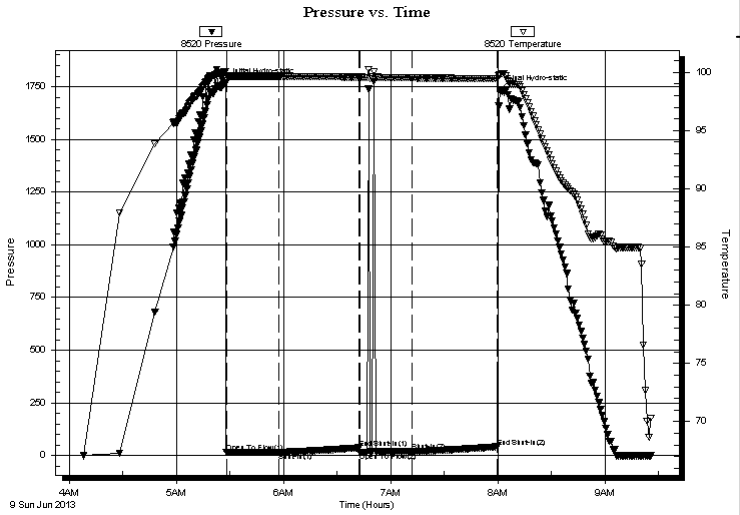
Reference Elevations: 2242.00 ft (KB)
2237.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8520 **Outside**

Press@RunDepth: 20.41 psig @ 3599.00 ft (KB)
Start Date: 2013.06.09 End Date: 2013.06.09
Start Time: 04:08:00 End Time: 09:26:00

Capacity: 8000.00 psig
Last Calib.: 2013.06.09
Time On Btm: 2013.06.09 @ 05:27:30
Time Off Btm: 2013.06.09 @ 08:01:00

TEST COMMENT: 30 IF - Surface blow died @ 17 mins
45 ISI - No return
30 FF - No blow flushed @ 5 mins surged then no blow
45 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1767.44	100.03	Initial Hydro-static
1	15.89	99.66	Open To Flow (1)
30	16.82	99.67	Shut-In(1)
75	37.10	99.58	End Shut-In(1)
75	15.87	99.57	Open To Flow (2)
105	20.41	99.53	Shut-In(2)
152	41.64	99.44	End Shut-In(2)
154	1737.23	99.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/oil spots - 100%M	0.02

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52684 **DST#: 2**

Test Start: 2013.06.09 @ 03:58:00

GENERAL INFORMATION:

Formation: **LKC " I - J "**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:27:50
Time Test Ended: 09:26:00

Test Type: Conventional Bottom Hole (Reset)
Tester: Ryan Nichols
Unit No: 66

Interval: 3598.00 ft (KB) To 3640.00 ft (KB) (TVD)
Total Depth: 3640.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

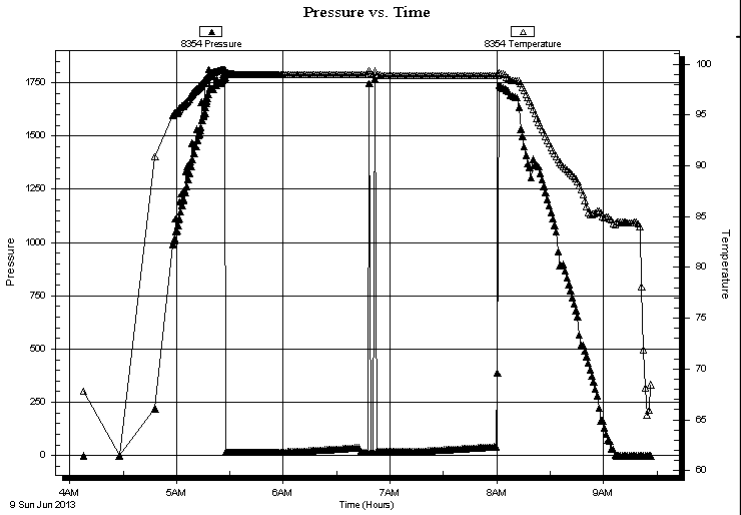
Reference Elevations: 2242.00 ft (KB)
2237.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8354 **Inside**

Press@RunDepth: psig @ 3599.00 ft (KB)
Start Date: 2013.06.09 End Date: 2013.06.09
Start Time: 04:07:50 End Time: 09:26:20

Capacity: 8000.00 psig
Last Calib.: 2013.06.09
Time On Btm:
Time Off Btm:

TEST COMMENT: 30 IF - Surface blow died @ 17 mins
45 ISI - No return
30 FF - No blow flushed @ 5 mins surged then no blow
45 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/oil spots - 100%M	0.02

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52684 **DST#: 2**

Test Start: 2013.06.09 @ 03:58:00

Tool Information

Drill Pipe:	Length:	3492.00 ft	Diameter:	3.80	inches	Volume:	48.98	bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00	inches	Volume:	0.00	bbl	
Drill Collar:	Length:	88.00 ft	Diameter:	2.25	inches	Volume:	0.43	bbl	
						Total Volume:	49.41	bbl	

Drill Pipe Above KB:	10.00 ft
Depth to Top Packer:	3598.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	42.00 ft
Tool Length:	70.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:		2500.00 lb
Weight set on Packer:		25000.00 lb
Weight to Pull Loose:		lb
Tool Chased		0.00 ft
String Weight:	Initial	50000.00 lb
	Final	50000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3571.00		
Shut In Tool	5.00			3576.00		
Hydraulic tool	5.00			3581.00		
Jars	5.00			3586.00		
Safety Joint	3.00			3589.00		
Packer	5.00			3594.00	28.00	Bottom Of Top Packer
Packer	4.00			3598.00		
Stubb	1.00			3599.00		
Recorder	0.00	8354	Inside	3599.00		
Recorder	0.00	8520	Outside	3599.00		
Perforations	3.00			3602.00		
Change Over Sub	1.00			3603.00		
Drill Pipe	31.00			3634.00		
Change Over Sub	1.00			3635.00		
Bullnose	5.00			3640.00	42.00	Bottom Packers & Anchor
Total Tool Length:	**70.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Bach Oil Productions

PO Box 723
Alma, NE 68920

ATTN: Bob Petersen

8-2s-19w Phillips,KS

Delimont #2

Job Ticket: 52684 **DST#: 2**

Test Start: 2013.06.09 @ 03:58:00

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:	60.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	5.19 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

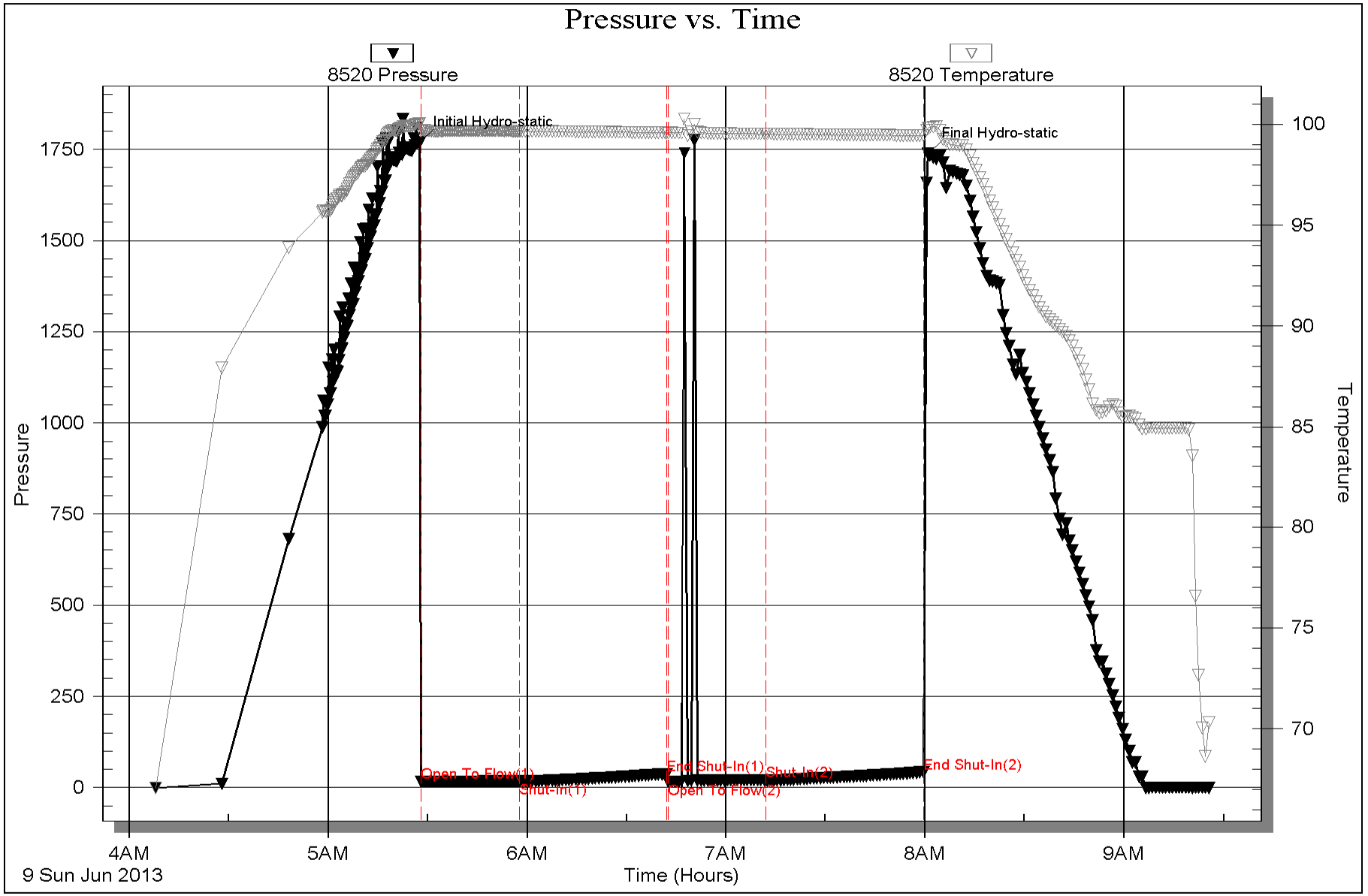
Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/oil spots - 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

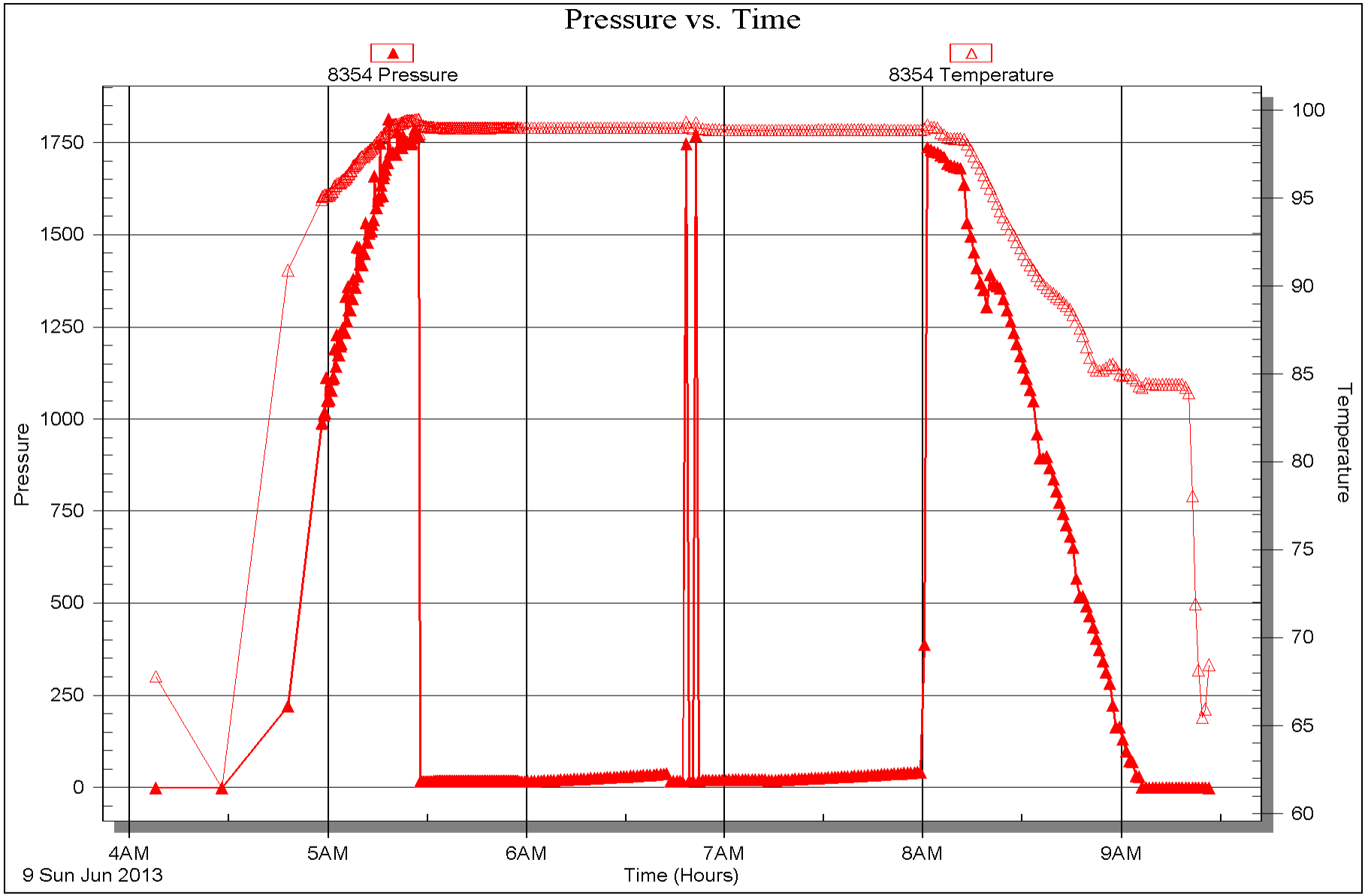
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8520 **Outside** Bach Oil Productions Delimont #2 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 52684 Printed: 2013.06.11 @ 14:53:21

Serial #: 8354 **Inside** Bach Oil Productions Delimont #2 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 52684 Printed: 2013.06.11 @ 14:53:22

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 52683

Well Name & No. Delimont #2 Test No. 1 Date 6/8/13

Company Bach Oil Production Elevation 2242 KB 2237 GL

Address P.O. Box 723 Alma NE 68920

Co. Rep / Geo. Bob Peterson Rig Murfin #24

Location: Sec. 8 Twp. 2S Rge. 19W Co. Phillips State KS

Interval Tested 3415-3545 Zone Tested Toronto & LKC "A-F"

Anchor Length 130' Drill Pipe Run 3304' Mud Wt. 9.1

Top Packer Depth 3410 Drill Collars Run 88' Vis 60

Bottom Packer Depth 3415 Wt. Pipe Run 0' WL 5.2

Total Depth 3545 Chlorides 500 ppm System LCM 3½

Blow Description IF-Surface blow built to 2"

ISI-No return

FF-Surface blow built to 2¼"

FSI-No return

Rec 25	Feet of OCM	%gas 10	%oil	%water 90	%mud
Rec 60	Feet of GOCM	2 %gas 5	%oil	%water 93	%mud
Rec 60	Feet of GOCM	5 %gas 2	%oil	%water 93	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 145 BHT 98° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1665	☑ Test 1150	T-On Location 07:30
(B) First Initial Flow 19	☑ Jars 250	T-Started 09:36
(C) First Final Flow 62	☑ Safety Joint 75	T-Open 11:26
(D) Initial Shut-In 1202	☑ Circ Sub NC	T-Pulled 14:41
(E) Second Initial Flow 65	☐ Hourly Standby	T-Out 16:34
(F) Second Final Flow 84	☑ Mileage 140 RT 217	Comments
(G) Final Shut-In 1180	☐ Sampler	
(H) Final Hydrostatic 1623	☐ Straddle	☐ Ruined Shale Packer
	☐ Shale Packer	☐ Ruined Packer
Initial Open 45	☐ Extra Packer	☐ Extra Copies
Initial Shut-In 45	☐ Extra Recorder	Sub Total 0
Final Flow 60	☐ Day Standby	Total 1692
Final Shut-In 45	☐ Accessibility	MP/DST Disc't
	Sub Total 1692	

Approved By Our Representative

TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

4/10

Test Ticket

NO. 52684

Well Name & No. Delimont #2 Test No. 2 Date 6/9/13

Company Bach Oil Productions Elevation 2242 KB 2237 GL

Address P.O. Box 723 Alma, NE 68920

Co. Rep / Geo. Bob Petersen Rig Murfin #24

Location: Sec. 8 Twp. 2S Rge. 19W Co. Phillips State KS

Interval Tested 3598 - 3640 Zone Tested LKC "I-J"

Anchor Length 42' Drill Pipe Run 3492' Mud Wt. 9.1

Top Packer Depth 3593 Drill Collars Run 88' Vis 60

Bottom Packer Depth 3598 Wt. Pipe Run 0' WL 5.2

Total Depth 3640 Chlorides 500 ppm System LCM 3 1/2

Blow Description IF - Surface blow died @ 17 mins

ISI - No return

FF - No blow flushed @ 5 mins, surged then no blow

FSI - No return

Rec 5'	Feet of Mud w/oil spots	%gas	%oil	%water 100	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5' BHT 99° Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 1767	☑ Test 1150	T-On Location 03:30	
(B) First Initial Flow 16	☑ Jars 250	T-Started 03:58	
(C) First Final Flow 17	☑ Safety Joint 75	T-Open 05:28	
(D) Initial Shut-In 37	☑ Circ Sub NC	T-Pulled 07:58	
(E) Second Initial Flow 16	☐ Hourly Standby	T-Out 09:26	
(F) Second Final Flow 20	☑ Mileage 140 RT 217	Comments	
(G) Final Shut-In 42	☐ Sampler		
(H) Final Hydrostatic 1737	☐ Straddle	☐ Ruined Shale Packer	
	☐ Shale Packer	☐ Ruined Packer	
Initial Open 30	☐ Extra Packer	☐ Extra Copies	
Initial Shut-In 45	☐ Extra Recorder	Sub Total 0	
Final Flow 30	☐ Day Standby	Total 1692	
Final Shut-In 45	☐ Accessibility	MP/DST Disc't	
	Sub Total 1692		

Approved By Our Representative Ryan Nichols