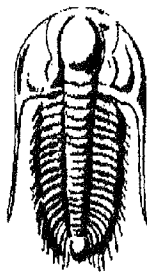


10-165-17w

RECEIVED  
OCT 17 2005  
KCC WICHITA



**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Tengasco Inc**  
P O Box 458  
Hays Ks 67601

ATTN: Ed Glassman

**10-16-17-Rush-Ks**

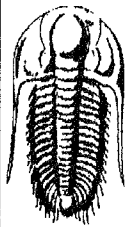
**Urban A # 6**

Start Date: 2005.09.04 @ 15:15:40  
End Date: 2005.09.04 @ 20:06:49  
Job Ticket #: 22182      DST #: 1

API      15-165-21775-00-00

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Tengasco Inc  
Urban A # 6  
10-16-17-Rush-Ks  
DST # 1  
Topeka  
2005.09.04



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Tengasco Inc

**Urban A # 6**

P O Box 458  
Hays Ks 67601

**10-16-17-Rush-Ks**

Job Ticket: 22182

**DST#: 1**

ATTN: Ed Glassman

Test Start: 2005.09.04 @ 15:15:40

## GENERAL INFORMATION:

Formation: **Topeka**

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

Time Tool Opened: 16:51:20

Time Test Ended: 20:06:49

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **2976.00 ft (KB) To 3035.00 ft (KB) (TVD)**

Total Depth: **3035.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2001.00 ft (KB)**

**1996.00 ft (CF)**

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

**Serial #: 6672**

**Inside**

Press@RunDepth: **16.96 psig @ 2981.00 ft (KB)**

Start Date: **2005.09.04**

End Date: **2005.09.04**

Capacity: **7000.00 psig**

Last Calib.: **2005.09.04**

Start Time: **15:15:41**

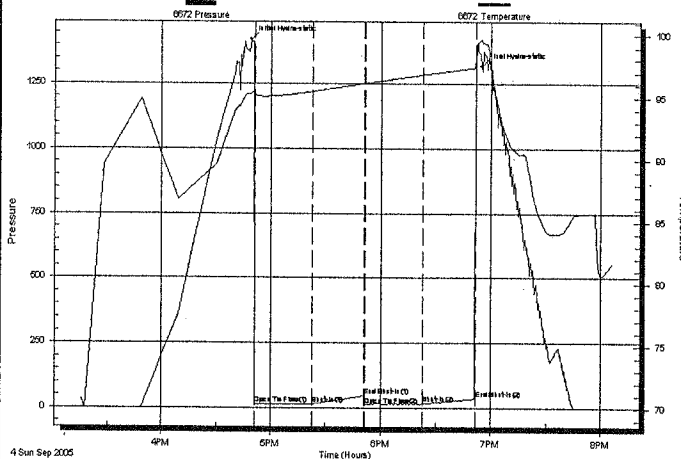
End Time: **20:06:50**

Time On Btm: **2005.09.04 @ 16:49:05**

Time Off Btm: **2005.09.04 @ 18:54:35**

TEST COMMENT: IF-Weak died in 12 min  
FF-WEak died in 5 min  
Times-30-30-30-30

Pressure vs. Time



## PRESSURE SUMMARY

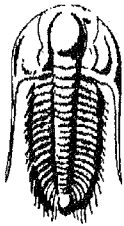
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1419.95	95.38	Initial Hydro-static
3	13.45	95.18	Open To Flow (1)
34	14.84	95.48	Shut-In(1)
62	47.68	96.13	End Shut-In(1)
63	12.46	96.14	Open To Flow (2)
94	16.96	96.83	Shut-In(2)
123	35.82	97.40	End Shut-In(2)
126	1317.85	99.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	DM	0.14

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Tengasco Inc

**Urban A # 6**

P O Box 458  
Hays Ks 67601

**10-16-17-Rush-Ks**

Job Ticket: 22182

**DST#: 1**

ATTN: Ed Glassman

Test Start: 2005.09.04 @ 15:15:40

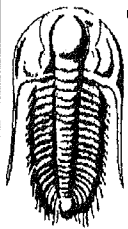
**Tool Information**

Drill Pipe:	Length: 2971.00 ft	Diameter: 3.80 inches	Volume: 41.68 bbl	Tool Weight: 2300.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 41.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	2976.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	80.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			2956.00	
Shut In Tool	5.00			2961.00	
Hydraulic tool	5.00			2966.00	
Packer	5.00			2971.00	21.00 Bottom Of Top Packer
Packer	5.00			2976.00	
Stubb	1.00			2977.00	
Perforations	3.00			2980.00	
Change Over Sub	1.00			2981.00	
Recorder	0.00	6672	Inside	2981.00	
Drill Pipe	31.00			3012.00	
Change Over Sub	1.00			3013.00	
Recorder	0.00	13254	Outside	3013.00	
Perforations	19.00			3032.00	
Bullnose	3.00			3035.00	59.00 Bottom Packers & Anchor

**Total Tool Length: 80.00**



**TRILOBITE**  
**TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Tengasco Inc

**Urban A # 6**

P O Box 458  
Hays Ks 67601

**10-16-17-Rush-Ks**

Job Ticket: 22182

**DST#: 1**

ATTN: Ed Glassman

Test Start: 2005.09.04 @ 15:15:40

## 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: 57.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.78 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	DM	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 6672

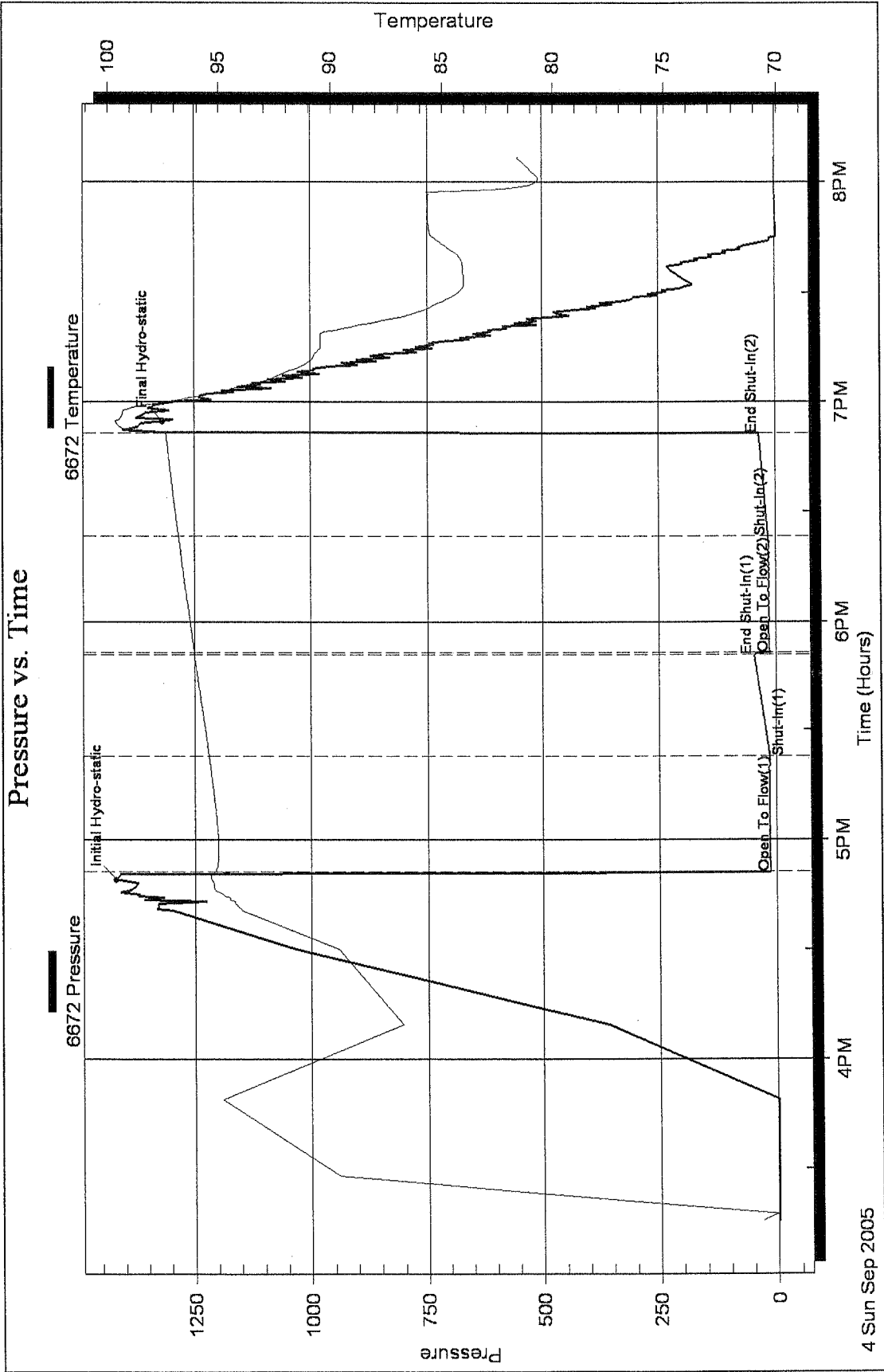
Inside

Tengasco Inc

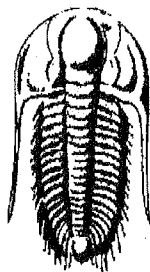
10-16-17-Rush-Ks

DST Test Number: 1

### Pressure vs. Time



4 Sun Sep 2005



**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

P O Box 458  
Hays Ks 67601

ATTN: Ed Glassman

**10-16-17-Rush-Ks**

**Urban A # 6**

Start Date: 2005.09.05 @ 11:55:19

End Date: 2005.09.05 @ 18:28:58

Job Ticket #: 22183                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Tengasco Inc

Urban A # 6

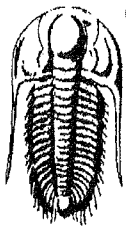
10-16-17-Rush-Ks

DST # 2

A-B-C

L

2005.09.05



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Tengasco Inc

Urban A # 6

P O Box 458  
Hays Ks 67601

10-16-17-Rush-Ks

Job Ticket: 22183

DST#: 2

ATTN: Ed Glassman

Test Start: 2005.09.05 @ 11:55:19

## GENERAL INFORMATION:

Formation: A-B-C L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:48:14

Time Test Ended: 18:28:58

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3274.00 ft (KB) To 3320.00 ft (KB) (TVD)

Total Depth: 3320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2001.00 ft (KB)

1996.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672 Inside

Press@RunDepth: 79.02 psig @ 3279.00 ft (KB)

Start Date: 2005.09.05

End Date:

2005.09.05

Capacity: 7000.00 psig

Last Calib.: 2005.09.05

Start Time: 11:55:20

End Time:

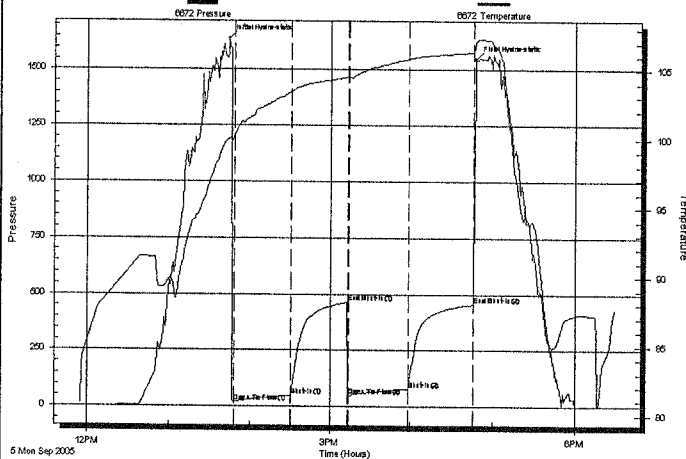
18:28:59

Time On Btm: 2005.09.05 @ 13:44:29

Time Off Btm: 2005.09.05 @ 16:47:13

TEST COMMENT: IF-Strong B-B in 3 min  
FF-Strong B-B in 3 min  
Times-45-45-45-45

Pressure vs. Time



## PRESSURE SUMMARY

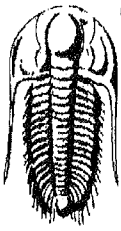
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1638.53	100.05	Initial Hydro-static
4	18.67	100.23	Open To Flow (1)
46	49.05	103.45	Shut-In(1)
89	463.30	104.53	End Shut-In(1)
90	47.91	104.53	Open To Flow (2)
134	79.02	105.85	Shut-In(2)
182	454.90	106.35	End Shut-In(2)
183	1548.67	107.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
154.00	O&GCM 20%g 30%o 50%m	2.16
0.00	588 GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Tengasco Inc

**Urban A # 6**

P O Box 458  
Hays Ks 67601

**10-16-17-Rush-Ks**

Job Ticket: 22183

**DST#: 2**

ATTN: Ed Glassman

Test Start: 2005.09.05 @ 11:55:19

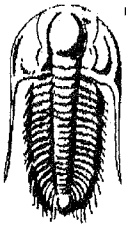
### Tool Information

Drill Pipe:	Length: 3283.00 ft	Diameter: 3.80 inches	Volume: 46.05 bbl	Tool Weight: 1800.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 46.05 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3274.00 ft			Final 34000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.00 ft			
Tool Length:	68.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3254.00	
Shut In Tool	5.00			3259.00	
Hydraulic tool	5.00			3264.00	
Packer	5.00			3269.00	21.00 Bottom Of Top Packer
Packer	5.00			3274.00	
Stubb	1.00			3275.00	
Perforations	3.00			3278.00	
Change Over Sub	1.00			3279.00	
Recorder	0.00	6672	Inside	3279.00	
Drill Pipe	31.00			3310.00	
Change Over Sub	1.00			3311.00	
Recorder	0.00	13254	Outside	3311.00	
Perforations	7.00			3318.00	
Bullnose	3.00			3321.00	47.00 Bottom Packers & Anchor

**Total Tool Length: 68.00**



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

## FLUID SUMMARY

Tengasco Inc

Urban A # 6

P O Box 458  
Hays Ks 67601

10-16-17-Rush-Ks

Job Ticket: 22183

DST#: 2

ATTN: Ed Glassman

Test Start: 2005.09.05 @ 11:55:19

### 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: 61.00 sec/qt

Cushion Volume: bbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 14000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
154.00	O&GCM 20%g 30%o 50%m	2.160
0.00	588 GIP	0.000

Total Length: 154.00 ft      Total Volume: 2.160 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6672

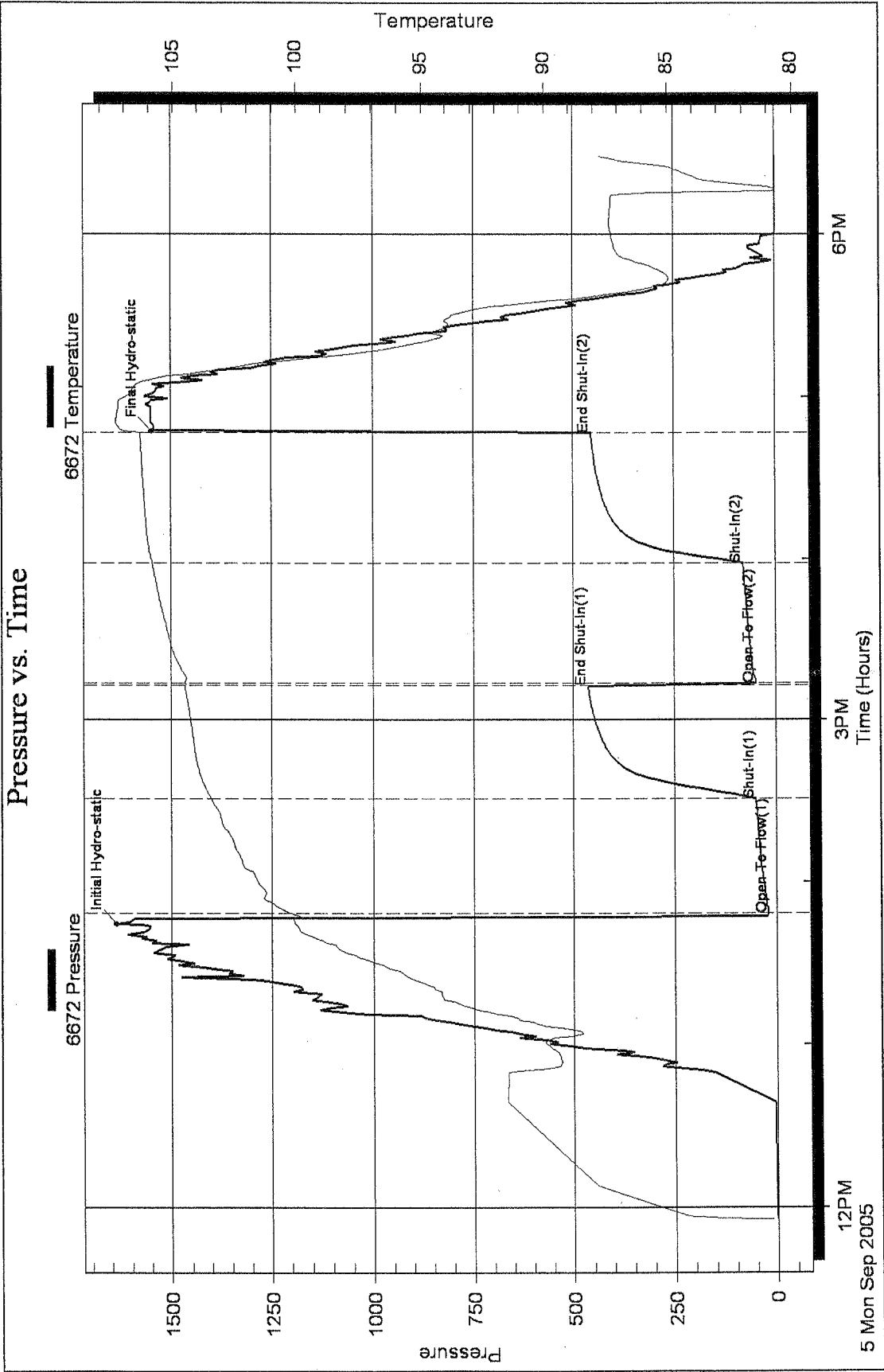
Inside

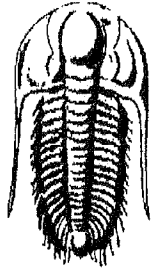
Tengasco Inc

10-16-17-Rush-Ks

DST Test Number: 2

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

P O Box 458  
Hays Ks 67601

ATTN: Ed Glassman

**10-16-17-Rush-Ks**

**Urban A # 6**

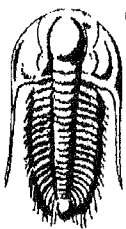
Start Date: 2005.09.06 @ 02:00:29

End Date: 2005.09.06 @ 10:28:59

Job Ticket #: 22184                      DST #: 3

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Tengasco Inc  
Urban A # 6  
10-16-17-Rush-Ks  
DST # 3  
E-F  
LKC  
2005.09.06



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Tengasco Inc

Urban A # 6

P O Box 458  
Hays Ks 67601

10-16-17-Rush-Ks

Job Ticket: 22184

DST#: 3

ATTN: Ed Glassman

Test Start: 2005.09.06 @ 02:00:29

### GENERAL INFORMATION:

Formation: E-F LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:40:59

Time Test Ended: 10:28:59

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 21

Interval: 3328.00 ft (KB) To 3370.00 ft (KB) (TVD)

Total Depth: 3370.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2001.00 ft (KB)

1996.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6672

Inside

Press@RunDepth: 579.58 psig @ 3333.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.09.06

End Date:

2005.09.06

Last Calib.:

2005.09.06

Start Time: 02:00:30

End Time:

10:28:59

Time On Btmr:

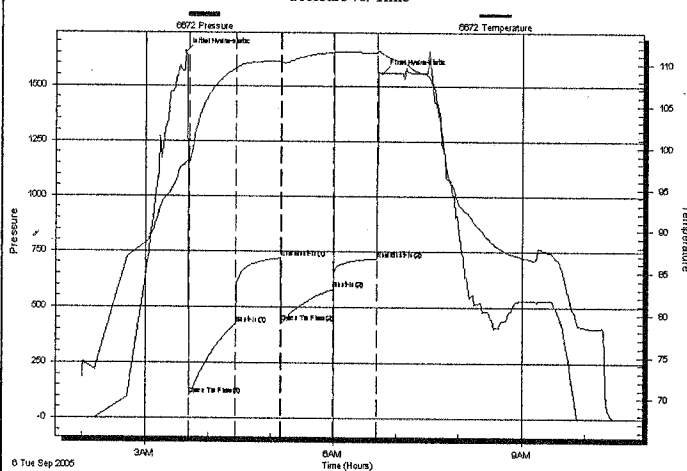
2005.09.06 @ 03:37:29

Time Off Btmr:

2005.09.06 @ 06:46:29

TEST COMMENT: IF-Strong B-B in 1 min  
IS-GTS in 1 min  
FF-Strong B-B in 1 min  
FSI-B-B in 5 min

Pressure vs. Time



### PRESSURE SUMMARY

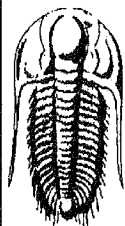
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1650.06	98.17	Initial Hydro-static
4	105.37	98.17	Open To Flow (1)
48	423.40	109.46	Shut-In(1)
92	717.81	110.39	End Shut-In(1)
93	429.89	110.26	Open To Flow (2)
142	579.58	111.43	Shut-In(2)
184	716.78	111.36	End Shut-In(2)
189	1557.37	111.29	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
124.00	Wtr Rw .10 @ 80 = 75000ppm	1.74
1237.00	CGsyO 30%g 70%o	17.35
124.00	HO&GCM 30%g 40%o 30%m	1.74

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Tengasco Inc

**Urban A # 6**

P O Box 458

**10-16-17-Rush-Ks**

Hays Ks 67601

Job Ticket: 22184

**DST#: 3**

ATTN: Ed Glassman

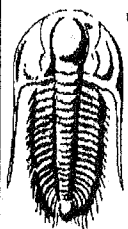
Test Start: 2005.09.06 @ 02:00:29

### Tool Information

Drill Pipe:	Length: 3316.00 ft	Diameter: 3.80 inches	Volume: 46.51 bbl	Tool Weight: 1700.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 46.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	3328.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	64.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3308.00	
Shut In Tool	5.00			3313.00	
Hydraulic tool	5.00			3318.00	
Packer	5.00			3323.00	21.00 Bottom Of Top Packer
Packer	5.00			3328.00	
Stubb	1.00			3329.00	
Perforations	3.00			3332.00	
Change Over Sub	1.00			3333.00	
Recorder	0.00	6672	Inside	3333.00	
Drill Pipe	31.00			3364.00	
Change Over Sub	1.00			3365.00	
Recorder	0.00	13254	Outside	3365.00	
Perforations	3.00			3368.00	
Bullnose	3.00			3371.00	43.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>64.00</b>				



**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc

Urban A # 6

P O Box 458  
Hays Ks 67601

10-16-17-Rush-Ks

Job Ticket: 22184

DST#: 3

ATTN: Ed Glassman

Test Start: 2005.09.06 @ 02:00:29

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

75000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 19.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	Wtr Rw .10 @ 80 = 75000ppm	1.739
1237.00	CGsyO 30%g 70%o	17.352
124.00	HO&GCM 30%g 40%o 30%m	1.739

Total Length: 1485.00 ft

Total Volume: 20.830 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6672

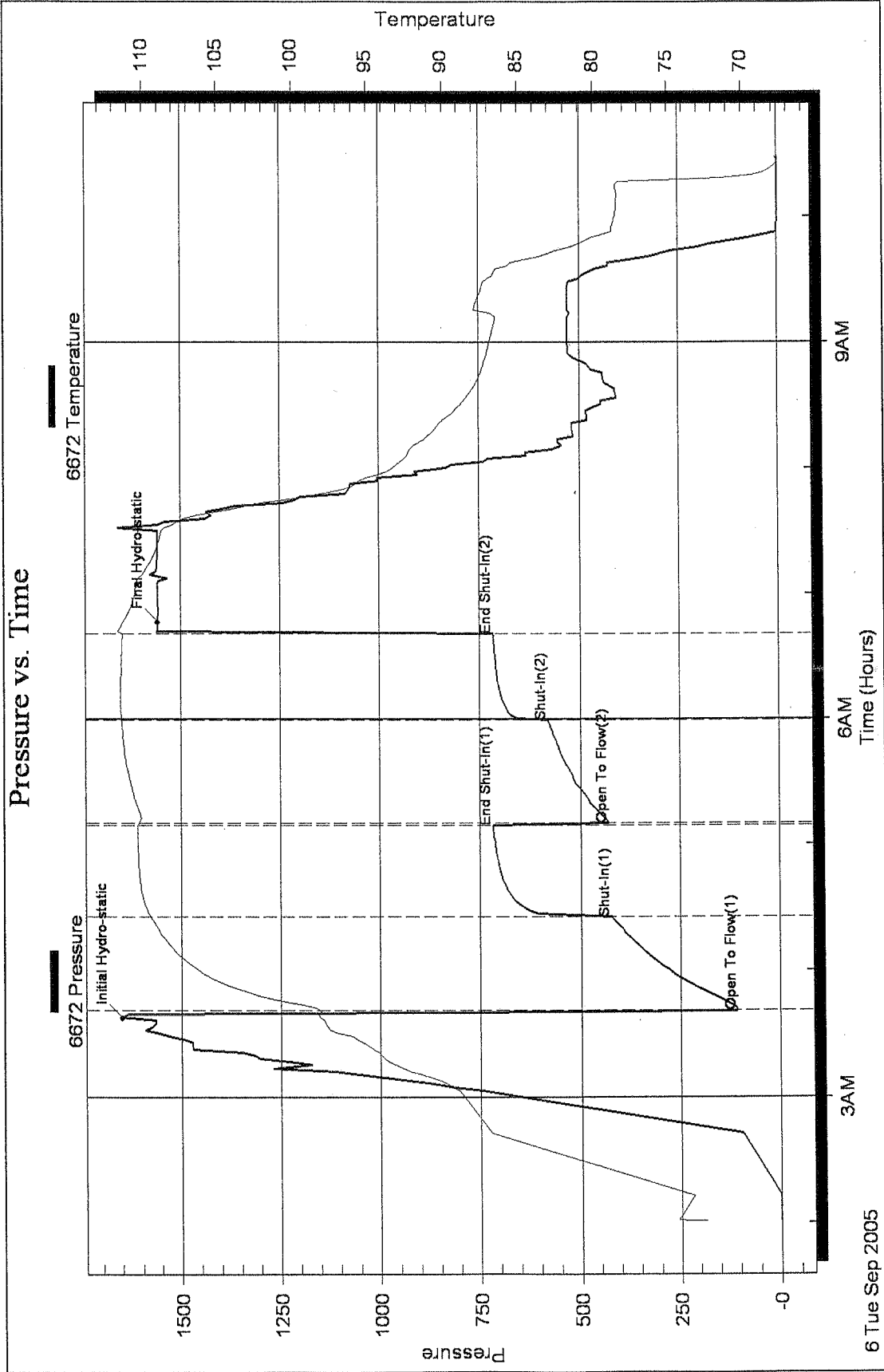
Inside

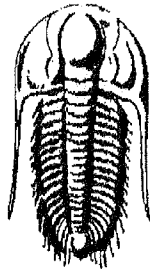
Tengasco Inc

10-16-17-Rush-Ks

DST Test Number: 3

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc**

P O Box 458  
Hays Ks 67601

ATTN: Ed Glassman

**10-16-17-Rush-Ks**

**Urban A # 6**

Start Date: 2005.09.06 @ 22:35:25

End Date: 2005.09.07 @ 04:33:55

Job Ticket #: 22185                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Tengasco Inc

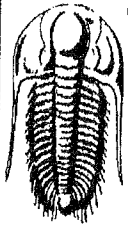
Urban A # 6

10-16-17-Rush-Ks

DST # 4

LKC

2005.09.06



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Tengasco Inc

**Urban A # 6**

P O Box 458  
Hays Ks 67601

**10-16-17-Rush-Ks**

Job Ticket: 22185

**DST#: 4**

ATTN: Ed Glassman

Test Start: 2005.09.06 @ 22:35:25

## GENERAL INFORMATION:

Formation: **LKC**  
 Deviated: **No** Whipstock: **ft (KB)**  
 Time Tool Opened: 00:16:25  
 Time Test Ended: 04:33:55

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **21**

Interval: **3411.00 ft (KB) To 3505.00 ft (KB) (TVD)**  
 Total Depth: **3505.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2001.00 ft (KB)**  
**1996.00 ft (CF)**  
 KB to GR/CF: **5.00 ft**

## Serial #: 6672

**Inside**

Press@RunDepth: **35.71 psig @ 3415.00 ft (KB)**

Start Date: **2005.09.06**

End Date:

**2005.09.07**

Capacity: **7000.00 psig**

Last Calib.: **2005.09.07**

Start Time: **22:35:26**

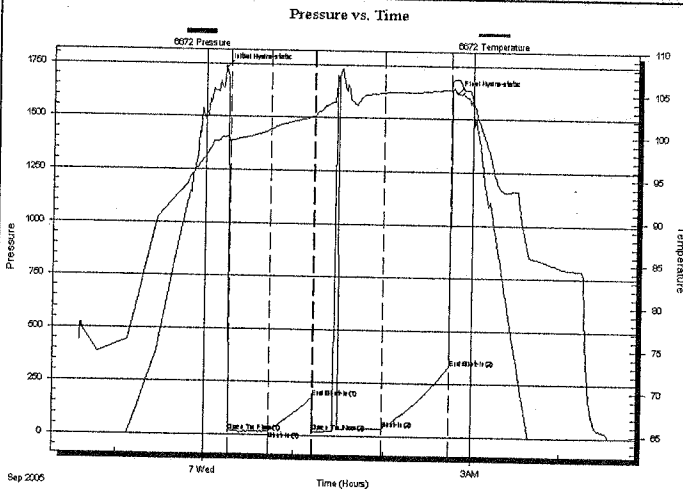
End Time:

**04:33:55**

Time On Btm: **2005.09.07 @ 00:13:25**

Time Off Btm: **2005.09.07 @ 02:48:25**

TEST COMMENT: IF-Weak steady surface blow  
 FF-Weak building to 4" Flushed tool  
 Times-30-30-45-45



## PRESSURE SUMMARY

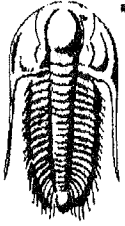
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1732.54	99.73	Initial Hydro-static
3	13.96	99.07	Open To Flow (1)
31	16.85	100.71	Shut-In(1)
59	178.49	102.29	End Shut-In(1)
60	18.73	102.32	Open To Flow (2)
106	35.71	105.11	Shut-In(2)
151	330.17	105.53	End Shut-In(2)
155	1621.21	106.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	DM	0.84

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Tengasco Inc

**Urban A # 6**

P O Box 458  
Hays Ks 67601

**10-16-17-Rush-Ks**

Job Ticket: 22185

**DST#: 4**

ATTN: Ed Glassman

Test Start: 2005.09.06 @ 22:35:25

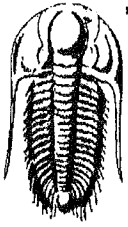
### Tool Information

Drill Pipe:	Length: 3410.00 ft	Diameter: 3.80 inches	Volume: 47.83 bbl	Tool Weight: 2400.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 39000.00 lb
			<u>Total Volume: 47.83 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	3411.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	94.00 ft			
Tool Length:	115.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3391.00	
Shut In Tool	5.00			3396.00	
Hydraulic tool	5.00			3401.00	
Packer	5.00			3406.00	21.00 Bottom Of Top Packer
Packer	5.00			3411.00	
Stubb	1.00			3412.00	
Perforations	3.00			3415.00	
Recorder	0.00	6672	Inside	3415.00	
Drill Pipe	62.00			3477.00	
Change Over Sub	1.00			3478.00	
Recorder	0.00	13254	Outside	3478.00	
Perforations	24.00			3502.00	
Bullnose	3.00			3505.00	94.00 Bottom Packers & Anchor

**Total Tool Length: 115.00**



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Tengasco Inc

Urban A # 6

P O Box 458  
Hays Ks 67601

10-16-17-Rush-Ks

Job Ticket: 22185

DST#: 4

ATTN: Ed Glassman

Test Start: 2005.09.06 @ 22:35:25

**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: 43.00 sec/qt

Cushion Volume:

bbf

Water Loss: 11.99 in<sup>3</sup>

Gas Cushion Type:

Gas Cushion Pressure:

psig

Resistivity: ohm.m

Salinity: 18000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
60.00	DM	0.842

Total Length: 60.00 ft

Total Volume: 0.842 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6672

Inside

Tengasco Inc

10-16-17-Rush-Ks

DST Test Number: 4

### Pressure vs. Time

