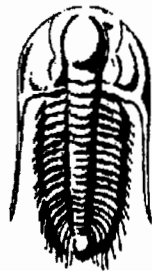


ORIGINAL



TRILOBITE
TESTING, INC.

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199 0 5 1998
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DRILL STEM TEST REPORT

Prepared For: **Tri-Ex Exploration**

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

ATTN: Ken Le Blanc

ORIGINAL

32 30s 11w

Ralph 1

Start Date: 2002.06.23 @ 18:07:35

End Date: 2002.06.24 @ 00:36:05

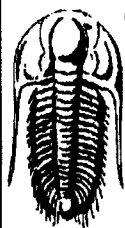
Job Ticket #: 15396 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tri-Ex Exploration

Ralph 1

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

32 30s 11w

Job Ticket: 15396

DST#: 1

ATTN: Ken Le Blanc

Test Start: 2002.06.23 @ 18:07:35

GENERAL INFORMATION:

Formation: **Elgin**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:52:35

Time Test Ended: 00:36:05

Test Type: Conventional Bottom Hole

Tester: Wenrich

Unit No: 14

Interval: **3545.00 ft (KB) To 3601.00 ft (KB) (TVD)**

Total Depth: 3601.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition: Fair

Reference Elevations: 1801.00 ft (KB)

1796.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3289

Inside

Press@RunDepth: 24.40 psig @ 3546.00 ft (KB)

Start Date: 2002.06.23

End Date:

2002.06.24

Capacity: 7000.00 psig

Last Calib.: 1899.12.30

Start Time: 18:07:40

End Time:

00:36:04

Time On Btm: 2002.06.23 @ 19:52:05

Time Off Btm: 2002.06.23 @ 22:54:19

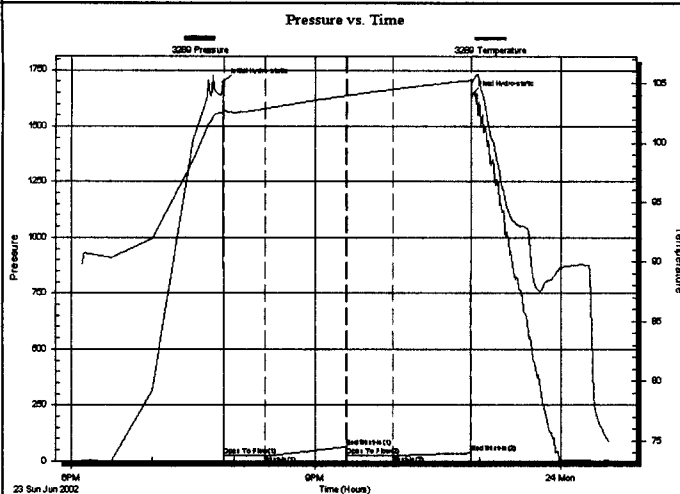
TEST COMMENT:

IF:No blow .

IS:No blow .

FF:No blow .

FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1695.13	102.54	Initial Hydro-static
1	26.42	102.72	Open To Flow (1)
31	24.22	102.86	Shut-In (1)
91	64.47	103.96	End Shut-In (1)
91	25.74	103.98	Open To Flow (2)
125	24.40	104.48	Shut-In (2)
182	35.87	105.23	End Shut-In (2)
183	1639.53	105.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100%	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tri-Ex Exploration

Ralph 1

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

32 30s 11w

Job Ticket: 15396

DST#: 1

ATTN: Ken Le Blanc

Test Start: 2002.06.23 @ 18:07:35

Tool Information

Drill Pipe:	Length: 3270.00 ft	Diameter: 3.80 inches	Volume: 45.87 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 285.00 ft	Diameter: 2.25 inches	Volume: 1.40 bbl	Weight to Pull Loose: 85000.00 lb
		Total Volume: 47.27 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	36.00 ft			String Weight: Initial 69000.00 lb
Depth to Top Packer:	3545.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	82.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3524.00	
HMV	5.00			3529.00	
Jars	5.00			3534.00	
Safety Joint	2.00			3536.00	
Packer	5.00			3541.00	26.00 Bottom Of Top Packer
Packer	4.00			3545.00	
Stubb	1.00			3546.00	
Recorder	0.00	3289	Inside	3546.00	
Perforations	5.00			3551.00	
C.O. Sub	1.00			3552.00	
Blank Spacing	32.00			3584.00	
C.O. Sub	0.00			3584.00	
Perforations	15.00			3599.00	
Recorder	0.00	10242	Outside	3599.00	
Bullnose	2.00			3601.00	56.00 Bottom Packers & Anchor

Total Tool Length: 82.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Tri-Ex Exploration

Ralph 1

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

32 30s 11w

Job Ticket: 15396

DST#: 1

ATTN: Ken Le Blanc

Test Start: 2002.06.23 @ 18:07:35

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: 8.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	m 100%	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: 1

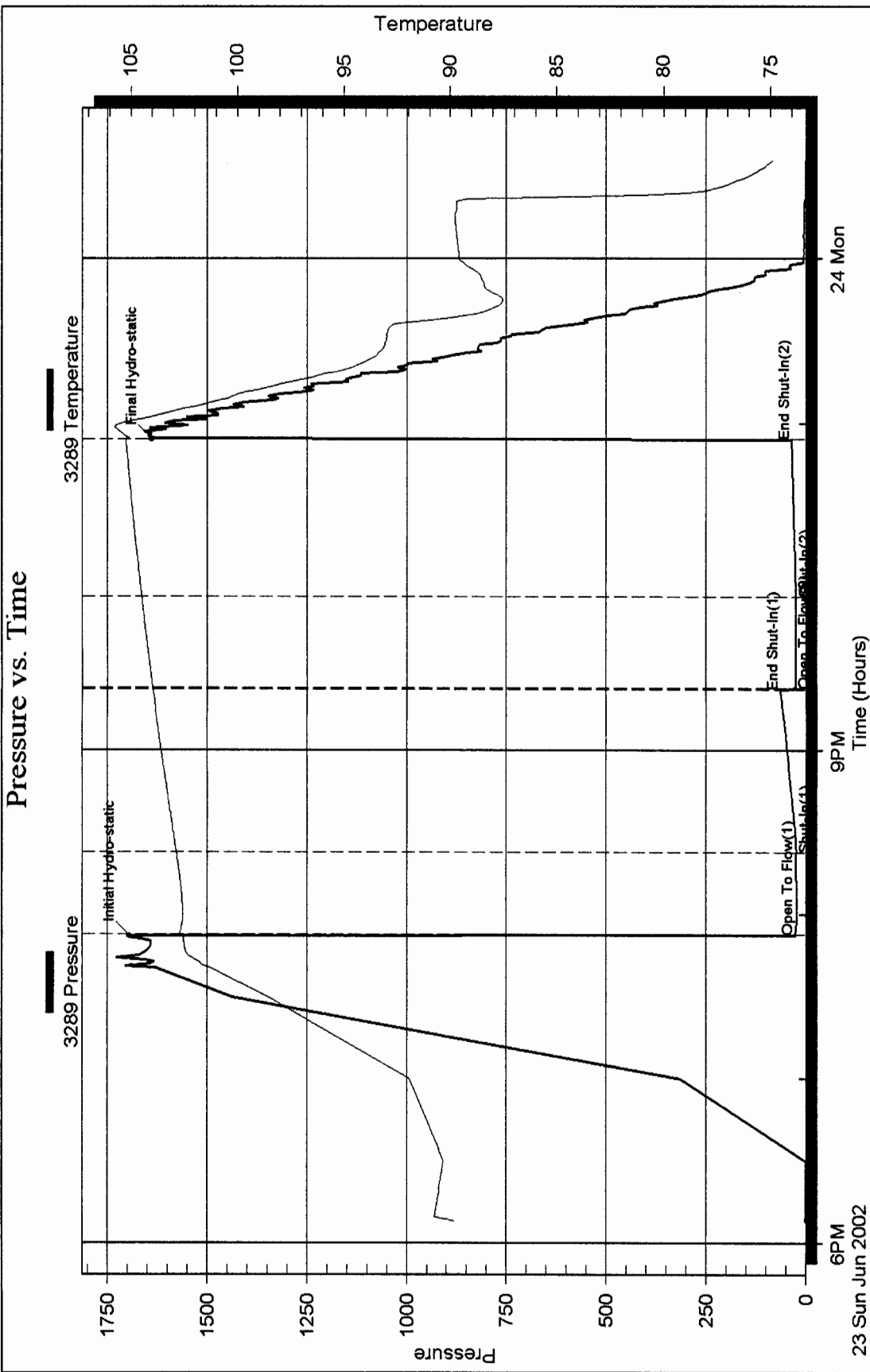
32 30s 11w

Tri-Ex Exploration

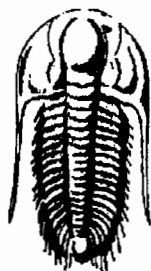
Inside

Serial #: 3289

Pressure vs. Time



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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tri-Ex Exploration**

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

ATTN: Ken Le Blanc

32 30s 11w

Ralph 1

Start Date: 2002.06.26 @ 03:38:56

End Date: 2002.06.26 @ 11:06:26

Job Ticket #: 15397

DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Tri-Ex Exploration

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

ATTN: Ken Le Blanc

Ralph 1

32 30s 11w

Job Ticket: 15397

DST#: 2

Test Start: 2002.06.26 @ 03:38:56

GENERAL INFORMATION:

Formation: **Mississippian**

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

Time Tool Opened: 06:41:11

Time Test Ended: 11:06:26

Test Type: **Conventional Bottom Hole**

Tester: **Wenrich**

Unit No: **14**

Interval: **4428.00 ft (KB) To 4470.00 ft (KB) (TVD)**

Total Depth: **4470.00 ft (KB) (TVD)**

Hole Diameter: **7.79 inches** Hole Condition: **Fair**

Reference Elevations: **1801.00 ft (KB)**

1796.00 ft (CF)

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

Serial #: 3289

Inside

Press@RunDepth: **32.97 psig @ 4429.00 ft (KB)**

Start Date: **2002.06.26**

End Date: **2002.06.26**

Capacity: **7000.00 psig**

Last Calib.: **1899.12.30**

Start Time: **03:39:01**

End Time: **11:06:25**

Time On Btm: **2002.06.26 @ 06:40:41**

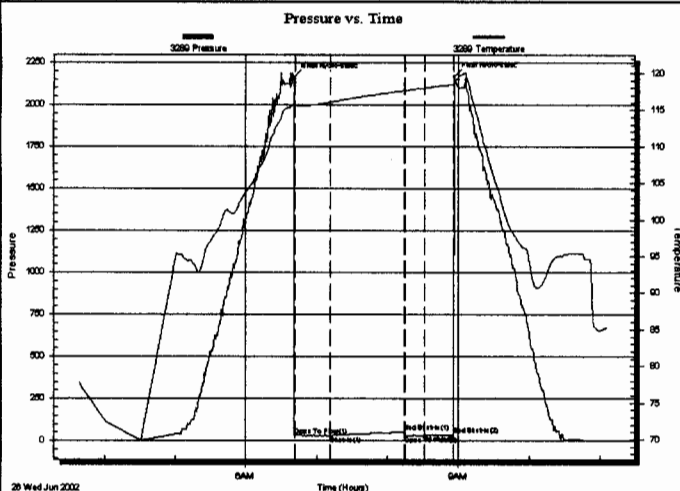
Time Off Btm: **2002.06.26 @ 08:56:25**

TEST COMMENT: **F:Weak blow .1/4"-1".Died back to 3/4".**

IS:No blow .

FF:No blow .

FSI:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.34	115.71	Initial Hydro-static
1	30.61	115.75	Open To Flow (1)
31	32.09	116.06	Shut-in(1)
94	52.66	117.63	End Shut-in(1)
94	31.43	117.65	Open To Flow (2)
111	32.97	118.00	Shut-in(2)
136	37.41	118.46	End Shut-in(2)
136	2168.27	119.68	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100%	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tri-Ex Exploration

Ralph 1

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

32 30s 11w

Job Ticket: 15397

DST#: 2

ATTN: Ken Le Blanc

Test Start: 2002.06.26 @ 03:38:56

Tool Information

Drill Pipe:	Length: 4175.00 ft	Diameter: 3.80 inches	Volume: 58.56 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 240.00 ft	Diameter: 2.25 inches	Volume: 1.18 bbl	Weight to Pull Loose: 80000.00 lb
			Total Volume: 59.74 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4428.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	68.00 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
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S.I. Tool	5.00			4407.00	
HMV	5.00			4412.00	
Jars	5.00			4417.00	
Safety Joint	2.00			4419.00	
Packer	5.00			4424.00	26.00 Bottom Of Top Packer
Packer	4.00			4428.00	
Stubb	1.00			4429.00	
Recorder	0.00	3289	Inside	4429.00	
Perforations	39.00			4468.00	
Recorder	0.00	10242	Outside	4468.00	
Bullnose	2.00			4470.00	42.00 Bottom Packers & Anchor

Total Tool Length: 68.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tri-Ex Exploration

Ralph 1

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

32 30s 11w

Job Ticket: 15397

DST#: 2

ATTN: Ken Le Blanc

Test Start: 2002.06.26 @ 03:38:56

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	m 100%	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: 2

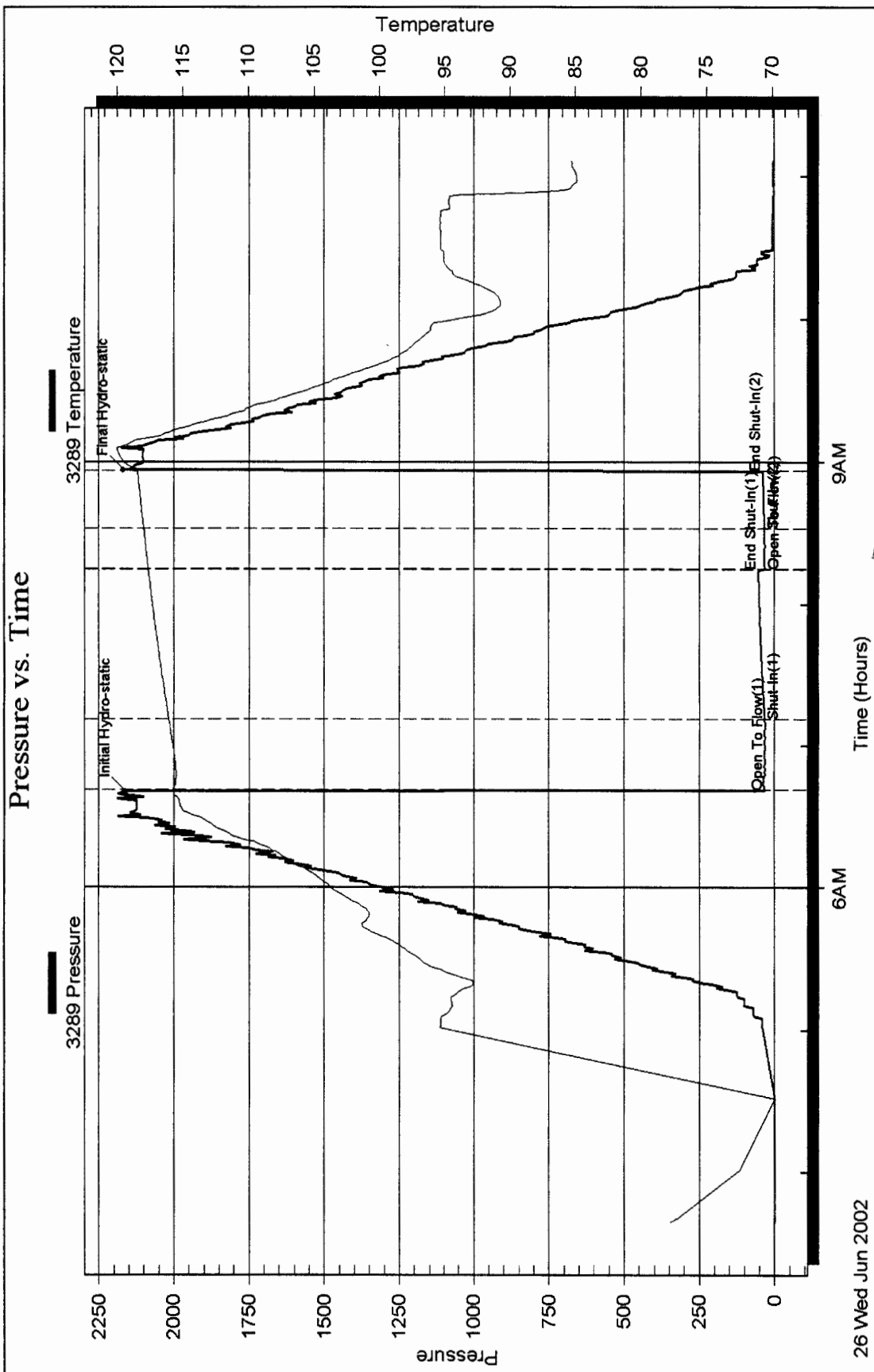
32 30s 11w

Tri-Ex Exploration

Inside

Serial #: 3289

Pressure vs. Time

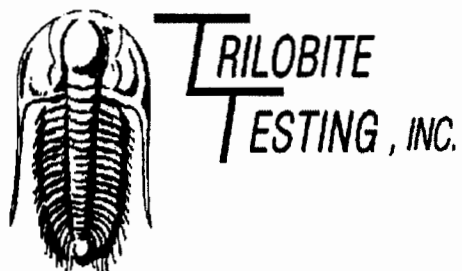


32 30s 11w
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Ref. No: 15397

Trilobite Testing, Inc

Printed: 2002.07.01 @ 09:23:01 Page 5



DRILL STEM TEST REPORT

Prepared For: **Tri-Ex Exploration**

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

ATTN: Ken Le Blanc

32 30s 11w

Ralph 1

Start Date: 2002.06.27 @ 08:49:55

End Date: 2002.06.27 @ 14:44:40

Job Ticket #: 15398 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tri-Ex Exploration

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

ATTN: Ken Le Blanc

Ralph 1

32 30s 11w

Job Ticket: 15398

DST#: 3

Test Start: 2002.06.27 @ 08:49:55

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:33:40

Time Test Ended: 14:44:40

Test Type: Conventional Bottom Hole

Tester: Wenrich

Unit No: 14

Interval: **4695.00 ft (KB) To 4724.00 ft (KB) (TVD)**

Total Depth: 4724.00 ft (KB) (TVD)

Hole Diameter: 7.79 inches Hole Condition: Fair

Reference Elevations: 1801.00 ft (KB)

1796.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 3289

Inside

Press@RunDepth: 34.47 psig @ 4696.00 ft (KB)

Start Date: 2002.06.27

End Date:

2002.06.27

Capacity: 7000.00 psig

Last Calib.:

1899.12.30

Start Time: 08:50:00

End Time:

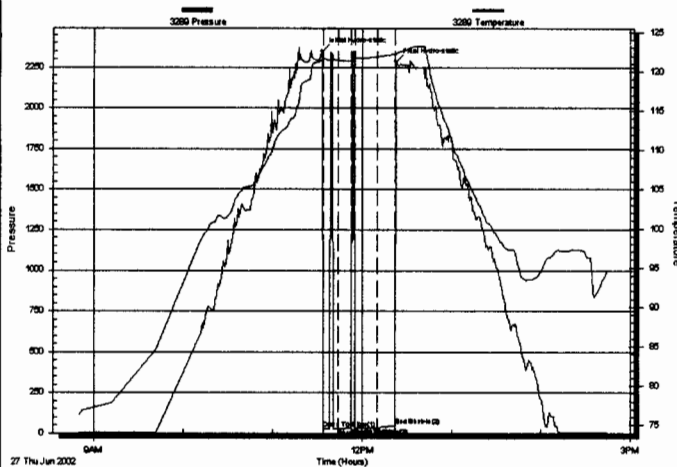
14:44:39

Time On Btm: 2002.06.27 @ 11:33:10

Time Off Btm: 2002.06.27 @ 12:22:25

TEST COMMENT: IF:No blow .Flush tool.No blow .
IS:No blow .
FF:No blow .Flush tool.No blow .
FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2348.04	121.56	Initial Hydro-static
1	28.10	121.68	Open To Flow (1)
11	30.29	121.41	Shut-In(1)
20	36.45	121.38	End Shut-In(1)
23	33.51	121.61	Open To Flow (2)
37	34.47	121.88	Shut-In(2)
49	47.97	122.20	End Shut-In(2)
50	2284.41	122.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m 100%	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tri-Ex Exploration

Ralph 1

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

32 30s 11w

Job Ticket: 15398

DST#: 3

ATTN: Ken Le Blanc

Test Start: 2002.06.27 @ 08:49:55

Tool Information

Drill Pipe:	Length: 4390.00 ft	Diameter: 3.80 inches	Volume: 61.58 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 285.00 ft	Diameter: 2.25 inches	Volume: 1.40 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 62.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4695.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	29.00 ft			
Tool Length:	55.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			4674.00	
HMV	5.00			4679.00	
Jars	5.00			4684.00	
Safety Joint	2.00			4686.00	
Packer	5.00			4691.00	26.00 Bottom Of Top Packer
Packer	4.00			4695.00	
Stubb	1.00			4696.00	
Recorder	0.00	3289	Inside	4696.00	
Perforations	26.00			4722.00	
Recorder	0.00	10242	Outside	4722.00	
Bullnose	2.00			4724.00	29.00 Bottom Packers & Anchor

Total Tool Length: 55.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tri-Ex Exploration

Ralph 1

6051 N. Brookline ste.111b
Oklahoma City, OK 73112

32 30s 11w

Job Ticket: 15398

DST#: 3

ATTN: Ken Le Blanc

Test Start: 2002.06.27 @ 08:49:55

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: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	m 100%	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 30s 11w

Tri-Ex Exploration

Inside

Serial #: 3289

Pressure vs. Time

