



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC.**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

White #1-11

11-7s-22w Graham,KS

Start Date: 2012.03.27 @ 16:51:05

End Date: 2012.03.27 @ 23:15:59

Job Ticket #: 46817 DST #: 1

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

Printed: 2012.04.04 @ 14:10:17



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46817

DST#: 1

ATTN: Richard Bell

Test Start: 2012.03.27 @ 16:51:05

GENERAL INFORMATION:

Formation: **LKC"C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:20:10

Time Test Ended: 23:15:59

Test Type: Conventional Bottom Hole (Initial)

Tester: Andy Carreira

Unit No: 39

Interval: 3480.00 ft (KB) To 3500.00 ft (KB) (TVD)

Reference Elevations: 2229.00 ft (KB)

Total Depth: 3500.00 ft (KB) (TVD)

2224.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 136.62 psig @ 3481.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.27

End Date: 2012.03.27

Last Calib.: 2012.03.27

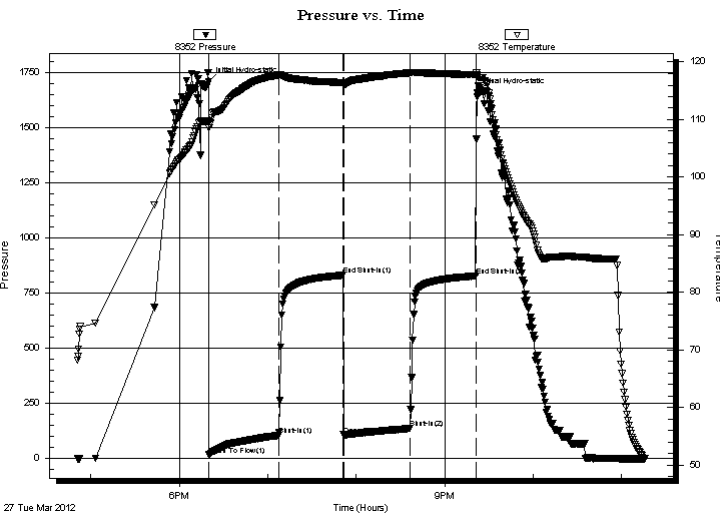
Start Time: 16:51:05

End Time: 23:15:59

Time On Btm: 2012.03.27 @ 18:20:00

Time Off Btm: 2012.03.27 @ 21:21:59

TEST COMMENT: IF:(45min) Fair Blow , 3" in 8 min., 6" in 23 min., Built to 8".
IS:(45min) Return Blow , Surface, Died in 16 min. (Blow back 5 min. after bled off)
FF:(45min) Fair Blow , 3" in 13 min. 6" in 36 min., Built to 6"
FS:(45min) Return Surface blow 6 min. after bled off. Died in 9 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.98	109.68	Initial Hydro-static
1	15.98	108.55	Open To Flow (1)
48	103.97	117.74	Shut-In(1)
91	829.99	116.42	End Shut-In(1)
92	106.95	116.19	Open To Flow (2)
137	136.62	118.12	Shut-In(2)
181	826.64	117.80	End Shut-In(2)
182	1657.51	117.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	MW m=10% w=90%	0.69
40.00	SOSWM o=Tr w=10% m=90%	0.56
50.00	CO o=100%	0.70
0.00	GIP= 155ft	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46817

DST#: 1

ATTN: Richard Bell

Test Start: 2012.03.27 @ 16:51:05

Tool Information

Drill Pipe:	Length: 3366.00 ft	Diameter: 3.80 inches	Volume: 47.22 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.13 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 47.83 bbl</u>	Tool Chased 10.00 ft
Drill Pipe Above KB:	30.13 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3480.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3461.00	
Shut In Tool	5.00			3466.00	
Hydraulic tool	5.00			3471.00	
Packer	5.00			3476.00	20.00 Bottom Of Top Packer
Packer	4.00			3480.00	
Stubb	1.00			3481.00	
Recorder	0.00	8017	Inside	3481.00	
Recorder	0.00	8352	Outside	3481.00	
Perforations	16.00			3497.00	
Bullnose	3.00			3500.00	20.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46817

DST#: 1

ATTN: Richard Bell

Test Start: 2012.03.27 @ 16:51:05

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:

bbbl

Water Loss: 7.14 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
130.00	MW m=10% w=90%	0.693
40.00	SOSWM o=Tr w=10% m=90%	0.561
50.00	CO o=100%	0.701
0.00	GIP= 155ft	0.000

Total Length: 220.00 ft

Total Volume: 1.955 bbl

Num Fluid Samples: 0

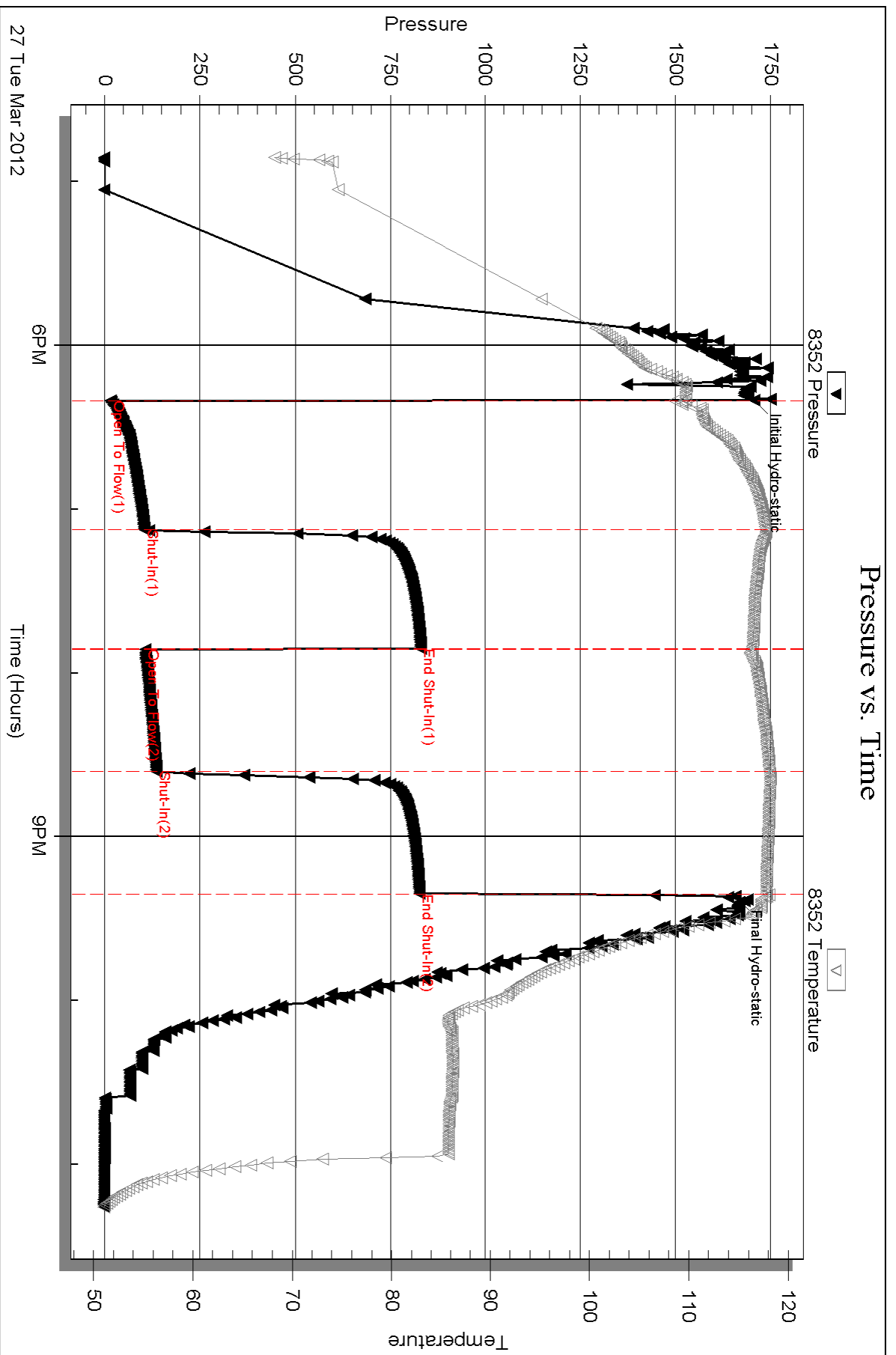
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



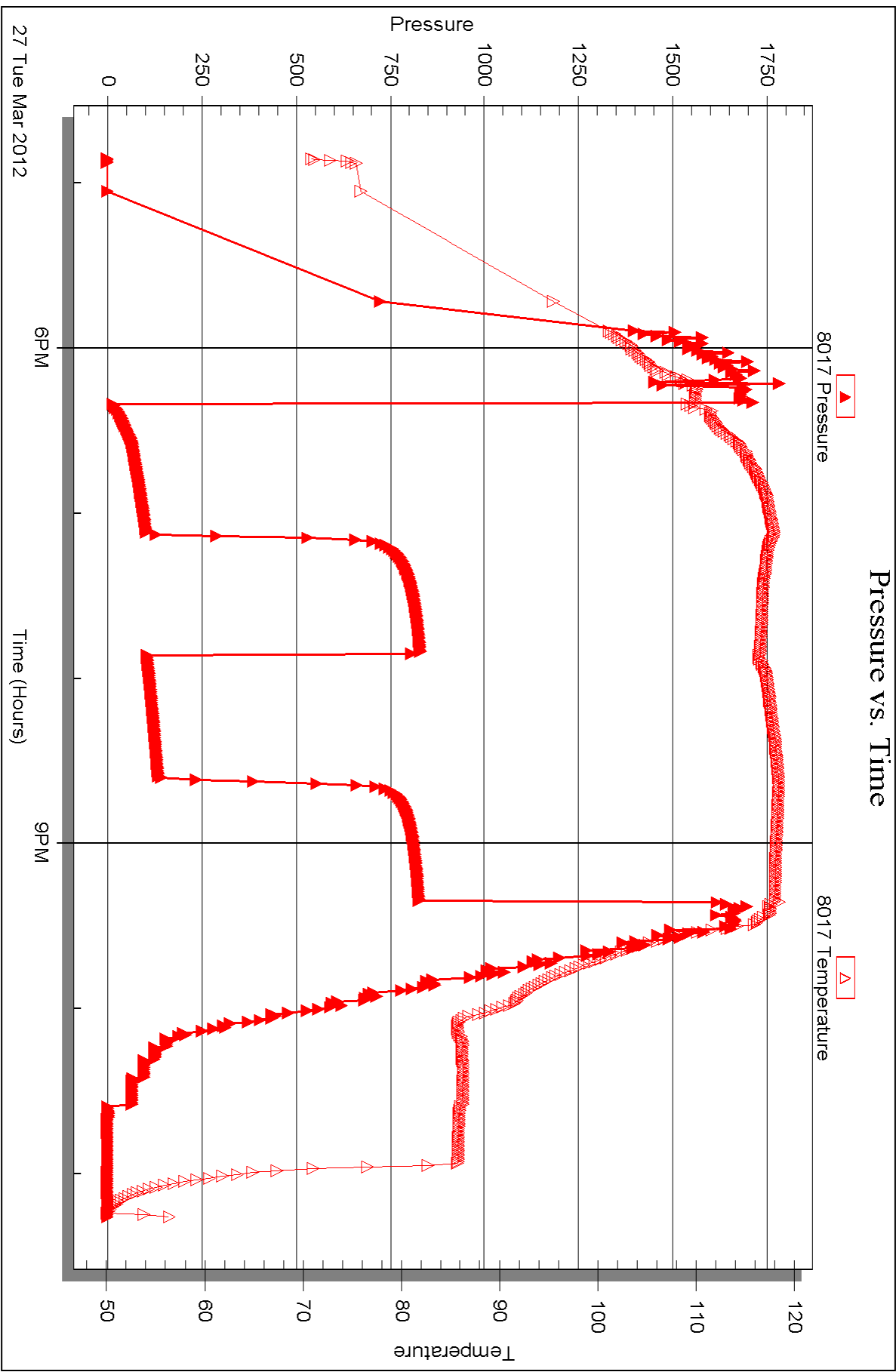
Serial #: 8017

Inside

Baird Oil Co. LLC.

White #1-11

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 46817

Printed: 2012.04.04 @ 14:10:20



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC.**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

White #1-11

11-7s-22w Graham,KS

Start Date: 2012.03.28 @ 09:47:05

End Date: 2012.03.28 @ 13:34:20

Job Ticket #: 46818 DST #: 2

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

Printed: 2012.04.04 @ 14:09:14



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46818

DST#: 2

ATTN: Richard Bell

Test Start: 2012.03.28 @ 09:47:05

GENERAL INFORMATION:

Formation: **LKC"H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:14:50

Time Test Ended: 13:34:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 39

Interval: 3568.00 ft (KB) To 3595.00 ft (KB) (TVD)

Reference Elevations: 2229.00 ft (KB)

Total Depth: 3595.00 ft (KB) (TVD)

2224.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 16.97 psig @ 3569.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.28

End Date:

2012.03.28

Last Calib.:

2012.03.28

Start Time:

09:47:05

End Time:

13:34:20

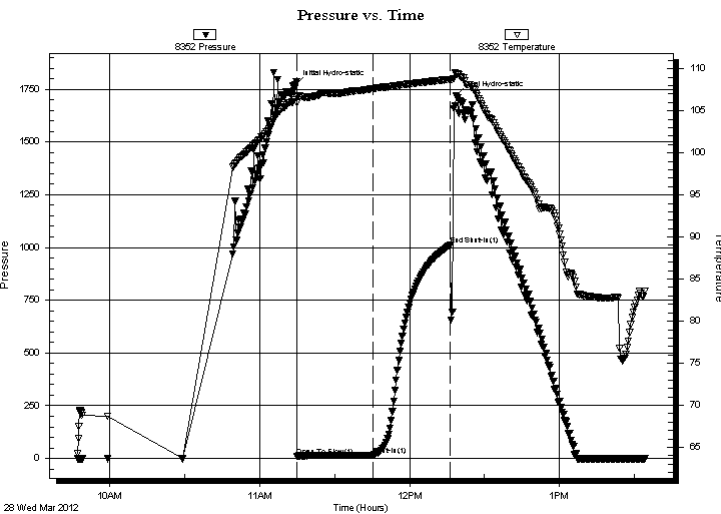
Time On Btm:

2012.03.28 @ 11:14:20

Time Off Btm:

2012.03.28 @ 12:18:40

TEST COMMENT: IF:(30min) Blow died in 10 min.
IS:(30min) No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.16	106.32	Initial Hydro-static
1	11.06	105.93	Open To Flow (1)
31	16.97	107.67	Shut-In(1)
62	1010.40	108.74	End Shut-In(1)
65	1717.79	109.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOSM	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46818

DST#: 2

ATTN: Richard Bell

Test Start: 2012.03.28 @ 09:47:05

Tool Information

Drill Pipe:	Length: 3428.00 ft	Diameter: 3.80 inches	Volume: 48.09 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 124.13 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	54000.00 lb
			<u>Total Volume: 48.70 bbl</u>	Tool Chased	8.00 ft
Drill Pipe Above KB:	4.13 ft			String Weight: Initial	48000.00 lb
Depth to Top Packer:	3568.00 ft			Final	48000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	47.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Ran 30-30 & pulled tool due to dead blow .

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3549.00	
Shut In Tool	5.00			3554.00	
Hydraulic tool	5.00			3559.00	
Packer	5.00			3564.00	20.00 Bottom Of Top Packer
Packer	4.00			3568.00	
Stubb	1.00			3569.00	
Recorder	0.00	8017	Inside	3569.00	
Recorder	0.00	8352	Outside	3569.00	
Perforations	23.00			3592.00	
Bullnose	3.00			3595.00	27.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46818

DST#: 2

ATTN: Richard Bell

Test Start: 2012.03.28 @ 09:47:05

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:

bbbl

Water Loss: 7.14 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOSM	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:

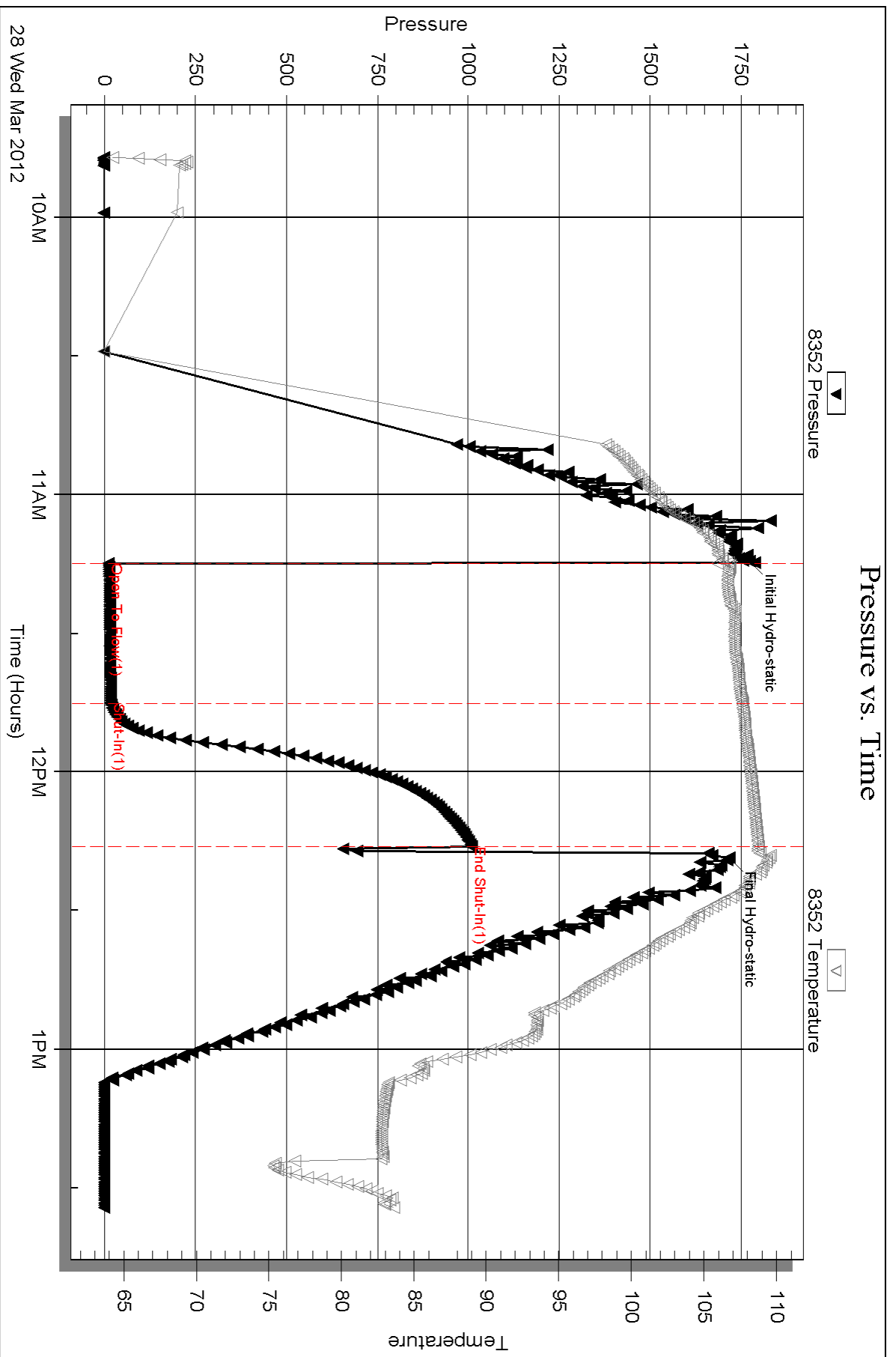
Recovery Comments:

Serial #: 8352

Outside Baird Oil Co. LLC.

White #1-11

DST Test Number: 2



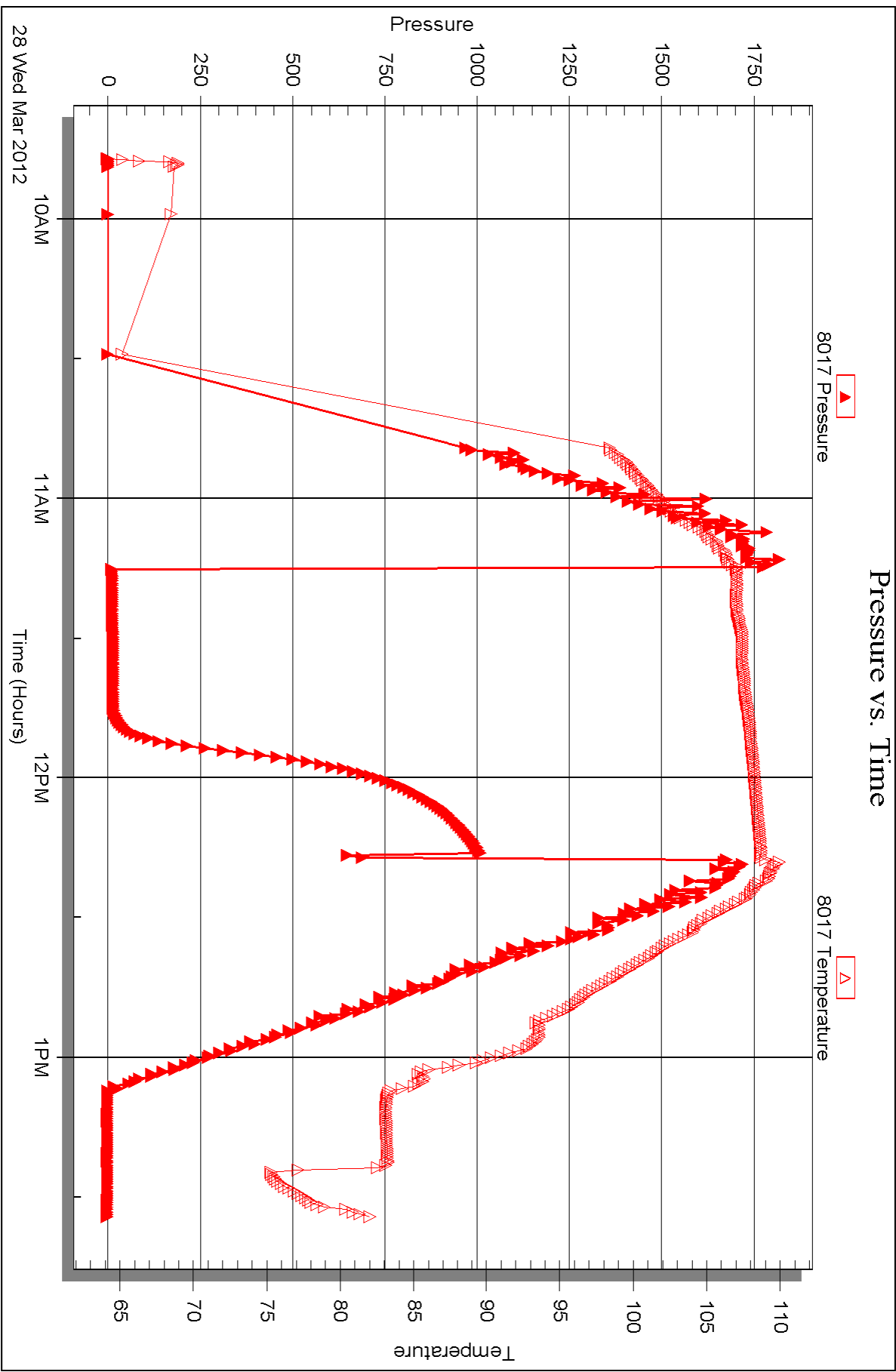
Serial #: 8017

Inside

Baird Oil Co. LLC.

White #1-11

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC.**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

White #1-11

11-7s-22w Graham,KS

Start Date: 2012.03.28 @ 20:36:05

End Date: 2012.03.29 @ 02:57:09

Job Ticket #: 46819 DST #: 3

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

Printed: 2012.04.04 @ 14:08:27



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46819

DST#: 3

ATTN: Richard Bell

Test Start: 2012.03.28 @ 20:36:05

GENERAL INFORMATION:

Formation: **LKC"J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:05:00

Time Test Ended: 02:57:09

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 39

Interval: 3608.00 ft (KB) To 3624.00 ft (KB) (TVD)

Reference Elevations: 2229.00 ft (KB)

Total Depth: 3624.00 ft (KB) (TVD)

2224.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 72.96 psig @ 3609.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.28

End Date: 2012.03.29

Last Calib.: 2012.03.29

Start Time: 20:36:05

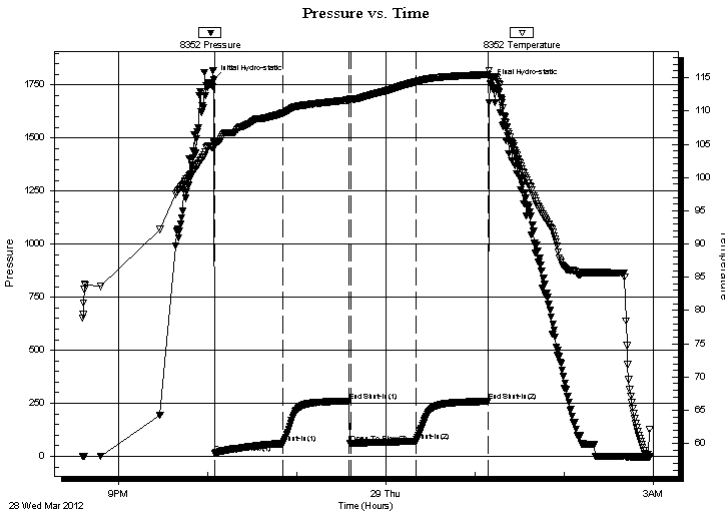
End Time: 02:57:10

Time On Btm: 2012.03.28 @ 22:04:20

Time Off Btm: 2012.03.29 @ 01:09:50

TEST COMMENT: IF:(45min) Fair Blow , 2" in 13 min. Built to 3" in 33 min.
IS:(45min) No Return
FF:(45min) Fair Blow , 2" in 11min. 3" in 30 min, 3.5" in 42 min.
FS:(45min) No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.67	105.24	Initial Hydro-static
1	13.49	104.70	Open To Flow (1)
46	59.80	109.66	Shut-In(1)
91	259.75	111.66	End Shut-In(1)
92	60.88	111.79	Open To Flow (2)
136	72.96	114.39	Shut-In(2)
185	259.19	115.48	End Shut-In(2)
186	1754.37	115.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	HOCGM g=10% o=30% m=60%	0.54
60.00	CO o=100%	0.71
0.00	GIP= 130ft	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46819

DST#: 3

ATTN: Richard Bell

Test Start: 2012.03.28 @ 20:36:05

Tool Information

Drill Pipe:	Length: 3493.00 ft	Diameter: 3.80 inches	Volume: 49.00 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.13 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 49.61 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.13 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3608.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3589.00	
Shut In Tool	5.00			3594.00	
Hydraulic tool	5.00			3599.00	
Packer	5.00			3604.00	20.00 Bottom Of Top Packer
Packer	4.00			3608.00	
Stubb	1.00			3609.00	
Recorder	0.00	8017	Inside	3609.00	
Recorder	0.00	8352	Outside	3609.00	
Perforations	12.00			3621.00	
Bullnose	3.00			3624.00	16.00 Bottom Packers & Anchor
Total Tool Length:	36.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46819

DST#: 3

ATTN: Richard Bell

Test Start: 2012.03.28 @ 20:36:05

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: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.56 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	HOCGM g=10% o=30% m=60%	0.541
60.00	CO o=100%	0.713
0.00	GIP= 130ft	0.000

Total Length: 170.00 ft

Total Volume: 1.254 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

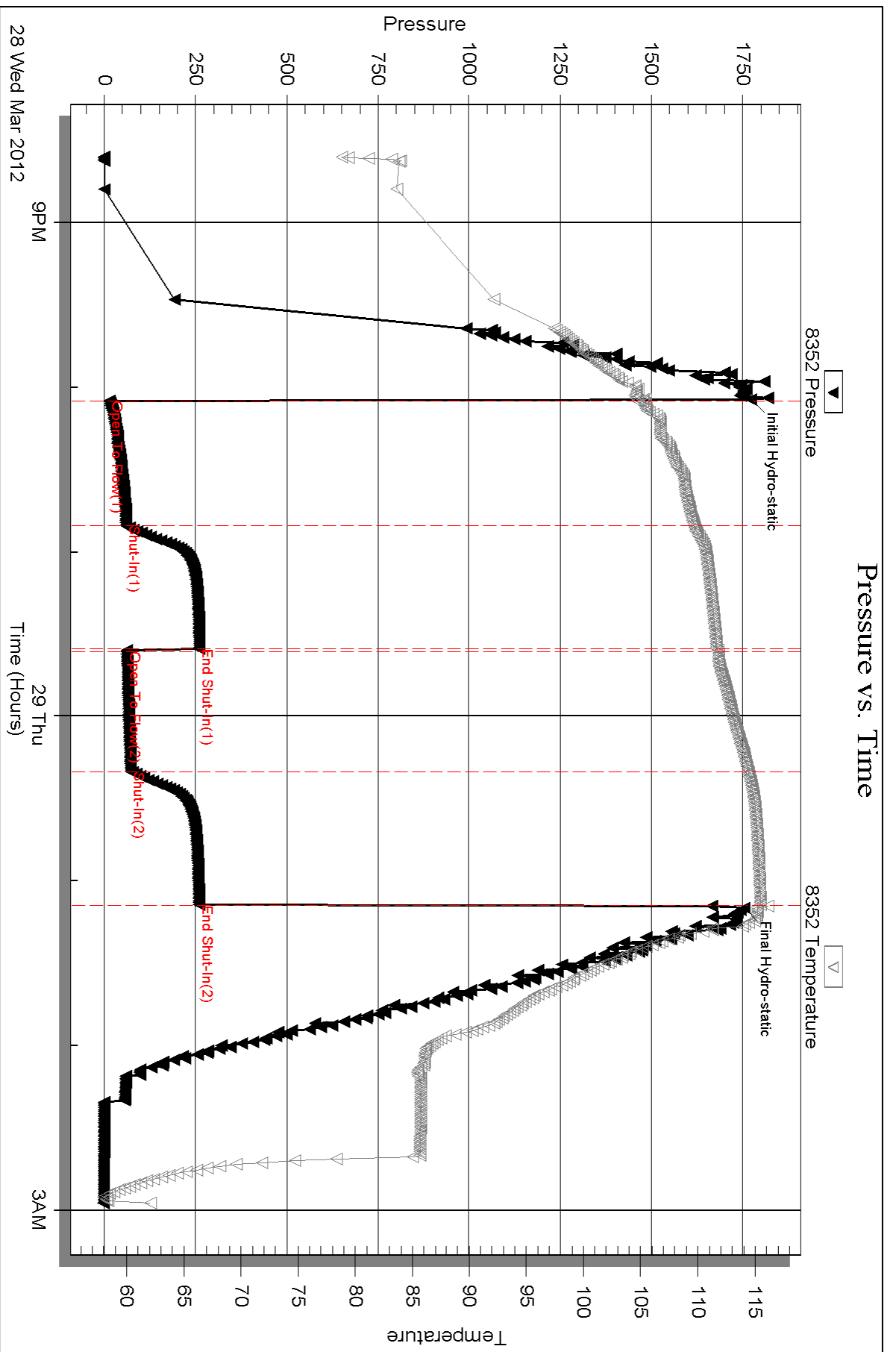
Recovery Comments:

Serial #: 8352

Outside Baird Oil Co. LLC

White #1-11

DST Test Number: 3



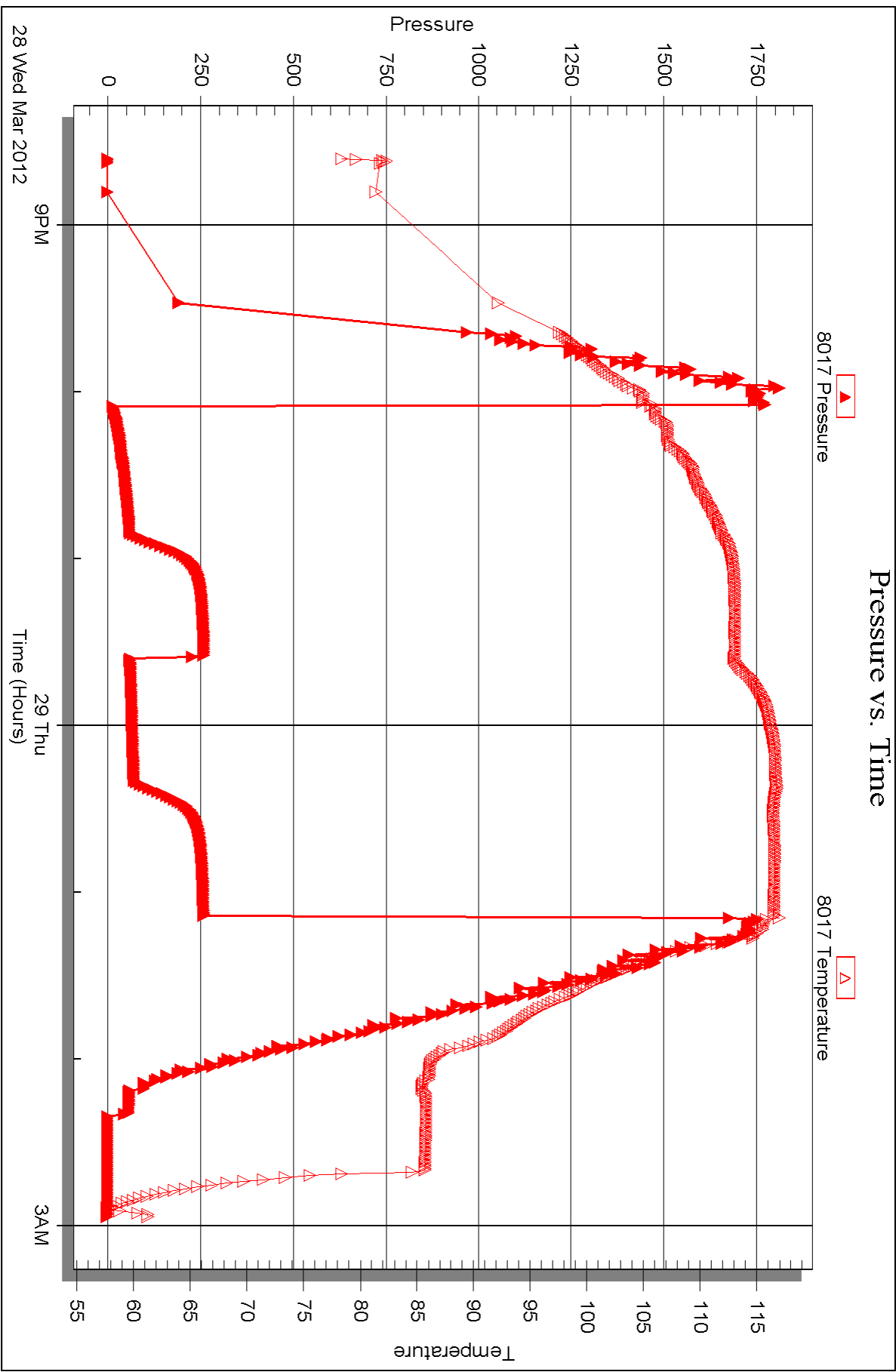
Serial #: 8017

Inside

Baird Oil Co. LLC.

White #1-11

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC.**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

White #1-11

11-7s-22w Graham,KS

Start Date: 2012.03.29 @ 08:55:05

End Date: 2012.03.29 @ 13:47:50

Job Ticket #: 46820 DST #: 4

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

Printed: 2012.04.04 @ 14:07:39

Baird Oil Co. LLC. 11-7s-22w Graham,KS White #1-11 DST # 4 LKC"K-L" 2012.03.29



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46820

DST#: 4

ATTN: Richard Bell

Test Start: 2012.03.29 @ 08:55:05

GENERAL INFORMATION:

Formation: **LKC"K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:37:20

Time Test Ended: 13:47:50

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 39

Interval: 3623.00 ft (KB) To 3650.00 ft (KB) (TVD)

Total Depth: 3650.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2229.00 ft (KB)

2224.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 15.67 psig @ 3624.00 ft (KB)

Start Date: 2012.03.29

End Date:

2012.03.29

Start Time: 08:55:05

End Time:

13:47:50

Capacity: 8000.00 psig

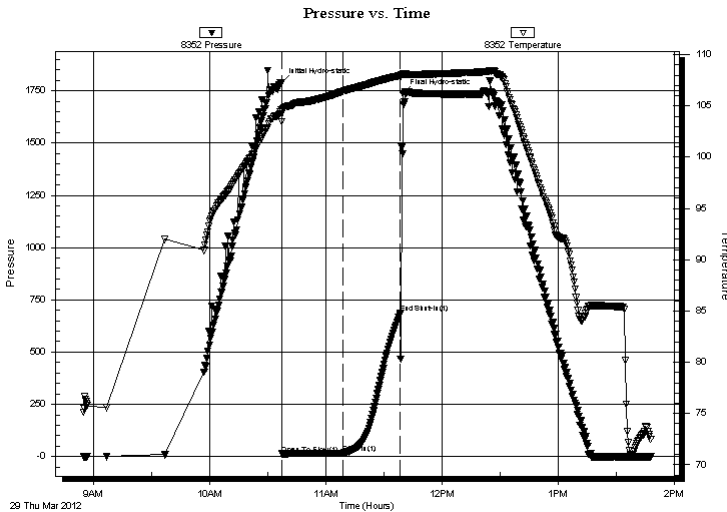
Last Calib.: 2012.03.29

Time On Btm: 2012.03.29 @ 10:37:10

Time Off Btm: 2012.03.29 @ 11:40:00

TEST COMMENT: IF:(30min) Blow Died in 10 min.
IS:(30min) No Return- Pulled Tool

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1788.58	104.60	Initial Hydro-static
1	12.30	103.49	Open To Flow (1)
32	15.67	106.42	Shut-In(1)
62	684.70	107.98	End Shut-In(1)
63	1735.43	108.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OSM	0.02

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46820

DST#: 4

ATTN: Richard Bell

Test Start: 2012.03.29 @ 08:55:05

Tool Information

Drill Pipe:	Length: 3491.00 ft	Diameter: 3.80 inches	Volume: 48.97 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 124.13 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 49.58 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	12.13 ft			String Weight: Initial	49000.00 lb
Depth to Top Packer:	3623.00 ft			Final	49000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	47.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments: Did not pull tool at 11:38. Unloading long string. Started out at @ 12:20

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3604.00	
Shut In Tool	5.00			3609.00	
Hydraulic tool	5.00			3614.00	
Packer	5.00			3619.00	20.00 Bottom Of Top Packer
Packer	4.00			3623.00	
Stubb	1.00			3624.00	
Recorder	0.00	8017	Inside	3624.00	
Recorder	0.00	8352	Outside	3624.00	
Perforations	23.00			3647.00	
Bullnose	3.00			3650.00	27.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46820

DST#: 4

ATTN: Richard Bell

Test Start: 2012.03.29 @ 08:55:05

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: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OSM	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:

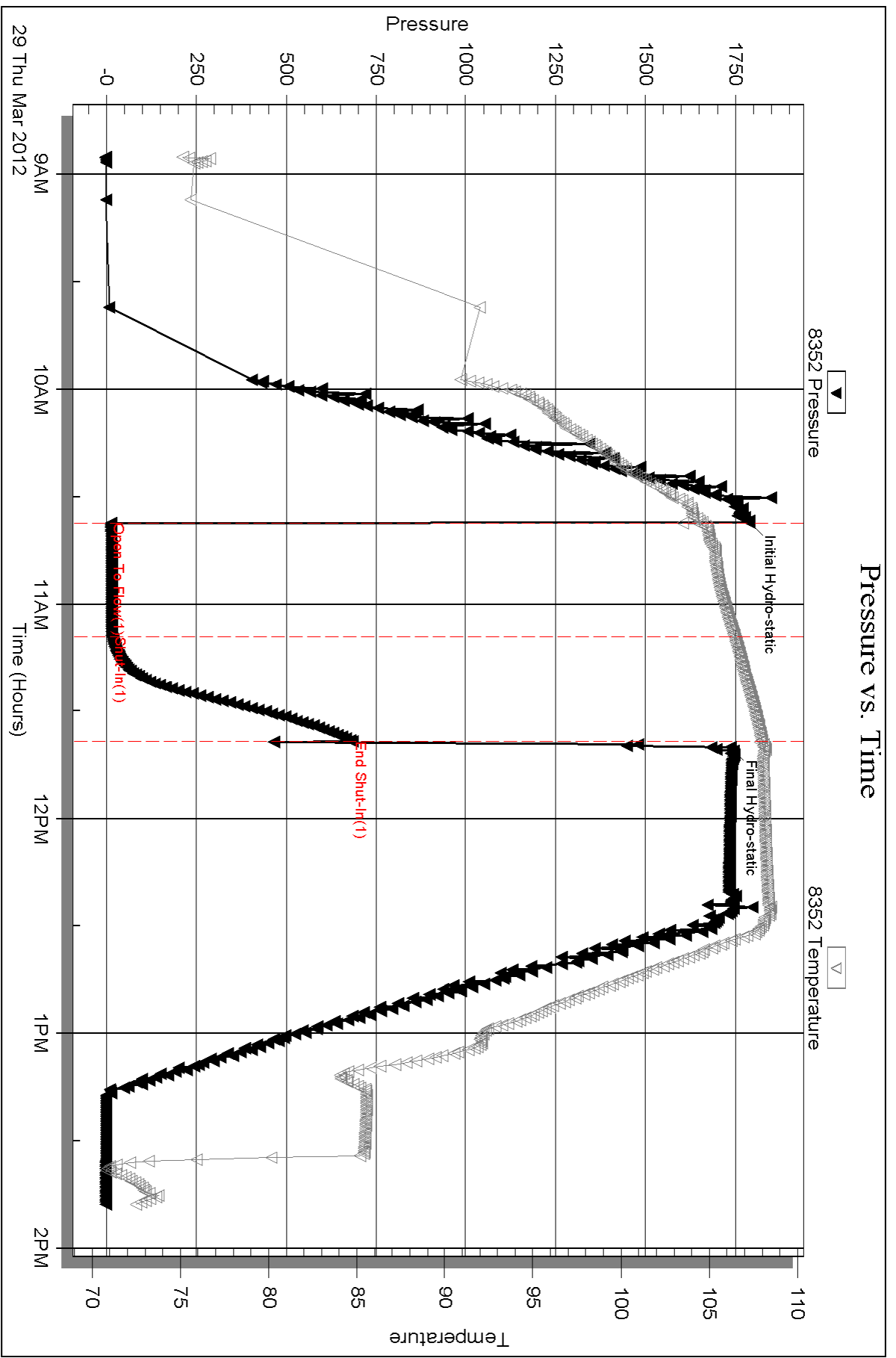
Recovery Comments:

Serial #: 8352

Outside Baird Oil Co. LLC.

White #1-11

DST Test Number: 4



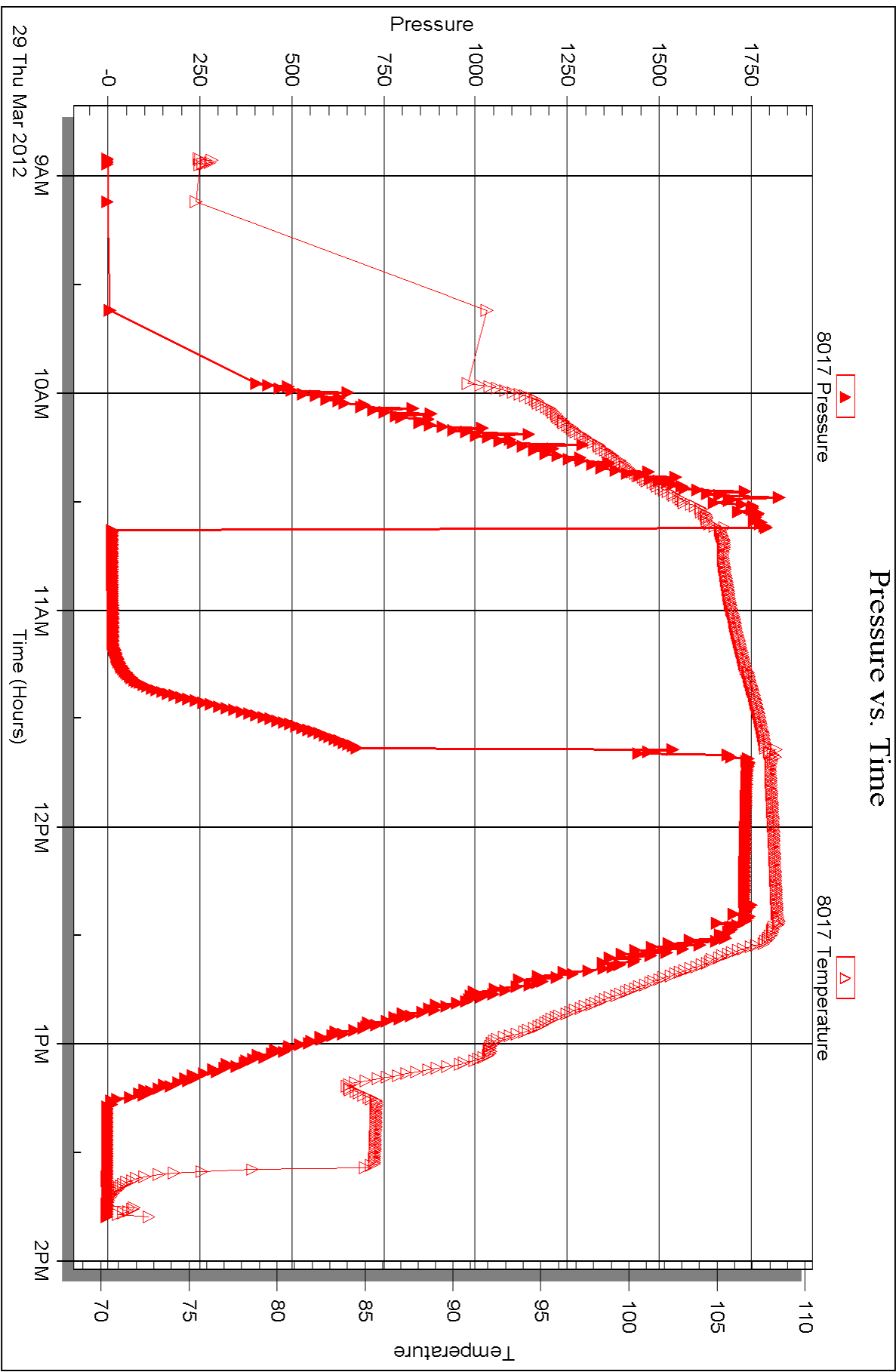
Serial #: 8017

Inside

Baird Oil Co. LLC.

White #1-11

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC.**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

White #1-11

11-7s-22w Graham,KS

Start Date: 2012.03.30 @ 07:09:05

End Date: 2012.03.30 @ 12:22:29

Job Ticket #: 46821 DST #: 5

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

Printed: 2012.04.04 @ 14:06:50



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46821

DST#: 5

ATTN: Richard Bell

Test Start: 2012.03.30 @ 07:09:05

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:25:50

Time Test Ended: 12:22:29

Test Type: Conventional Bottom Hole (Reset)

Tester: Andy Carreira

Unit No: 39

Interval: 3771.00 ft (KB) To 3807.00 ft (KB) (TVD)

Reference Elevations: 2229.00 ft (KB)

Total Depth: 3807.00 ft (KB) (TVD)

2224.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 173.15 psig @ 3772.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.30

End Date:

2012.03.30

Last Calib.:

2012.03.30

Start Time:

07:09:05

End Time:

12:22:29

Time On Btm:

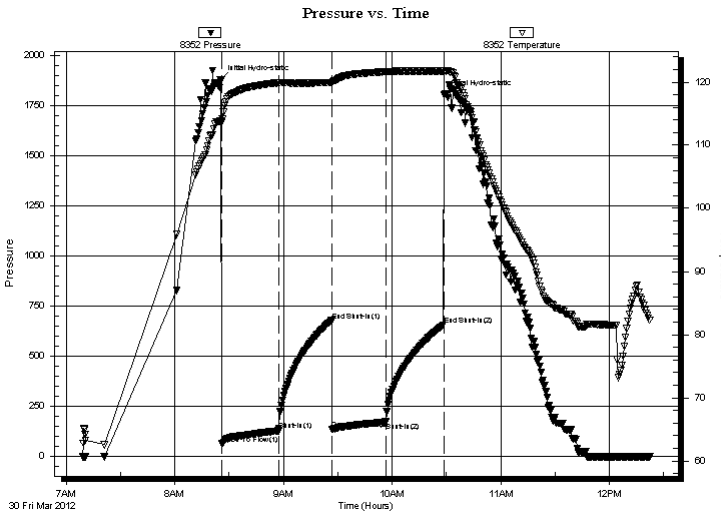
2012.03.30 @ 08:25:10

Time Off Btm:

2012.03.30 @ 10:28:50

TEST COMMENT: IF:(30min) Built to 9" in 18 min.
IS:(30min) No Return
FF:(30min) Built to 3" in 21 min.
FS:(30min) No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1878.95	113.81	Initial Hydro-static
1	62.74	113.60	Open To Flow (1)
33	128.55	119.89	Shut-In(1)
62	678.59	119.97	End Shut-In(1)
62	137.17	119.79	Open To Flow (2)
92	173.15	121.64	Shut-In(2)
124	656.55	121.74	End Shut-In(2)
124	1806.22	121.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
340.00	SOSMW	3.64

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46821

DST#: 5

ATTN: Richard Bell

Test Start: 2012.03.30 @ 07:09:05

Tool Information

Drill Pipe:	Length: 3653.00 ft	Diameter: 3.80 inches	Volume: 51.24 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.13 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 51.85 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.13 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3771.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 ft			
Tool Length:	64.00 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			3744.00	
Shut In Tool	5.00			3749.00	
Hydraulic tool	5.00			3754.00	
Jars	5.00			3759.00	
Safety Joint	3.00			3762.00	
Packer	5.00			3767.00	28.00 Bottom Of Top Packer
Packer	4.00			3771.00	
Stubb	1.00			3772.00	
Recorder	0.00	8017	Inside	3772.00	
Recorder	0.00	8352	Outside	3772.00	
Perforations	32.00			3804.00	
Bullnose	3.00			3807.00	36.00 Bottom Packers & Anchor

Total Tool Length: 64.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46821

DST#: 5

ATTN: Richard Bell

Test Start: 2012.03.30 @ 07:09:05

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:

33000 ppm

Viscosity: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
340.00	SOSMW	3.639

Total Length: 340.00 ft Total Volume: 3.639 bbl

Num Fluid Samples: 0

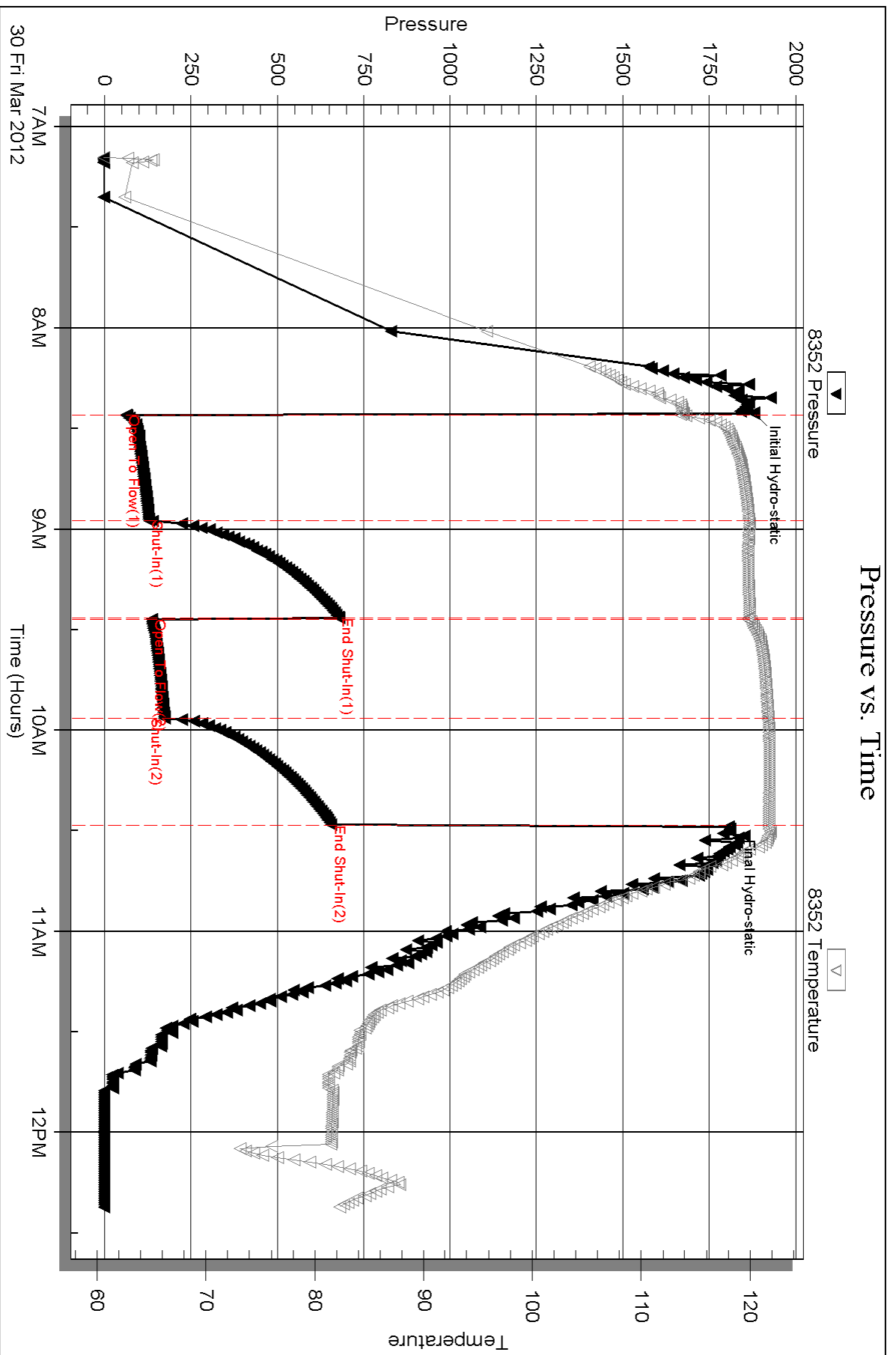
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Resistivity- .174 @ 84 deg=33000



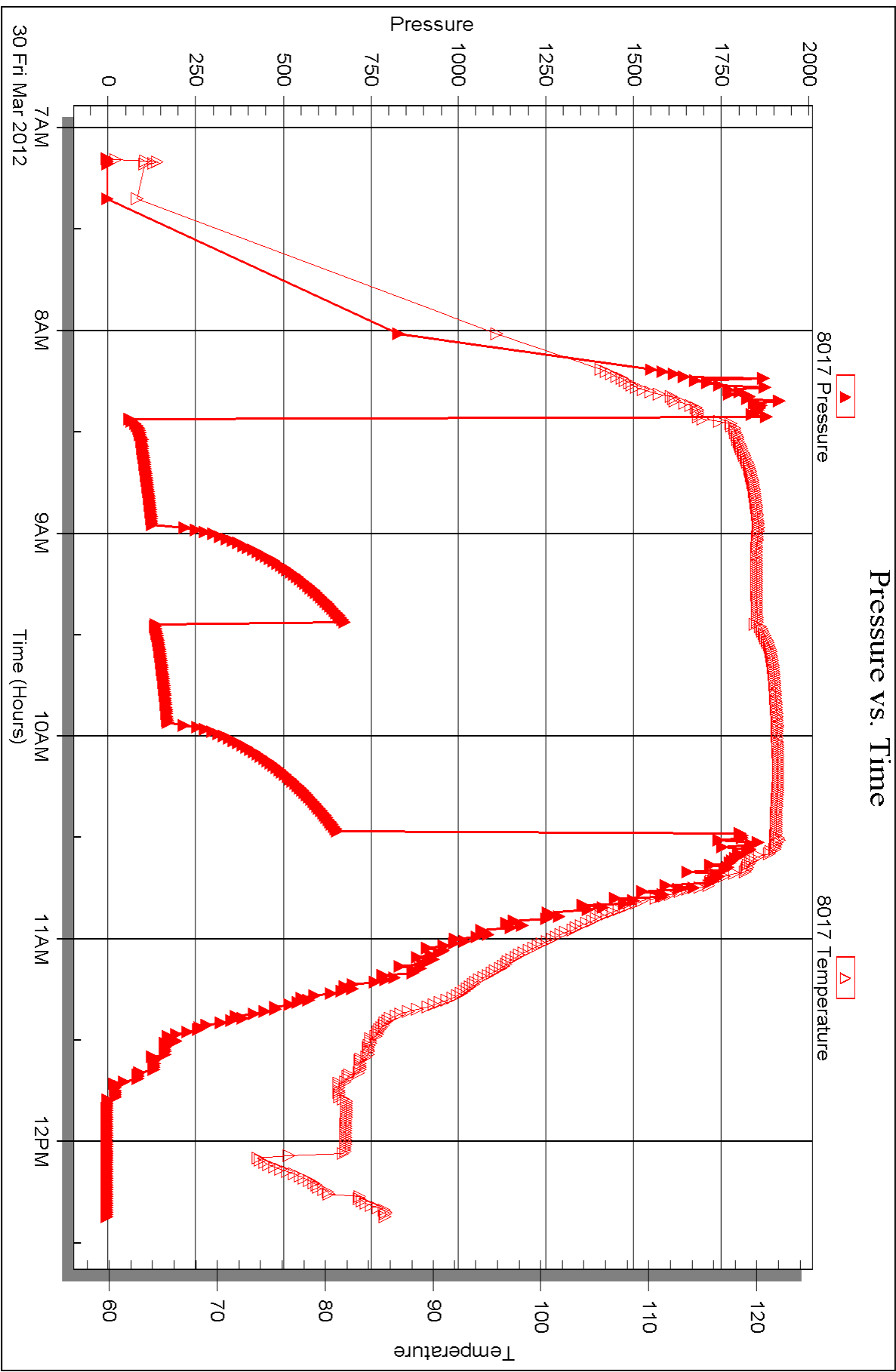
Serial #: 8017

Inside

Baird Oil Co. LLC.

White #1-11

DST Test Number: 5





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Co. LLC.**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

White #1-11

11-7s-22w Graham,KS

Start Date: 2012.03.30 @ 16:19:05

End Date: 2012.03.30 @ 22:55:29

Job Ticket #: 46822 DST #: 6

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

Printed: 2012.04.04 @ 14:05:49



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46822

DST#: 6

ATTN: Richard Bell

Test Start: 2012.03.30 @ 16:19:05

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:17:30

Time Test Ended: 22:55:29

Test Type: Conventional Straddle (Reset)

Tester: Andy Carreira

Unit No: 39

Interval: 3736.00 ft (KB) To 3772.00 ft (KB) (TVD)

Reference Elevations: 2229.00 ft (KB)

Total Depth: 3807.00 ft (KB) (TVD)

2224.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

Serial #: 8352 Outside

Press @ Run Depth: 66.13 psig @ 3747.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.30

End Date: 2012.03.30

Last Calib.: 2012.03.30

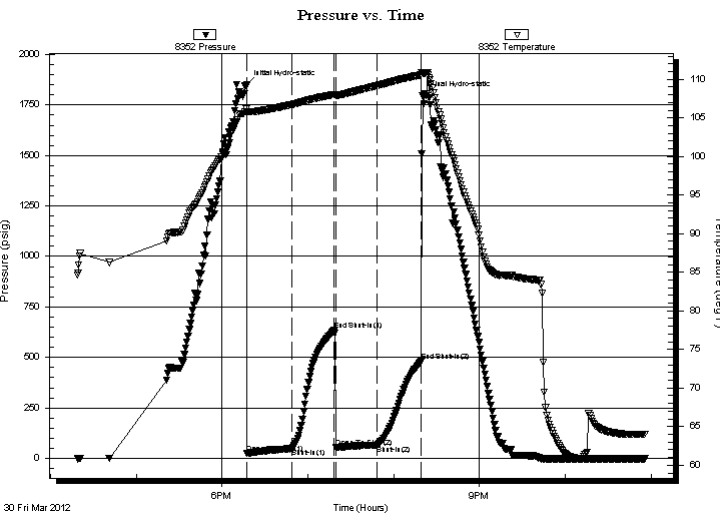
Start Time: 16:19:05

End Time: 22:55:29

Time On Btm: 2012.03.30 @ 18:17:10

Time Off Btm: 2012.03.30 @ 20:20:10

TEST COMMENT: IF:(30min) Built to 1.5" in 10 min. decreased to 1"
IS:(30min) No Return
FF:(30min) Surface blow
FS:(30min) No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1850.56	106.20	Initial Hydro-static
1	24.66	105.66	Open To Flow (1)
32	49.68	106.73	Shut-In(1)
62	633.30	108.04	End Shut-In(1)
63	55.91	107.88	Open To Flow (2)
92	66.13	109.19	Shut-In(2)
123	480.00	110.57	End Shut-In(2)
124	1795.21	110.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	HOCGM g=10% o=20% m=70%	0.15
60.00	GO g=20% o=80%	0.30
0.00	GIP=30ft	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46822

DST#: 6

ATTN: Richard Bell

Test Start: 2012.03.30 @ 16:19:05

Tool Information

Drill Pipe:	Length: 3588.00 ft	Diameter: 3.80 inches	Volume: 50.33 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 124.13 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 58000.00 lb
			<u>Total Volume: 50.94 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.13 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3736.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	3772.00 ft			
Interval between Packers:	36.00 ft			
Tool Length:	103.00 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			3709.00	
Shut In Tool	5.00			3714.00	
Hydraulic tool	5.00			3719.00	
Jars	5.00			3724.00	
Safety Joint	3.00			3727.00	
Packer	5.00			3732.00	28.00 Bottom Of Top Packer
Packer	4.00			3736.00	
Stubb	1.00			3737.00	
Perforations	10.00			3747.00	
Recorder	0.00	8017	Inside	3747.00	
Recorder	0.00	8352	Outside	3747.00	
Perforations	21.00			3768.00	
Blank Off Sub	1.00			3769.00	
Blank Spacing	3.00			3772.00	36.00 Tool Interval
Packer	4.00			3776.00	
Stubb	1.00			3777.00	
Perforations	1.00			3778.00	
Change Over Sub	1.00			3779.00	
Recorder	0.00	8647	Below	3779.00	
Drill Pipe	32.00			3811.00	39.00 Bottom Packers & Anchor

Total Tool Length: 103.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Co. LLC.

11-7s-22w Graham,KS

PO Box 428
Logan KS 67646

White #1-11

Job Ticket: 46822

DST#: 6

ATTN: Richard Bell

Test Start: 2012.03.30 @ 16:19:05

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	HOCGM g=10% o=20% m=70%	0.148
60.00	GO g=20% o=80%	0.295
0.00	GIP=30ft	0.000

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

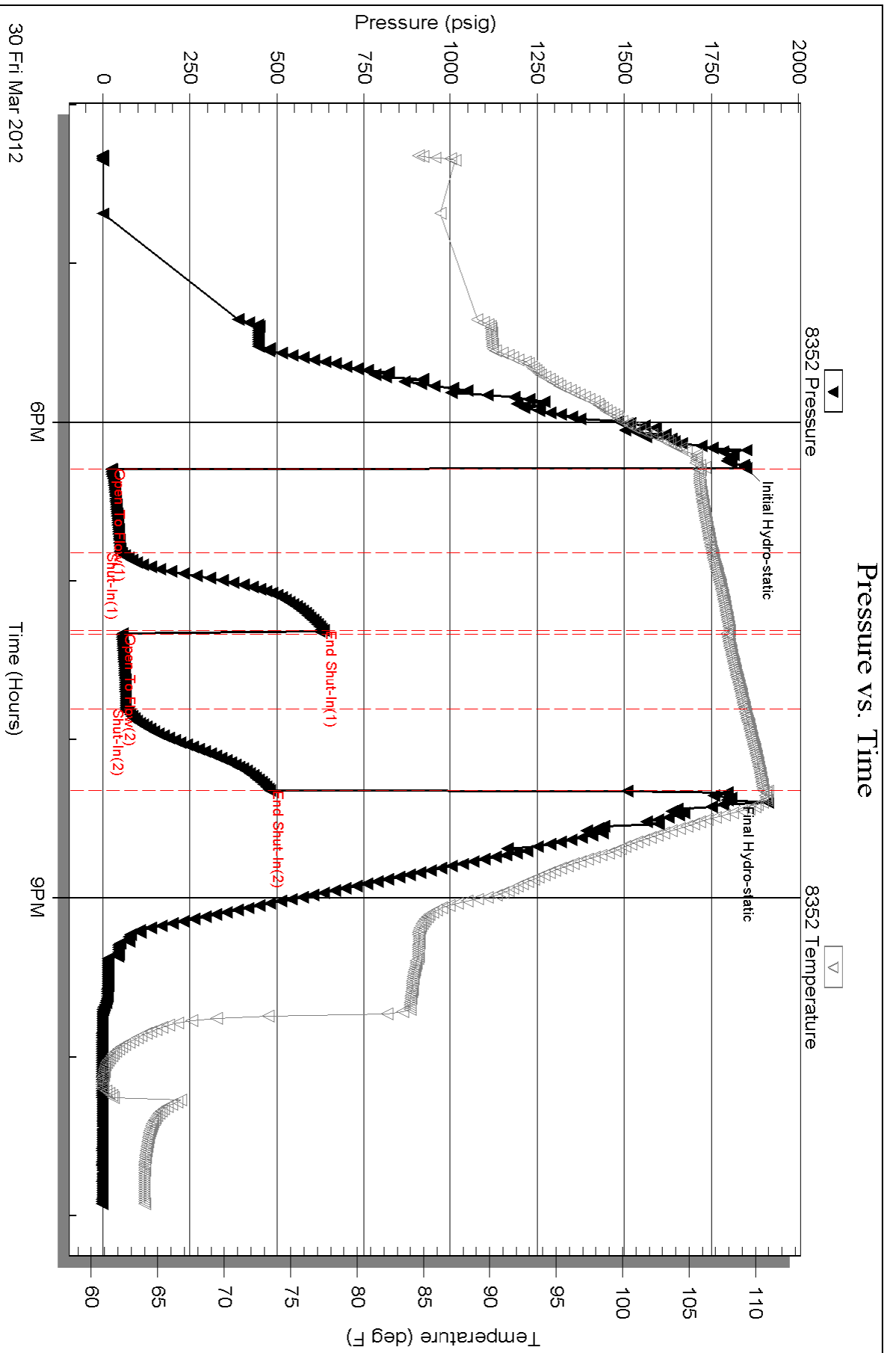
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



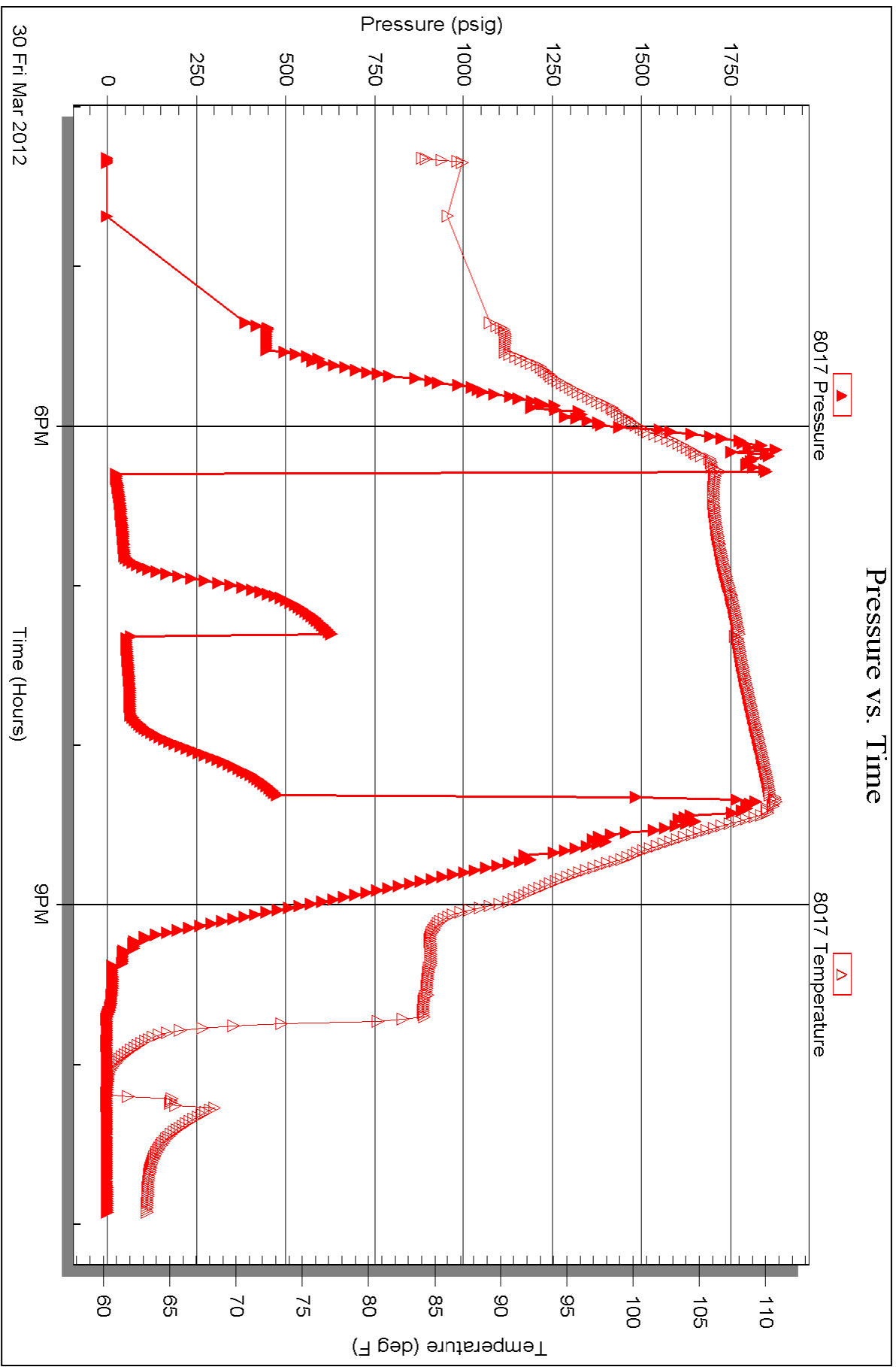
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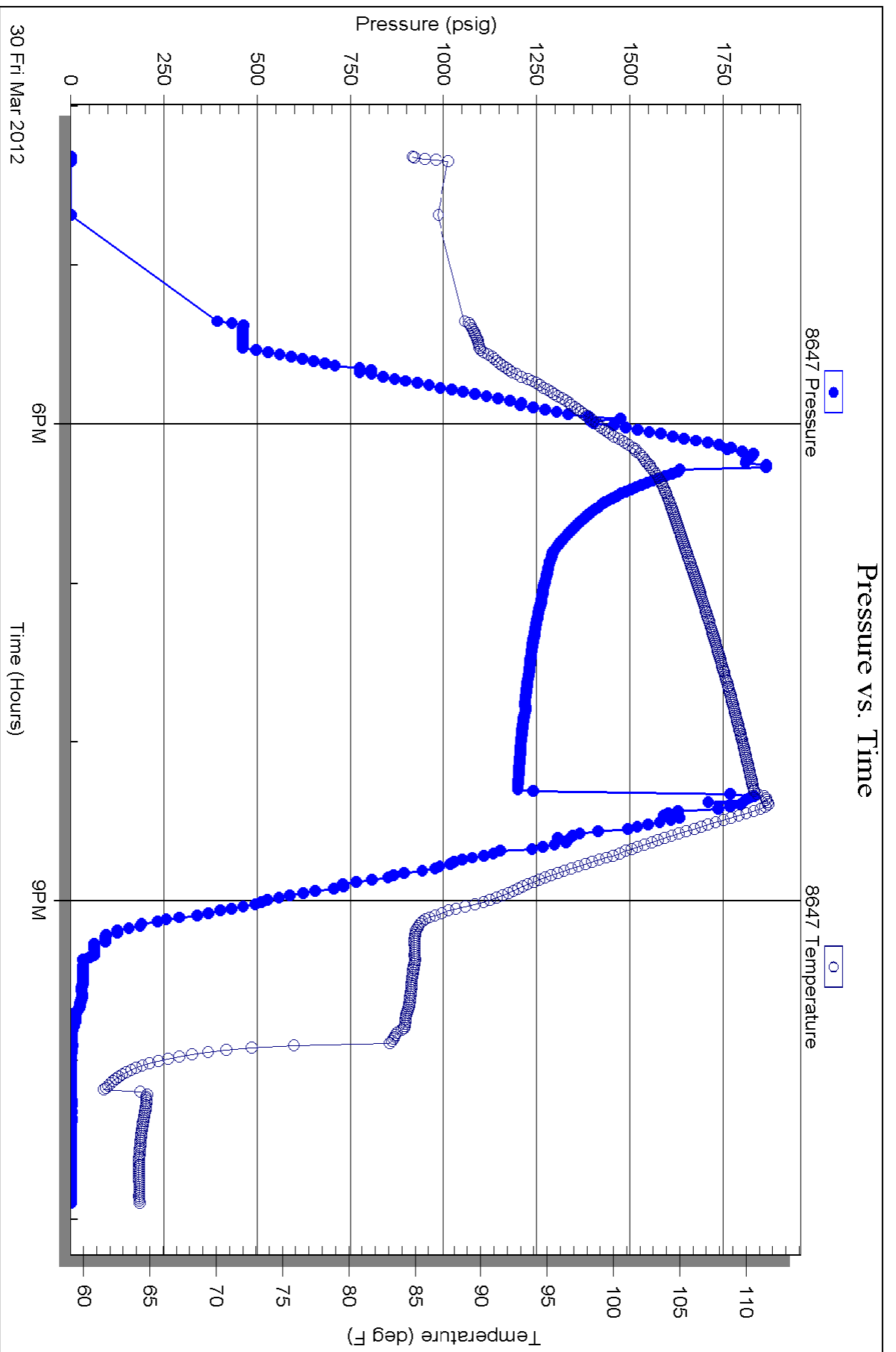
Inside

Baird Oil Co. LLC.

White #1-11

DST Test Number: 6







TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 02 2012
BY: _____

Test Ticket

NO. 46817

Well Name & No. White #1-11 Test No. 1 Date 3-27-12
 Company Baird Oil Co. LLC. Elevation 2229 KB 2224 GL
 Address PO Box 428 Logan Ks 67646
 Co. Rep / Geo. Richard Bell Rig WW #8
 Location: Sec. 11 Twp. 7s Rge. 22W Co. Graham State Ks

Interval Tested 3480-3500 Zone Tested LKC "C"
 Anchor Length 20' Drill Pipe Run 3366 Mud Wt. 9.0
 Top Packer Depth 3475 Drill Collars Run 124.13 Vis 53
 Bottom Packer Depth 3480 Wt. Pipe Run 0 WL 7.2
 Total Depth 3500 Chlorides 1200 ppm System LCM 2H

Blow Description LF: Fair blow, 3" in 8min, 6" in 23min, Built to 8"
ISD: Return blow, surface, died in 16min. (Blow back 5min. after bleed off)
FF: Fair blow, 3" in 13min, 6" in 36min, Built to 6"
FSL: # Return blow, 6min after bleed off, died in 9min. (Surface Blow)

Rec	Feet of	%gas	%oil	%water	%mud
50	CO		100%		
40	50.5 WM		TR	10%	90%
130	MW			90%	10%
155	BIP				
Rec	Feet of	%gas	%oil	%water	%mud

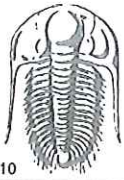
Rec Total 220' BHT 117° Gravity 29 API RW .096 @ 76° F Chlorides 70,000 ppm

(A) Initial Hydrostatic 1706 Test 1125' T-On Location 16:22
 (B) First Initial Flow 15' Jars _____ T-Started 16:51
 (C) First Final Flow 103 Safety Joint _____ T-Open 18:21
 (D) Initial Shut-In 829 Circ Sub _____ T-Pulled 21:21
 (E) Second Initial Flow 106 Hourly Standby _____ T-Out 23:16
 (F) Second Final Flow 136 Mileage 900 RT 126' Comments _____
 (G) Final Shut-In 826 Sampler _____
 (H) Final Hydrostatic 1657 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____

Initial Open 45 Extra Recorder _____ Sub Total 0
 Initial Shut-In 45 Day Standby _____ Total 1251'
 Final Flow 45 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1251'

Approved By _____ Our Representative Richard Co.

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 02 2012
BY: _____

Test Ticket

NO. 46818

Well Name & No. White #1-11 Test No. 2 Date 3-28-12
 Company Dried Oil Co LLC Elevation 2229 KB 2224 GL
 Address PO Box 428 Logan Ks 67646
 Co. Rep / Geo. Richard Bell Rig WW#8
 Location: Sec. 11 Twp. 7S Rge. 22W Co. Benham State Ks

Interval Tested 3568-3595 Zone Tested LKC "H"
 Anchor Length 27 Drill Pipe Run 3428 Mud Wt. 9.0
 Top Packer Depth 3563 Drill Collars Run 124.13 Vis 53
 Bottom Packer Depth 3568 Wt. Pipe Run 0 WL 7.2
 Total Depth 3595 Chlorides 1200 ppm System LCM 2#

Blow Description 1st: Blow died 10 min.
2nd: No Return
FP: N/A
FSD: N/A Pulled Tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>SOSM</u>				
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 108' Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1772 Test 1125 T-On Location 09:12
 (B) First Initial Flow 11 Jars _____ T-Started 09:47
 (C) First Final Flow 16 Safety Joint _____ T-Open 11:15
 (D) Initial Shut-In 10/0 Circ Sub _____ T-Pulled 12:15
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 13:35
 (F) Second Final Flow _____ Mileage ← 3428 47.60 from Hillecity Comments RAW 30-30 &
 (G) Final Shut-In _____ Sampler _____ Pulled Tool due to
 (H) Final Hydrostatic 1717 Straddle _____ dead blow.
 Ruined Shale Packer _____
 Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 30 Extra Recorder _____ Sub Total 0
 Final Flow _____ Day Standby _____ Total 1172.60
 Final Shut-In _____ Accessibility _____ MP/DST Disc't _____
 Sub Total 1172.60

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 02 2012

Test Ticket

NO. 46819

BY: _____

Well Name & No. White #1-11 Test No. 3 Date 3-28-12
 Company Baird Oil Co. LLC Elevation 2229 KB 2224 GL
 Address PO Box 428 Logan Ks. 67646
 Co. Rep / Geo. Richard Bell Rig WJW #8
 Location: Sec. 11 Twp. 7S Rge. 22W Co. Graham State Ks.

Interval Tested 3608-3624 Zone Tested LRC¹J¹
 Anchor Length 16' Drill Pipe Run 3493 Mud Wt. 9.1
 Top Packer Depth 3603 Drill Collars Run 124.13 Vis 4.3
 Bottom Packer Depth 3608 Wt. Pipe Run 0 WL 7.6
 Total Depth 3624 Chlorides 1600 ppm System LCM 1[#]

Blow Description IF: Fair Blow, 2" in 13min, built to 3" in 33min
ISB: NO RETURN
FP: Fair Blow, 2" in 11min, 3" in 30min, 3.5" in 42min
FST: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>CO</u>		<u>100%</u>		
<u>110</u>	<u>HOC BM</u>	<u>10%</u>	<u>30%</u>		<u>60%</u>
<u>130</u>	<u>GIP</u>				

Rec Total 170 BHT 115° Gravity 35 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1772 Test 1125 T-On Location 20:04
 (B) First Initial Flow 13 Jars _____ T-Started 20:36
 (C) First Final Flow 59 Safety Joint _____ T-Open 22:05
 (D) Initial Shut-In 259 Circ Sub _____ T-Pulled 01:05
 (E) Second Initial Flow 60 Hourly Standby _____ T-Out 02:57
 (F) Second Final Flow 72 Mileage ← 34AT 47.60 Comments _____
 (G) Final Shut-In 259 Sampler #100m #111 city
 (H) Final Hydrostatic 1754 Straddle _____ Ruined Shale Packer _____

Initial Open 45 Shale Packer _____ Ruined Packer _____
 Initial Shut-In 45 Extra Packer _____ Extra Copies _____
 Final Flow 45 Extra Recorder _____ Sub Total 0
 Final Shut-In 45 Day Standby _____ Total 1172.60
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1172.60

Approved By _____ Our Representative Randy Cain

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TRILOBITE TESTING INC.

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Test Ticket

NO. 46820

4/10

Well Name & No. White #1-11 BY: _____ Test No. 4 Date 3-29-12
 Company Baird Oil Co LLC Elevation 2229 KB 2224 GL _____
 Address PO Box 428 Logan Ks. 67646
 Co. Rep / Geo. Richard Bell Rig NW #8
 Location: Sec. 11 Twp. 7S Rge. 22W Co. Graham State Ks

Interval Tested 3623-3650 Zone Tested LKC "K+L"
 Anchor Length 27 Drill Pipe Run 3491 Mud Wt. 9.2
 Top Packer Depth 3618 Drill Collars Run 12413 Vis 68
 Bottom Packer Depth 3623 Wt. Pipe Run 0 WL 6.4
 Total Depth 3650 Chlorides 1200 ppm System LCM 1#

Blow Description FP: Blow Down in 10 min.
1st: NO Return
FP
FST } Pulled Tool

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>OSM</u>				
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 107° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1788 Test 1125 T-On Location 08:24
 (B) First Initial Flow 12 Jars _____ T-Started 08:53
 (C) First Final Flow 15 Safety Joint _____ T-Open 10:38
 (D) Initial Shut-In 684 Circ Sub _____ T-Pulled 11:38*
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 13:48
 (F) Second Final Flow _____ Mileage ←34RT 47.60 Comments *Tool not pulled.
 (G) Final Shut-In _____ Sampler _____ Hands unloading long
 (H) Final Hydrostatic 1735 Straddle _____ string, started out @ 12:20

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Shale Packer _____ Ruined Packer _____
 Final Flow _____ Extra Packer _____ Extra Copies _____
 Final Shut-In _____ Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1172.60
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1172.60

Approved By _____ Our Representative Andy Car

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
APR 02 2012

Test Ticket

NO. 46821

Well Name & No. White # 1-11 Test No. 5 Date 3-30-12
 Company Baird Oil Co. LLC Elevation 2229 KB 2224 GL
 Address PO Box 428 Logan, KS 67646
 Co. Rep / Geo. Richard Bell Rig WH 8
 Location: Sec. 11 Twp. 7S Rge. 22W Co. Geham State Ks

Interval Tested 3771-3807 Zone Tested Nebraska
 Anchor Length 36' Drill Pipe Run 3653 Mud Wt. 9.2
 Top Packer Depth 3766 Drill Collars Run 124.13 Vis 68
 Bottom Packer Depth 3771 Wt. Pipe Run 0 WL 6.4
 Total Depth 3807 Chlorides 1200 ppm System LCM 1#

Blow Description IF: Built to 9" in 18 min.
ISF: NO RETURN
FP: Built to 3" in 2/min.
FSL: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
340'	SOSMW				
Rec Total	340'				

- (A) Initial Hydrostatic 1878
- (B) First Initial Flow 62
- (C) First Final Flow 128
- (D) Initial Shut-In 678
- (E) Second Initial Flow 137
- (F) Second Final Flow 173
- (G) Final Shut-In 656
- (H) Final Hydrostatic 1806

Gravity 1.14 API RW #16 @ #16 F Chlorides 33000 ppm
 Test 1125
 Jars 250
 Safety Joint 75
 Circ Sub
 Hourly Standby
 Mileage 342T 47.60
 Sampler
 Straddle
 Shale Packer
 Extra Packer
 Extra Recorder
 Day Standby
 Accessibility
 Sub Total 1497.60

T-On Location 06104
 T-Started 07:09
 T-Open 08:27
 T-Pulled 10:27
 T-Out 12:23
 Comments
 Ruined Shale Packer
 Ruined Packer
 Extra Copies
 Sub Total 0
 Total 1497.60
 MP/DST Disc't

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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APR 02 2012

Test Ticket

NO. 46822

4/10

BY: _____

Well Name & No. White #1-11 Test No. 6 Date 3-30-12
 Company Braid Oil Co LLC Elevation 2229 KB 2224 GL
 Address PO BOX 428 LOGAN, Ks 67646
 Co. Rep / Geo. Richard Bell Rig WN8
 Location: Sec. 11 Twp. 7S Rge. 22W Co. Graham State Ks

Interval Tested 3736-3772 Zone Tested Conglomerate
 Anchor Length 36' Drill Pipe Run 3588 Mud Wt. 9.2
 Top Packer Depth 3736 Drill Collars Run 124.13 Vis 58
 Bottom Packer Depth 3772 Wt. Pipe Run 0 WL 6.4
 Total Depth 3807 Chlorides 1200 ppm System LCM 1#

Blow Description SP: built to 1.5" in 10min, increased to 1"
SSD: NO RETURN
SP: SURFACE BLOW
SSD: NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>30</u>	<u>20</u>	<u>80</u>		
<u>30</u>	<u>HOCBM</u>	<u>70</u>	<u>20</u>		<u>70</u>
<u>30</u>	<u>BIP</u>				

Rec Total 90 BHT 110° Gravity 24 API RW @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 1850 Test 1125 T-On Location 15:27
 (B) First Initial Flow 24 Jars 250 T-Started 16:19
 (C) First Final Flow 49 Safety Joint 75 T-Open 18:18
 (D) Initial Shut-In 633 Circ Sub _____ T-Pulled 20:18
 (E) Second Initial Flow 55 Hourly Standby _____ T-Out 22:56
 (F) Second Final Flow 66 Mileage 108 RT 151.20 Comments _____
 (G) Final Shut-In 480 Sampler Rig to Shop
 (H) Final Hydrostatic 1795 Straddle 600

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Extra Copies _____
 Final Shut-In 30 Day Standby _____ Sub Total 0
 Accessibility _____ Total 220.20
 Sub Total 2201.20 MP/DST Disc't _____

Approved By _____ Our Representative Chucky
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