

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil**

PO Box 428
Logan KS 67646

ATTN: Rich Bell

26 7 20W Rooks KS

Hansen #2-26

Start Date: 2007.08.14 @ 03:18:10

End Date: 2007.08.14 @ 08:26:19

Job Ticket #: 28934 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil

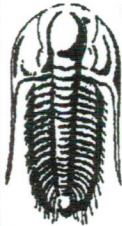
Hansen #2-26

26 7 20W Rooks KS

DST # 1

LKC "C"

2007.08.14



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

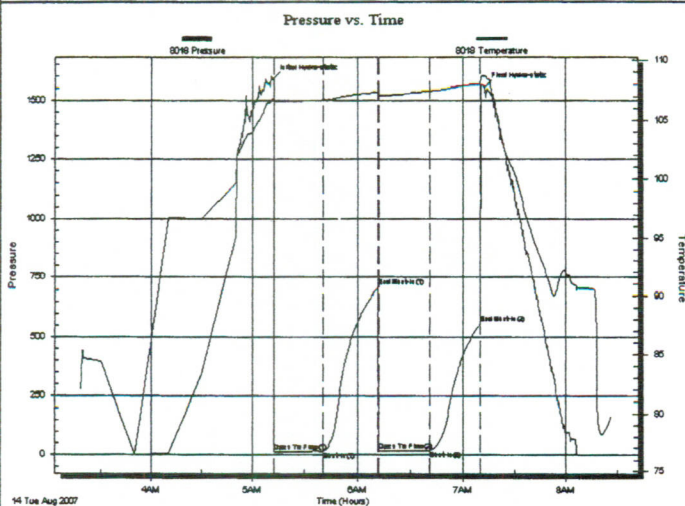
Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28934 **DST#: 1**
Test Start: 2007.08.14 @ 03:18:10

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 05:12:20
Time Test Ended: 08:26:19
Interval: **3255.00 ft (KB) To 3277.00 ft (KB) (TVD)**
Total Depth: 3277.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2019.00 ft (KB)
2015.00 ft (CF)
KB to GRV/CF: 4.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 17.91 psig @ 3259.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.08.14 End Date: 2007.08.14 Last Calib.: 2007.08.14
Start Time: 03:18:10 End Time: 08:26:19 Time On Btrn: 2007.08.14 @ 05:11:50
Time Off Btrn: 2007.08.14 @ 07:12:20

TEST COMMENT: IFP 1/4 " blow died 20 min.
ISI No blow back
FFP No blow
FSI No blow back



PRESSURE SUMMARY

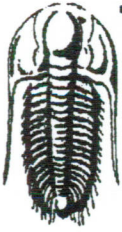
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	1585.44	106.91	Initial Hydro-static
1	11.58	106.40	Open To Flow (1)
29	14.64	106.74	Shut-In(1)
60	709.40	107.38	End Shut-In(1)
61	16.37	106.98	Open To Flow (2)
90	17.91	107.47	Shut-In(2)
118	557.84	108.09	End Shut-In(2)
121	1553.86	108.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mw/O spts 100%M	0.05

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28934 **DST#: 1**
Test Start: 2007.08.14 @ 03:18:10

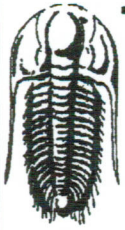
Tool Information

Drill Pipe:	Length: 3123.00 ft	Diameter: 3.80 inches	Volume: 43.81 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	50000.00 lb
			<u>Total Volume: 44.41 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	42000.00 lb
Depth to Top Packer:	3255.00 ft			Final	44000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	22.02 ft				
Tool Length:	42.02 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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Shut In Tool	5.00			3240.00	
Hydraulic tool	5.00			3245.00	
Packer	5.00			3250.00	20.00 Bottom Of Top Packer
Packer	5.00			3255.00	
Stubb	1.00			3256.00	
Perforations	3.00			3259.00	
Recorder	0.01	8018	Inside	3259.01	
Perforations	15.00			3274.01	
Recorder	0.01	13548	Outside	3274.02	
Bullnose	3.00			3277.02	22.02 Bottom Packers & Anchor
Total Tool Length:	42.02				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28934 **DST#: 1**
Test Start: 2007.08.14 @ 03:18:10

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: bbl		
Water Loss: 6.75 in ³	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
10.00	Mw/O spts 100%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8018

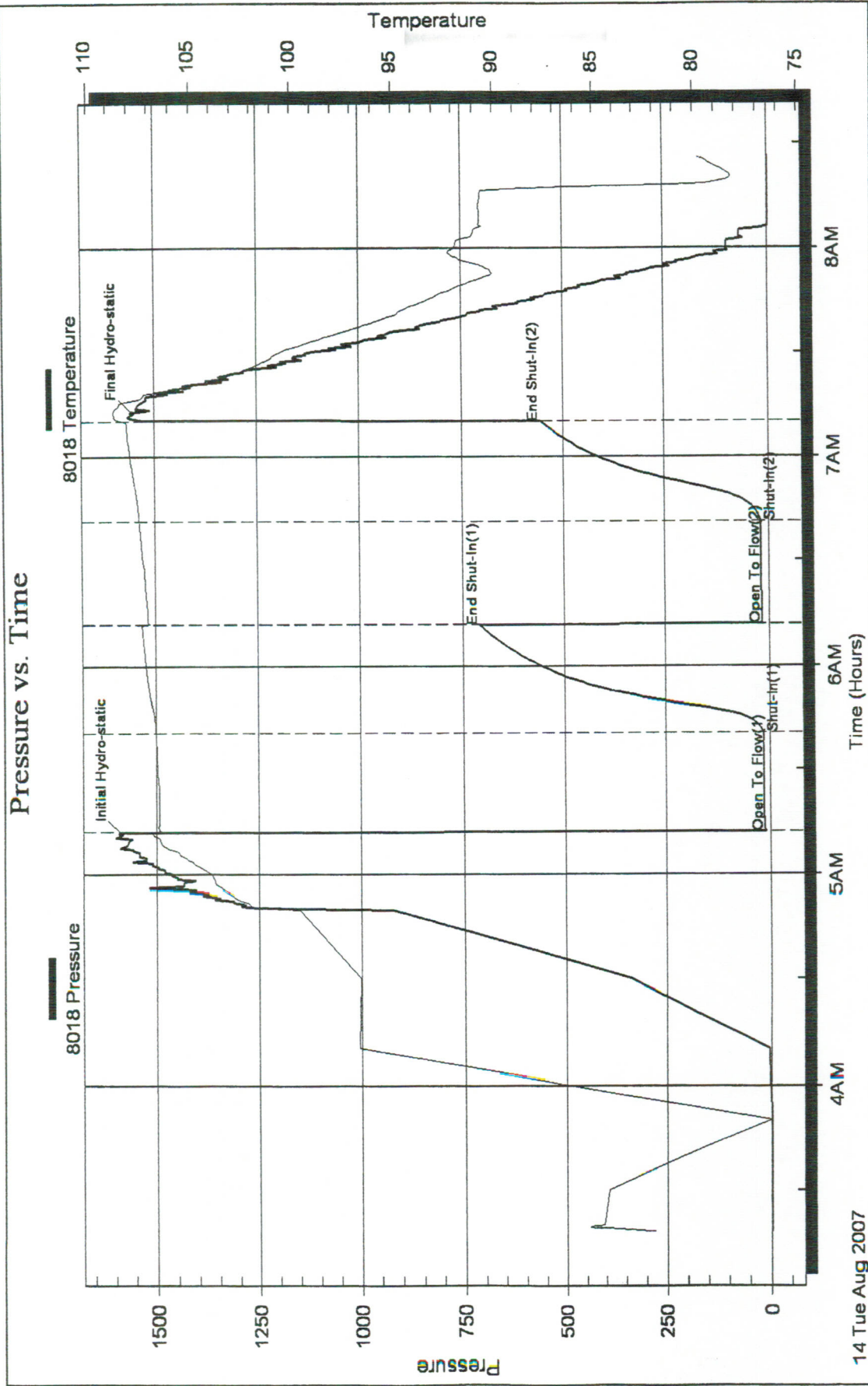
Inside

Baird Oil

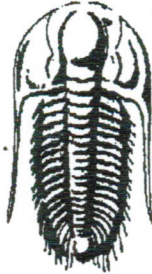
26 7 20W Rooks KS

DST Test Number: 1

Pressure vs. Time



14 Tue Aug 2007



TRILOBITE
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DRILL STEM TEST REPORT

Prepared For: **Baird Oil**

PO Box 428
Logan KS 67646

ATTN: Rich Bell

26 7 20W Rooks KS

Hansen #2-26

Start Date: 2007.08.14 @ 15:47:23

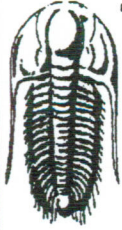
End Date: 2007.08.14 @ 21:28:47

Job Ticket #: 28935 DST #: 2

Trilobite Testing, Inc

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



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DRILL STEM TEST REPORT

Baird Oil
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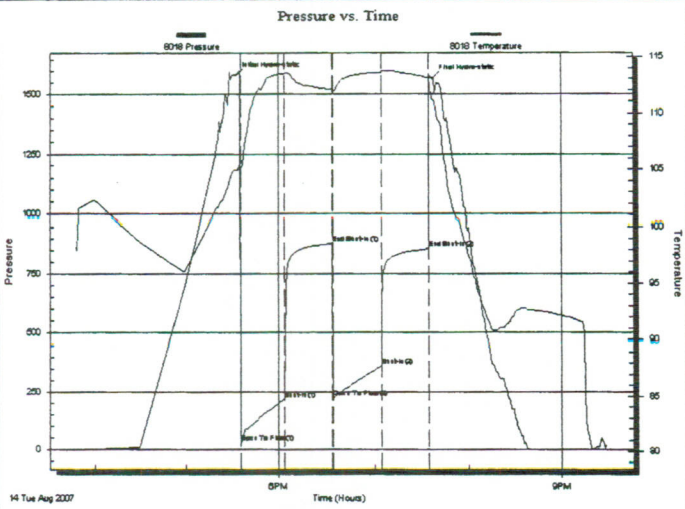
Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28935 **DST#: 2**
Test Start: 2007.08.14 @ 15:47:23

GENERAL INFORMATION:

Formation: **LKC "E-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:35:48
Time Test Ended: 21:28:47
Interval: **3292.00 ft (KB) To 3320.00 ft (KB) (TVD)**
Total Depth: 3320.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2019.00 ft (KB)
2015.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 362.28 psig @ 3297.01 ft (KB)
Start Date: 2007.08.14 End Date: 2007.08.14
Start Time: 15:47:23 End Time: 21:28:47
Capacity: 7000.00 psig
Last Calib.: 2007.08.14
Time On Btm: 2007.08.14 @ 17:32:48
Time Off Btm: 2007.08.14 @ 19:37:03

TEST COMMENT: IFP BOB 5 1/2 min.
ISI No blow back
FFP BOB 5 1/2 min.
FSI No blow back



PRESSURE SUMMARY

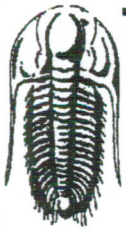
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1581.74	104.91	Initial Hydro-static
3	30.57	105.05	Open To Flow (1)
31	218.92	113.43	Shut-In(1)
61	878.39	112.03	End Shut-In(1)
62	225.11	111.73	Open To Flow (2)
92	362.28	113.58	Shut-In(2)
122	856.19	113.08	End Shut-In(2)
125	1567.35	111.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
625.00	MV 90%W 10%M	7.65
115.00	VM 50%W 50%M	1.61

Gas Rates

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



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DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

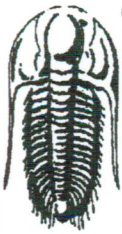
Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28935 **DST#: 2**
Test Start: 2007.08.14 @ 15:47:23

Tool Information

Drill Pipe:	Length: 3154.00 ft	Diameter: 3.80 inches	Volume: 44.24 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 44.84 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3292.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.02 ft			
Tool Length:	48.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3277.00	
Hydraulic tool	5.00			3282.00	
Packer	5.00			3287.00	20.00 Bottom Of Top Packer
Packer	5.00			3292.00	
Stubb	1.00			3293.00	
Perforations	4.00			3297.00	
Recorder	0.01	8018	Inside	3297.01	
Perforations	20.00			3317.01	
Recorder	0.01	13548	Outside	3317.02	
Bullnose	3.00			3320.02	28.02 Bottom Packers & Anchor
Total Tool Length:	48.02				



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DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil

Hansen #2-26

PO Box 428
Logan KS 67646

26 7 20W Rooks KS

Job Ticket: 28935

DST#: 2

ATTN: Rich Bell

Test Start: 2007.08.14 @ 15:47:23

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:

17000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.74 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
625.00	MW 90%W 10%M	7.647
115.00	WM 50%W 50%M	1.613

Total Length: 740.00 ft

Total Volume: 9.260 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

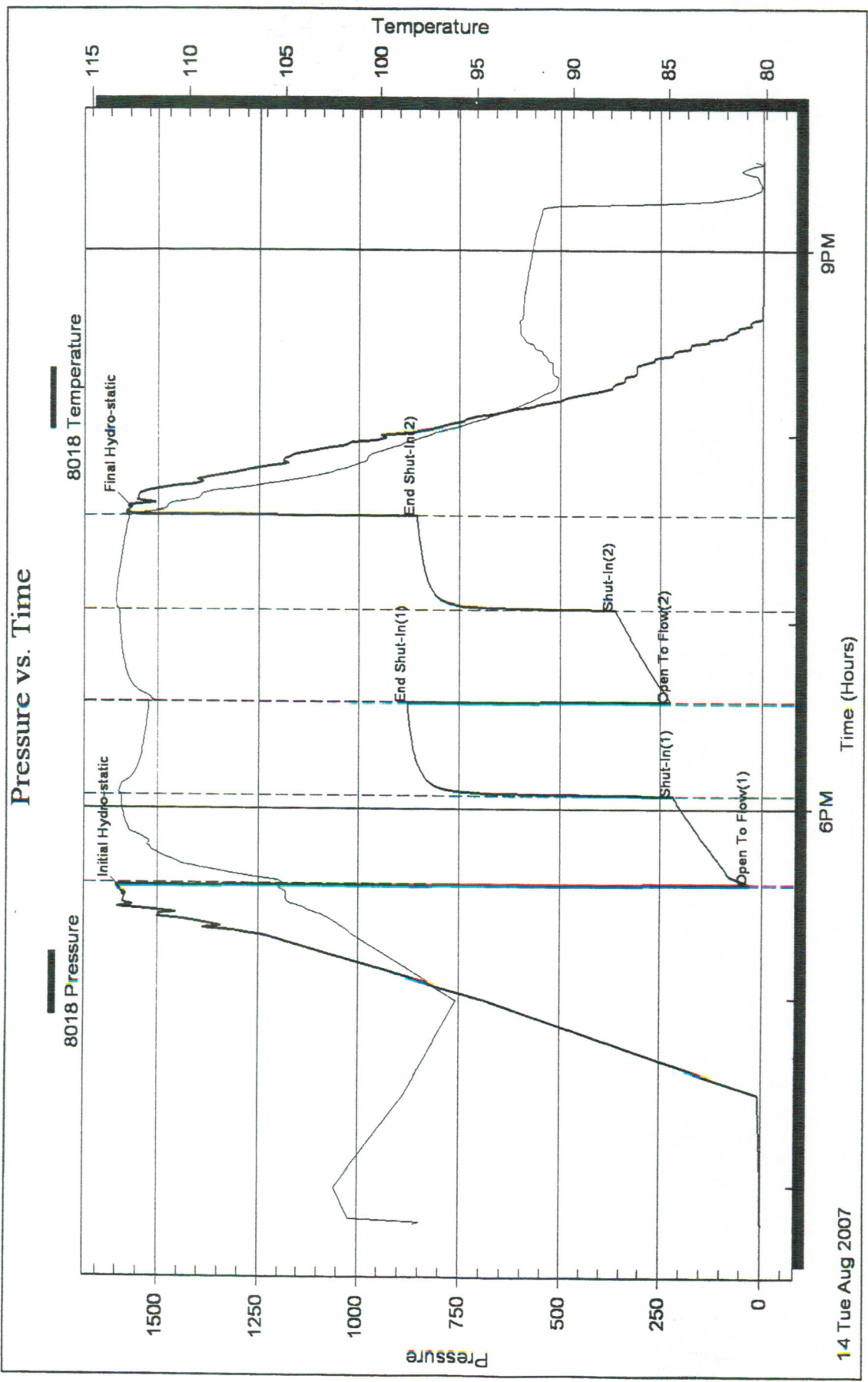
Serial #:

Laboratory Name:

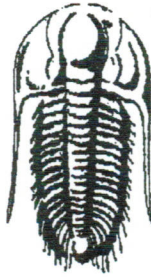
Laboratory Location:

Recovery Comments:

Pressure vs. Time



14 Tue Aug 2007



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DRILL STEM TEST REPORT

Prepared For: **Baird Oil**

PO Box 428
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ATTN: Rich Bell

26 7 20W Rooks KS

Hansen #2-26

Start Date: 2007.08.15 @ 11:27:27

End Date: 2007.08.15 @ 17:26:21

Job Ticket #: 28936 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil

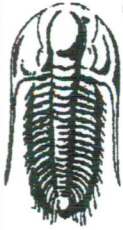
Hansen #2-26

26 7 20W Rooks KS

DST # 3

LKC "K"

2007.08.15



TRILOBITE
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DRILL STEM TEST REPORT

Baird Oil
PO Box 428
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ATTN: Rich Bell

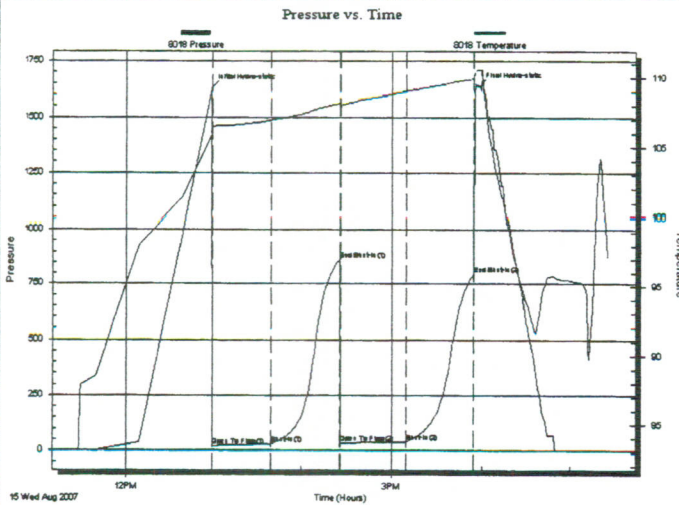
Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28936 **DST#: 3**
Test Start: 2007.08.15 @ 11:27:27

GENERAL INFORMATION:

Formation: **LKC "K"**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: 12:59:37
 Time Test Ended: 17:26:21
 Interval: **3408.00 ft (KB) To 3434.00 ft (KB) (TVD)**
 Total Depth: **3434.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition:
 Test Type: **Conventional Bottom Hole**
 Tester: **Brian Fairbank**
 Unit No: **41**
 Reference Elevations: **2019.00 ft (KB)**
2015.00 ft (CF)
 KB to GR/CF: **4.00 ft**

Serial #: 8018 **Inside**
 Press@RunDepth: **38.47 psig @ 3411.01 ft (KB)**
 Start Date: **2007.08.15** End Date: **2007.08.15**
 Start Time: **11:27:27** End Time: **17:26:21**
 Capacity: **7000.00 psig**
 Last Calib.: **2007.08.15**
 Time On Btrn: **2007.08.15 @ 12:59:22**
 Time Off Btrn: **2007.08.15 @ 15:57:36**

TEST COMMENT: IFP Weak blow throughout 1/4" - 1 1/2"
 ISI No blow back
 FFP Weak blow throughout sur - 2 1/4"
 FSI No blow back



PRESSURE SUMMARY

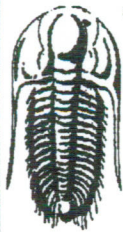
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1625.21	105.86	Initial Hydro-static
1	18.62	106.54	Open To Flow (1)
40	27.79	106.97	Shut-In(1)
86	862.61	108.15	End Shut-In(1)
87	30.36	107.85	Open To Flow (2)
130	38.47	109.04	Shut-In(2)
176	797.92	109.92	End Shut-In(2)
179	1637.00	110.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 10%O 90%M	0.15
35.00	FREE OIL 95%O 5%M	0.17

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28936 DST#: 3
Test Start: 2007.08.15 @ 11:27:27

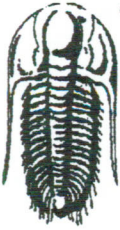
Tool Information

Drill Pipe:	Length: 3277.00 ft	Diameter: 3.80 inches	Volume: 45.97 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.57 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3408.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.02 ft			
Tool Length:	46.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3393.00	
Hydraulic tool	5.00			3398.00	
Packer	5.00			3403.00	20.00 Bottom Of Top Packer
Packer	5.00			3408.00	
Stubb	1.00			3409.00	
Perforations	2.00			3411.00	
Recorder	0.01	8018	Inside	3411.01	
Perforations	20.00			3431.01	
Recorder	0.01	13548	Outside	3431.02	
Bullnose	3.00			3434.02	26.02 Bottom Packers & Anchor
Total Tool Length:	46.02				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28936 DST#: 3
Test Start: 2007.08.15 @ 11:27:27

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1700.00 ppm			
Filter Cake: inches			

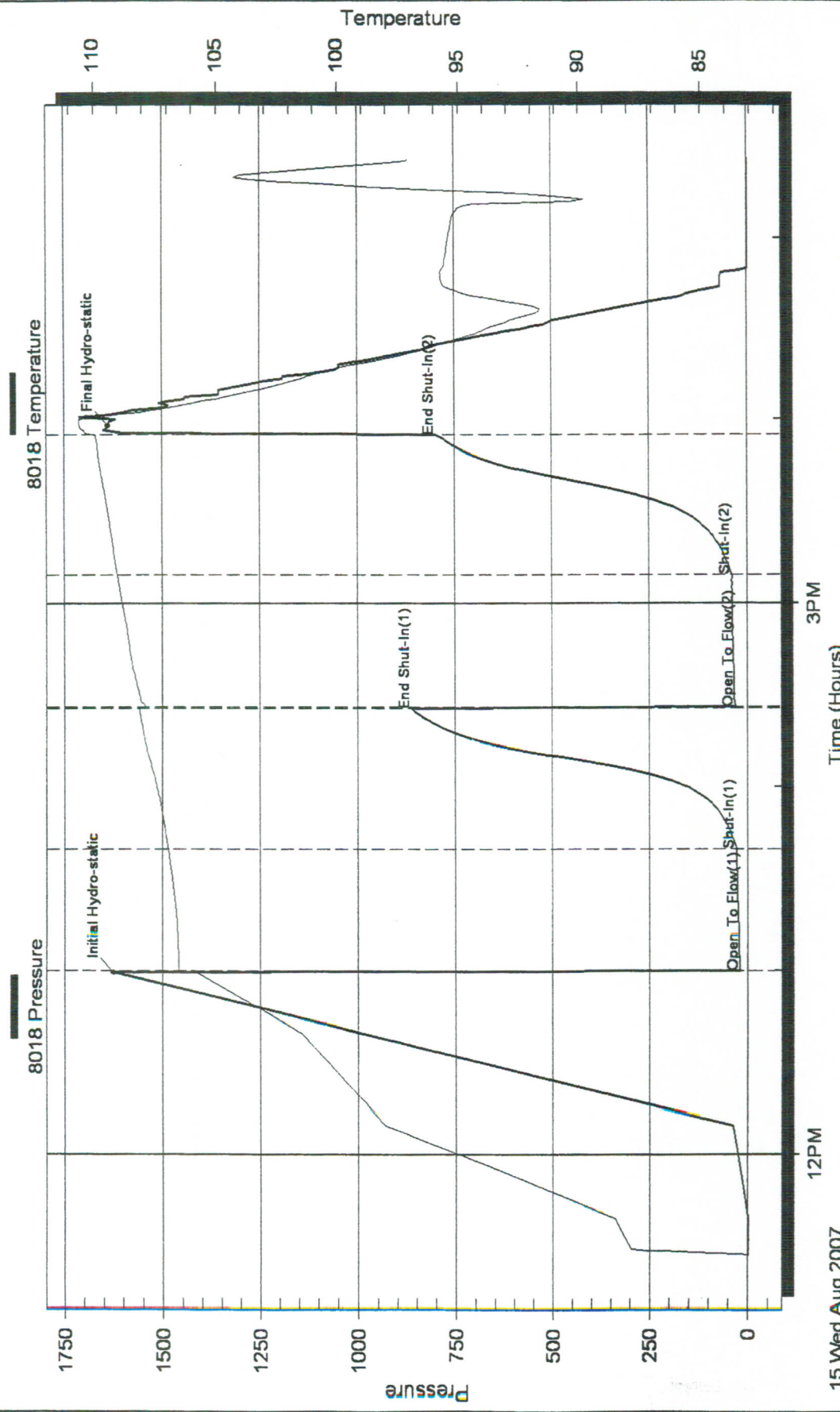
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	OCM 10%O 90%M	0.148
35.00	FREE OIL 95%O 5%M	0.172

Total Length: 65.00 ft Total Volume: 0.320 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments: 30' GIP

Pressure vs. Time

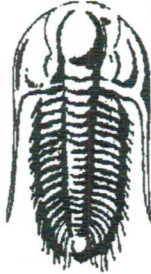


15 Wed Aug 2007

12PM

3PM

Time (Hours)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Baird Oil**

PO Box 428
Logan KS 67646

ATTN: Rich Bell

26 7 20W Rooks KS

Hansen #2-26

Start Date: 2007.08.16 @ 00:42:47

End Date: 2007.08.16 @ 05:00:56

Job Ticket #: 28937 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Baird Oil

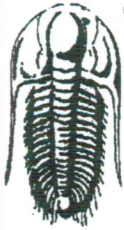
Hansen #2-26

26 7 20W Rooks KS

DST # 4

Marmaton

2007.08.16



**TRILOBITE
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DRILL STEM TEST REPORT

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

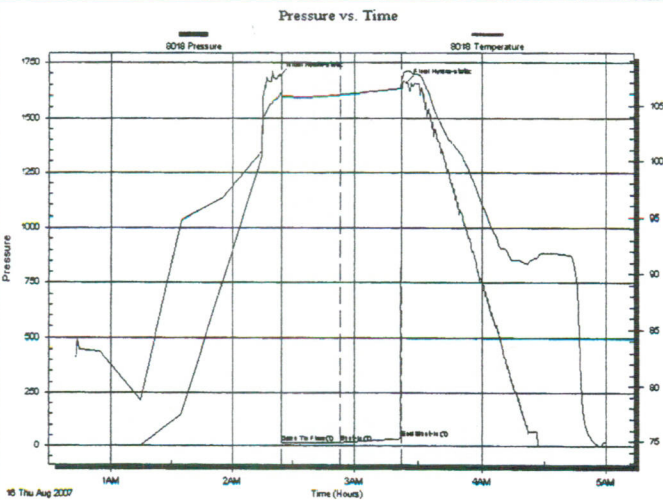
Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28937 **DST#: 4**
Test Start: 2007.08.16 @ 00:42:47

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:24:27
Time Test Ended: 05:00:56
Interval: **3434.00 ft (KB) To 3478.00 ft (KB) (TVD)**
Total Depth: 3478.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2019.00 ft (KB)
2015.00 ft (CF)
KB to GR/CF: 4.00 ft

Serial #: 8018 Inside
Press@RunDepth: 15.67 psig @ 3438.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.08.16 End Date: 2007.08.16 Last Calib.: 2007.08.16
Start Time: 00:42:47 End Time: 05:00:56 Time On Btm: 2007.08.16 @ 02:23:27
Time Off Btm: 2007.08.16 @ 03:24:27

TEST COMMENT: IFP 1/4 " blow died 19 min.
ISI No blow back
TIME 30 30



PRESSURE SUMMARY

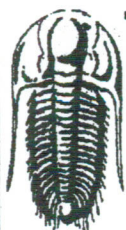
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1689.31	106.02	Initial Hydro-static
1	13.88	105.70	Open To Flow (1)
30	15.67	105.90	Shut-In(1)
59	34.61	106.47	End Shut-In(1)
61	1655.69	107.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mw/O spts 100%M	0.02

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

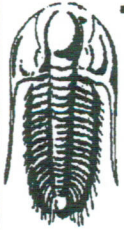
Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28937 DST#: 4
Test Start: 2007.08.16 @ 00:42:47

Tool Information

Drill Pipe:	Length: 3311.00 ft	Diameter: 3.80 inches	Volume: 46.44 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 47.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	3434.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.02 ft			
Tool Length:	64.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3419.00	
Hydraulic tool	5.00			3424.00	
Packer	5.00			3429.00	20.00 Bottom Of Top Packer
Packer	5.00			3434.00	
Stubb	1.00			3435.00	
Perforations	2.00			3437.00	
Change Over Sub	1.00			3438.00	
Recorder	0.01	8018	Inside	3438.01	
Blank Spacing	31.00			3469.01	
Change Over Sub	1.00			3470.01	
Perforations	5.00			3475.01	
Recorder	0.01	13548	Outside	3475.02	
Bullnose	3.00			3478.02	44.02 Bottom Packers & Anchor

Total Tool Length: 64.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28937 **DST#: 4**
Test Start: 2007.08.16 @ 00:42:47

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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.18 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1900.00 ppm			
Filter Cake: inches			

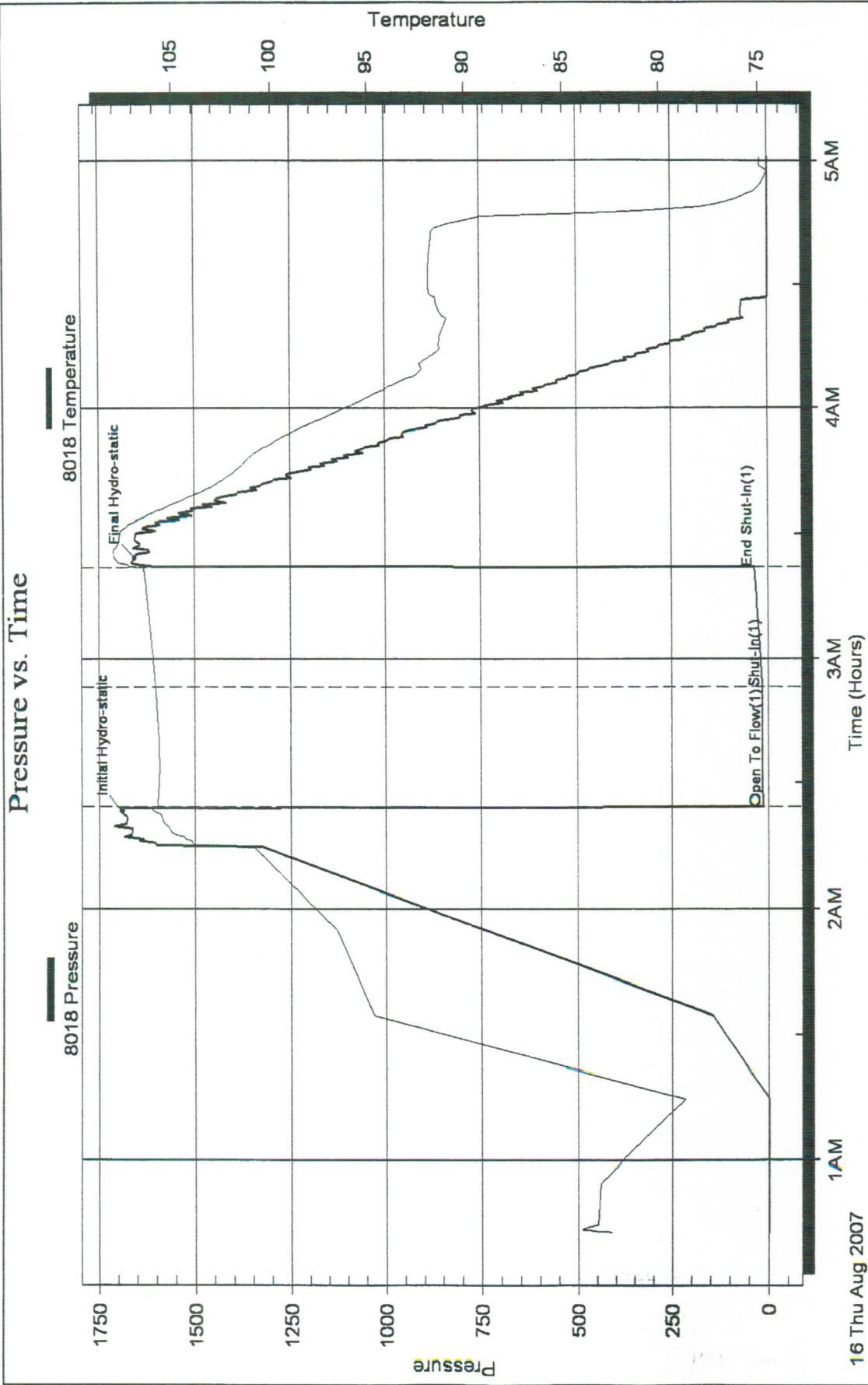
Recovery Information

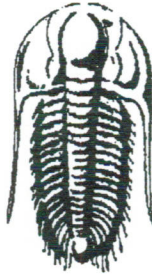
Recovery Table

Length ft	Description	Volume bbl
5.00	Mw /O spts 100%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Baird Oil**

PO Box 428
Logan KS 67646

ATTN: Rich Bell

26 7 20W Rooks KS

Hansen #2-26

Start Date: 2007.08.16 @ 10:55:51

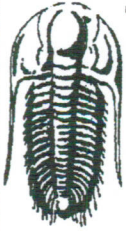
End Date: 2007.08.16 @ 17:25:15

Job Ticket #: 28938 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
 PO Box 428
 Logan KS 67646
 ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
 Job Ticket: 28938 **DST#: 5**
 Test Start: 2007.08.16 @ 10:55:51

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:30:01
 Time Test Ended: 17:25:15

Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41

Interval: **3486.00 ft (KB) To 3504.00 ft (KB) (TVD)**
 Total Depth: 3504.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2019.00 ft (KB)
 2015.00 ft (CF)
 KB to GR/CF: 4.00 ft

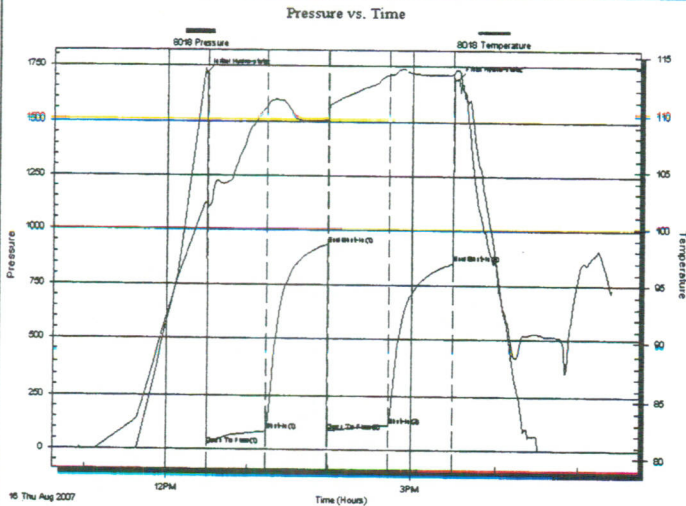
Serial #: 8018

Inside

Press@RunDepth: 115.81 psig @ 3491.01 ft (KB)
 Start Date: 2007.08.16 End Date: 2007.08.16
 Start Time: 10:55:51 End Time: 17:25:15

Capacity: 7000.00 psig
 Last Calib.: 2007.08.16
 Time On Btm: 2007.08.16 @ 12:28:31
 Time Off Btm: 2007.08.16 @ 15:32:15

TEST COMMENT: IFP Weak to strong blow 1/2" - 9 1/2"
 ISI Sur blow back died 7 min.
 FFP Weak to good blow sur - 7"
 FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1711.96	102.11	Initial Hydro-static
2	21.40	101.69	Open To Flow (1)
46	85.19	110.54	Shut-In(1)
90	935.38	109.57	End Shut-In(1)
91	88.85	109.67	Open To Flow (2)
135	115.81	113.35	Shut-In(2)
181	851.22	113.42	End Shut-In(2)
184	1685.64	113.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	MW 95%W 5%M	0.63
15.00	WM 10%W 90%W	0.21
75.00	WM 40%W 60%M	1.05
15.00	FREE OIL 95%O 5%M	0.21

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28938 DST#: 5
Test Start: 2007.08.16 @ 10:55:51

Tool Information

Drill Pipe:	Length: 3372.00 ft	Diameter: 3.80 inches	Volume: 47.30 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 123.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	65000.00 lb
			<u>Total Volume: 47.90 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	3486.00 ft			Final	46000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.02 ft				
Tool Length:	38.02 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3471.00	
Hydraulic tool	5.00			3476.00	
Packer	5.00			3481.00	20.00 Bottom Of Top Packer
Packer	5.00			3486.00	
Stubb	1.00			3487.00	
Perforations	4.00			3491.00	
Recorder	0.01	8018	Inside	3491.01	
Perforations	10.00			3501.01	
Recorder	0.01	13548	Outside	3501.02	
Bullnose	3.00			3504.02	18.02 Bottom Packers & Anchor
Total Tool Length:	38.02				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Baird Oil
PO Box 428
Logan KS 67646
ATTN: Rich Bell

Hansen #2-26
26 7 20W Rooks KS
Job Ticket: 28938 DST#: 5
Test Start: 2007.08.16 @ 10:55:51

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 17500 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.20 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 1900.00 ppm		
Filter Cake: inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	MW 95%W 5%M	0.633
15.00	WM 10%W 90%W	0.210
75.00	WM 40%W 60%M	1.052
15.00	FREE OIL 95%O 5%M	0.210

Total Length: 230.00 ft Total Volume: 2.105 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

