



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

Gasper #1-7

7-7s-19w Rooks, KS

Start Date: 2012.03.11 @ 09:05:24

End Date: 2012.03.11 @ 15:04:24

Job Ticket #: 46036 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.15 @ 13:55:21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46036

DST#: 1

ATTN: Richard Bell

Test Start: 2012.03.11 @ 09:05:24

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:37:54

Time Test Ended: 15:04:24

Test Type: Conventional Bottom Hole (Initial)

Tester: Brett Dickinson

Unit No: 59

Interval: 3231.00 ft (KB) To 3265.00 ft (KB) (TVD)

Reference Elevations: 2065.00 ft (KB)

Total Depth: 3265.00 ft (KB) (TVD)

2060.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 23.50 psig @ 3235.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.11

End Date:

2012.03.11

Last Calib.:

2012.03.11

Start Time: 09:05:29

End Time:

15:04:23

Time On Btm:

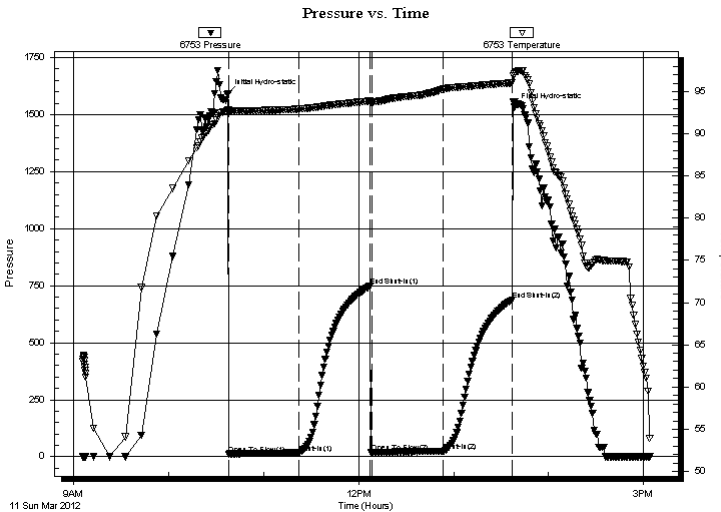
2012.03.11 @ 10:37:24

Time Off Btm:

2012.03.11 @ 13:38:24

TEST COMMENT: IF-2" blow died back to 1 3/4" blow
ISI-No blow
FF-Very weak surface blow died in 12 min
FSI-No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1592.10	92.83	Initial Hydro-static
1	11.95	92.51	Open To Flow (1)
45	17.40	92.92	Shut-In(1)
90	746.70	93.88	End Shut-In(1)
91	19.51	93.72	Open To Flow (2)
136	23.50	95.29	Shut-In(2)
180	688.62	96.03	End Shut-In(2)
181	1532.48	97.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	V SOCM 5% O 95% M	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46036

DST#: 1

ATTN: Richard Bell

Test Start: 2012.03.11 @ 09:05:24

Tool Information

Drill Pipe:	Length: 3112.00 ft	Diameter: 3.80 inches	Volume: 43.65 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3231.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	54.00 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			3212.00	
Shut In Tool	5.00			3217.00	
Hydraulic tool	5.00			3222.00	
Packer	4.00			3226.00	20.00 Bottom Of Top Packer
Packer	5.00			3231.00	
Stubb	1.00			3232.00	
Perforations	3.00			3235.00	
Recorder	0.00	8319	Inside	3235.00	
Recorder	0.00	6753	Outside	3235.00	
Perforations	27.00			3262.00	
Bullnose	3.00			3265.00	34.00 Bottom Packers & Anchor

Total Tool Length: 54.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46036

DST#: 1

ATTN: Richard Bell

Test Start: 2012.03.11 @ 09:05:24

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: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	VSOCM 5%O 95%M	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

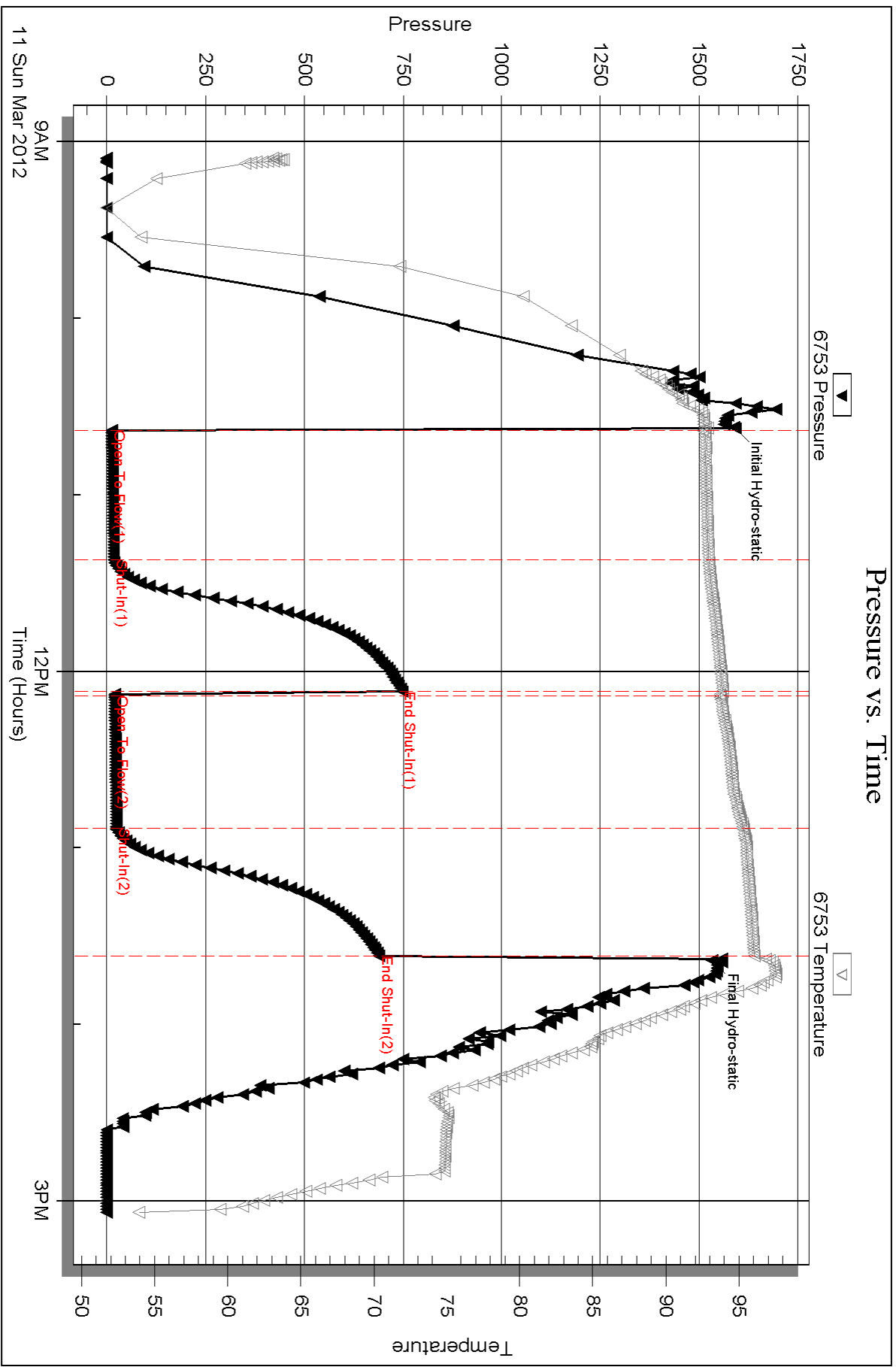
Recovery Comments:

Serial #: 6753

Outside Baird Oil Company, LLC

Gasper #1-7

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 46036

Printed: 2012.03.15 @ 13:55:23

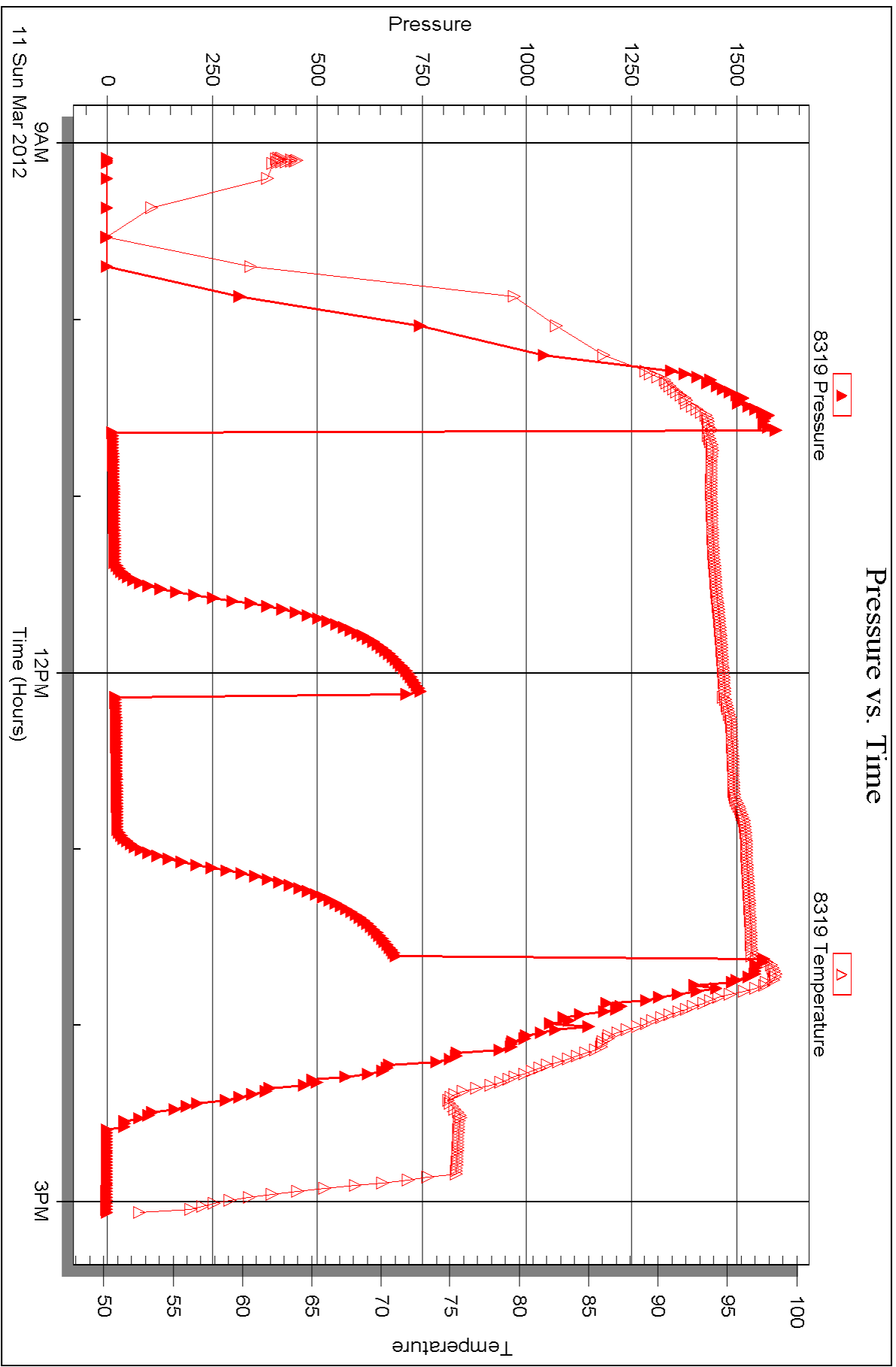
Serial #: 8319

Inside

Baird Oil Company, LLC

Gasper #1-7

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

Gasper #1-7

7-7s-19w Rooks, KS

Start Date: 2012.03.11 @ 20:35:28

End Date: 2012.03.12 @ 02:03:28

Job Ticket #: 46037 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.15 @ 13:54:36



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46037

DST#: 2

ATTN: Richard Bell

Test Start: 2012.03.11 @ 20:35:28

GENERAL INFORMATION:

Formation: **KC"A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:12:28

Time Test Ended: 02:03:28

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3265.00 ft (KB) To 3290.00 ft (KB) (TVD)

Reference Elevations: 2065.00 ft (KB)

Total Depth: 3290.00 ft (KB) (TVD)

2060.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 33.92 psig @ 3269.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.11

End Date:

2012.03.12

Last Calib.:

2012.03.12

Start Time: 20:35:33

End Time:

02:03:27

Time On Btm:

2012.03.11 @ 22:11:28

Time Off Btm:

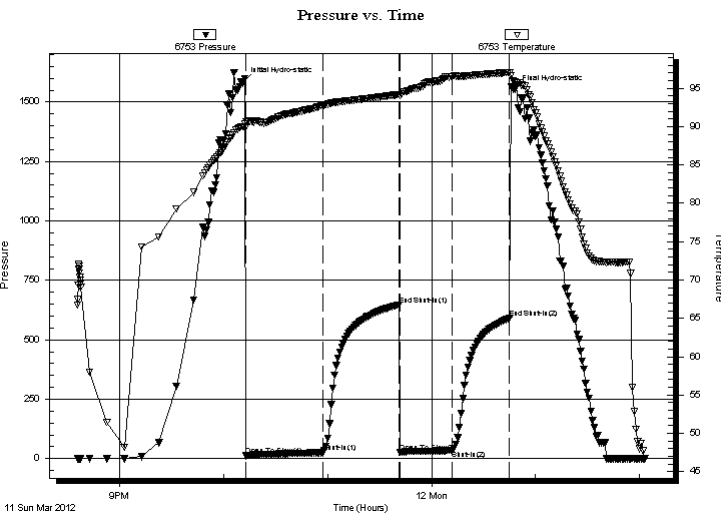
2012.03.12 @ 00:47:58

TEST COMMENT: IF-1 1/4" blow died back to 1" blow

ISI-No blow

FF-No blow

FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1586.42	89.99	Initial Hydro-static
1	12.16	89.94	Open To Flow (1)
46	25.16	92.74	Shut-In(1)
90	646.90	94.17	End Shut-In(1)
91	27.94	94.03	Open To Flow (2)
121	33.92	96.53	Shut-In(2)
154	591.27	97.06	End Shut-In(2)
157	1552.53	95.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Oil spotted mud	0.02

* 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 Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46037

DST#: 2

ATTN: Richard Bell

Test Start: 2012.03.11 @ 20:35:28

Tool Information

Drill Pipe:	Length: 3143.00 ft	Diameter: 3.80 inches	Volume: 44.09 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
			- bbl	String Weight: Initial	48000.00 lb
Drill Pipe Above KB:	18.00 ft			Final	48000.00 lb
Depth to Top Packer:	3265.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	25.00 ft				
Tool Length:	45.00 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			3246.00	
Shut In Tool	5.00			3251.00	
Hydraulic tool	5.00			3256.00	
Packer	4.00			3260.00	20.00 Bottom Of Top Packer
Packer	5.00			3265.00	
Stubb	1.00			3266.00	
Perforations	3.00			3269.00	
Recorder	0.00	8319	Inside	3269.00	
Recorder	0.00	6753	Outside	3269.00	
Perforations	18.00			3287.00	
Bullnose	3.00			3290.00	25.00 Bottom Packers & Anchor

Total Tool Length: 45.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46037

DST#: 2

ATTN: Richard Bell

Test Start: 2012.03.11 @ 20:35:28

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: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Oil spotted mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

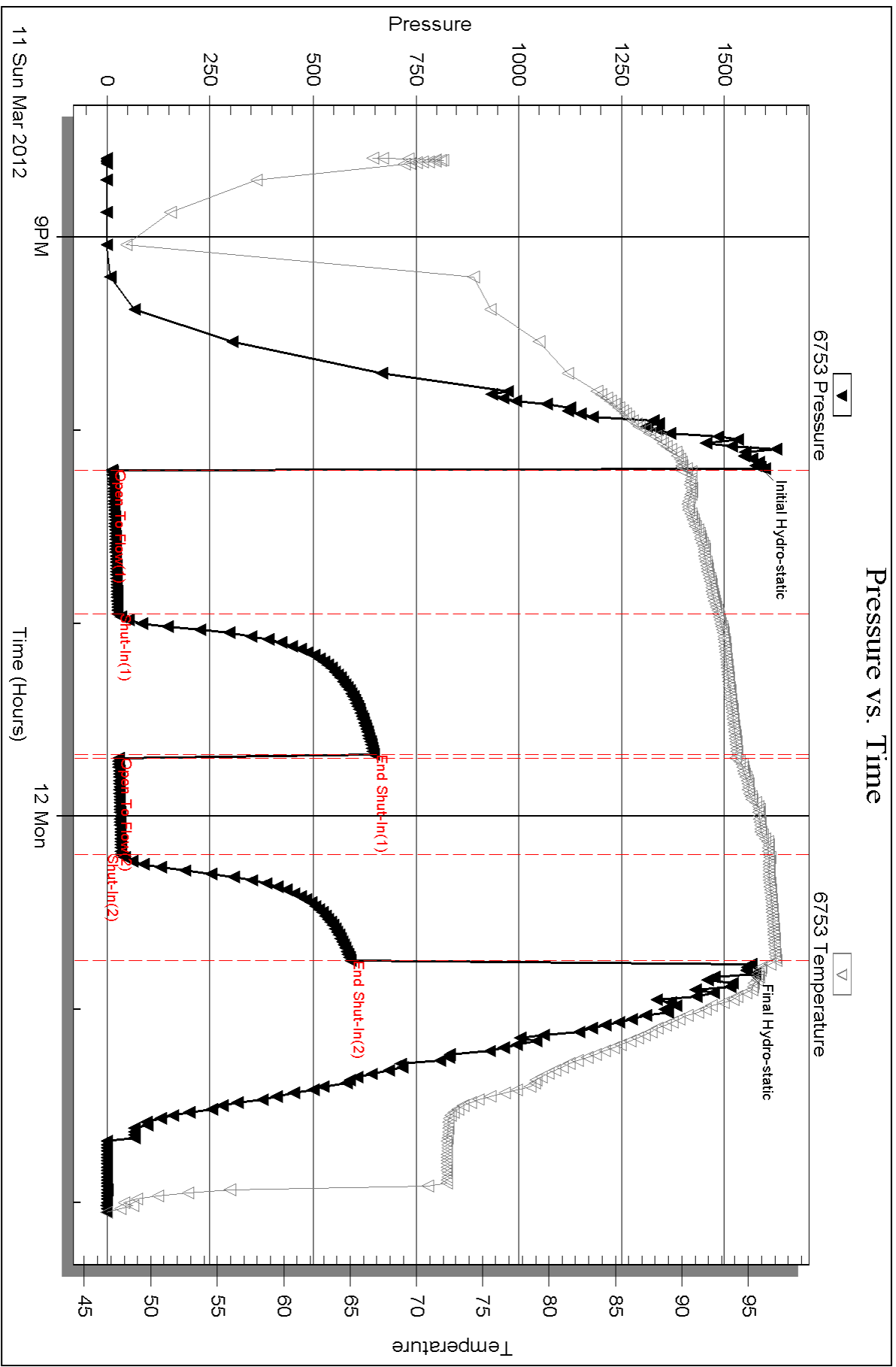
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



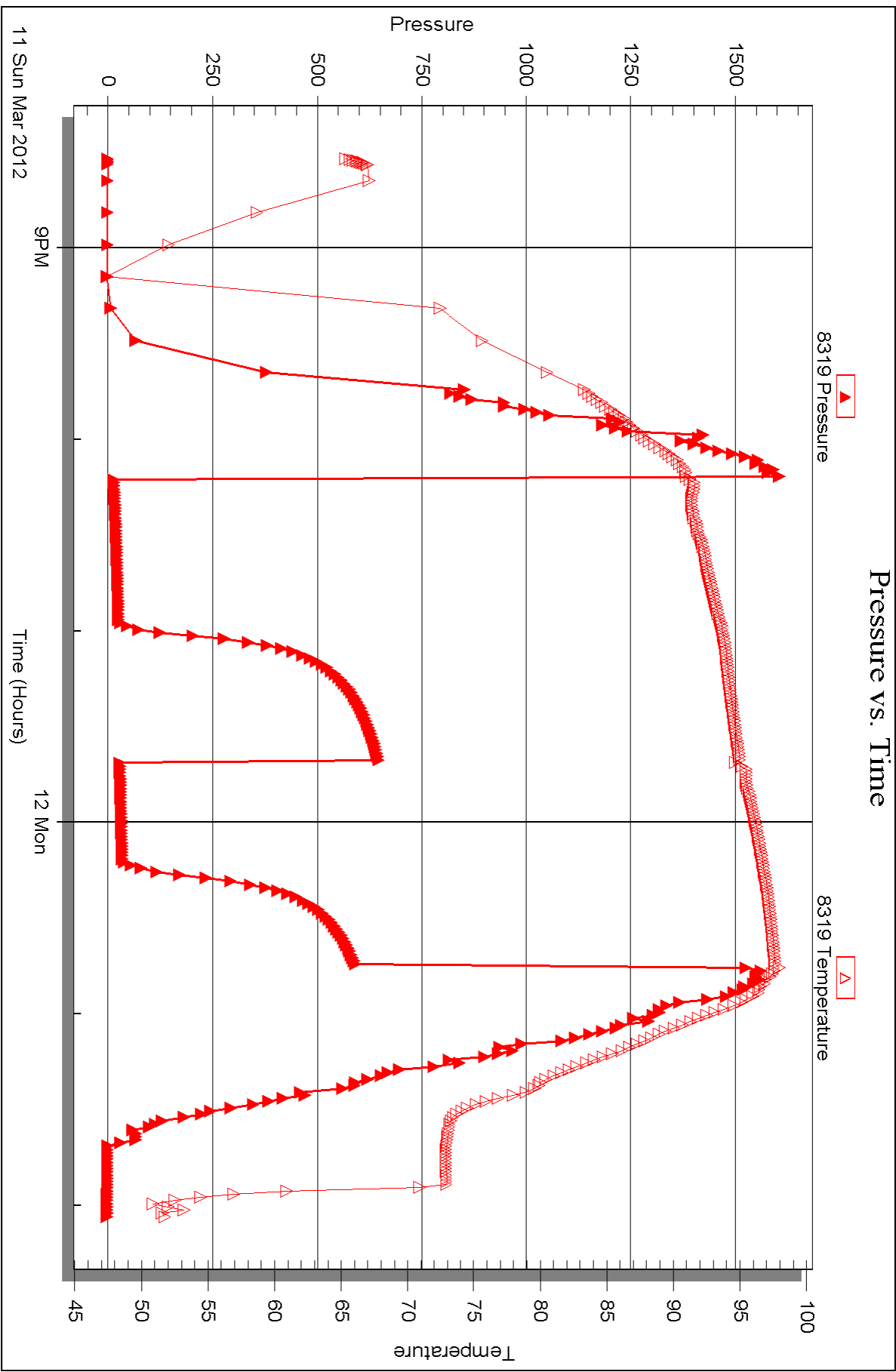
Serial #: 8319

Inside

Baird Oil Company, LLC

Gasper #1-7

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

Gasper #1-7

7-7s-19w Rooks, KS

Start Date: 2012.03.12 @ 08:30:51

End Date: 2012.03.12 @ 12:52:21

Job Ticket #: 46038 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.15 @ 13:53:40



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46038

DST#: 3

ATTN: Richard Bell

Test Start: 2012.03.12 @ 08:30:51

GENERAL INFORMATION:

Formation: **KC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:01:21

Time Test Ended: 12:52:21

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3319.00 ft (KB) To 3340.00 ft (KB) (TVD)

Reference Elevations: 2065.00 ft (KB)

Total Depth: 3340.00 ft (KB) (TVD)

2060.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 11.28 psig @ 3323.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.12

End Date: 2012.03.12

Last Calib.: 2012.03.12

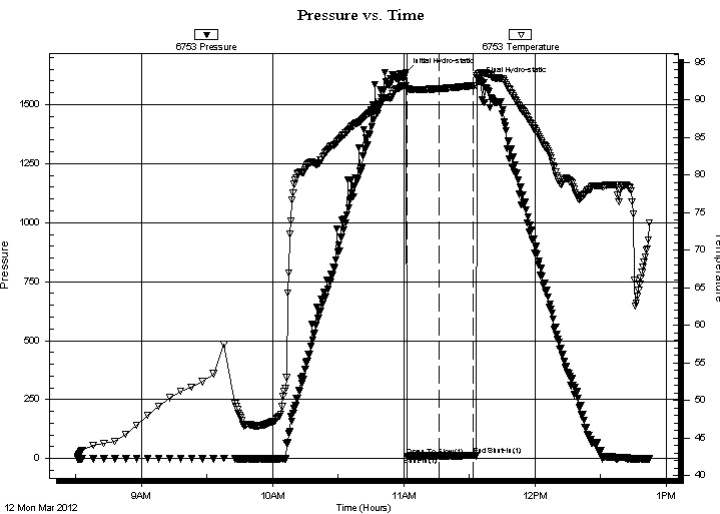
Start Time: 08:30:56

End Time: 12:52:20

Time On Btm: 2012.03.12 @ 11:00:51

Time Off Btm: 2012.03.12 @ 11:34:21

TEST COMMENT: IF-weak surface blow died in 4 min
ISI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.65	91.84	Initial Hydro-static
1	11.08	91.40	Open To Flow (1)
15	11.28	91.47	Shut-In(1)
31	13.35	91.89	End Shut-In(1)
34	1599.41	93.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud	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 Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46038

DST#: 3

ATTN: Richard Bell

Test Start: 2012.03.12 @ 08:30:51

Tool Information

Drill Pipe:	Length: 3200.00 ft	Diameter: 3.80 inches	Volume: 44.89 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	48000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
			- bbl	String Weight: Initial	48000.00 lb
Drill Pipe Above KB:	21.00 ft			Final	48000.00 lb
Depth to Top Packer:	3319.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	21.00 ft				
Tool Length:	41.00 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			3300.00	
Shut In Tool	5.00			3305.00	
Hydraulic tool	5.00			3310.00	
Packer	4.00			3314.00	20.00 Bottom Of Top Packer
Packer	5.00			3319.00	
Stubb	1.00			3320.00	
Perforations	3.00			3323.00	
Recorder	0.00	8319	Inside	3323.00	
Recorder	0.00	6753	Outside	3323.00	
Perforations	14.00			3337.00	
Bullnose	3.00			3340.00	21.00 Bottom Packers & Anchor

Total Tool Length: 41.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46038

DST#: 3

ATTN: Richard Bell

Test Start: 2012.03.12 @ 08:30:51

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: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	mud	0.005

Total Length: 1.00 ft Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

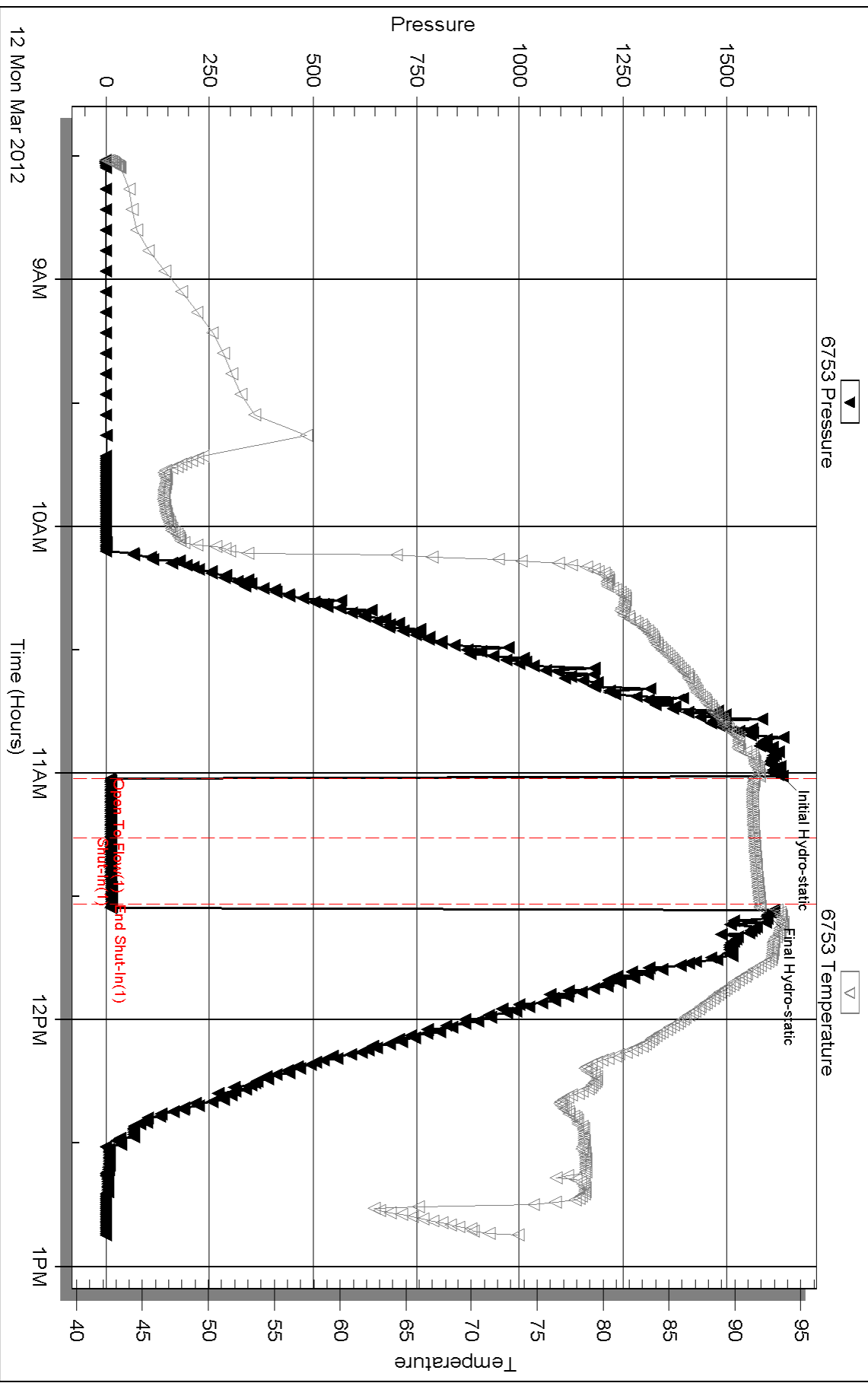
Serial #: 6753

Outside Baird Oil Company, LLC

Gasper #1-7

DST Test Number: 3

Pressure vs. Time



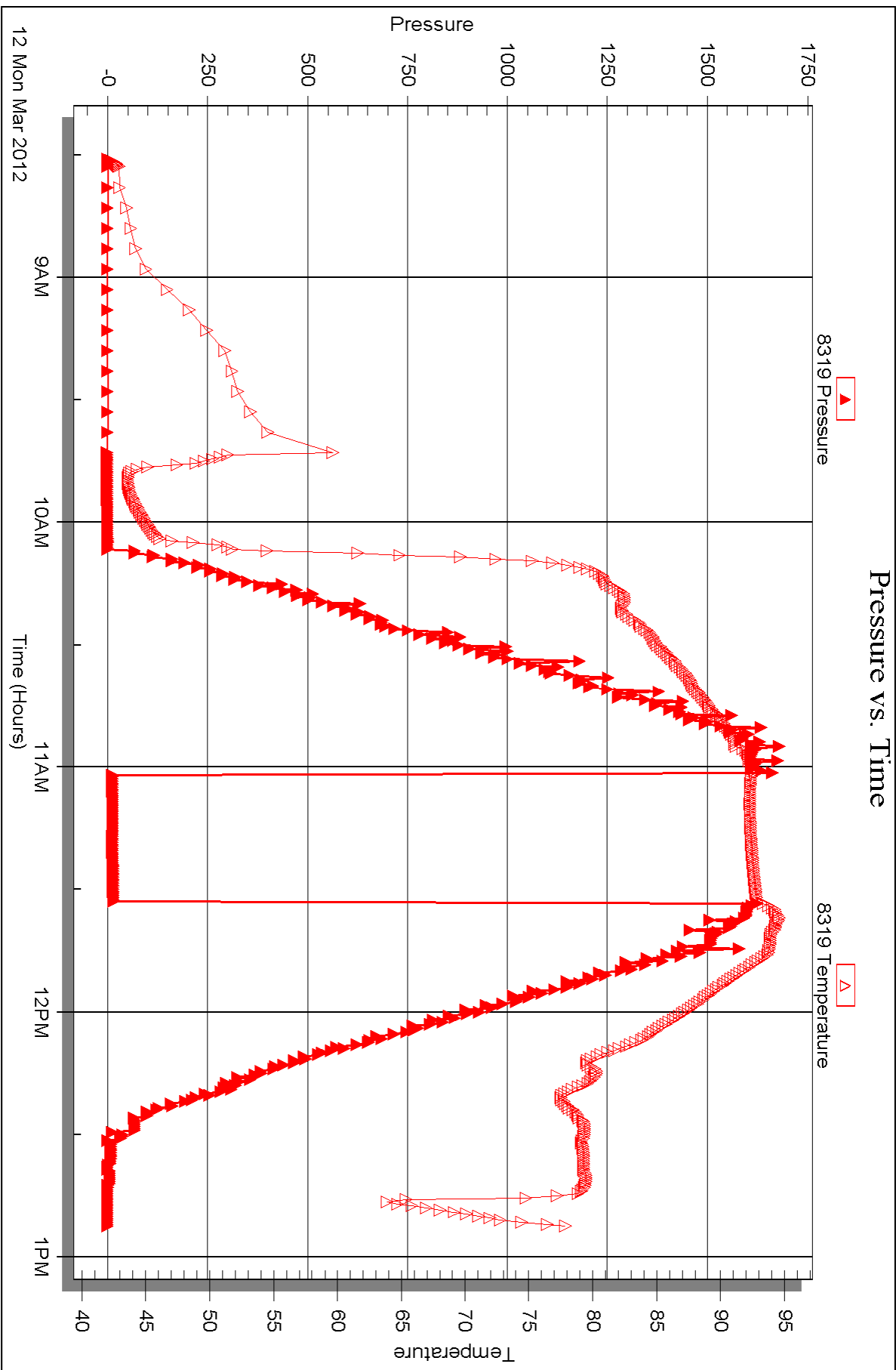
Serial #: 8319

Inside

Baird Oil Company, LLC

Gasper #1-7

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company, LLC**

PO Box 428
Logan KS 67646

ATTN: Richard Bell

Gasper #1-7

7-7s-19w Rooks, KS

Start Date: 2012.03.13 @ 04:04:27

End Date: 2012.03.13 @ 08:37:27

Job Ticket #: 46039 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.03.15 @ 13:52:39



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46039

DST#: 4

ATTN: Richard Bell

Test Start: 2012.03.13 @ 04:04:27

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:02:27

Time Test Ended: 08:37:27

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 59

Interval: 3522.00 ft (KB) To 3535.00 ft (KB) (TVD)

Reference Elevations: 2065.00 ft (KB)

Total Depth: 3525.00 ft (KB) (TVD)

2060.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 6753 Outside

Press @ Run Depth: 16.52 psig @ 3526.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.13

End Date: 2012.03.13

Last Calib.: 2012.03.13

Start Time: 04:04:32

End Time: 08:37:26

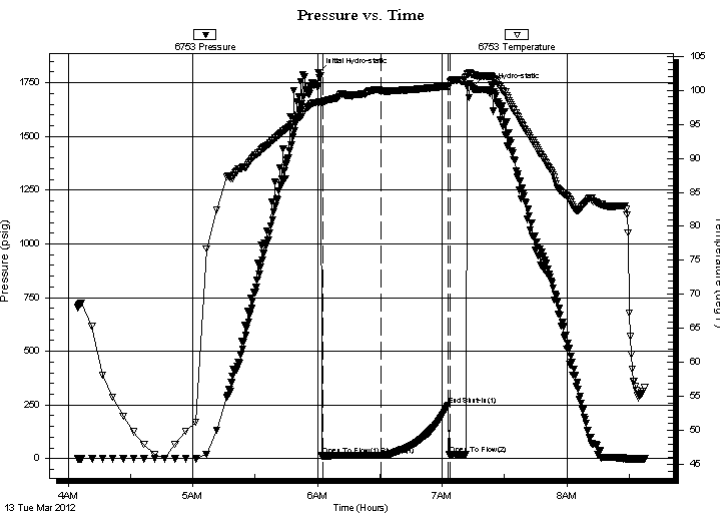
Time On Btm: 2012.03.13 @ 06:00:27

Time Off Btm: 2012.03.13 @ 07:14:27

TEST COMMENT: IF-3/4" blow died back to 1/2"

ISI-No blow

FF-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1797.90	98.18	Initial Hydro-static
2	13.91	98.29	Open To Flow (1)
30	16.52	99.97	Shut-In(1)
63	250.40	100.64	End Shut-In(1)
64	19.46	101.20	Open To Flow (2)
74	1725.03	102.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	SOCM 10%O 90%M	0.02

* 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 Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46039

DST#: 4

ATTN: Richard Bell

Test Start: 2012.03.13 @ 04:04:27

Tool Information

Drill Pipe:	Length: 3393.00 ft	Diameter: 3.80 inches	Volume: 47.59 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume:</u>	Tool Chased	0.00 ft
			- bbl	String Weight: Initial	48000.00 lb
Drill Pipe Above KB:	11.00 ft			Final	48000.00 lb
Depth to Top Packer:	3522.00 ft				
Depth to Bottom Packer:	ft				
Interval between Packers:	13.00 ft				
Tool Length:	33.00 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			3503.00	
Shut In Tool	5.00			3508.00	
Hydraulic tool	5.00			3513.00	
Packer	4.00			3517.00	20.00 Bottom Of Top Packer
Packer	5.00			3522.00	
Stubb	1.00			3523.00	
Perforations	3.00			3526.00	
Recorder	0.00	8319	Inside	3526.00	
Recorder	0.00	6753	Outside	3526.00	
Perforations	6.00			3532.00	
Bullnose	3.00			3535.00	13.00 Bottom Packers & Anchor

Total Tool Length: 33.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company, LLC

7-7s-19w Rooks, KS

PO Box 428
Logan KS 67646

Gasper #1-7

Job Ticket: 46039

DST#: 4

ATTN: Richard Bell

Test Start: 2012.03.13 @ 04:04:27

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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2100.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	SOCM 10%O 90%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

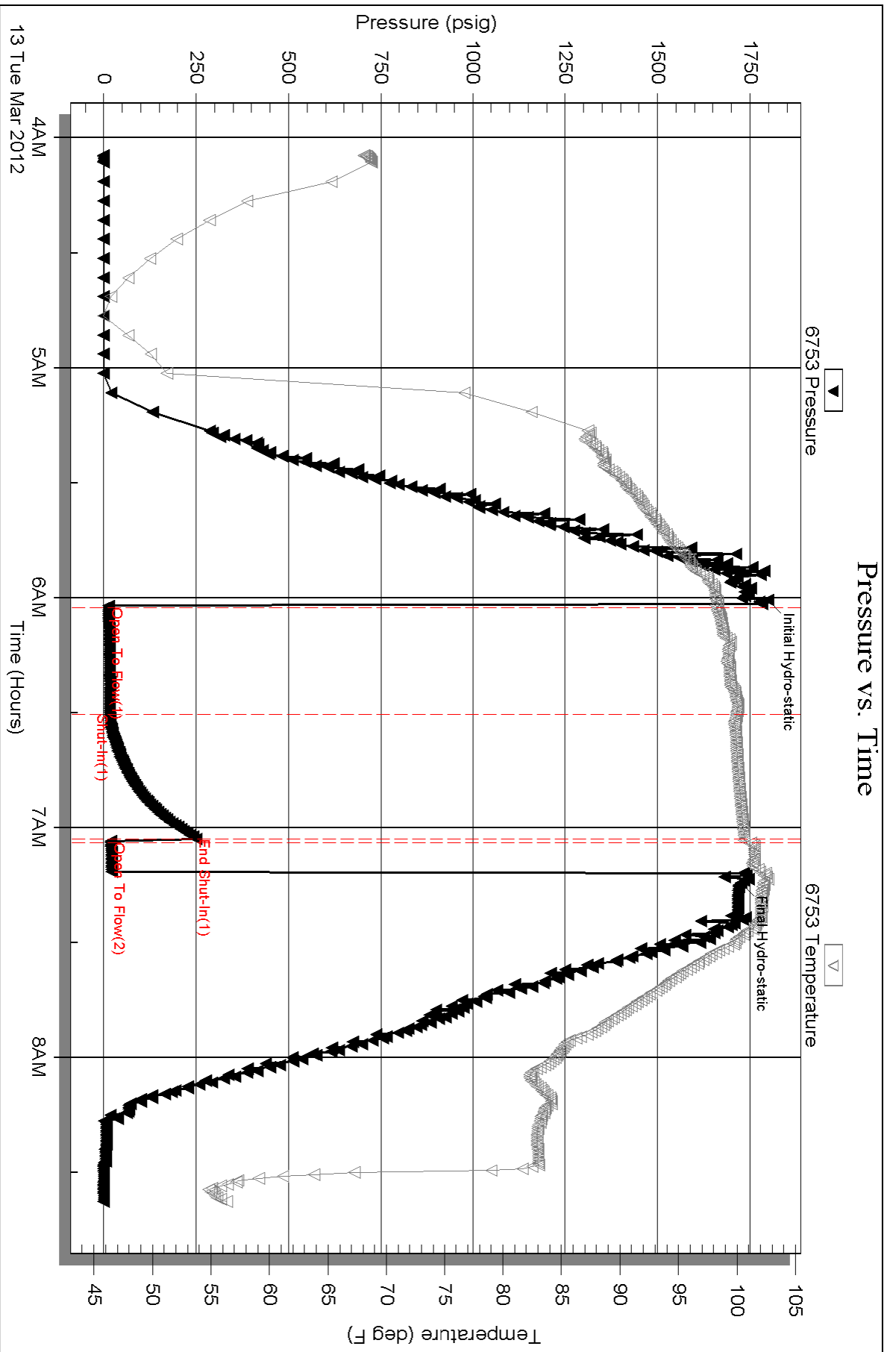
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



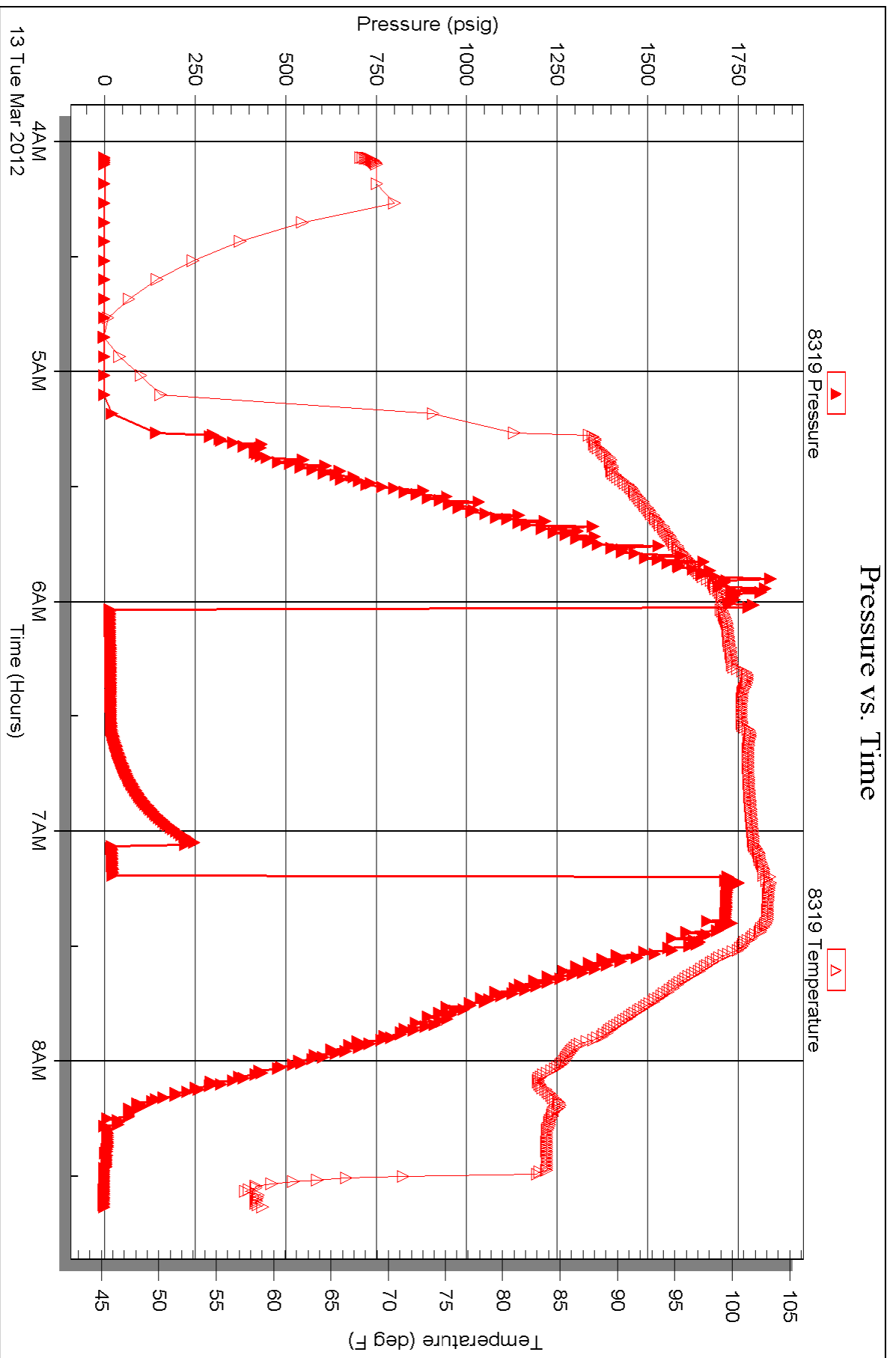
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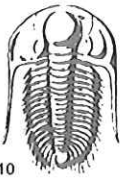
Inside

Baird Oil Company, LLC

Gasper #1-7

DST Test Number: 4





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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MAR 14 2012

Test Ticket

NO. 46036

4/10

BY: _____

Well Name & No. Gasper #1-7 Test No. 1 Date 3/14/12
 Company Baird Oil Company, LLC Elevation 2065 KB 2060 GL
 Address 113 W Main PO Box 428 Logan KS 67646
 Co. Rep / Geo. Richard Bell Rig W W #8
 Location: Sec. 7 Twp. 7s Rge. 19w Co. ROOKS State KS

Interval Tested 3231 - 3265 Zone Tested Toronto
 Anchor Length 34 Drill Pipe Run 3112 Mud Wt. 8.7
 Top Packer Depth 3226 Drill Collars Run 120 Vis 69
 Bottom Packer Depth 3231 Wt. Pipe Run --- WL 6.0
 Total Depth 3265 Chlorides 4000 ppm System LCM ---
 Blow Description FF - 2 in blow died back to 1 3/4
FST - No blow

FF - Very weak surface blow died in 12 min
FST - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>VSOCM</u>		<u>5</u>		<u>95</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

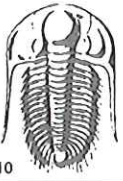
Rec Total 20 BHT 96 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1592 Test 1125 T-On Location 8:45
 (B) First Initial Flow 12 Jars _____ T-Started 9:05
 (C) First Final Flow 17 Safety Joint _____ T-Open 10:40
 (D) Initial Shut-In 747 Circ Sub _____ T-Pulled 13:40
 (E) Second Initial Flow 20 Hourly Standby _____ T-Out 15:05
 (F) Second Final Flow 24 Mileage 58x2 110 RT 1102.40 Comments _____
 (G) Final Shut-In 689 Sampler _____
 (H) Final Hydrostatic 1532 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1287.40
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1287.40

Initial Open 45
 Initial Shut-In 45
 Final Flow 45
 Final Shut-In 45

Approved By _____ Our Representative But D...

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MAR 14 2012

Test Ticket

NO. 46037

BY: _____

Well Name & No. Gasper #1-7 Test No. 2 Date 3/11/12
 Company Baird Oil Company, LLC Elevation 2065 KB 2060 GL
 Address 163 W Main PO Box 428 Logan KS 67646
 Co. Rep / Geo. Richard Bell Rig Ww #8
 Location: Sec. 7 Twp. 7 Rge. 19n Co. Rooks State KS

Interval Tested 3265 - 3290 Zone Tested KL "A"
 Anchor Length 25 Drill Pipe Run 3143 Mud Wt. 8.7
 Top Packer Depth 3260 Drill Collars Run 120 Vis 69
 Bottom Packer Depth 3265 Wt. Pipe Run — WL 6.0
 Total Depth 3290 Chlorides 1,000 ppm System LCM —
 Blow Description IF - 1 1/4 in died back to 1 in
ISF - No blow
FF - N b
FSF - N b

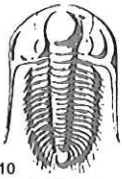
Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>oil spotted mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 97 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,586 Test 1125 T-On Location 20:20
 (B) First Initial Flow 12 Jars _____ T-Started 20:35
 (C) First Final Flow 25 Safety Joint _____ T-Open 22:10
 (D) Initial Shut-In 647 Circ Sub _____ T-Pulled 140
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 2:00
 (F) Second Final Flow 34 Mileage 58x2 162.40 Comments _____
 (G) Final Shut-In 591 Sampler _____
 (H) Final Hydrostatic 1,553 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total Ø
 Day Standby _____ Total 1287.40
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1287.40

Approved By _____ Our Representative Brit Dahn

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Test Ticket

NO. 46038

BY: _____

Well Name & No. Gasper # L-7 Test No. 3 Date 3/12/12
 Company Baird Oil Company, LLC Elevation 2065 KB 2060 GL
 Address 113 W Main PO Box 428 Logan KS 67646
 Co. Rep / Geo. Richard Bell Rig Ww #8
 Location: Sec. 7 Twp. 7 Rge. 19w Co. Rooks State KS

Interval Tested 3319 - 3340 Zone Tested kc"D"
 Anchor Length 21 Drill Pipe Run 3200 Mud Wt. 8.7
 Top Packer Depth 3314 Drill Collars Run 120 Vis 69
 Bottom Packer Depth 3319 Wt. Pipe Run — WL 6.0
 Total Depth 3340 Chlorides 4,000 ppm System LCM —
 Blow Description FF - weak surface blow died in 4 min
FSF - No blow
FF - —
FSF - —

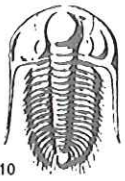
Rec	Feet of	%gas	%oil	%water	%mud
<u>1</u>	<u>Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 1 BHT 92 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1636 Test 1125' T-On Location 8:30
 (B) First Initial Flow 11 Jars _____ T-Started 8:30
 (C) First Final Flow 11 Safety Joint _____ T-Open 10:35
 (D) Initial Shut-In 13 Circ Sub _____ T-Pulled 11:05
 (E) Second Initial Flow _____ Hourly Standby _____ T-Out 12:30
 (F) Second Final Flow _____ Mileage 58x2 1122.40 Comments _____
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 1599 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 15 Day Standby _____ Total 1287.40
 Final Flow — Accessibility _____ MP/DST Disc't _____
 Final Shut-In — Sub Total 1287.40

Approved By _____ Our Representative Ben D...

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Test Ticket

NO. 46039

BY: _____

Well Name & No. Gasper #1-7 Test No. 4 Date 3/13/12
 Company Baird Oil Company, LLC Elevation 2065 KB 2080 GL
 Address 113 W Main PO Box 428 Logan KS 67646
 Co. Rep / Geo. Richard Bell Rig WW #8
 Location: Sec. 7 Twp. 7 Rge. 19W Co. Rooks State KS

Interval Tested 3522 - 3535 Zone Tested Marmaton
 Anchor Length 13 Drill Pipe Run 3393 Mud Wt. 9.1
 Top Packer Depth 3517 Drill Collars Run 120 Vis 46
 Bottom Packer Depth 3522 Wt. Pipe Run — WL 6.4
 Total Depth 3535 Chlorides 2,100 ppm System LCM —
 Blow Description RF - 3/4 in blow died back to 1/2 in blow
2SF - No blow
FF - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>SOCM</u>	<u>10</u>		<u>90</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 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1,798 Test 1125 T-On Location 3:00
 (B) First Initial Flow 14 Jars _____ T-Started 4:05
 (C) First Final Flow 17 Safety Joint _____ T-Open 6:05
 (D) Initial Shut-In 250 Circ Sub _____ T-Pulled 7:15
 (E) Second Initial Flow 19 Hourly Standby _____ T-Out 8:45
 (F) Second Final Flow _____ Mileage 58 x 4 = 324.80 Comments brick + loaded tools
 (G) Final Shut-In _____ Sampler _____
 (H) Final Hydrostatic 1,725 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1449.80
 Final Flow 10 Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 1449.80

Approved By _____ Our Representative But D...

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