

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company L.L.C**

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

32 6S 22W Graham KS

Lesh #1-32

Start Date: 2006.10.28 @ 00:47:05

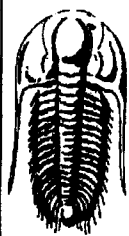
End Date: 2006.10.28 @ 08:31:18

Job Ticket #: 26571 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26571

DST#: 1

Test Start: 2006.10.28 @ 00:47:05

GENERAL INFORMATION:

Formation: **Lansing/ D**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 03:11:33

Time Test Ended: 08:31:18

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **06**

Interval: **3614.00 ft (KB) To 3640.00 ft (KB) (TVD)**

Total Depth: **3640.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **2322.00 ft (KB)**

2317.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6672 Inside

Press@RunDepth: **368.79 psig @ 3614.00 ft (KB)**

Start Date: **2006.10.28**

End Date:

2006.10.28

Capacity: **7000.00 psig**

Last Calib.: **2006.10.28**

Start Time: **00:47:05**

End Time:

08:31:18

Time On Btm: **2006.10.28 @ 03:10:48**

Time Off Btm: **2006.10.28 @ 05:38:48**

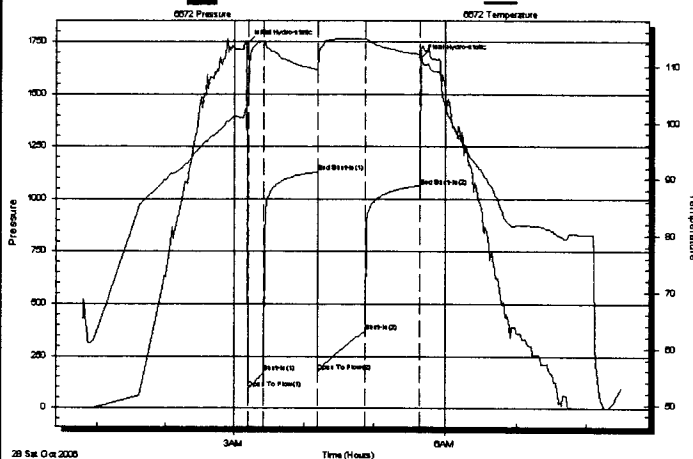
TEST COMMENT: **IF BOB in 4 min.**

ISI Return blow to 1/4 in.

FF BOB in 5 min.

IS Return blow to 7 in died to 4 in.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1740.10	102.57	Initial Hydro-static
1	91.34	103.93	Open To Flow (1)
15	168.39	114.39	Shut-In (1)
61	1127.86	109.45	End Shut-In (1)
61	174.27	109.23	Open To Flow (2)
102	368.79	114.88	Shut-In (2)
148	1060.42	112.10	End Shut-In (2)
149	1674.56	111.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	SaltWater 100%SW	0.61
310.00	MSW 10%M 90%SW	4.35
62.00	MOcSW 5%M 10%O 85%SW	0.87
124.00	OMcSW 10%O 10%M 80%SW	1.74
124.00	GOcM 5%G 10%O 85%M	1.74
30.00	Gas	0.42

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26571

DST#: 1

Test Start: 2006.10.28 @ 00:47:05

Tool Information

Drill Pipe:	Length: 3489.00 ft	Diameter: 3.80 inches	Volume: 48.94 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3614.00 ft			Final	50000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	24.00 ft				
Tool Length:	44.00 ft				
Number of Packers:	1	Diameter:	inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3599.00	
Hydraulic tool	5.00			3604.00	
Packer	5.00			3609.00	20.00 Bottom Of Top Packer
Packer	5.00			3614.00	
Recorder	0.00	6672	Inside	3614.00	
Perforations	19.00			3633.00	
Recorder	0.00	11020	Inside	3633.00	
Bullnose	5.00			3638.00	24.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26571

DST#: 1

ATTN: Gary Gensch

Test Start: 2006.10.28 @ 00:47:05

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 71.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	SaltWater 100%SW	0.610
310.00	MSW 10%M 90%SW	4.348
62.00	MOcSW 5%M 10%O 85%SW	0.870
124.00	OMcSW 10%O 10%M 80%SW	1.739
124.00	GOcM 5%G 10%O 85%M	1.739
30.00	Gas	0.421

Total Length: 774.00 ft

Total Volume: 9.727 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

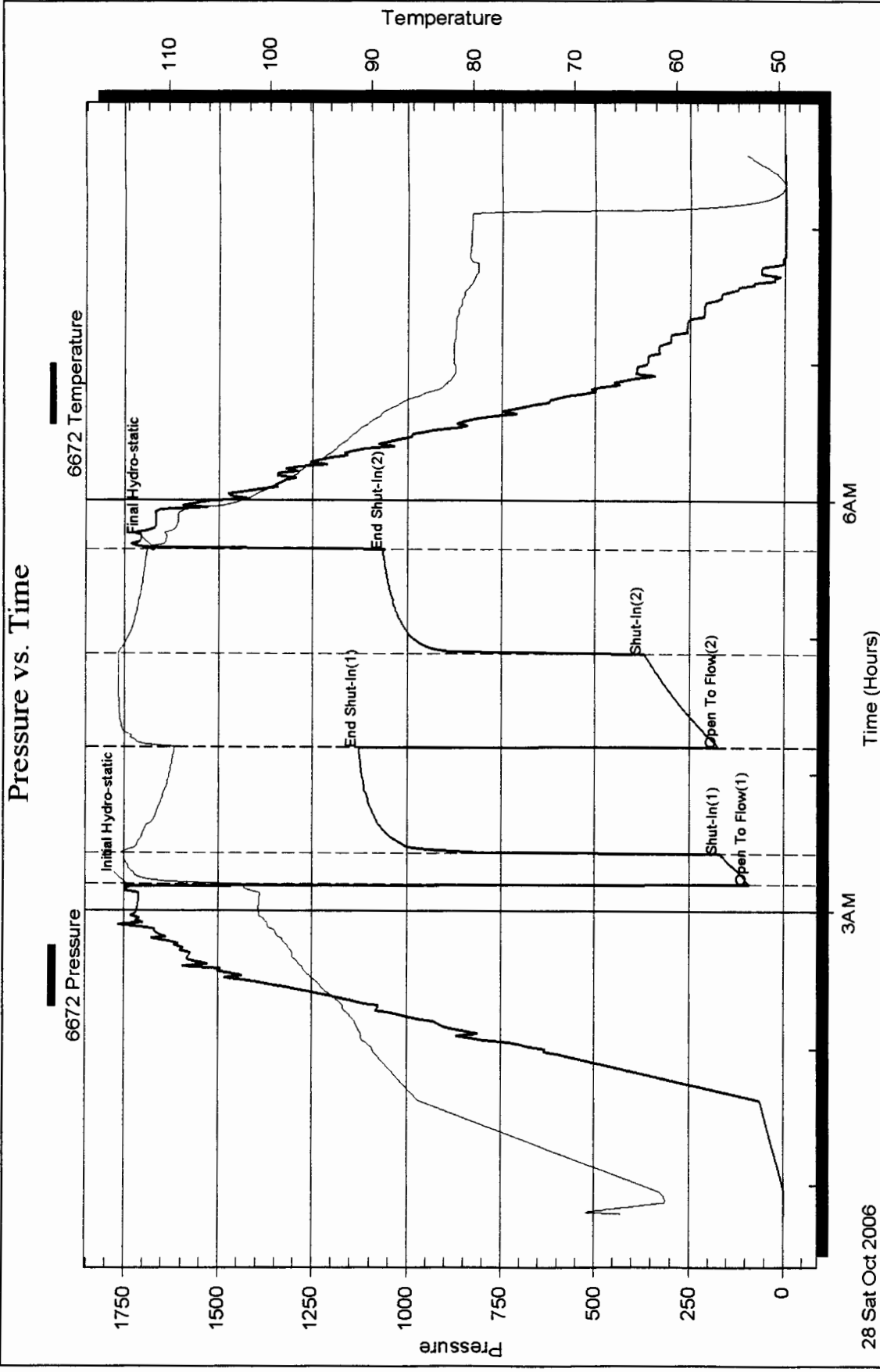
32 6S 22W Graham KS

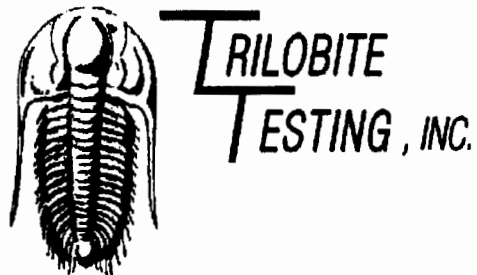
Baird Oil Company L.L.C

Inside

Serial #: 6672

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company L.L.C**

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

32 6S 22W Graham KS

Lesh #1-32

Start Date: 2006.10.28 @ 18:00:54

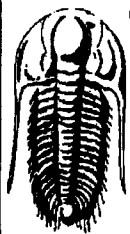
End Date: 2006.10.28 @ 21:57:37

Job Ticket #: 26572 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
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DRILL STEM TEST REPORT

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26572

DST#: 2

Test Start: 2006.10.28 @ 18:00:54

GENERAL INFORMATION:

Formation: **LKC/ 'F'**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 20:00:00

Time Test Ended: 21:57:37

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 06

Interval: **3639.00 ft (KB) To 3652.00 ft (KB) (TVD)**

Total Depth: 3652.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2322.00 ft (KB)

2317.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: psig @ 3639.00 ft (KB)

Start Date: 2006.10.28 End Date: 2006.10.28

Start Time: 18:00:54 End Time: 21:57:37

Capacity: 7000.00 psig

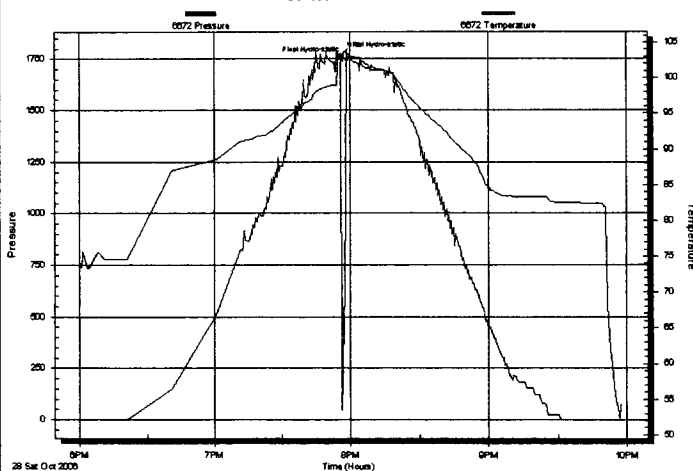
Last Calib.: 2006.10.28

Time On Btm: 2006.10.28 @ 19:55:52

Time Off Btm: 2006.10.28 @ 19:58:22

TEST COMMENT: Mis-Run

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1764.37	103.45	Initial Hydro-static
3	1741.99	103.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
402.00	Mud 100%M	4.51

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26572

DST#: 2

ATTN: Gary Gensch

Test Start: 2006.10.28 @ 18:00:54

Tool Information

Drill Pipe:	Length: 3516.00 ft	Diameter: 3.80 inches	Volume: 49.32 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	- bbl	Tool Chased 5.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3639.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	33.00 ft			
Number of Packers:	1	Diameter: inches		

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Shut In Tool	5.00			3624.00	
Hydraulic tool	5.00			3629.00	
Packer	5.00			3634.00	20.00 Bottom Of Top Packer
Packer	5.00			3639.00	
Recorder	0.00	6672	Inside	3639.00	
Perforations	8.00			3647.00	
Recorder	0.00	11020	Inside	3647.00	
Bullnose	5.00			3652.00	13.00 Bottom Packers & Anchor

Total Tool Length: 33.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26572

DST#: 2

ATTN: Gary Gensch

Test Start: 2006.10.28 @ 18:00:54

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
402.00	Mud 100%M	4.509

Total Length: 402.00 ft

Total Volume: 4.509 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

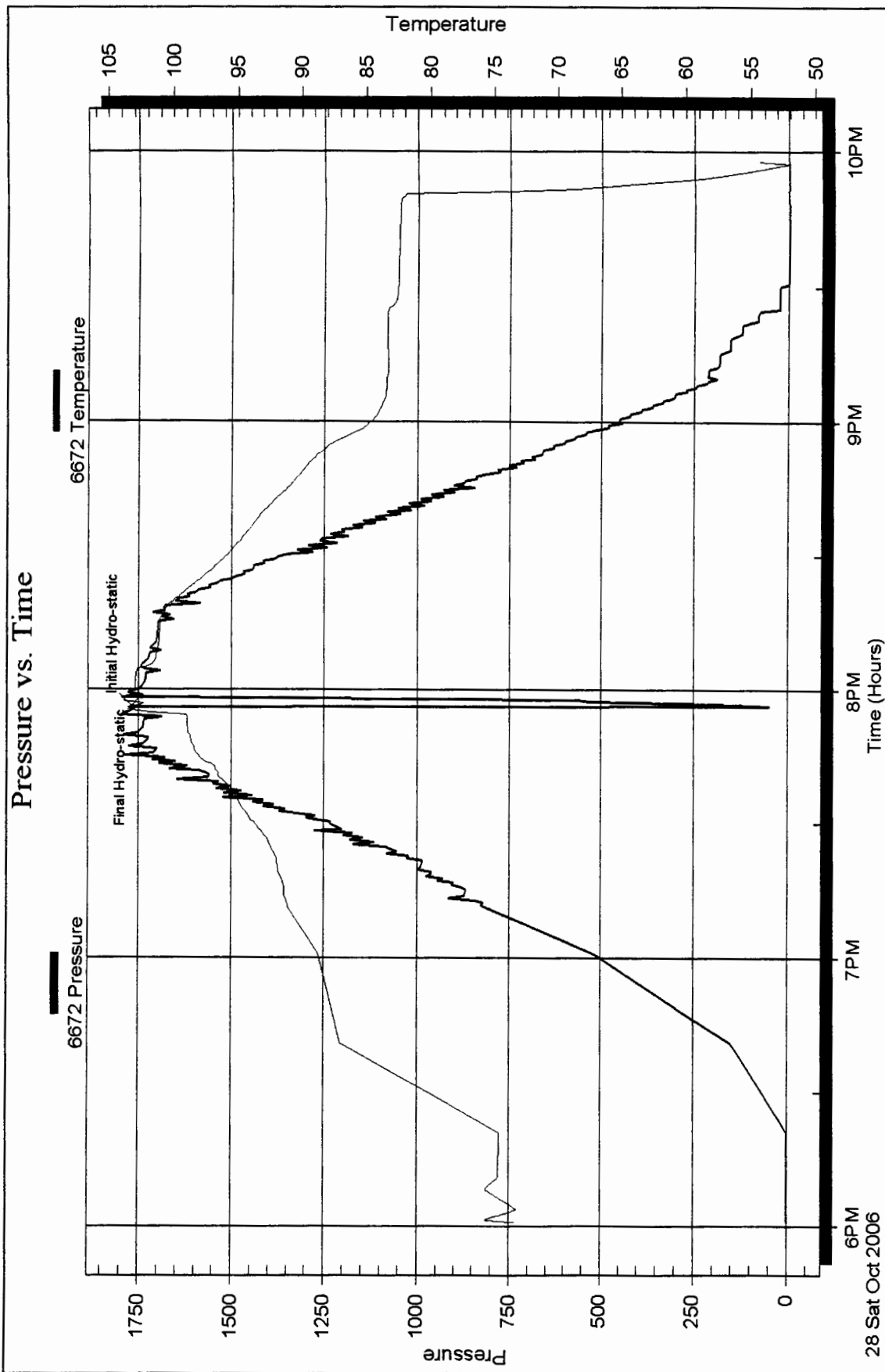
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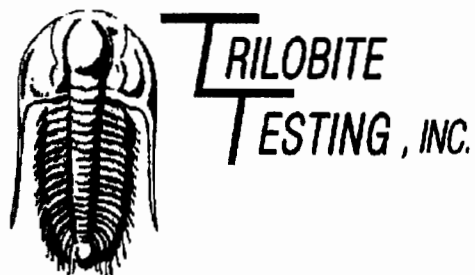
Inside

Baird Oil Company L.L.C

32 6S 22W Graham KS

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company L.L.C**

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

32 6S 22W Graham KS

Lesh #1-32

Start Date: 2006.10.28 @ 22:16:26

End Date: 2006.10.29 @ 05:10:54

Job Ticket #: 26573 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
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DRILL STEM TEST REPORT

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26573

DST#: 3

Test Start: 2006.10.28 @ 22:16:26

GENERAL INFORMATION:

Formation: **LKC/ F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:03:39

Time Test Ended: 05:10:54

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 06

Interval: **3636.00 ft (KB) To 3652.00 ft (KB) (TVD)**

Total Depth: 3652.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2322.00 ft (KB)

2317.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 24.65 psig @ 3636.00 ft (KB)

Start Date: 2006.10.28

End Date:

2006.10.29

Capacity: 7000.00 psig

Last Calib.: 2006.10.29

Start Time: 22:16:26

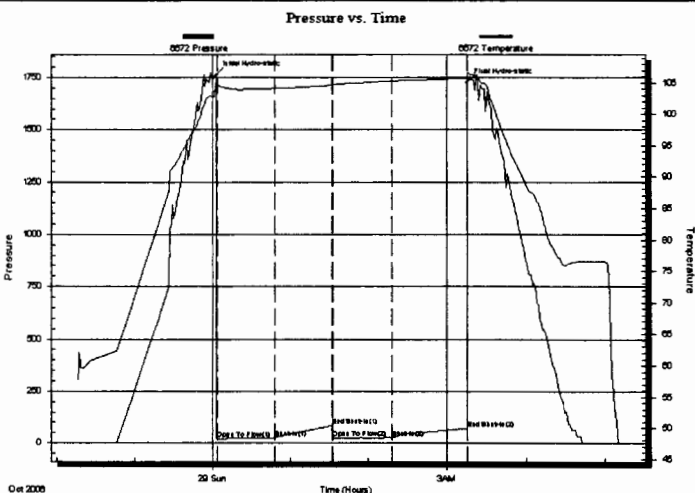
End Time:

05:10:54

Time On Btm: 2006.10.29 @ 00:03:09

Time Off Btm: 2006.10.29 @ 03:15:24

TEST COMMENT: IF Return blow to 1 3/4 in.
IS No return
FF Weak surface blow died off & on 30 min.
ISI No return



PRESSURE SUMMARY

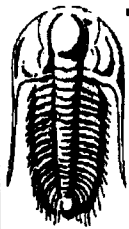
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1762.42	105.23	Initial Hydro-static
1	19.11	104.87	Open To Flow (1)
45	23.02	104.13	Shut-In(1)
89	83.78	104.59	End Shut-In(1)
90	24.92	104.66	Open To Flow (2)
136	24.65	105.29	Shut-In(2)
192	70.59	105.78	End Shut-In(2)
193	1725.42	106.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	OcM 5%O 95%M	0.02

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26573

DST#: 3

ATTN: Gary Gensch

Test Start: 2006.10.28 @ 22:16:26

Tool Information

Drill Pipe:	Length: 3517.00 ft	Diameter: 3.80 inches	Volume: 49.33 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	66000.00 lb
		Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3636.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	16.00 ft				
Tool Length:	36.00 ft				
Number of Packers:	1	Diameter:	inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3621.00	
Hydraulic tool	5.00			3626.00	
Packer	5.00			3631.00	20.00 Bottom Of Top Packer
Packer	5.00			3636.00	
Recorder	0.00	6672	Inside	3636.00	
Perforations	11.00			3647.00	
Recorder	0.00	11020	Inside	3647.00	
Bullnose	5.00			3652.00	16.00 Bottom Packers & Anchor

Total Tool Length: 36.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26573

DST#: 3

ATTN: Gary Gensch

Test Start: 2006.10.28 @ 22:16:26

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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	OcM 5%O 95%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:

DST Test Number: 3

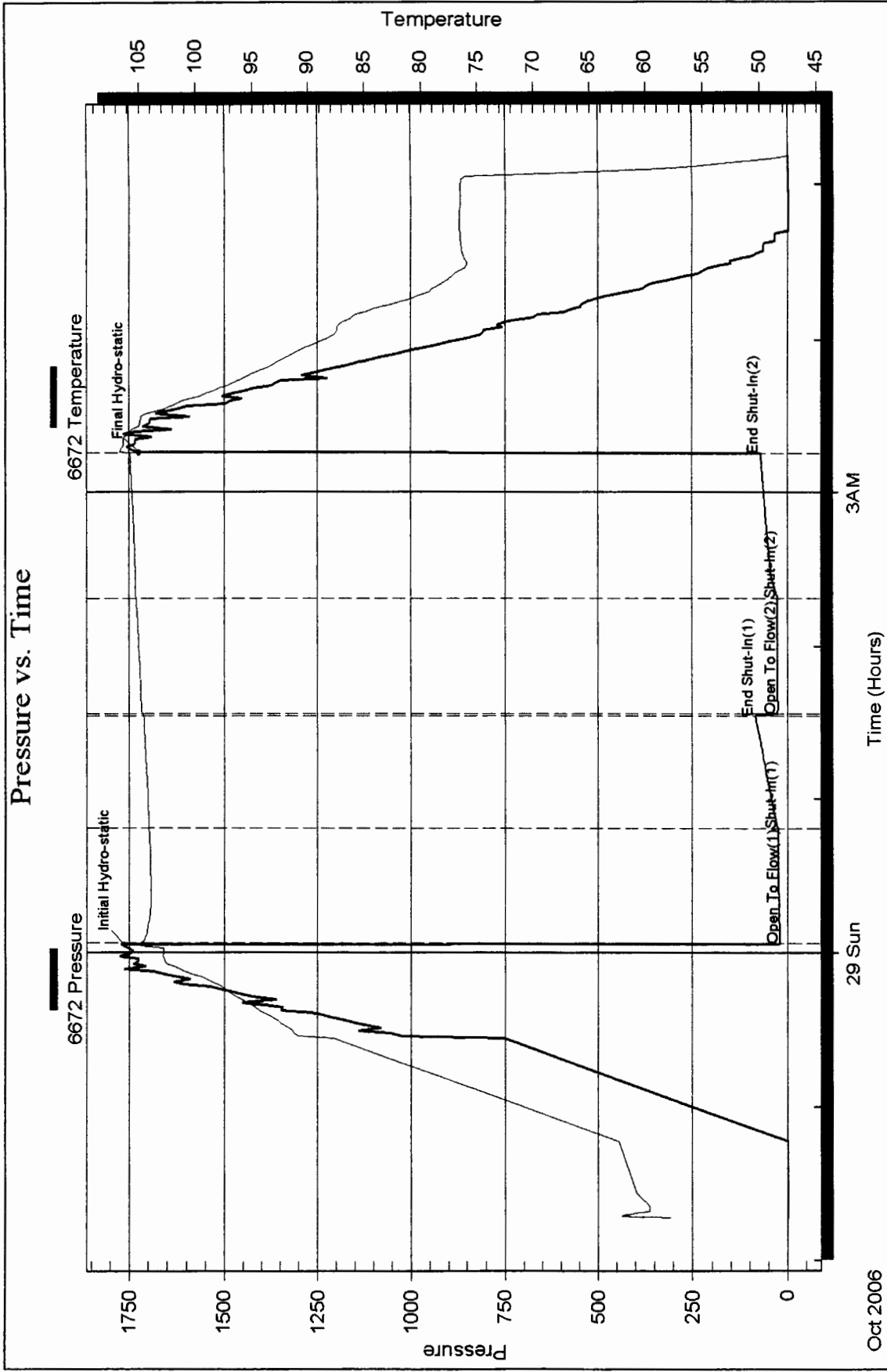
32 6S 22W Graham KS

Baird Oil Company L.L.C

Inside

Serial #: 6672

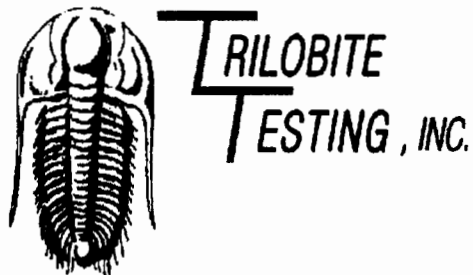
Pressure vs. Time



Ref. No: 26573

Trilobite Testing, Inc

Printed: 2006.11.01 @ 13:58:44 Page 5



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company L.L.C**

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

32 6S 22W Graham KS

Lesh #1-32

Start Date: 2006.10.29 @ 13:30:00

End Date: 2006.10.29 @ 19:48:58

Job Ticket #: 26574 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26574

DST#: 4

Test Start: 2006.10.29 @ 13:30:00

GENERAL INFORMATION:

Formation: **LKC/ H**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 15:07:13

Time Test Ended: 19:48:58

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **06**

Interval: **3674.00 ft (KB) To 3709.00 ft (KB) (TVD)**

Total Depth: **3709.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **2322.00 ft (KB)**

2317.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6672

Inside

Press@RunDepth: **48.13 psig @ 3674.00 ft (KB)**

Start Date: **2006.10.29**

End Date:

2006.10.29

Capacity: **7000.00 psig**

Last Calib.: **2006.10.29**

Start Time: **13:30:00**

End Time:

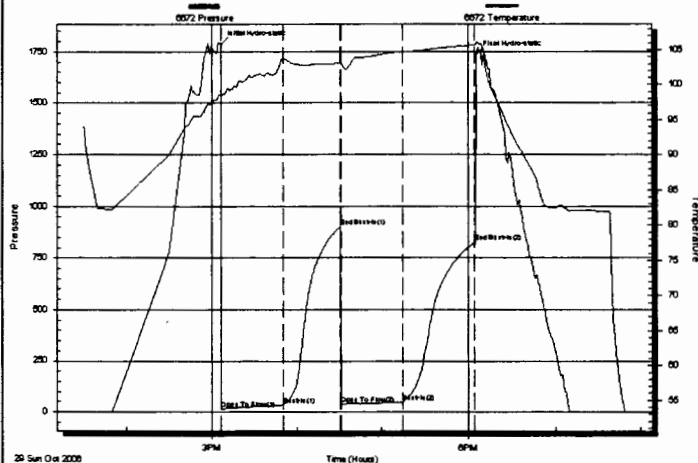
19:48:58

Time On Btm: **2006.10.29 @ 15:06:58**

Time Off Btm: **2006.10.29 @ 18:05:13**

TEST COMMENT: IF Return blow to 2 in.
IS No return
FF Return blow to 1 1/2 in.
ISI No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1784.54	98.53	Initial Hydro-static
1	13.48	98.28	Open To Flow (1)
44	34.02	103.72	Shut-In (1)
84	901.96	103.06	End Shut-In (1)
85	37.14	102.92	Open To Flow (2)
128	48.13	104.77	Shut-In (2)
178	823.87	105.69	End Shut-In (2)
179	1735.03	105.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OcM 20%O 80%M	0.30
10.00	McO 10%M 90%O	0.05

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26574

DST#: 4

ATTN: Gary Gensch

Test Start: 2006.10.29 @ 13:30:00

Tool Information

Drill Pipe:	Length: 3553.00 ft	Diameter: 3.80 inches	Volume: 49.84 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	- bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3674.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	1	Diameter:	inches	
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3659.00	
Hydraulic tool	5.00			3664.00	
Packer	5.00			3669.00	20.00 Bottom Of Top Packer
Packer	5.00			3674.00	
Recorder	0.00	6672	Inside	3674.00	
Perforations	30.00			3704.00	
Recorder	0.00	11020	Inside	3704.00	
Bullnose	5.00			3709.00	35.00 Bottom Packers & Anchor

Total Tool Length: 55.00



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TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26574

DST#: 4

ATTN: Gary Gensch

Test Start: 2006.10.29 @ 13:30:00

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OcM 20%O 80%M	0.295
10.00	McO 10%M 90%O	0.049

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

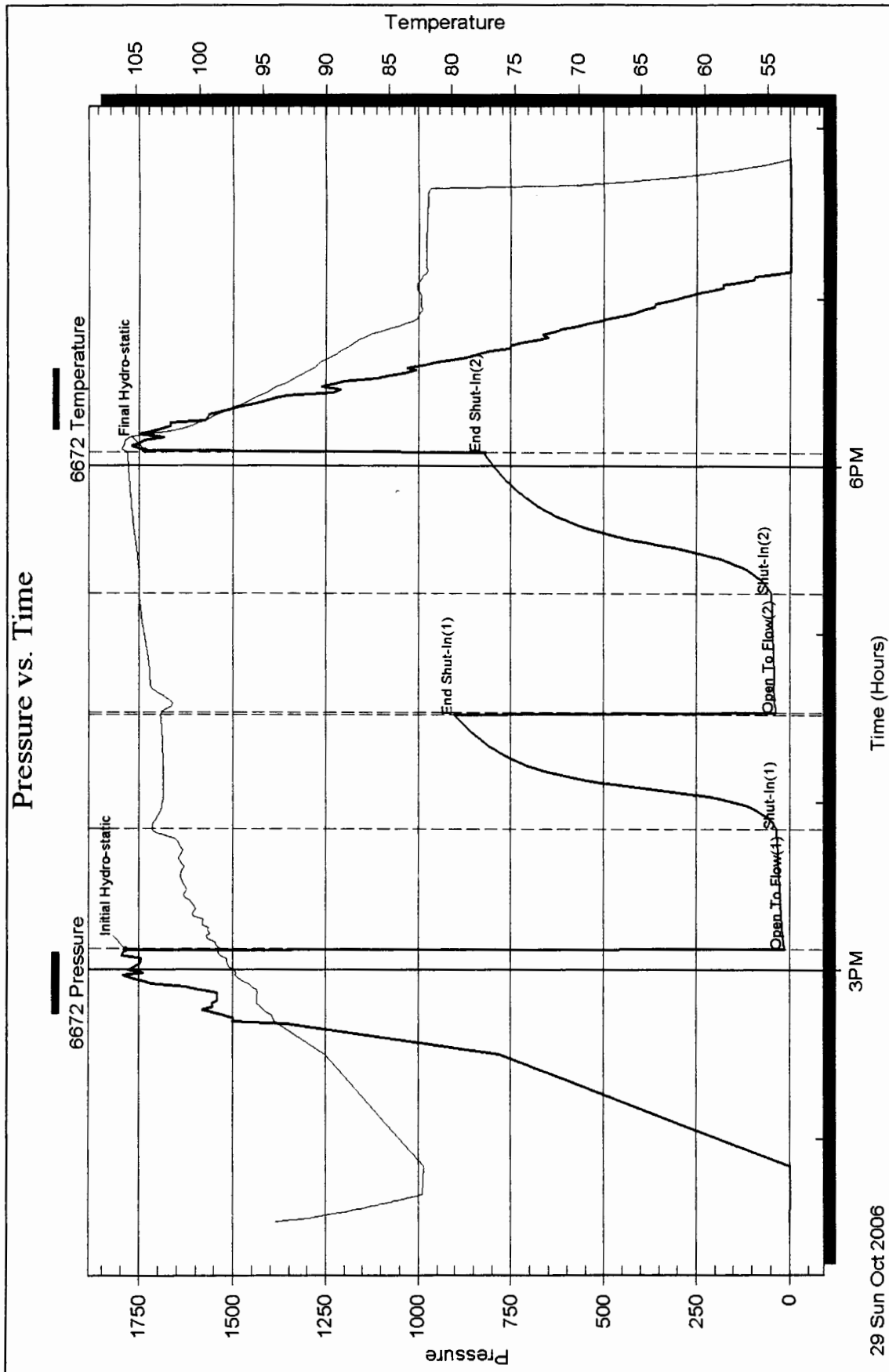
32 6S 22W Graham KS

Baird Oil Company L.L.C

Inside

Serial #: 6672

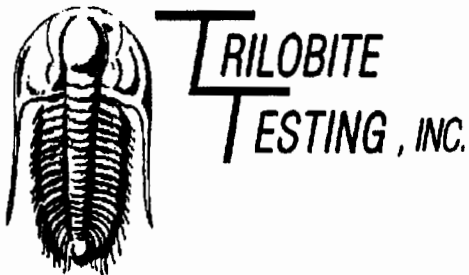
Pressure vs. Time



Ref. No: 26574

Trilobite Testing, Inc

Printed: 2006.11.01 @ 13:59:07 Page 5



DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company L.L.C**

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

32 6S 22W Graham KS

Lesh #1-32

Start Date: 2006.10.30 @ 03:09:40

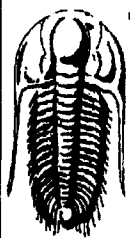
End Date: 2006.10.30 @ 07:29:23

Job Ticket #: 26575 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26575

DST#: 5

Test Start: 2006.10.30 @ 03:09:40

GENERAL INFORMATION:

Formation: **LKC/I**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 05:35:00

Time Test Ended: 07:29:23

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **06**

Interval: **3707.00 ft (KB) To 3722.00 ft (KB) (TVD)**

Total Depth: **3722.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **2322.00 ft (KB)**

2317.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6672

Inside

Press@RunDepth: **psig @ 3707.00 ft (KB)**

Start Date: **2006.10.30**

End Date:

2006.10.30

Capacity: **7000.00 psig**

Last Calib.: **2006.10.30**

Start Time: **03:09:40**

End Time:

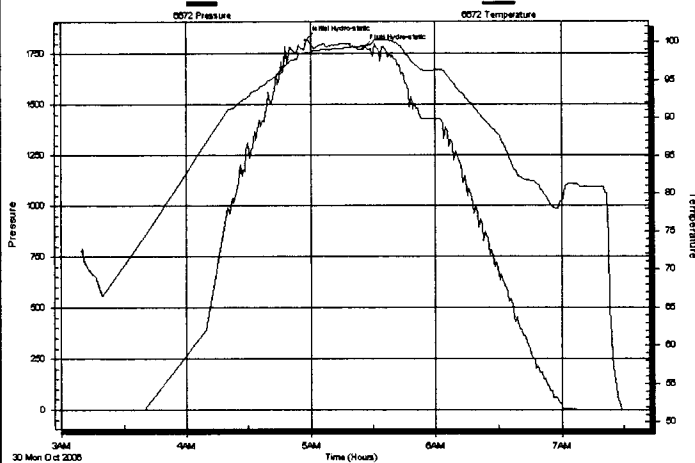
07:29:23

Time On Btm: **2006.10.30 @ 04:57:38**

Time Off Btm: **2006.10.30 @ 05:25:23**

TEST COMMENT: IF Weak surface blow died in 15 min.
IS Would not turn pull out

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1817.17	98.59	Initial Hydro-static
28	1774.31	99.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26575

DST#: 5

ATTN: Gary Gensch

Test Start: 2006.10.30 @ 03:09:40

Tool Information

Drill Pipe:	Length: 3583.00 ft	Diameter: 3.80 inches	Volume: 50.26 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	46000.00 lb
Depth to Top Packer:	3707.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	35.00 ft				
Number of Packers:	1	Diameter:	inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3692.00	
Hydraulic tool	5.00			3697.00	
Packer	5.00			3702.00	20.00 Bottom Of Top Packer
Packer	5.00			3707.00	
Recorder	0.00	6672	Inside	3707.00	
Perforations	10.00			3717.00	
Recorder	0.00	11020	Inside	3717.00	
Bullnose	5.00			3722.00	15.00 Bottom Packers & Anchor

Total Tool Length: 35.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 GS 22W Graham KS

Job Ticket: 26575

DST#: 5

ATTN: Gary Gensch

Test Start: 2006.10.30 @ 03:09:40

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00		0.000

Total Length:

ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 5

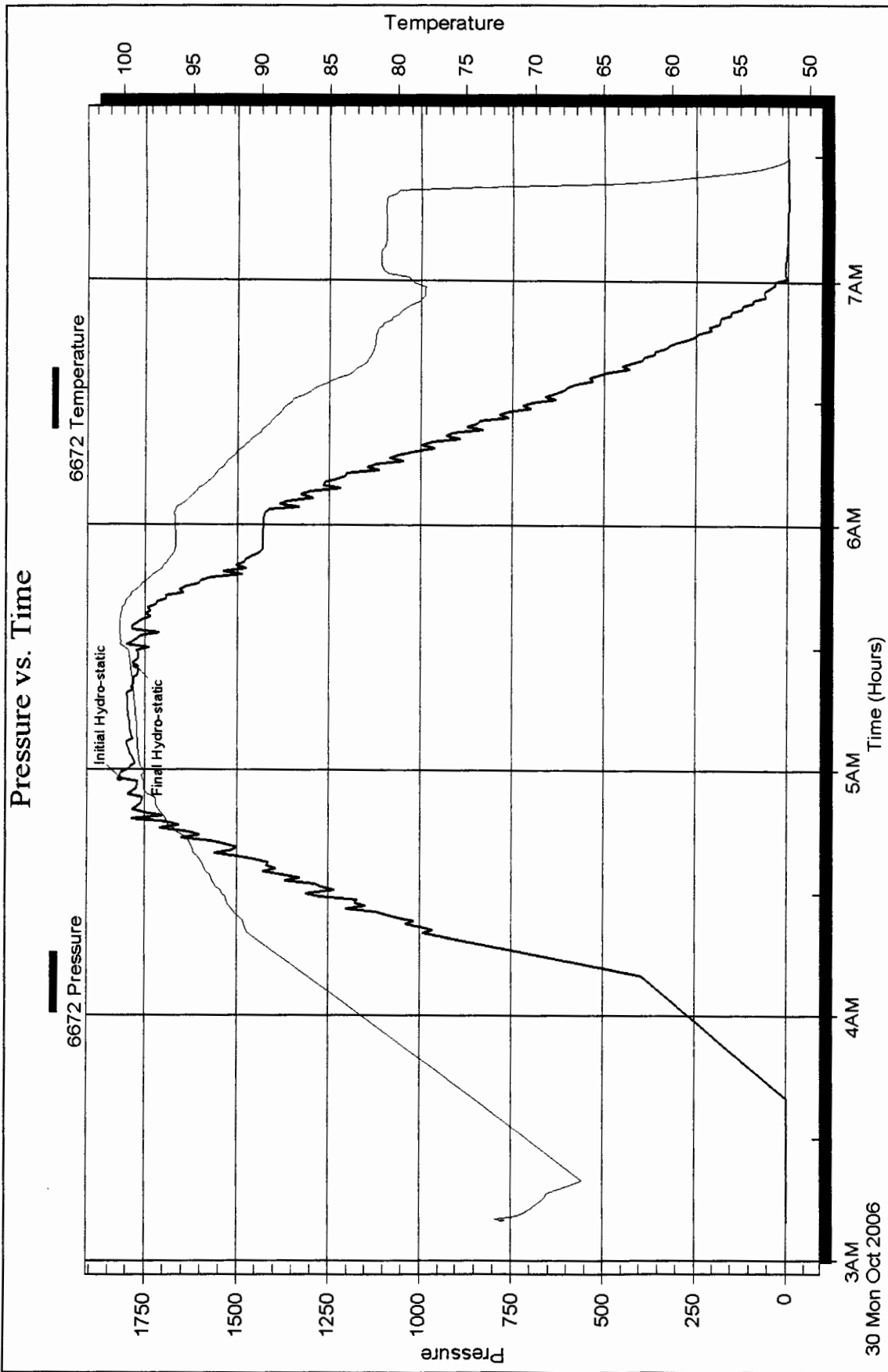
32 6S 22W Graham KS

Beird Oil Company L.L.C

Inside

Serial #: 6672

Pressure vs. Time



Ref. No: 26575

Trilobite Testing, Inc

Printed: 2006.11.01 @ 13:59:26 Page 5



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company L.L.C**

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

32 6S 22W Graham KS

Lesh #1-32

Start Date: 2006.10.30 @ 10:16:49

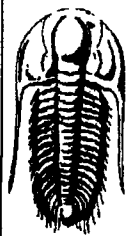
End Date: 2006.10.30 @ 14:20:32

Job Ticket #: 26001 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26001

DST#: 6

Test Start: 2006.10.30 @ 10:16:49

GENERAL INFORMATION:

Formation: **LKC/I**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 12:10:17

Time Test Ended: 14:20:32

Test Type: **Conventional Bottom Hole**

Tester: **Michael Shinn**

Unit No: **06**

Interval: **3705.00 ft (KB) To 3722.00 ft (KB) (TVD)**

Total Depth: **3722.00 ft (KB) (TVD)**

Hole Diameter: **7.80 inches** Hole Condition: **Fair**

Reference Elevations: **2322.00 ft (KB)**

2317.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: 6672 **Inside**

Press@RunDepth: **12.19 psig @ 3705.00 ft (KB)**

Start Date: **2006.10.30**

End Date:

2006.10.30

Start Time: **10:16:49**

End Time:

14:20:32

Capacity: **7000.00 psig**

Last Calib.: **2006.10.30**

Time On Btm: **2006.10.30 @ 11:56:32**

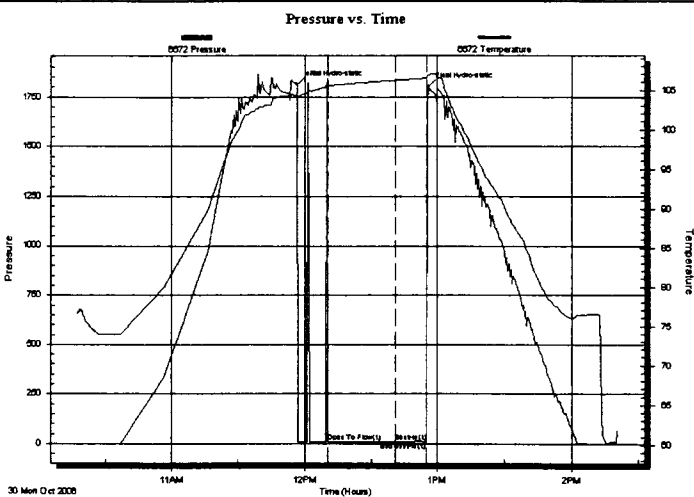
Time Off Btm: **2006.10.30 @ 12:56:02**

TEST COMMENT: **IF Weak surface blow died in 10 min.**

IS No return

FF Pulled out

ISI



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1812.18	104.36	Initial Hydro-static
14	11.47	105.47	Open To Flow (1)
45	12.19	106.24	Shut-In (1)
59	11.28	106.50	End Shut-In (1)
60	1803.88	106.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1.00	WcM 10%W 90%M	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26001

DST#: 6

Test Start: 2006.10.30 @ 10:16:49

Tool Information

Drill Pipe:	Length: 3707.00 ft	Diameter: 3.80 inches	Volume: 52.00 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 52.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3705.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	1	Diameter: inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3690.00	
Hydraulic tool	5.00			3695.00	
Packer	5.00			3700.00	20.00 Bottom Of Top Packer
Packer	5.00			3705.00	
Recorder	0.00	6672	Inside	3705.00	
Perforations	12.00			3717.00	
Recorder	0.00	11020	Inside	3717.00	
Bullnose	5.00			3722.00	17.00 Bottom Packers & Anchor

Total Tool Length: 37.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26001

DST#: 6

ATTN: Gary Gensch

Test Start: 2006.10.30 @ 10:16:49

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: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	WcM 10%W 90%M	0.014

Total Length: 1.00 ft Total Volume: 0.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 6

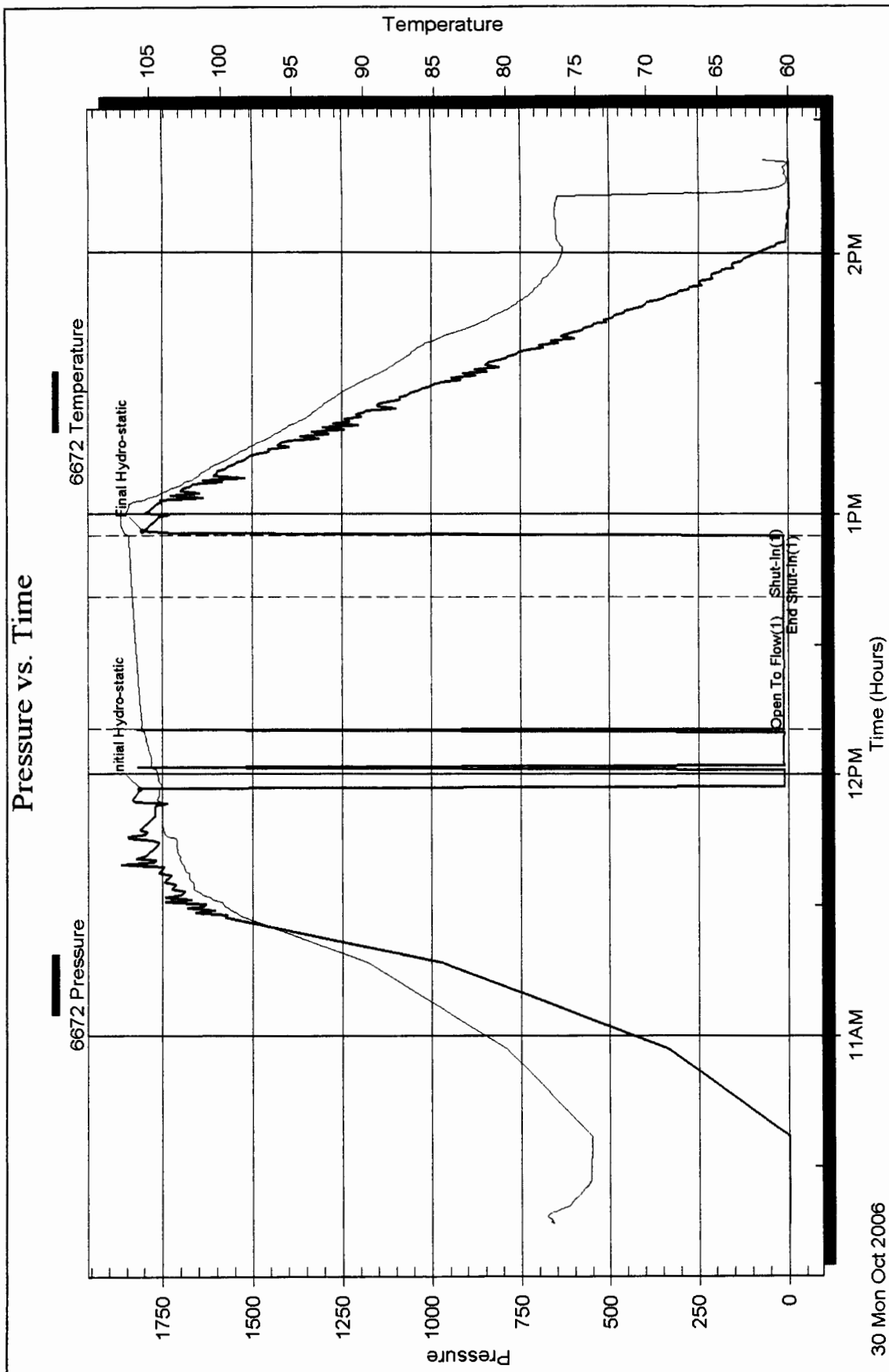
32 6S 22W Graham KS

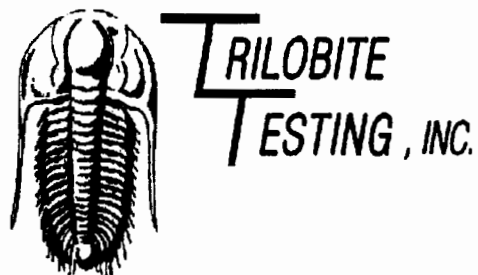
Baird Oil Company LLC

Inside

Serial #: 6672

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Baird Oil Company L.L.C**

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

32 6S 22W Graham KS

Lesh #1-32

Start Date: 2006.10.31 @ 08:58:22

End Date: 2006.10.31 @ 16:22:50

Job Ticket #: 26002 DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Baird Oil Company L.L.C

PO Box 428
Logan KS 67646

ATTN: Gary Gensch

Lesh #1-32

32 6S 22W Graham KS

Job Ticket: 26002

DST#: 7

Test Start: 2006.10.31 @ 08:58:22

GENERAL INFORMATION:

Formation: **Lansing/ C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:40:50

Time Test Ended: 16:22:50

Test Type: Conventional Bottom Hole

Tester: Michael Shinn

Unit No: 06

Interval: **3588.00 ft (KB) To 3616.00 ft (KB) (TVD)**

Total Depth: 3820.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2322.00 ft (KB)

2317.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 530.48 psig @ 3588.00 ft (KB)

Start Date: 2006.10.31

End Date:

2006.10.31

Capacity: 7000.00 psig

Last Calib.: 2006.10.31

Start Time: 08:58:22

End Time:

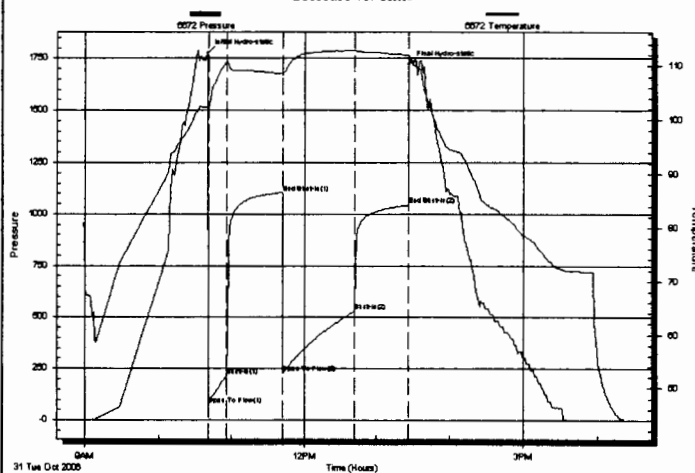
16:22:50

Time On Btm: 2006.10.31 @ 10:40:20

Time Off Btm: 2006.10.31 @ 13:26:50

TEST COMMENT: IF BOB in 2 min.
ISI Return blow to 3/4 in.
FF BOB in 4 min.
ISI BOB in 32 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1776.38	102.43	Initial Hydro-static
1	73.00	102.27	Open To Flow (1)
16	215.14	110.72	Shut-In (1)
62	1099.45	108.54	End Shut-In (1)
62	226.27	108.30	Open To Flow (2)
122	530.48	112.92	Shut-In (2)
166	1043.28	112.00	End Shut-In (2)
167	1719.95	112.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
620.00	Salt Water 100% SW	7.57
186.00	OSWCM 5% O 10% SW 85% M	2.61
124.00	OcM 15% O 85% M	1.74
124.00	McO 20% M 80% O	1.74
124.00	Free Oil	1.74
186.00	Gas	2.61

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26002

DST#: 7

ATTN: Gary Gensch

Test Start: 2006.10.31 @ 08:58:22

Tool Information

Drill Pipe:	Length: 3475.00 ft	Diameter: 3.80 inches	Volume: 48.75 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	- bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3588.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.00 ft			
Tool Length:	48.00 ft			
Number of Packers:	1	Diameter: inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3573.00	
Hydraulic tool	5.00			3578.00	
Packer	5.00			3583.00	20.00 Bottom Of Top Packer
Packer	5.00			3588.00	
Recorder	0.00	6672	Inside	3588.00	
Perforations	23.00			3611.00	
Recorder	0.00	11020	Inside	3611.00	
Bullnose	5.00			3616.00	28.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil Company L.L.C

Lesh #1-32

PO Box 428
Logan KS 67646

32 6S 22W Graham KS

Job Ticket: 26002

DST#: 7

ATTN: Gary Gensch

Test Start: 2006.10.31 @ 08:58:22

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:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
620.00	SaltWater 100%SW	7.567
186.00	OSWCM 5%O 10%SW 85%M	2.609
124.00	OcM 15%O 85%M	1.739
124.00	McO 20%M 80%O	1.739
124.00	Free Oil	1.739
186.00	Gas	2.609

Total Length: 1364.00 ft

Total Volume: 18.002 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

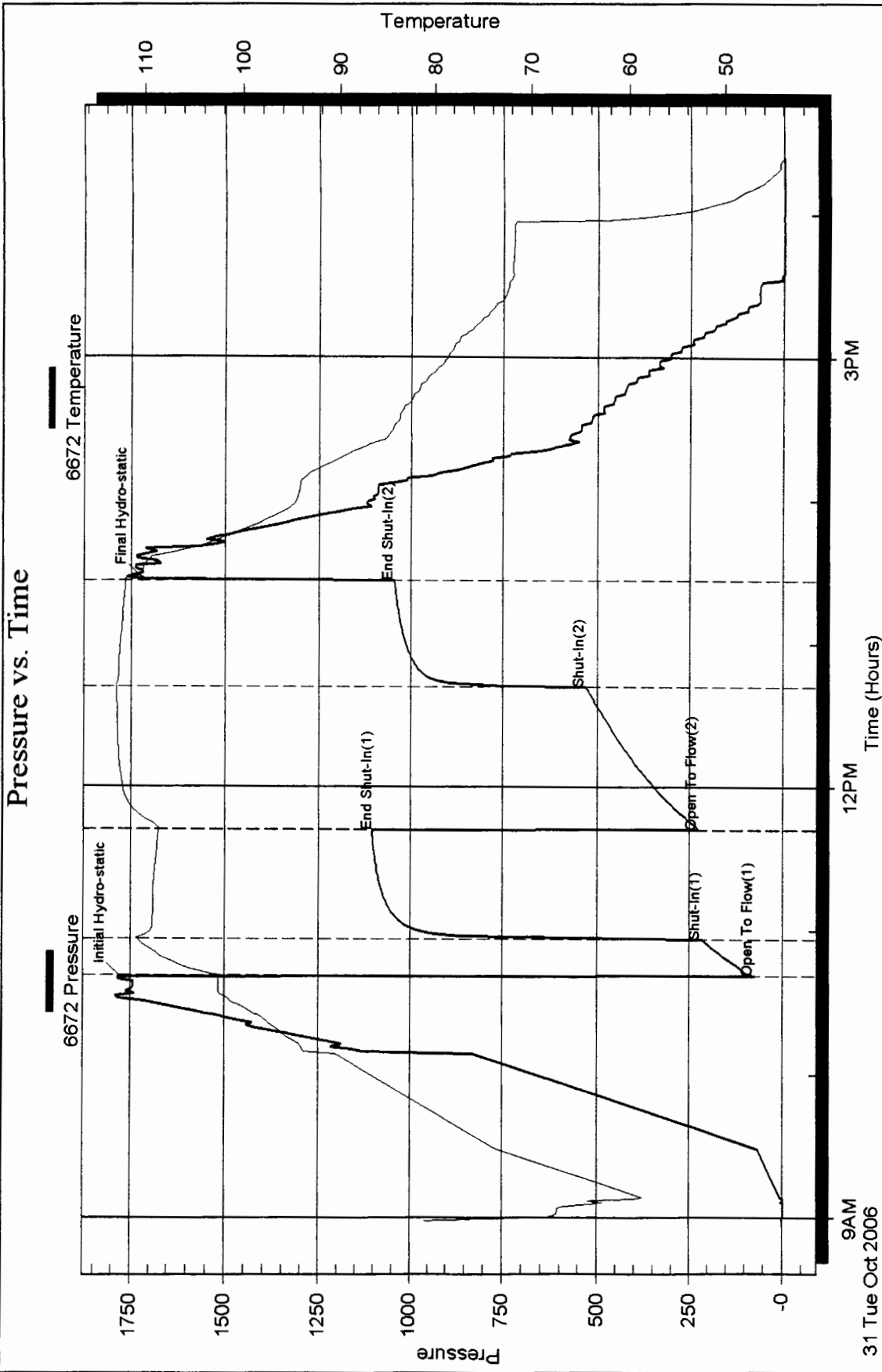
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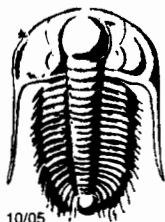
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26571

9454 ✓

Test Ticket

Well Name & No. <u>Lesch #1-32</u>	Test No. <u>1</u>	Date <u>10-28-06</u>
Company <u>Gray O. Company LLC</u>	Zone Tested <u>Lesch #1-32</u>	
Address <u>P.O. Box 428 Logan, KS 67646</u>	Elevation <u>2322</u> KB <u>2312</u> GL	
Co. Rep / Geo. <u>Gray Gensch</u>	Rig <u>W.W. Pilling Rg #6</u>	
Location: Sec. <u>32</u> Twp. <u>6S</u> Rge. <u>22W</u> Co. <u>Gravens</u> State <u>KS</u>		
Comment: _____	Release date / time: _____	

Interval Tested 3614' 3640' Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 50,000
 Anchor Length 24' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 70,000
 Top Packer Depth 3609' Tool Weight 1500
 Bottom Packer Depth 3614' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3640' Wt. Pipe Run ✓ Drill Collar Run 124' XH
 Mud Wt. 9.1 LCM Trace Vis. 50 WL 2.2 Drill Pipe Size 4 1/2 XH Ft. Run 3489' XH

Blow Description IF, 13.0.13 in 4 min.
IS, Return blow to 4 in.
FF, 13.0.13 in 5 min.
ES, Return blow to 7 in, died to 4 in.

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>124'</u>	Feet of <u>90cm</u>	5 %gas <u>10</u> %oil <u>85</u> %water <u>85</u> %mud	
Rec. <u>124'</u>	Feet of <u>210cm</u>	%gas <u>10</u> %oil <u>80</u> %water <u>10</u> %mud	
Rec. <u>62'</u>	Feet of <u>110cm</u>	%gas <u>10</u> %oil <u>85</u> %water <u>5</u> %mud	
Rec. <u>310'</u>	Feet of <u>115W</u>	%gas <u>90</u> %oil <u>10</u> %water <u>10</u> %mud	
Rec. <u>124'</u>	Feet of <u>Salt Water</u>	%gas <u>100</u> %oil <u>0</u> %water <u>0</u> %mud	

BHT 113 °F Gravity _____ °API D @ _____ °F Corrected Gravity _____ °API
 RW 1.24 @ 50 °F Chlorides 34000 ppm Recovery _____ Chlorides 1100 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1740</u>	PSI	<u>6672</u>	<u>X #1100.00</u>
(B) First Initial Flow Pressure	<u>91</u>	PSI	(depth) <u>3614'</u>	Jars _____
(C) First Final Flow Pressure	<u>168</u>	PSI	Recorder No. _____	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>1128</u>	PSI	(depth) _____	Circ Sub <u>X #N/C</u>
(E) Second Initial Flow Pressure	<u>174</u>	PSI	Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure	<u>369</u>	PSI	(depth) <u>3635'</u>	Straddle _____
(G) Final Shut-In Pressure	<u>1060</u>	PSI	Initial Opening <u>15</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1675</u>	PSI	Initial Shut-In <u>45</u>	Shale Packer _____

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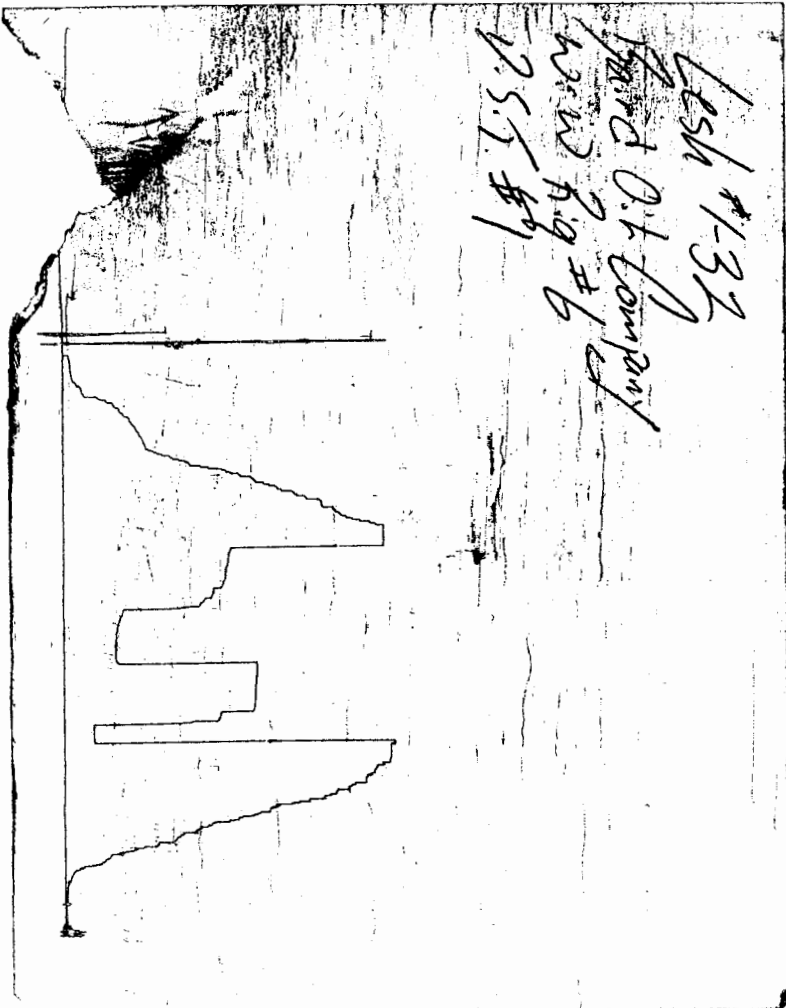
Approved By Gray Gensch
 Our Representative _____

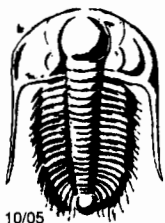
Final Flow 45
 Final Shut-In 45
 T-On Location 12:00 a.m.
 T-Started 01:30 a.m.
 T-Open 03:50 a.m.
 T-Pulled 06:20 a.m.
 T-Out 09:15 a.m.

Test X #1100.00
 Jars _____
 Safety Jt. _____
 Circ Sub X #N/C
 Sampler _____
 Straddle _____
 Ext. Packer _____
 Shale Packer _____
 Ruined Packer _____
 Mileage 144 180
 Sub Total: _____
 Std. By 125 125
 Acc. Cha: _____
 Other: _____
 Total: \$1405

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





10/05

**TRILOBITE
TESTING INC.**

P.O. Box 362 • Hays, Kansas 67601

26572

Test Ticket

Well Name & No. <u>Lesh # 1-32</u>	Test No. <u>2</u>	Date <u>10/28/06</u>
Company <u>Quigg Oil Company L.L.C.</u>	Zone Tested <u>LKC / "V"</u>	
Address <u>170.1704 428 Logan, KS 67646</u>	Elevation <u>2322</u> KB <u>2317</u> GL	
Co. Rep / Geo. <u>Kary Gensch</u>	Rig <u>W:W Rig #6</u>	
Location: Sec. <u>32</u> Twp. <u>6S</u> Rge. <u>22W</u> Co. <u>Graham</u> State <u>KS</u>		
Comment: <u>Trick Slide 5' to bottom!</u>	Release date / time:	

Interval Tested <u>3639'</u>	<u>3652'</u> Initial Str Wt./Lbs. <u>46,000</u>	Unseated Str Wt./Lbs. <u>52,000</u>
Anchor Length <u>13'</u>	Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>70,000</u>
Top Packer Depth <u>3634'</u>	Tool Weight <u>1500</u>	
Bottom Packer Depth <u>3639'</u>	Hole Size <u>7 7/8"</u> ✓	Rubber Size <u>6 3/4"</u> ✓
Total Depth <u>3652'</u>	Wt. Pipe Run	Drill Collar Run <u>124' 4 1/2"</u>
Mud Wt. <u>9.2</u> LCM <u>Trick</u> Vis. <u>56</u> WL <u>6.4</u>	Drill Pipe Size <u>4 1/2 FH</u>	Ft. Run <u>3516'</u>
Blow Description <u>IF, Mis-Run!</u>		

Recovery - Total Feet <u>402'</u>	GIP	Ft. in DC	Ft. in DP
Rec. <u>402'</u>	Feet of <u>noted</u>	%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.	Feet of	%gas	%oil %water %mud
BHT	°F Gravity	°API D @	°F Corrected Gravity °API
RW	@	°F Chlorides	ppm Recovery Chlorides <u>1600</u> ppm System

(A) Initial Hydrostatic Mud	AK-1	Alpine	Recorder No. <u>1764</u> PSI	Test <u>x 900 02</u>
(B) First Initial Flow Pressure			(depth) <u>3639'</u>	Jars
(C) First Final Flow Pressure			Recorder No.	Safety Jt.
(D) Initial Shut-In Pressure			(depth)	Circ Sub <u>x N/C</u>
(E) Second Initial Flow Pressure			Recorder No. <u>11020</u>	Sampler
(F) Second Final Flow Pressure			(depth) <u>3642'</u>	Straddle
(G) Final Shut-In Pressure			Initial Opening	Ext. Packer
(Q) Final Hydrostatic Mud			Initial Shut-In	Shale Packer

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.

Approved By _____
Our Representative [Signature]

T-On Location 17:30 p.m.
T-Started 18:05 p.m.
T-Open 20:00 p.m.
T-Pulled 20:05 p.m.
T-Out 22:05 p.m.

Mileage 414 1800
Sub Total: 2200
Std. By
Acc. Chg: \$1080
Other:
Total:



26573

Well Name & No. Leslie #1-32 Test No. 3 Date 10-28-06
Company Baird Oil Company L.L.C. Zone Tested LSC / "F"
Address P.O. Box 428 Logan, KS 67646 Elevation 2322 KB 2317 GL
Co. Rep / Geo. Gary Gensch Rig W:W Pulling Rig #6
Location: Sec. 32 Twp. 6S Rge. 23W Co. Graham State KS
Comment: _____ Release date / time: _____

Interval Tested	3636'	3652	Initial Str Wt./Lbs.	45000	Unseated Str Wt./Lbs.	46000
Anchor Length	16'		Wt. Set Lbs.	25000	Wt. Pulled Loose/Lbs.	66000
Top Packer Depth	3631'		Tool Weight	4500		
Bottom Packer Depth	3636'		Hole Size 7 7/8"	✓	Rubber Size 6 3/4"	✓
Total Depth	3652'		Wt. Pipe Run	✓	Drill Collar Run	124' 4 1/2" H
Mud Wt.	9.2 LCM	Trace	Vis.	56	WL	6.4
Blow Description	1 1/2" return below to 1 3/4" in					

IS: No Return
KF: weak surface blow, died off in last 30 min
ESI: No Return

Recovery - Total Feet		GIP	Ft. in DC		Ft. in DP	
Rec.	5'	Feet of 0.01	%gas	5	%oil	%water 75 %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
BHT	106	*F Gravity	*API D @		*F Corrected Gravity	*API
RW	@	*F Chlorides	ppm Recovery		Chlorides 1600	ppm System

	AK-1	Alpine				
(A) Initial Hydrostatic Mud		1762	PSI	Recorder No.	6672	Test
(B) First Initial Flow Pressure		19	PSI	(depth)	3636'	Jars
(C) First Final Flow Pressure		23	PSI	Recorder No.		Safety Jt.
(D) Initial Shut-In Pressure		84	PSI	(depth)		Circ Sub
(E) Second Initial Flow Pressure		25	PSI	Recorder No.	11020	Sampler
(F) Second Final Flow Pressure		25	PSI	(depth)	3647'	Straddle
(G) Final Shut-In Pressure		71	PSI	Initial Opening	45	Ext. Packer
(Q) Final Hydrostatic Mud		1725	PSI	Initial Shut-In	45	Shale Packer

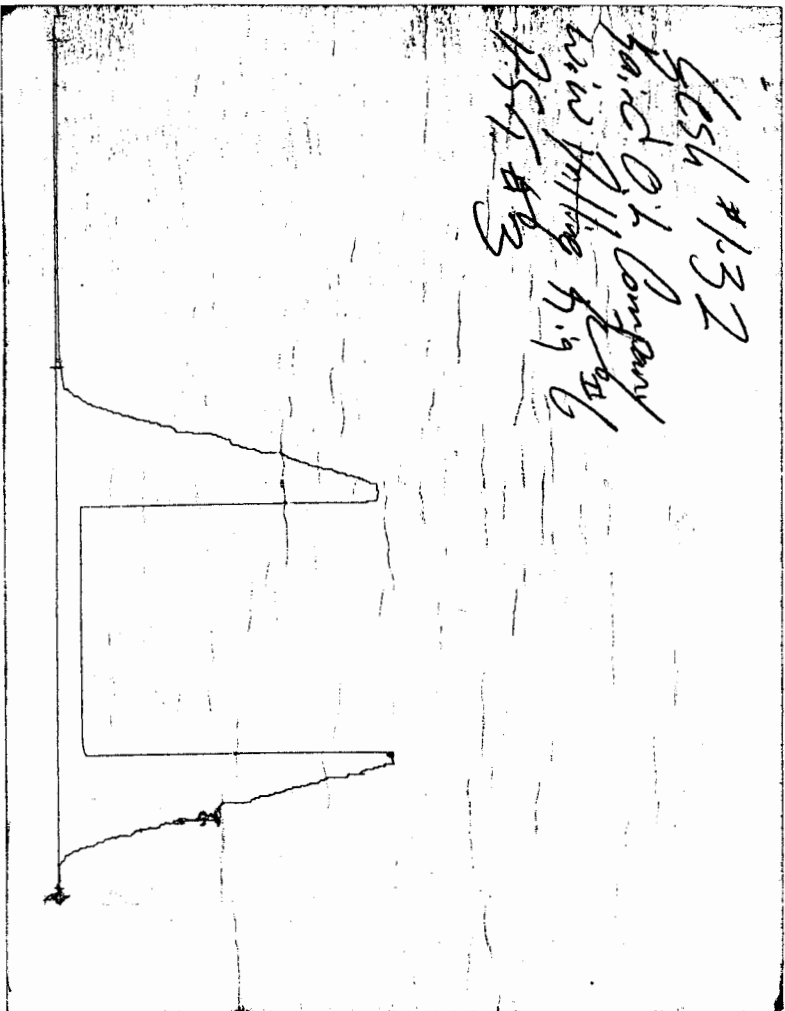
TRILLOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

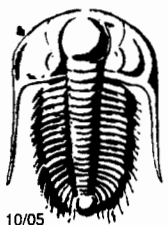
Approved By [Signature]
Our Representative [Signature]

Recorder No. 6672 Test X #1100.09
(depth) 3636' Jars _____
Recorder No. _____ Safety Jt. _____
(depth) _____ Circ Sub X N/C
Recorder No. 11020 Sampler _____
(depth) 3647' Straddle _____
Initial Opening 45 Ext. Packer _____
Initial Shut-In 45 Shale Packer _____
Final Flow 45 Ruined Packer X #200.09
Final Shut-In 45 Mileage NC
T-On Location 22:05 pm. Sub Total: 1300
T-Started 22:20 pm. Std. By _____
T-Open 00:07 a.m. Acc. Chg: _____
T-Pulled 03:07 a.m. Other: _____
T-Out 05:15 a.m. Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26574

Test Ticket

Well Name & No. <u>Lesh #1-32</u>	Test No. <u>4</u>	Date <u>10-29-06</u>
Company <u>Baird O.H. Company L.L.C.</u>	Zone Tested <u>LKC, "H"</u>	
Address <u>P.O. Box 428 Logan, KS 67646</u>	Elevation <u>2322 KB 2317</u>	GL
Co. Rep / Geo. <u>Gary Gensch</u>	Rig <u>W.W. Drilling Rig #6</u>	
Location: Sec. <u>32</u> Twp. <u>6S</u> Rge. <u>22W</u>	Co. <u>Graham</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested <u>3674'</u>	<u>3709'</u>	Initial Str Wt./Lbs. <u>43,000</u>	Unseated Str Wt./Lbs. <u>44,000</u>
Anchor Length <u>35'</u>		Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>20,000</u>
Top Packer Depth <u>3669'</u>		Tool Weight <u>1500</u>	
Bottom Packer Depth <u>3674'</u>		Hole Size 7 7/8" ☒	Rubber Size 6 3/4" ☒
Total Depth <u>3709'</u>		Wt. Pipe Run ☒	Drill Collar Run <u>124' 4 1/2" x 1 1/2"</u>
Mud Wt. <u>9.2</u> LCM ☒ Vis. <u>51</u> WL <u>6.4</u>		Drill Pipe Size <u>4 1/2" x 1 1/2"</u>	Ft. Run <u>3553'</u>

Blow Description IF, Return blow to 2 in.

IS, No return
IF, Return blow to 1 1/2 in.
IS, No return

Recovery - Total Feet <u>70'</u>	GIP	Ft. in DC	Ft. in DP
Rec. <u>10'</u>	Feet of <u>M.O.</u>	%gas <u>90</u> %oil	%water <u>10</u> %mud
Rec. <u>60'</u>	Feet of <u>DCM</u>	%gas <u>20</u> %oil	%water <u>80</u> %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
Rec. _____	Feet of _____	%gas _____ %oil	%water _____ %mud
BHT <u>106</u> °F Gravity _____	*API D @ _____	*F Corrected Gravity _____	*API _____
RW _____ @ _____ °F	Chlorides _____ ppm Recovery _____	Chlorides <u>1400</u> ppm System	

(A) Initial Hydrostatic Mud	AK-1	Alpine	Recorder No. <u>6672</u>	Test <u>1#/100.0g</u>
(B) First Initial Flow Pressure	<u>1785</u> PSI	<u>13</u> PSI	(depth) <u>3674'</u>	Jars _____
(C) First Final Flow Pressure	<u>34</u> PSI	<u>34</u> PSI	Recorder No. _____	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>902</u> PSI	<u>37</u> PSI	(depth) <u>3704'</u>	Circ Sub <u>x N/C</u>
(E) Second Initial Flow Pressure	<u>48</u> PSI	<u>824</u> PSI	Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure	<u>1735</u> PSI	<u>1735</u> PSI	(depth) <u>45</u>	Straddle _____
(G) Final Shut-In Pressure			Initial Opening <u>45</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud			Initial Shut-In <u>45</u>	Shale Packer _____
			Final Flow <u>45</u>	Ruined Packer _____
			Final Shut-In <u>45</u>	Mileage <u>1.44</u> <u>180</u>

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Approved By [Signature]

Our Representative [Signature]

T-On Location

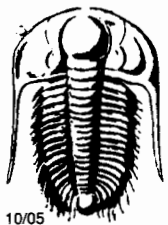
T-Started 13:20 p.m.
T-Open 14:20 p.m.
T-Pulled 15:55 p.m.
T-Out 21:40 p.m.

Std. By [Signature]
Acc. Chg: 61280
Other: _____
Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Leslie #1-32
David D. L. Company
W. H. D. L. Co. #6
D. S. #1



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26575

Test Ticket

Well Name & No. <u>Lesk #1-32</u>	Test No. <u>5</u>	Date <u>10-30-06</u>
Company <u>Baird O. L. Company L.L.C.</u>	Zone Tested <u>CHC / 'I'</u>	
Address <u>P.O. Box 478 Logan, KS 67646</u>	Elevation <u>2322</u> KB <u>2317</u> GL	
Co. Rep / Geo. <u>Gary Gensch</u>	Rig <u>W:12 Pulling Rig #6</u>	
Location: Sec. <u>32</u> Twp. <u>6S</u> Rge. <u>22W</u>	Co. <u>Graham</u> State <u>KS</u>	
Comment: _____		Release date / time: _____

Interval Tested <u>3707'</u>	<u>3722'</u>	Initial Str Wt./Lbs. <u>46,000</u>	Unseated Str Wt./Lbs. <u>46,000</u>
Anchor Length <u>15'</u>		Wt. Set Lbs. <u>25,000</u>	Wt. Pulled Loose/Lbs. <u>70,000</u>
Top Packer Depth <u>3702'</u>		Tool Weight <u>1500</u>	
Bottom Packer Depth <u>3707'</u>		Hole Size 7 7/8" ☒	Rubber Size 6 3/4" ☒
Total Depth <u>3722'</u>		Wt. Pipe Run ☒	Drill Collar Run <u>124' 4 1/2" XH</u>
Mud Wt. <u>9.2</u> LCM ☒ Vis. <u>51</u> WL <u>6.4</u>		Drill Pipe Size <u>4 1/2 FH</u>	Ft. Run <u>3583'</u>
Blow Description <u>15' 1/2" 1/2" suction blow died in 25 min</u>			
<u>15' 1/2" out.</u>			

Recovery - Total Feet <u>0</u>	GIP _____	Ft. in DC _____	Ft. in DP _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
Rec. _____	Feet of _____	%gas _____	%oil _____
BHT _____	°F Gravity _____	°API D @ _____	°F Corrected Gravity _____
RW _____	@ _____	°F _____	Chlorides _____ ppm Recovery _____
			Chlorides _____ ppm System _____

(A) Initial Hydrostatic Mud <u>1877</u> PSI	Recorder No. <u>6672</u>	Test <u>MSRUN</u>
(B) First Initial Flow Pressure _____ PSI	(depth) <u>3707'</u>	Jars _____
(C) First Final Flow Pressure _____ PSI	Recorder No. _____	Safety Jt. _____
(D) Initial Shut-In Pressure _____ PSI	(depth) _____	Circ Sub <u>X NIC</u>
(E) Second Initial Flow Pressure _____ PSI	Recorder No. <u>11020</u>	Sampler _____
(F) Second Final Flow Pressure _____ PSI	(depth) <u>3717'</u>	Straddle _____
(G) Final Shut-In Pressure _____ PSI	Initial Opening <u>20</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud <u>1774</u> PSI	Initial Shut-In _____	Shale Packer _____
	Final Flow _____	Ruined Packer _____
	Final Shut-In _____	Mileage <u>44</u> <u>130</u>

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Approved By _____
Our Representative [Signature]

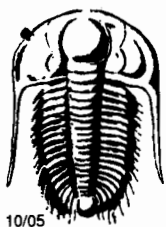
T-On Location 03:00 a.m.
T-Started 03:50 a.m.
T-Open 05:35 a.m.
T-Pulled 05:55 a.m.
T-Out 08:10 a.m.

Sub Total: _____
Std. By _____
Acc. Chg: 1000
Other: _____
Total: _____

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

654 #1-32
Main Oil Company
Wid #9 #6
15.7 #5



TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26001

Test Ticket

Well Name & No. <u>Lesh #1-32</u>	Test No. <u>6</u>	Date <u>10-30-06</u>
Company <u>Boird Oil Company L.L.C.</u>	Zone Tested <u>LSC, "I"</u>	
Address <u>P.O. Box 428 Lapan, KS 67646</u>	Elevation <u>2322</u> KB <u>2317</u> GL	
Co. Rep / Geo. <u>Gary Gensch</u>	Rig <u>W&W Pulling Rig #6</u>	
Location: Sec. <u>32</u> Twp. <u>6S</u> Rge. <u>22W</u>	Co. <u>Graham</u> State <u>KS</u>	
Comment: _____		Release date / time: _____

Interval Tested 3705' 3722' Initial Str Wt./Lbs. 38,000 Unseated Str Wt./Lbs. 38,000
 Anchor Length 17' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 50,000
 Top Packer Depth 3700' Tool Weight 1500
 Bottom Packer Depth 3705' Hole Size 7 7/8" ☒ Rubber Size 6 3/4" ☒
 Total Depth 3722' Wt. Pipe Run ☒ Drill Collar Run ☒
 Mud Wt. 9.2 LCM ☒ Vis. 51 WL 6.4 Drill Pipe Size 4 1/2 XH Ft. Run 3707'

Blow Description IF's work surface blow, died in 10 min

IS, No Rekey.

FF - pulled out.

IS, -

Recovery - Total Feet	GIP	Ft. in DC	Ft. in DP
Rec. <u>6.0</u>	Feet of <u>W&M</u>	%gas	%oil <u>10</u> %water <u>90</u> %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
BHT <u>107</u>	*F Gravity _____	*API D @ _____	*F Corrected Gravity _____ *API
RW _____ @ _____ *F	Chlorides _____ ppm Recovery _____	Chlorides <u>1400</u> ppm System	

AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1812</u> PSI	<u>6672</u>	<u>x #1100.00</u>
(B) First Initial Flow Pressure	<u>11</u> PSI	(depth) <u>3705'</u>	Jars _____
(C) First Final Flow Pressure	<u>12</u> PSI	Recorder No. _____	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>11</u> PSI	(depth) _____	Circ Sub <u>x NIE</u>
(E) Second Initial Flow Pressure	PSI	Recorder No. <u>11070</u>	Sampler _____
(F) Second Final Flow Pressure	PSI	(depth) <u>3717'</u>	Straddle _____
(G) Final Shut-In Pressure	PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1803</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____

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Approved By Gary Gensch

Our Representative [Signature]

T-On Location 10:00 a.m.

T-Started 10:30 a.m.

T-Open 12:00 p.m.

T-Pulled 13:00 p.m.

T-Out 14:30 p.m.

Sub Total: _____

Std. By _____

Acc. Chg: _____

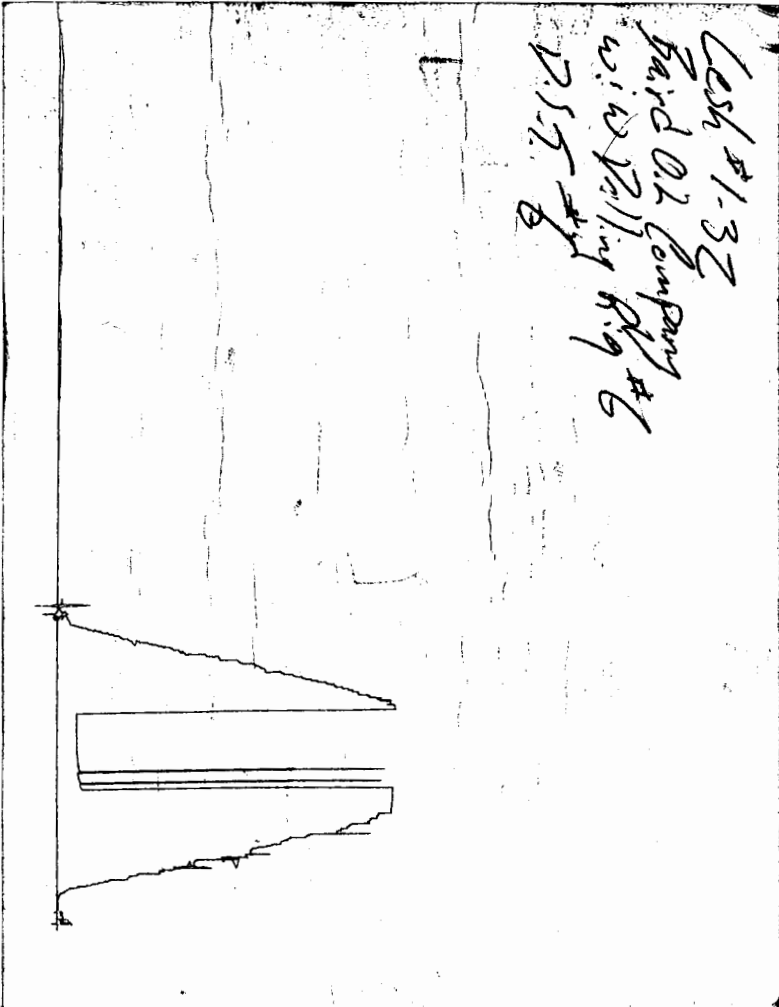
Other: _____

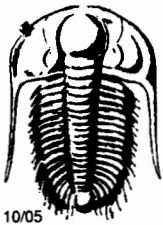
Total: 1100

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

Cash #1-32
Faird O.R. Company #6
Wid Pulling Rig #6
D.S.T. #6





TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

26002

Test Ticket

Well Name & No. <u>Lesh #1-32</u>	Test No. <u>7</u>	Date <u>10-31-06</u>
Company <u>Baird Oil Company L.L.C.</u>	Zone Tested _____	
Address <u>P.O. Box 428 Logan, KS 67646</u>	Elevation <u>2322</u> KB <u>2317</u> GL	
Co. Rep / Geo. <u>Gary Gensch</u>	Rig <u>W.W. Jilling Rig #6</u>	
Location: Sec. <u>32</u> Twp. <u>6S</u> Rge. <u>22W</u>	Co. <u>Graham</u>	State <u>KS</u>
Comment: _____		Release date / time: _____

Interval Tested 3588' 3616' Initial Str Wt./Lbs. 45,000 Unseated Str Wt./Lbs. 56,000
 Anchor Length 28' Wt. Set Lbs. 25,000 Wt. Pulled Loose/Lbs. 20,000
 Top Packer Depth 3583' Tool Weight 1500
 Bottom Packer Depth 3588' - straddle Pac 3616' Hole Size 7 7/8" Rubber Size 6 3/4"
 Total Depth 3870' Wt. Pipe Run ✓ Drill Collar Run 124'
 Mud Wt. 9.2 LCM ✓ Vis. 58 WL 6.8 Drill Pipe Size 4 1/2" FH Ft. Run 3475'

Blow Description FF, B.O.B. in 2 min.
IS, Return blow to 3/4 in.
FF, B.O.B. in 4 min.
IS, B.O.B. in 37 min.

Recovery - Total Feet 1178 GIP 186 Ft. in DC _____ Ft. in DP _____
 Rec. 124' Feet of Kerr O.L. %gas 100 %oil _____ %water _____ %mud _____
 Rec. 124' Feet of MC %gas 80 %oil _____ %water 20 %mud _____
 Rec. 124' Feet of OCM %gas 15 %oil _____ %water 85 %mud _____
 Rec. 186' Feet of OCM %gas 5 %oil 10 %water 85 %mud _____
 Rec. 620' Feet of Salt Water %gas _____ %oil 100 %water _____ %mud _____
 BHT 112 °F Gravity 28 °API D @ 60 °F Corrected Gravity 2.8 °API
 RW 1.6 @ 50 °F Chlorides 48,000 ppm Recovery _____ Chlorides 1500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1776</u>	PSI	<u>6672</u>	<u>MISRUN</u>
(B) First Initial Flow Pressure	<u>73</u>	PSI	<u>3588'</u>	<u>Y #1100</u> <u>900</u>
(C) First Final Flow Pressure	<u>215</u>	PSI		Jars _____
(D) Initial Shut-In Pressure	<u>1099</u>	PSI		Safety Jt. _____
(E) Second Initial Flow Pressure	<u>226</u>	PSI	<u>11020</u>	Circ Sub <u>✓</u>
(F) Second Final Flow Pressure	<u>530</u>	PSI	<u>3870'</u>	Sampler _____
(G) Final Shut-In Pressure	<u>1043</u>	PSI	<u>15</u>	Straddle <u>Y #600</u>
(Q) Final Hydrostatic Mud	<u>1728</u>	PSI	<u>45</u>	Ext. Packer _____
			<u>60</u>	Shale Packer _____
			<u>45</u>	Ruined Packer <u>Y #200.00</u>
				Mileage <u>+30</u> <u>180</u>

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.

Approved By Jim L. Baird
 Our Representative Tom H. L.

T-On Location

T-Started 09:30 a.m.
 T-Open 11:10 a.m.
 T-Pulled 13:55 p.m.
 T-Out 16:50 p.m.

Sub Total:

Std. By Y #34 200
 Acc. Chg: _____
 Other: _____
 Total: 2080

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

