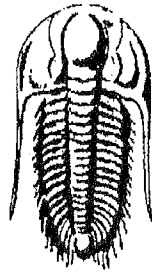


15-009-24849

26-17s-14w

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tengasco**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

26-17s-14w-Barton

Ben Tempero A#3

Start Date: 2005.09.21 @ 16:21:07

End Date: 2005.09.21 @ 23:49:05

Job Ticket #: 23687 DST #: 1

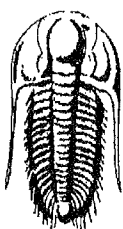
API

15-009-24849-00-00

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Tengasco

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

Ben Tempero A#3

26-17s-14w-Barton

Job Ticket: 23687

DST#: 1

Test Start: 2005.09.21 @ 16:21:07

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:28:50

Time Test Ended: 23:49:05

Test Type: Conventional Bottom Hole

Tester: Joe

Unit No: 13

Interval: **3123.00 ft (KB) To 3150.00 ft (KB) (TVD)**

Total Depth: 3150.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1865.00 ft (KB)

1856.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6751

Inside

Press@RunDepth: 20.10 psig @ 3124.00 ft (KB)

Start Date: 2005.09.21

End Date:

2005.09.21

Start Time: 16:21:07

End Time:

22:49:05

Capacity: 7000.00 psig

Last Calib.: 2005.09.22

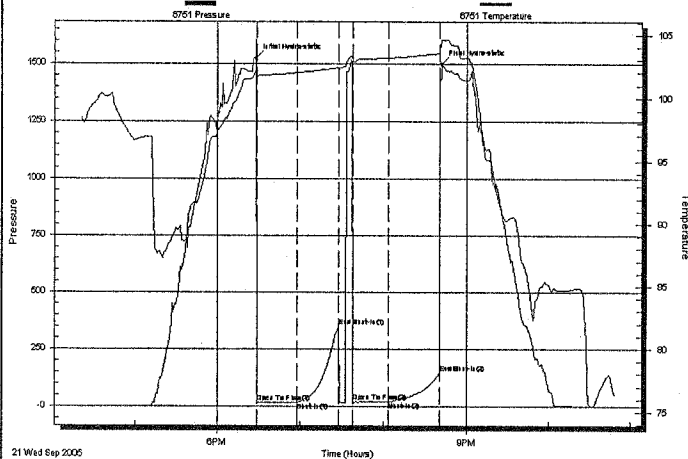
Time On Btm: 2005.09.21 @ 18:28:05

Time Off Btm: 2005.09.21 @ 20:41:35

TEST COMMENT: IF-Weak surface blow died after 15min
FF- No blow

ISI- No blow
FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

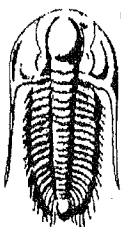
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1522.24	102.06	Initial Hydro-static
1	14.88	101.78	Open To Flow (1)
30	15.49	102.01	Shut-In(1)
60	350.14	102.41	End Shut-In(1)
70	18.77	102.99	Open To Flow (2)
96	20.10	103.19	Shut-In(2)
132	144.74	103.54	End Shut-In(2)
134	1499.46	104.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM100%	0.28

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco

Ben Tempero A#3

PO Box 458
Hays KS 67601

26-17s-14w-Barton

Job Ticket: 23687

DST#: 1

ATTN: Rod Tremblay

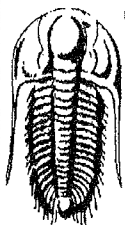
Test Start: 2005.09.21 @ 16:21:07

Tool Information

Drill Pipe:	Length: 3126.00 ft	Diameter: 3.80 inches	Volume: 43.85 bbl	Tool Weight:	2000.00 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
			Total Volume: 43.85 bbl	Tool Chased	5.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial	30000.00 lb
Depth to Top Packer:	3123.00 ft			Final	30000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	27.00 ft				
Tool Length:	47.00 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			3108.00		
Hydraulic tool	5.00			3113.00		
Packer	5.00			3118.00	20.00	Bottom Of Top Packer
Packer	5.00			3123.00		
Stubb	1.00			3124.00		
Recorder	0.00	6751	Inside	3124.00		
Perforations	23.00			3147.00		
Recorder	0.00	13548	Inside	3147.00		
Bullnose	3.00			3150.00	27.00	Bottom Packers & Anchor
Total Tool Length:	47.00					



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco

Ben Temporo A#3

PO Box 458
Hays KS 67601

26-17s-14w-Barton

Job Ticket: 23687

DST#: 1

ATTN: Rod Tremblay

Test Start: 2005.09.21 @ 16:21:07

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: 12.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	DM100%	0.281

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

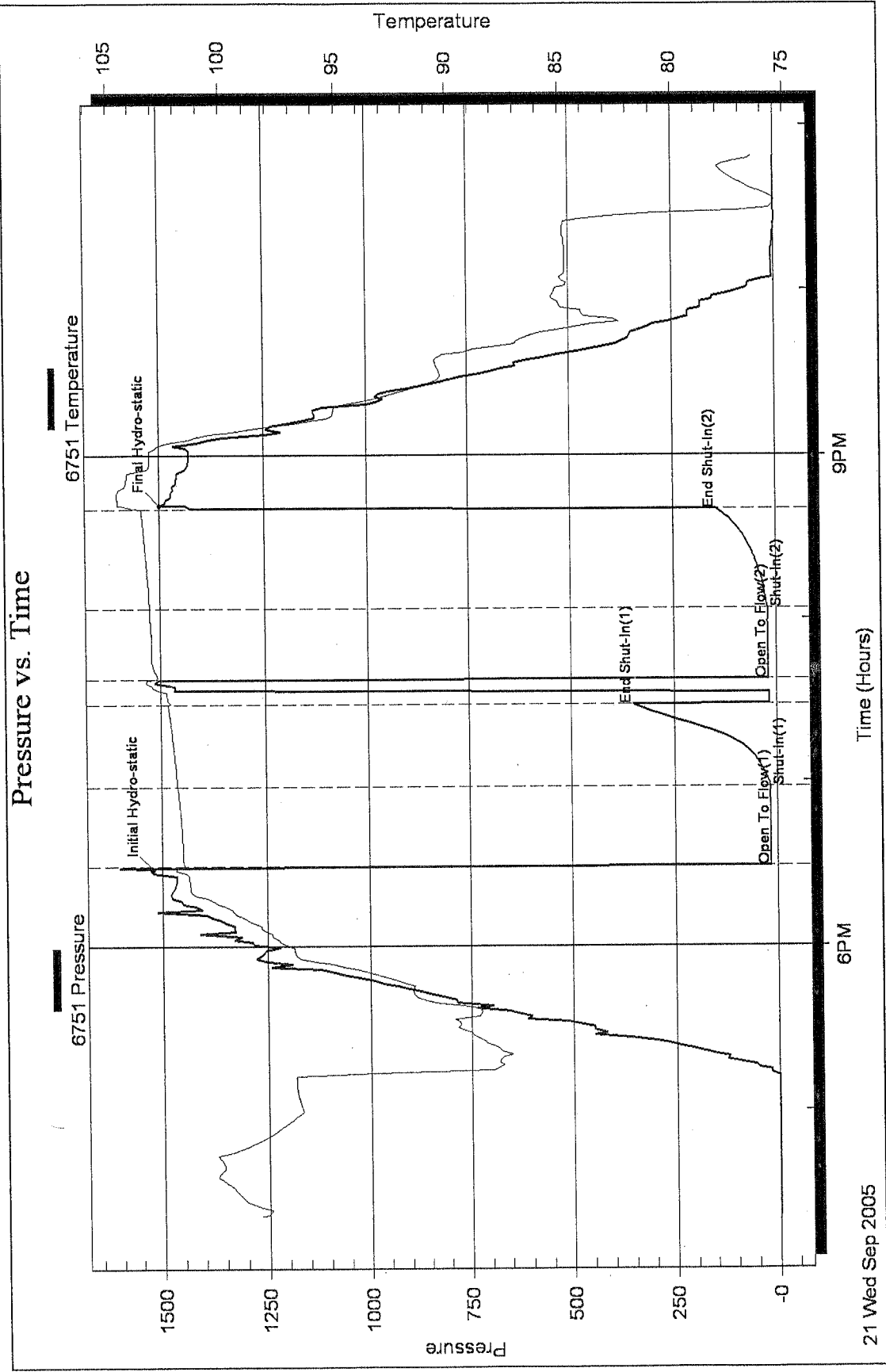
DST Test Number: 1

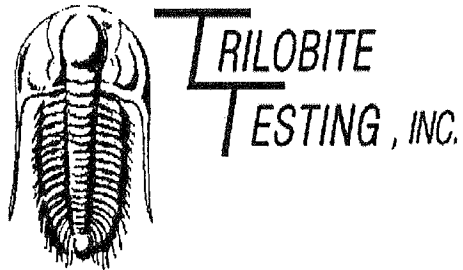
26-17s-14w-Barton

Tengasco

Inside

Serial #: 6751





DRILL STEM TEST REPORT

Prepared For: **Tengasco**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

26-17s-14w-Barton

Ben Tempero A#3

Start Date: 2005.09.22 @ 16:30:44

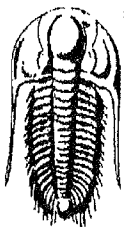
End Date: 2005.09.22 @ 22:31:29

Job Ticket #: 23688 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

Tengasco

Ben Tempero A#3

PO Box 458
Hays KS 67601

26-17s-14w-Barton

Job Ticket: 23688

DST#: 2

ATTN: Rod Tremblay

Test Start: 2005.09.22 @ 16:30:44

GENERAL INFORMATION:

Formation: **Lansing**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:23:29

Time Test Ended: 22:31:29

Test Type: Conventional Bottom Hole

Tester: Joe

Unit No: 13

Interval: **3249.00 ft (KB) To 3310.00 ft (KB) (TVD)**

Total Depth: 3150.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1865.00 ft (KB)

1856.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6751**

Inside

Press@RunDepth: 20.51 psig @ 3283.00 ft (KB)

Start Date: 2005.09.22 End Date: 2005.09.22

Start Time: 16:30:46 End Time: 22:31:29

Capacity: 7000.00 psig

Last Calib.: 2005.09.22

Time On Btm: 2005.09.22 @ 18:22:59

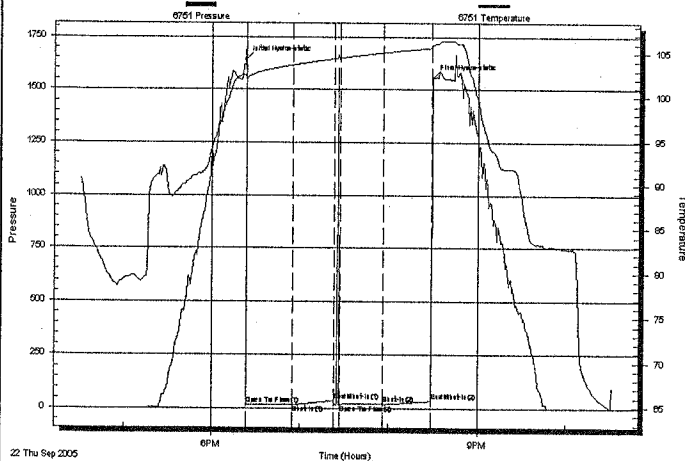
Time Off Btm: 2005.09.22 @ 20:28:59

TEST COMMENT: IF- Weak surface blow built to quarter inch in
FF-No blow

ISI- No blow

FSI-No blow

Pressure vs. Time



PRESSURE SUMMARY

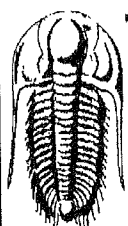
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1641.73	102.51	Initial Hydro-static
1	18.36	102.17	Open To Flow (1)
32	19.04	103.64	Shut-In(1)
60	37.80	104.37	End Shut-In(1)
64	20.16	104.37	Open To Flow (2)
93	20.51	105.06	Shut-In(2)
126	34.82	105.62	End Shut-In(2)
126	1557.62	105.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	DM100%	0.28

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco

Ben Tempero A#3

PO Box 458
Hays KS 67601

26-17s-14w-Barton

Job Ticket: 23688

DST#: 2

ATTN: Rod Tremblay

Test Start: 2005.09.22 @ 16:30:44

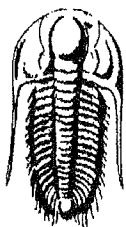
Tool Information

Drill Pipe:	Length: 3249.00 ft	Diameter: 3.80 inches	Volume: 45.57 bbl	Tool Weight:	2000.00 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:	70000.00 lb
			Total Volume: 45.57 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	32000.00 lb
Depth to Top Packer:	3249.00 ft			Final	32000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	61.00 ft				
Tool Length:	81.00 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			3234.00	
Hydraulic tool	5.00			3239.00	
Packer	5.00			3244.00	20.00 Bottom Of Top Packer
Packer	5.00			3249.00	
Stubb	1.00			3250.00	
Change Over Sub	1.00			3251.00	
Blank Spacing	31.00			3282.00	
Change Over Sub	1.00			3283.00	
Recorder	0.00	6751	Inside	3283.00	
Perforations	24.00			3307.00	
Recorder	0.00	13548	Inside	3307.00	
Bullnose	3.00			3310.00	61.00 Bottom Packers & Anchor

Total Tool Length: 81.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco

Ben Tempero A#3

PO Box 458
Hays KS 67601

26-17s-14w-Barton

Job Ticket: 23688

DST#: 2

ATTN: Rod Tremblay

Test Start: 2005.09.22 @ 16:30:44

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: 13.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	DM100%	0.281

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

26-17s-14w-Barton

Tengasco

Inside

Serial #: 6751

Pressure vs. Time

