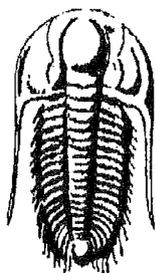


15-179-21202

23-9s-26w

Jud



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Oil Producers**

1710 Waterfront Pkwy
Wichita, KS 67206

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ATTN: Jeff C

23-9-26 Sheridan KS

Epler #3-23

Start Date: 2009.02.24 @ 22:09:30

End Date: 2009.02.25 @ 03:40:30

Job Ticket #: 34982 DST #: 1

Oil Producers

Epler #3-23

23-9-26 Sheridan KS

DST # 1

LKC "C"

2009.02.24

KANSAS CORPORATION COMMISSION

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PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

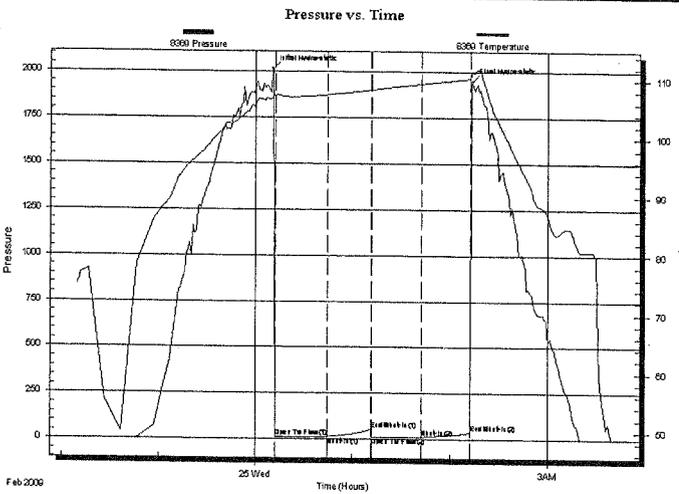
Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34982 **DST#: 1**
Test Start: 2009.02.24 @ 22:09:30

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:12:00
Time Test Ended: 03:40:30
Test Type: Conventional Bottom Hole
Tester: Kyle K/ Brett D
Unit No: 47
Interval: **3933.00 ft (KB) To 3950.00 ft (KB) (TVD)**
Total Depth: 3950.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2653.00 ft (KB)
2648.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8369 **Inside**
Press@RunDepth: 12.52 psig @ 3935.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.02.24 End Date: 2009.02.25 Last Calib.: 2009.02.25
Start Time: 22:09:35 End Time: 03:40:29 Time On Btm: 2009.02.25 @ 00:10:30
Time Off Btm: 2009.02.25 @ 02:13:30

TEST COMMENT: IF- Very weak surface blow died in 10min
IS- no blow
FF- no blow
FS- no blow



PRESSURE SUMMARY

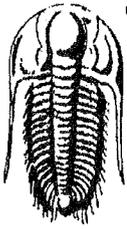
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2011.66	106.83	Initial Hydro-static
2	10.51	107.20	Open To Flow (1)
34	13.42	107.50	Shut-In (1)
61	52.48	108.33	End Shut-In (1)
62	12.29	108.34	Open To Flow (2)
92	12.52	109.39	Shut-In (2)
122	36.92	110.33	End Shut-In (2)
123	1946.18	111.46	Final Hydro-static

Recovery

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

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206

ATTN: Jeff C

Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34982 **DST#: 1**
Test Start: 2009.02.24 @ 22:09:30

Tool Information

Drill Pipe:	Length: 3896.00 ft	Diameter: 3.82 inches	Volume: 55.23 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 50000.00 lb
			Total Volume: 55.38 bbl	Tool Chased ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3933.00 ft			Final 47000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	37.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3914.00	
Shut In Tool	5.00			3919.00	
Hydraulic tool	5.00			3924.00	
Packer	4.00			3928.00	20.00 Bottom Of Top Packer
Packer	5.00			3933.00	
Stubb	1.00			3934.00	
Perforations	1.00			3935.00	
Recorder	0.00	8319	Inside	3935.00	
Recorder	0.00	8369	Inside	3935.00	
Perforations	12.00			3947.00	
Bullnose	3.00			3950.00	17.00 Bottom Packers & Anchor

Total Tool Length: 37.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers

Epler #3-23

1710 Waterfront Pkwy
Wichita, KS 67206

23-9-26 Sheridan KS

Job Ticket: 34982

DST#: 1

ATTN: Jeff C

Test Start: 2009.02.24 @ 22:09:30

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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 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	VSOCM 5%O 95%M	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

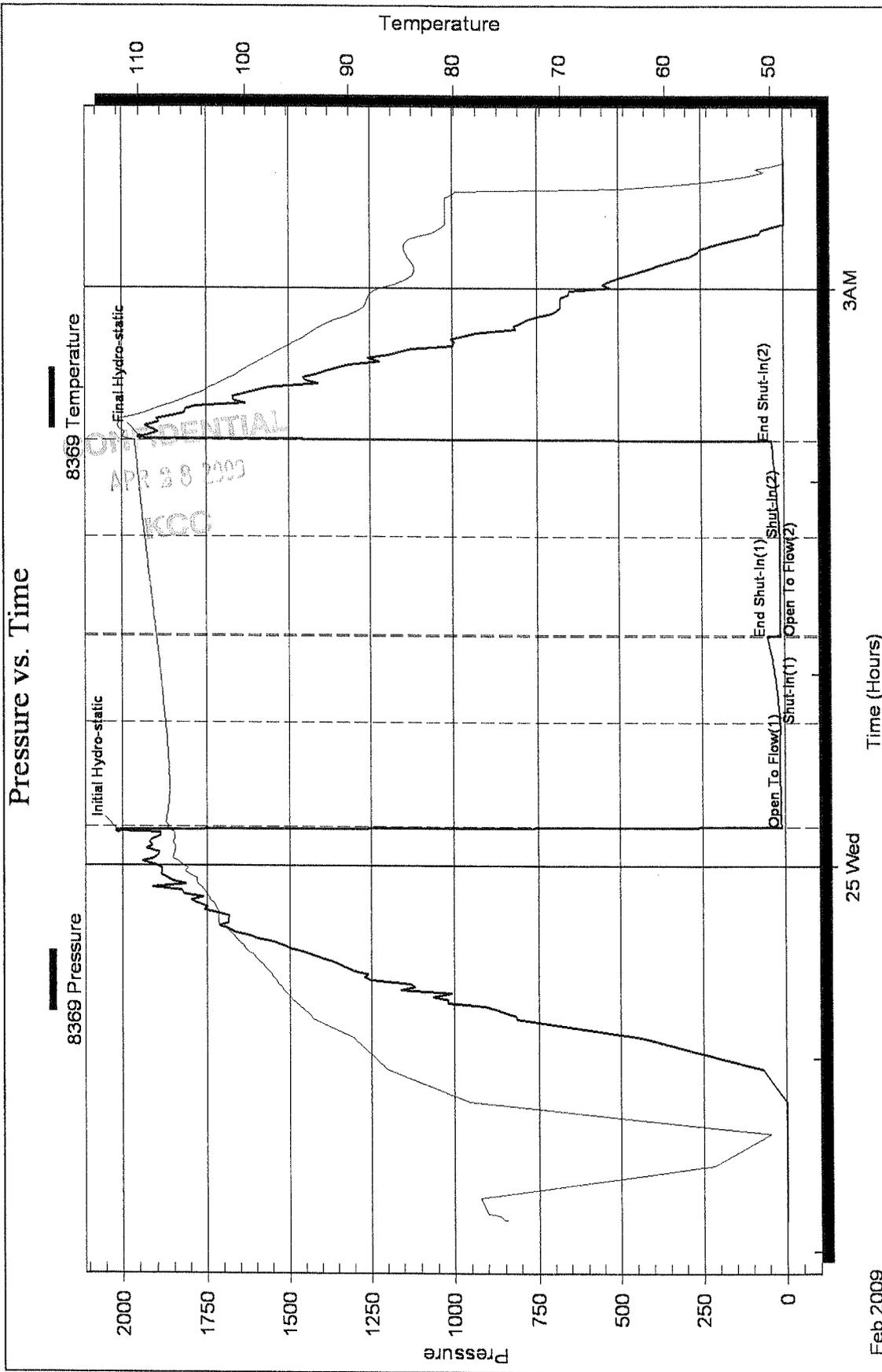
Serial #:

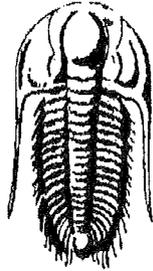
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

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APR 30 2009
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DRILL STEM TEST REPORT

Prepared For: **Oil Producers**

1710 Waterfront Pkwy
Wichita, KS 67206

ATTN: Jeff C

23-9-26 Sheridan KS

Epler #3-23

Start Date: 2009.02.25 @ 10:05:53

End Date: 2009.02.25 @ 16:02:53

Job Ticket #: 34983 DST #: 2

KANSAS CORPORATION COMMISSION

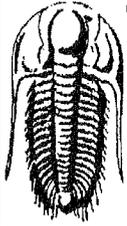
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PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

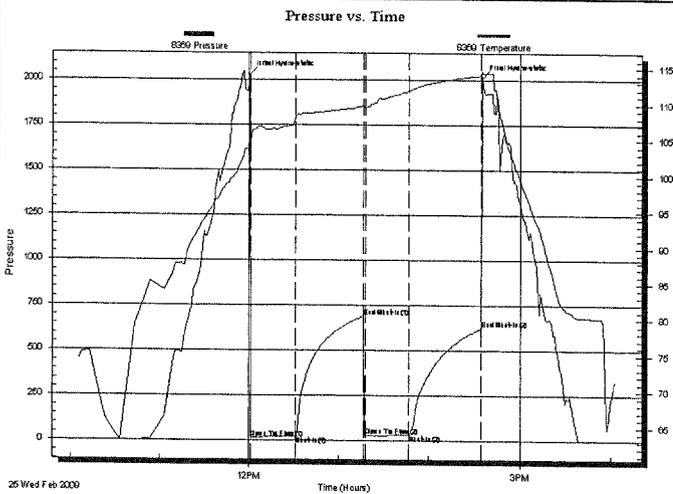
Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34983 **DST#: 2**
Test Start: 2009.02.25 @ 10:05:53

GENERAL INFORMATION:

Formation: **LKC "E,F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:01:23
Time Test Ended: 16:02:53
Interval: **3960.00 ft (KB) To 3985.00 ft (KB) (TVD)**
Total Depth: 3985.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Reference Elevations: 2653.00 ft (KB)
2648.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole
Tester: Brett D
Unit No: 47

Serial #: 8369 **Inside**
Press@RunDepth: 32.91 psig @ 3962.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.02.25 End Date: 2009.02.25 Last Calib.: 2009.02.25
Start Time: 10:05:58 End Time: 16:02:52 Time On Btm: 2009.02.25 @ 12:00:23
Time Off Btm: 2009.02.25 @ 14:34:52

TEST COMMENT: IF - 1.5" blow
ISI - No blow
FF - Very weak surface blow throughout
FSI - No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2030.25	104.00	Initial Hydro-static
1	13.33	104.86	Open To Flow (1)
31	25.19	108.29	Shut-In(1)
76	690.43	109.80	End Shut-In(1)
78	27.45	109.68	Open To Flow (2)
107	32.91	111.89	Shut-In(2)
154	622.50	114.08	End Shut-In(2)
155	2015.37	114.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	WCM 15%W 85%M	0.36

Gas Rates

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



**TRILOBITE
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34983 **DST#: 2**
Test Start: 2009.02.25 @ 10:05:53

Tool Information

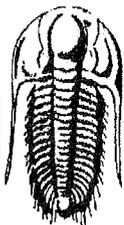
Drill Pipe:	Length: 3918.00 ft	Diameter: 3.82 inches	Volume: 55.54 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 2500.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 49000.00 lb
		Total Volume: 55.69 bbl		Tool Chased ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 47000.00 lb
Depth to Top Packer:	3960.00 ft			Final 47000.00 lb
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:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3941.00	
Shut In Tool	5.00			3946.00	
Hydraulic tool	5.00			3951.00	
Packer	4.00			3955.00	20.00 Bottom Of Top Packer
Packer	5.00			3960.00	
Stubb	1.00			3961.00	
Perforations	1.00			3962.00	
Recorder	0.00	8319	Inside	3962.00	
Recorder	0.00	8369	Inside	3962.00	
Perforations	20.00			3982.00	
Bullnose	3.00			3985.00	25.00 Bottom Packers & Anchor

Total Tool Length: 45.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34983 DST#: 2
Test Start: 2009.02.25 @ 10:05:53

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: 7.78 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1400.00 ppm			
Filter Cake: inches			

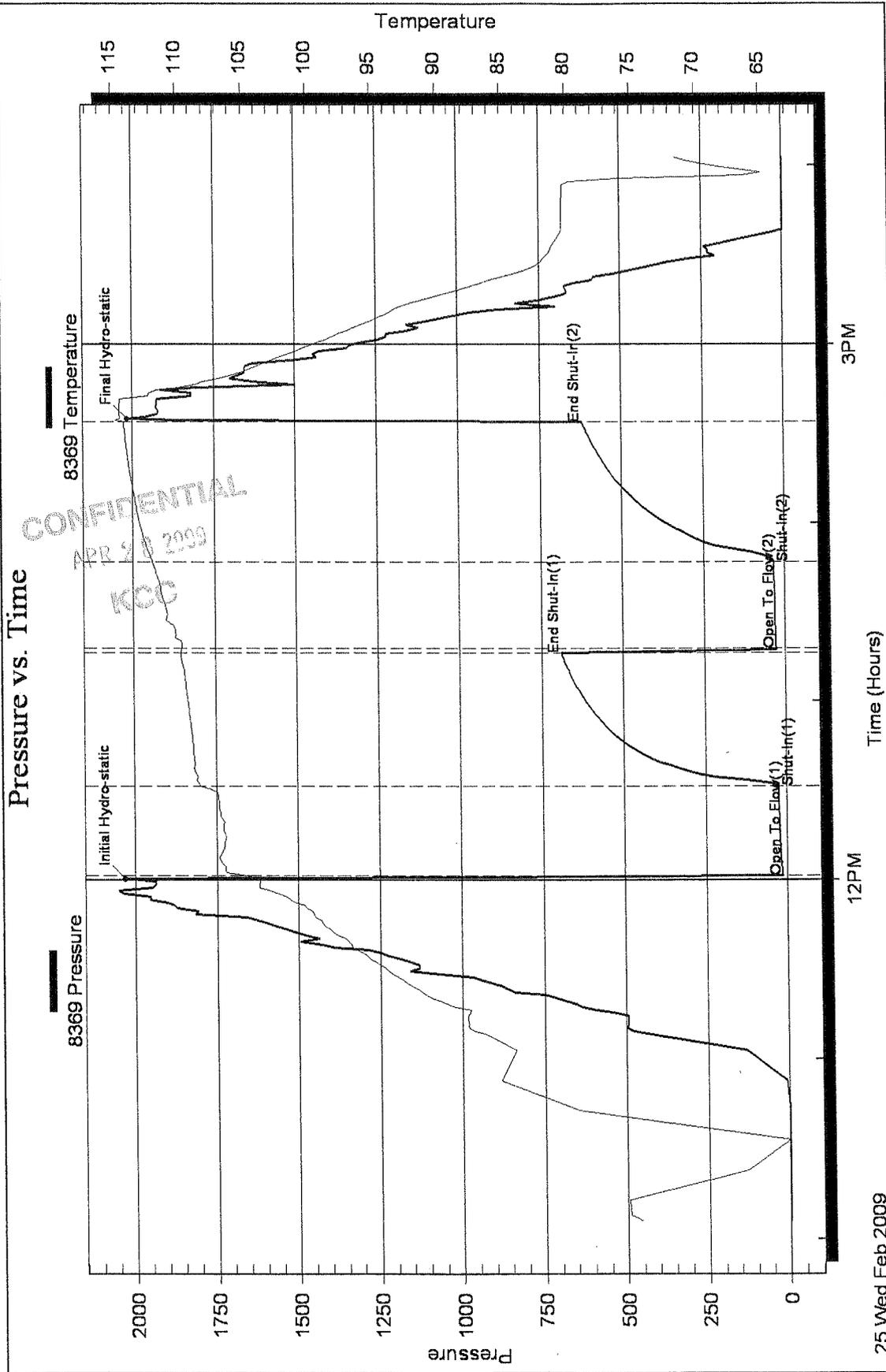
Recovery Information

Recovery Table

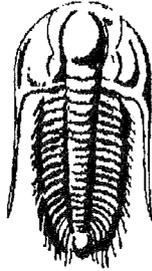
Length ft	Description	Volume bbl
45.00	WCM 15%W 85%M	0.360

Total Length: 45.00 ft Total Volume: 0.360 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **Oil Producers**

1710 Waterfront Pkwy
Wichita, KS 67206

ATTN: Jeff C

23-9-26 Sheridan KS

Epler #3-23

Start Date: 2009.02.25 @ 23:29:21

End Date: 2009.02.26 @ 06:29:51

Job Ticket #: 34984 DST #: 3

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

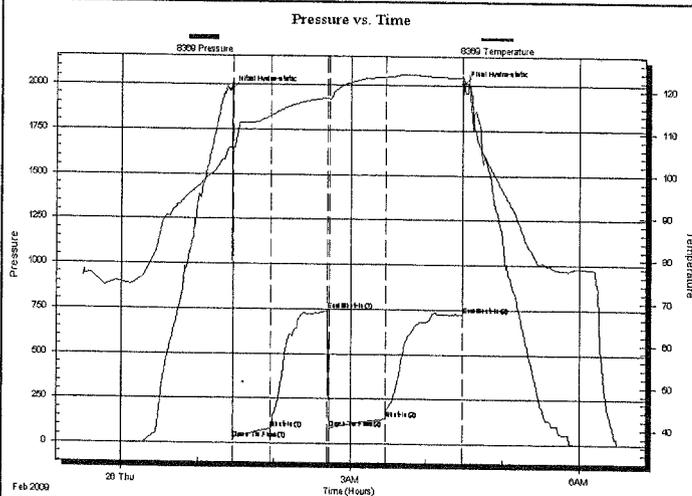
Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34984 DST#: 3
Test Start: 2009.02.25 @ 23:29:21

GENERAL INFORMATION:

Formation: **LKC "H"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:27:21
Time Test Ended: 06:29:51
Interval: **4010.00 ft (KB) To 4040.00 ft (KB) (TVD)**
Total Depth: 4040.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brett D
Unit No: 47
Reference Elevations: 2653.00 ft (KB)
2648.00 ft (CF)
KB to GRVCF: 5.00 ft

Serial #: 8369 Inside
Press@RunDepth: 138.24 psig @ 4017.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.02.25 End Date: 2009.02.26 Last Calib.: 2009.02.26
Start Time: 23:29:26 End Time: 06:29:50 Time On Btm: 2009.02.26 @ 01:25:51
Time Off Btm: 2009.02.26 @ 04:29:20

TEST COMMENT: IF- BOB in 12min
ISI- 1in blow died back to .75in
FF-BOB in 14min
FSI-



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1967.77	106.32	Initial Hydro-static
2	22.14	105.82	Open To Flow (1)
32	82.92	113.94	Shut-In(1)
76	741.60	118.18	End Shut-In(1)
78	84.59	118.01	Open To Flow (2)
122	138.24	123.25	Shut-In(2)
183	721.18	123.09	End Shut-In(2)
184	2007.31	123.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	MCW 85%W 15%M	1.85
60.00	VSWCM 10%W 90%M	0.85
60.00	OIL 90%O 10%G	0.85

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers

Epler #3-23

1710 Waterfront Pkwy
Wichita, KS 67206

23-9-26 Sheridan KS

ATTN: Jeff C

Job Ticket: 34984

DST#: 3

Test Start: 2009.02.25 @ 23:29:21

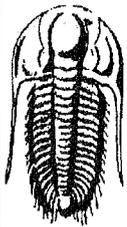
Tool Information

Drill Pipe:	Length: 3978.00 ft	Diameter: 3.82 inches	Volume: 56.39 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 52000.00 lb
		<u>Total Volume:</u>	<u>56.54 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4010.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3991.00	
Shut In Tool	5.00			3996.00	
Hydraulic tool	5.00			4001.00	
Packer	4.00			4005.00	20.00 Bottom Of Top Packer
Packer	5.00			4010.00	
Stubb	1.00			4011.00	
Perforations	6.00			4017.00	
Recorder	0.00	8319	Inside	4017.00	
Recorder	0.00	8369	Inside	4017.00	
Perforations	20.00			4037.00	
Bullnose	3.00			4040.00	30.00 Bottom Packers & Anchor

Total Tool Length: 50.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers

Epler #3-23

1710 Waterfront Pkwy
Wichita, KS 67206

23-9-26 Sheridan KS

Job Ticket: 34984

DST#: 3

ATTN: Jeff C

Test Start: 2009.02.25 @ 23:29:21

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:

72000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	MCW 85%W 15%M	1.849
60.00	VSWCM 10%W 90%M	0.851
60.00	OIL 90%O 10%G	0.851

Total Length: 270.00 ft Total Volume: 3.551 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .18 @ 40F

Serial #: 8369

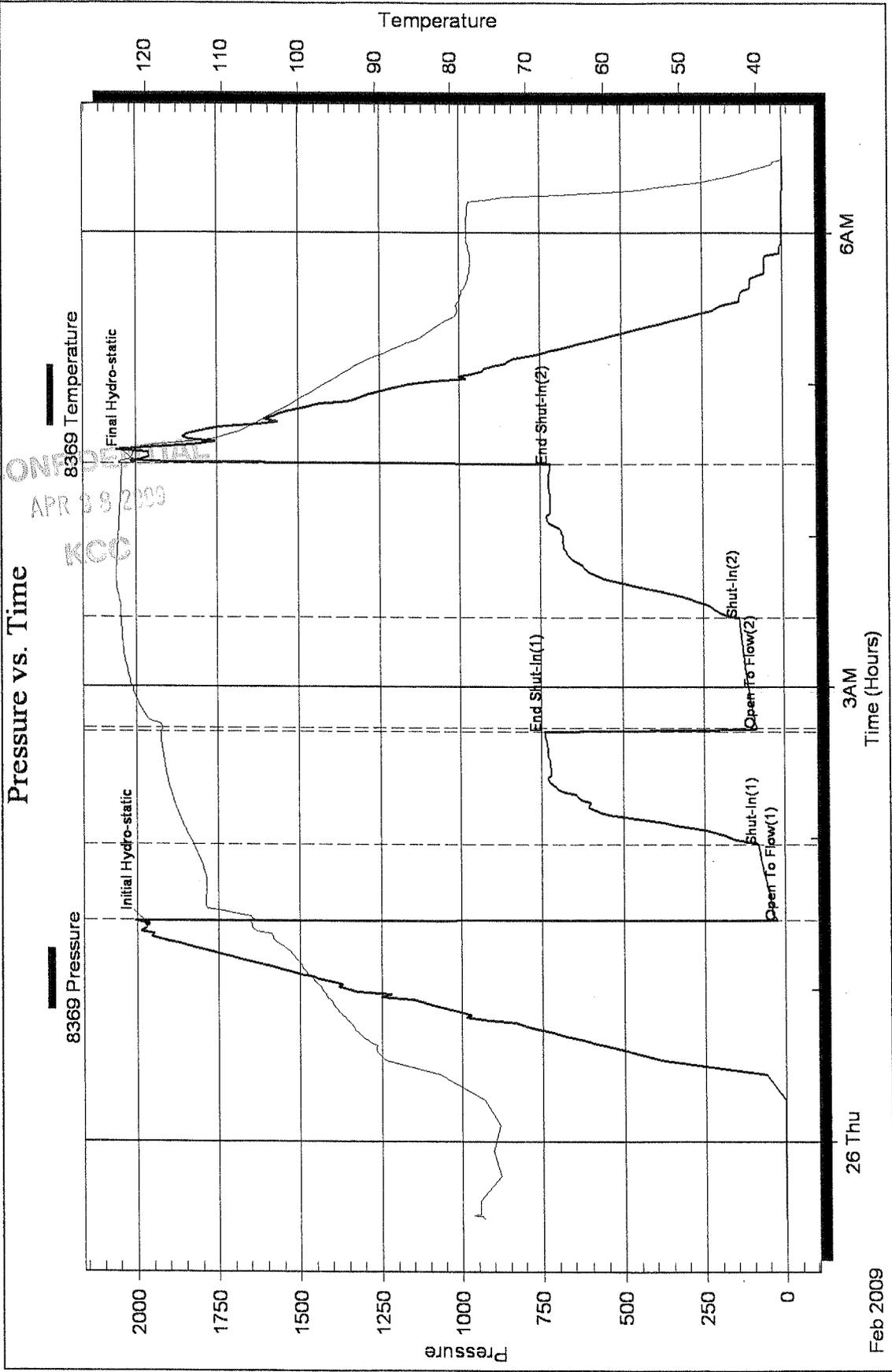
Inside

Oil Producers

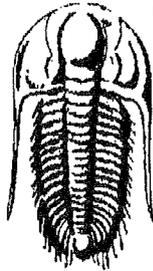
23-9-26 Sheridan KS

DST Test Number: 3

Pressure vs. Time



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 APR 28 2009
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

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APR 28 2009
KCC

Prepared For: **Oil Producers**

1710 Waterfront Pkwy
Wichita, KS 67206

ATTN: Jeff C

23-9-26 Sheridan KS

Epler #3-23

Start Date: 2009.02.26 @ 14:27:56

End Date: 2009.02.26 @ 20:12:26

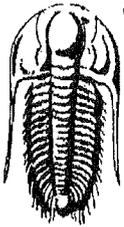
Job Ticket #: 34985 DST #: 4

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Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

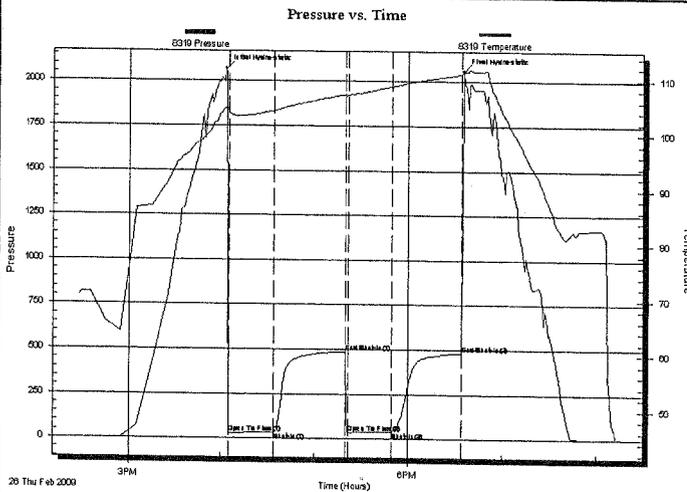
Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34985 **DST#: 4**
Test Start: 2009.02.26 @ 14:27:56

GENERAL INFORMATION:

Formation: **LKC "I,J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:04:26
Time Test Ended: 20:12:26
Interval: **4042.00 ft (KB) To 4085.00 ft (KB) (TVD)**
Total Depth: 4085.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brett D
Unit No: 47
Reference Elevations: 2653.00 ft (KB)
2648.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8319 **Inside**
Press@RunDepth: 38.94 psig @ 4048.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.02.26 End Date: 2009.02.26 Last Calib.: 2009.02.26
Start Time: 14:28:01 End Time: 20:12:25 Time On Btm: 2009.02.26 @ 16:02:56
Time Off Btm: 2009.02.26 @ 18:35:26

TEST COMMENT: IF- 1in blow
IS- no blow
FF- no blow
FSI- no blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2067.05	104.73	Initial Hydro-static
2	25.65	104.20	Open To Flow (1)
31	33.55	104.28	Shut-In(1)
77	483.73	107.25	End Shut-In(1)
79	34.33	107.18	Open To Flow (2)
107	38.94	108.74	Shut-In(2)
152	479.86	110.96	End Shut-In(2)
153	2057.82	111.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Oil Scum Mud	0.43

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers
1710 Waterfront Pkw y
Wichita, KS 67206

ATTN: Jeff C

Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34985 **DST#: 4**
Test Start: 2009.02.26 @ 14:27:56

Tool Information

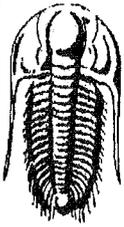
Drill Pipe:	Length: 4010.00 ft	Diameter: 3.82 inches	Volume: 56.84 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 56.99 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	4042.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00	KCC		4023.00	
Shut In Tool	5.00			4028.00	
Hydraulic tool	5.00			4033.00	
Packer	4.00			4037.00	20.00 Bottom Of Top Packer
Packer	5.00			4042.00	
Stubb	1.00			4043.00	
Perforations	5.00			4048.00	
Recorder	0.00	8319	Inside	4048.00	
Recorder	0.00	8369	Inside	4048.00	
Change Over Sub	1.00			4049.00	
Blank Spacing	30.00			4079.00	
Change Over Sub	1.00			4080.00	
Perforations	2.00			4082.00	
Bullnose	3.00			4085.00	43.00 Bottom Packers & Anchor

Total Tool Length: 63.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers

Epler #3-23

1710 Waterfront Pkwy
Wichita, KS 67206

23-9-26 Sheridan KS

Job Ticket: 34985

DST#: 4

ATTN: Jeff C

Test Start: 2009.02.26 @ 14:27:56

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 1600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Oil Scum Mud	0.431

Total Length: 50.00 ft Total Volume: 0.431 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

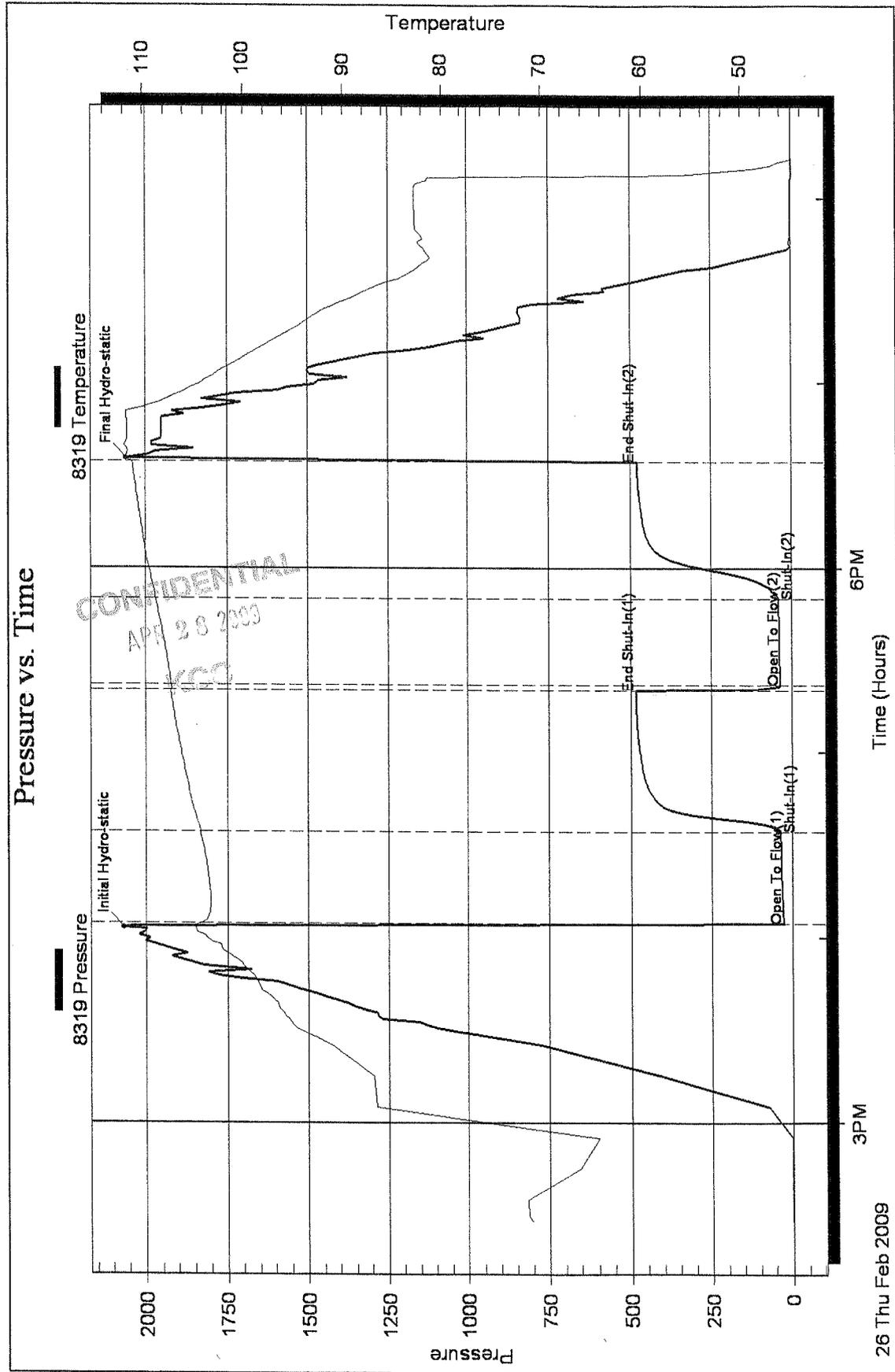
Serial #:

Laboratory Name:

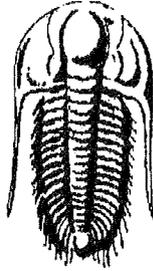
Laboratory Location:

Recovery Comments:

Pressure vs. Time



CONFIDENTIAL
 APR 28 2009
 KCC



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Oil Producers**

1710 Waterfront Pkwy
Wichita, KS 67206

CONFIDENTIAL
APR 28 2009
KCC

ATTN: Jeff C

23-9-26 Sheridan KS

Epler #3-23

Start Date: 2009.02.27 @ 02:16:21

End Date: 2009.02.27 @ 09:37:21

Job Ticket #: 34986 DST #: 5

KANSAS CORPORATION COMMISSION

APR 29 2009

RECEIVED

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Oil Producers

Epler #3-23

23-9-26 Sheridan KS

DST # 5

LKC:"K"

2009.02.27



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

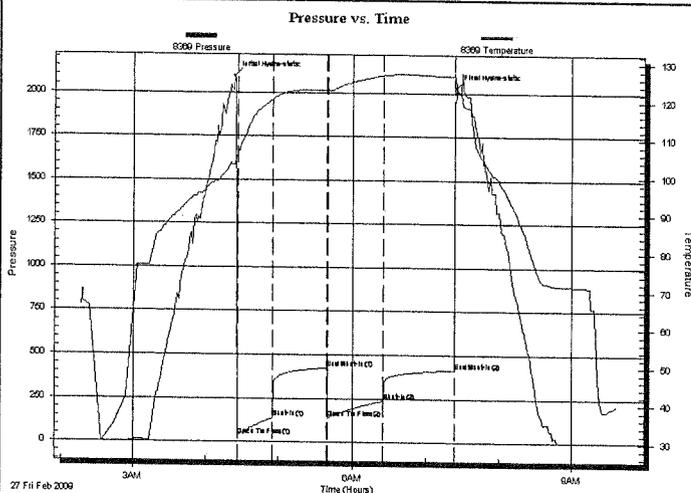
Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34986 **DST#: 5**
Test Start: 2009.02.27 @ 02:16:21

GENERAL INFORMATION:

Formation: **LKC"K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:25:51
Time Test Ended: 09:37:21
Interval: **4082.00 ft (KB) To 4108.00 ft (KB) (TVD)**
Total Depth: 4108.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Brett D
Unit No: 47
Reference Elevations: 2653.00 ft (KB)
2648.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8369 Inside
Press@RunDepth: 237.54 psig @ 4088.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2009.02.27 End Date: 2009.02.27 Last Calib.: 2009.02.27
Start Time: 02:16:26 End Time: 09:37:20 Time On Btm: 2009.02.27 @ 04:23:51
Time Off Btm: 2009.02.27 @ 07:25:20

TEST COMMENT: IF- BOB in 11min
IS- No blow
FF- 6in blow
FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2095.02	103.26	Initial Hydro-static
2	34.85	105.97	Open To Flow (1)
31	137.08	120.31	Shut-In (1)
76	424.12	122.98	End Shut-In (1)
77	140.69	122.88	Open To Flow (2)
122	237.54	126.87	Shut-In (2)
180	413.74	126.66	End Shut-In (2)
182	2029.25	123.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
260.00	MCW 70%W 30%M	3.41
120.00	WCM 45%W 55%M	1.70
60.00	OWCM 10%O 10%W 80%M	0.85
15.00	OIL	0.21
0.00	70ft GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Oil Producers

Epler #3-23

1710 Waterfront Pkwy
Wichita, KS 67206

23-9-26 Sheridan KS

ATTN: Jeff C

Job Ticket: 34986

DST#: 5

Test Start: 2009.02.27 @ 02:16:21

Tool Information

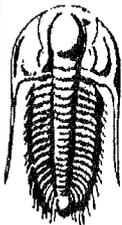
Drill Pipe:	Length: 4041.00 ft	Diameter: 3.82 inches	Volume: 57.28 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 57.43 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	4082.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4063.00	
Shut In Tool	5.00			4068.00	
Hydraulic tool	5.00			4073.00	
Packer	4.00			4077.00	20.00 Bottom Of Top Packer
Packer	5.00			4082.00	
Stubb	1.00			4083.00	
Perforations	5.00			4088.00	
Recorder	0.00	8319	Inside	4088.00	
Recorder	0.00	8369	Inside	4088.00	
Perforations	17.00			4105.00	
Bullnose	3.00			4108.00	26.00 Bottom Packers & Anchor

Total Tool Length: 46.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Oil Producers
1710 Waterfront Pkwy
Wichita, KS 67206
ATTN: Jeff C

Epler #3-23
23-9-26 Sheridan KS
Job Ticket: 34986 **DST#: 5**
Test Start: 2009.02.27 @ 02:16:21

Mud and Cushion Information

Mud Type: Air	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: 7.97 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1600.00 ppm			
Filter Cake: inches			

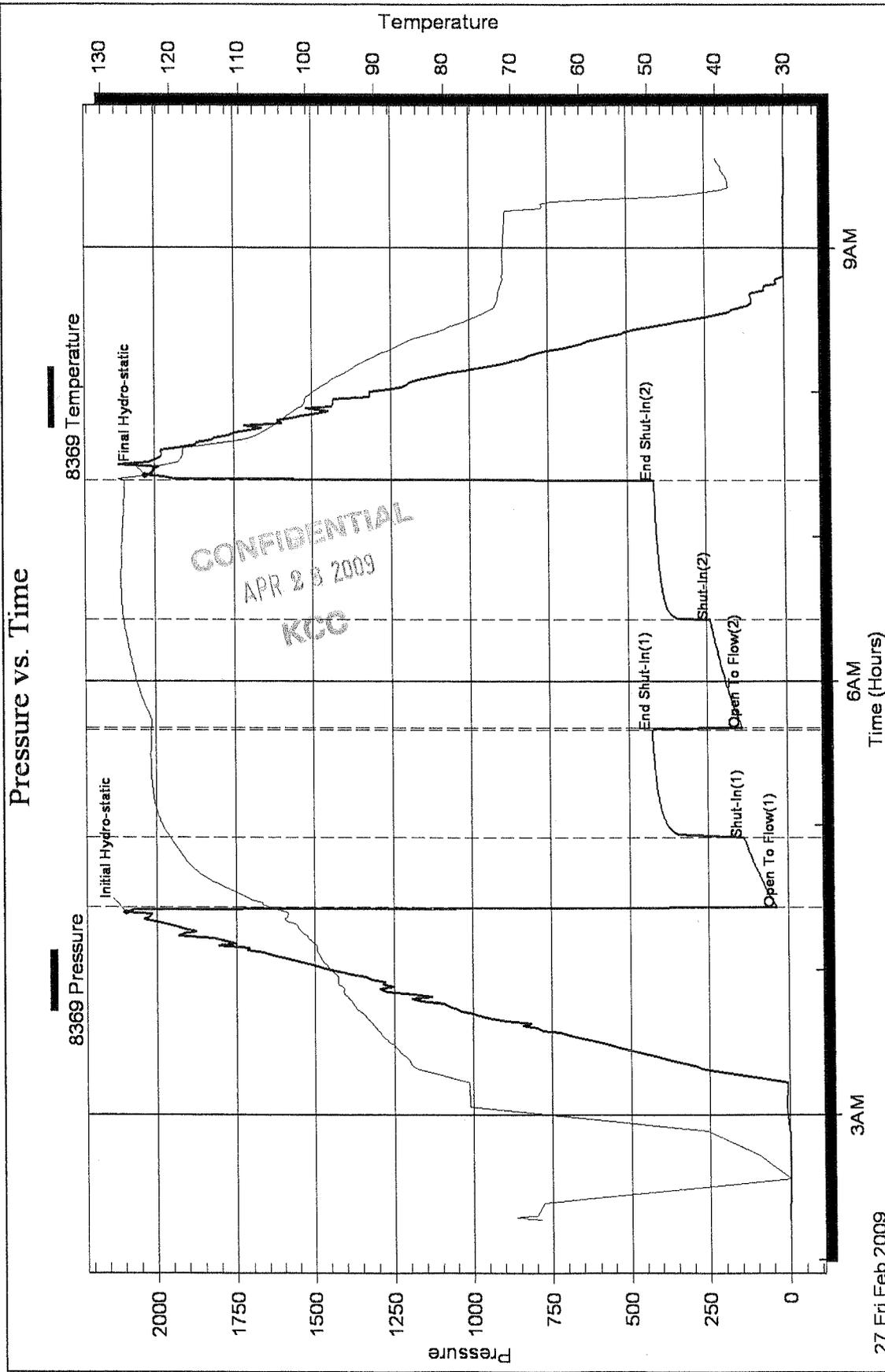
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
260.00	MCW 70%W 30%M	3.408
120.00	WCM 45%W 55%M	1.701
60.00	OWCM 10%O 10%W 80%M	0.851
15.00	OIL	0.213
0.00	70ft GIP	0.000

Total Length: 455.00 ft Total Volume: 6.173 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time



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 APR 23 2009
 KCC