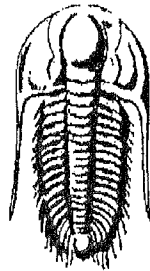


33-15s-11w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc.**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

33-15s-11w Russell

Foster B#9

Start Date: 2005.10.19 @ 20:16:07

End Date: 2005.10.20 @ 04:48:07

Job Ticket #: 21987 DST #: 1

15-167-23302-00-00

RECEIVED
KANSAS CORPORATION COMMISSION
JAN 17 2006
CONSERVATION DIVISION
WICHITA, KS

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 Inc.

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

Foster B#9

33-15s-11w Russell

Job Ticket: 21987

DST#: 1

Test Start: 2005.10.19 @ 20:16:07

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:36:52

Time Test Ended: 04:48:07

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 23

Interval: 2752.00 ft (KB) To 2800.00 ft (KB) (TVD)

Total Depth: 2800.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1795.00 ft (KB)

1784.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6771

Inside

Press@RunDepth: 101.13 psig @ 2753.00 ft (KB)

Start Date: 2005.10.19

End Date: 2005.10.20

Start Time: 20:16:12

End Time: 04:48:06

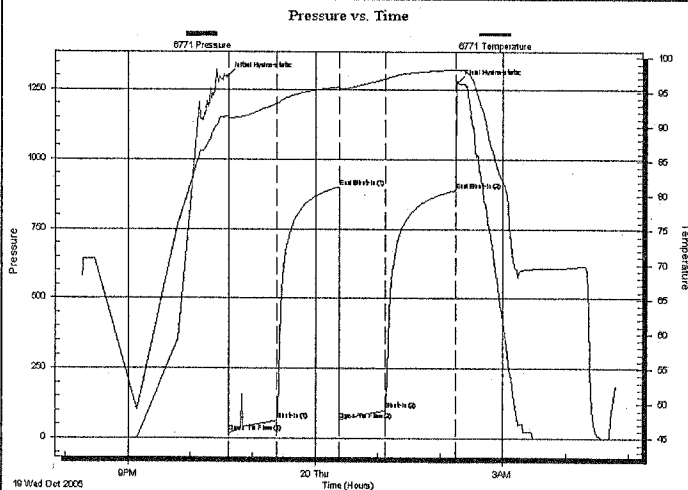
Capacity: 7000.00 psig

Last Calib.: 2005.10.20

Time On Btm: 2005.10.19 @ 22:35:37

Time Off Btm: 2005.10.20 @ 02:16:52

TEST COMMENT: IF:Weak blow . Slow increase to 5".
IS:No blow .
FF:Weak blow . Slow increase to 2 1/2".
FF:No blow .



PRESSURE SUMMARY

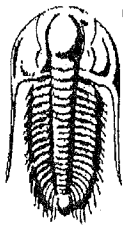
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1297.63	91.54	Initial Hydro-static
2	19.56	91.26	Open To Flow (1)
48	63.90	93.33	Shut-In(1)
107	900.62	95.75	End Shut-In(1)
108	66.11	95.53	Open To Flow (2)
152	101.13	96.86	Shut-In(2)
220	889.11	98.29	End Shut-In(2)
222	1274.15	98.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 18% m 82% w Rw .17 ohms @ 47 de0.59	
85.00	WM 30% w 70% m	0.42

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc.

Foster B#9

PO Box 458
Hays KS 67601

33-15s-11w Russell

Job Ticket: 21987

DST#: 1

ATTN: Rod Tremblay

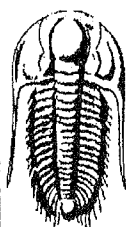
Test Start: 2005.10.19 @ 20:16:07

Tool Information

Drill Pipe:	Length: 2524.00 ft	Diameter: 3.80 inches	Volume: 35.41 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:	65000.00 lb
			Total Volume: 36.59 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	50000.00 lb
Depth to Top Packer:	2752.00 ft			Final	51000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	48.00 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			2733.00	
Shut In Tool	5.00			2738.00	
Hydraulic tool	5.00			2743.00	
Packer	4.00			2747.00	20.00 Bottom Of Top Packer
Packer	5.00			2752.00	
Stubb	1.00			2753.00	
Recorder	0.00	6771	Inside	2753.00	
Perforations	42.00			2795.00	
Recorder	0.00	13222	Outside	2795.00	
Bullnose	5.00			2800.00	48.00 Bottom Packers & Anchor
Total Tool Length:		68.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc.

Foster B#9

PO Box 458
Hays KS 67601

33-15s-11w Russell

Job Ticket: 21987

DST#: 1

ATTN: Rod Tremblay

Test Start: 2005.10.19 @ 20:16:07

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:

71000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW 18% ^m 82% ^w Rw .17 ohms @ 47 deg.	0.590
85.00	VM 30% ^w 70% ^m	0.418

Total Length: 205.00 ft

Total Volume: 1.008 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

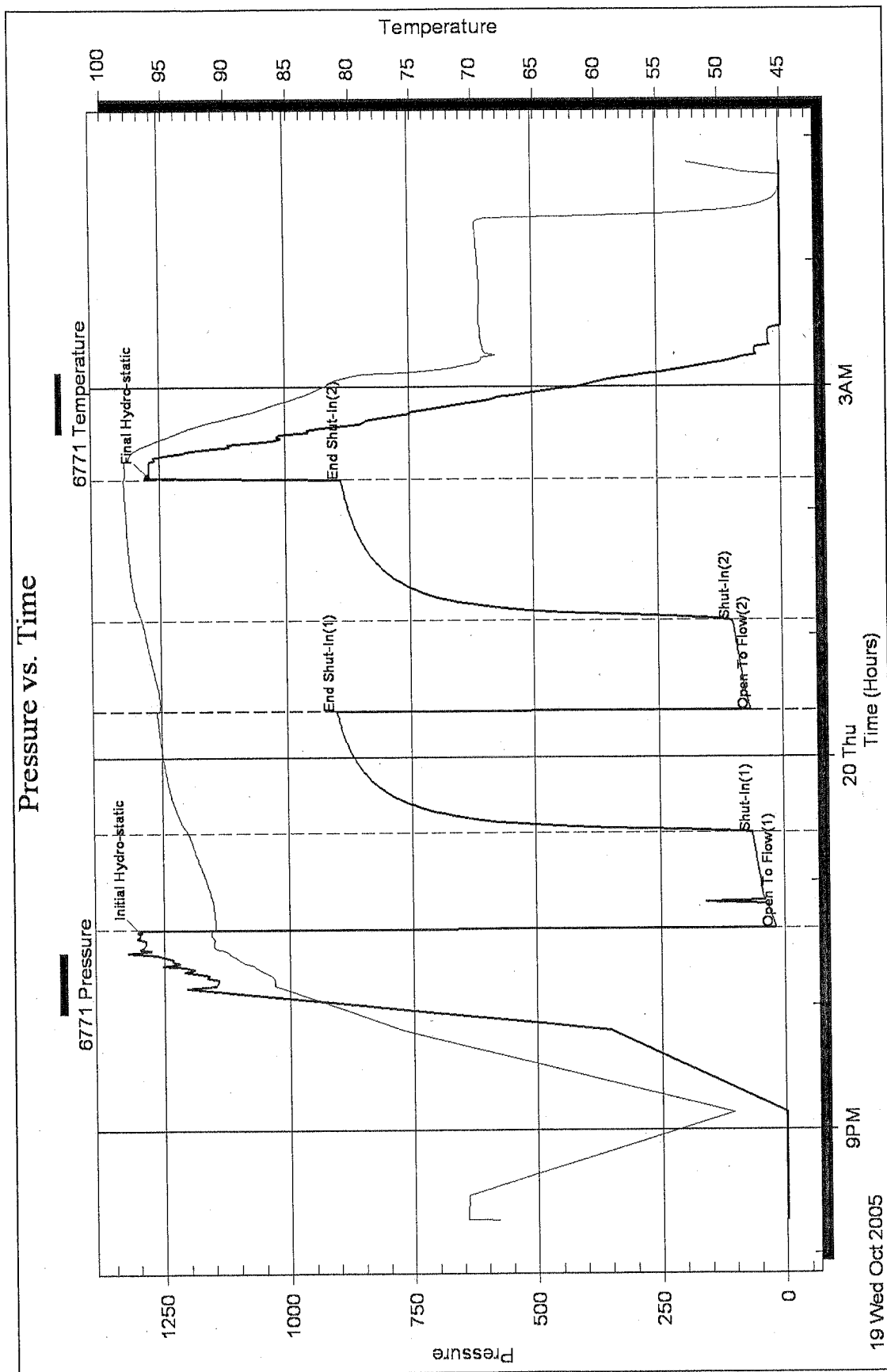
Serial #: none

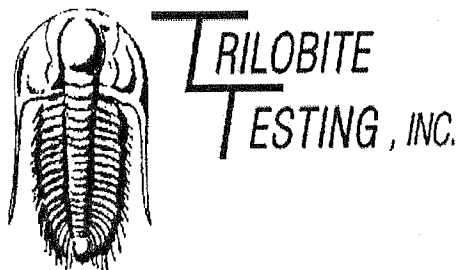
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc.**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

33-15s-11w Russell

Foster B#9

Start Date: 2005.10.20 @ 17:36:59

End Date: 2005.10.21 @ 01:43:59

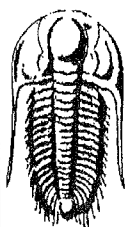
Job Ticket #: 21988

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 Inc.

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

Foster B#9

33-15s-11w Russell

Job Ticket: 21988

DST#: 2

Test Start: 2005.10.20 @ 17:36:59

GENERAL INFORMATION:

Formation: **Lans.**

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

Time Tool Opened: 19:47:14

Time Test Ended: 01:43:59

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **2920.00 ft (KB) To 2990.00 ft (KB) (TVD)**

Total Depth: **2990.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1795.00 ft (KB)**

1784.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: **6771**

Inside

Press@RunDepth: **70.09 psig @ 2921.00 ft (KB)**

Start Date: **2005.10.20**

End Date: **2005.10.21**

Start Time: **17:37:04**

End Time: **01:43:58**

Capacity: **7000.00 psig**

Last Calib.: **2005.10.21**

Time On Btm: **2005.10.20 @ 19:45:44**

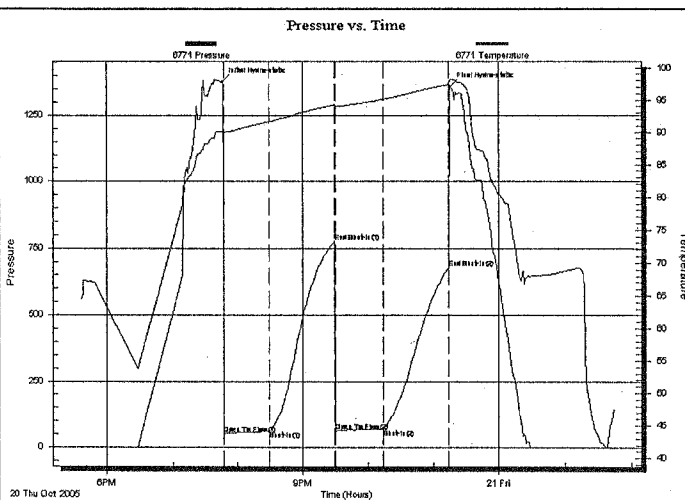
Time Off Btm: **2005.10.20 @ 23:15:44**

TEST COMMENT: IF:Weak blow . 3 - 3 1/2".

IS:No blow .

FF:Weak blow . 1/2 - 2".

FS:No blow .



PRESSURE SUMMARY

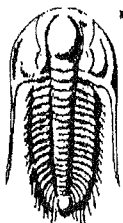
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1379.14	90.15	Initial Hydro-static
2	50.77	89.77	Open To Flow (1)
44	60.70	91.66	Shut-In(1)
104	775.99	94.27	End Shut-In(1)
105	60.80	94.07	Open To Flow (2)
148	70.09	95.09	Shut-In(2)
209	678.43	97.41	End Shut-In(2)
210	1359.58	98.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
130.00	Mud w/a few oil specs	0.64

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc.

Foster B#9

PO Box 458
Hays KS 67601

33-15s-11w Russell

Job Ticket: 21988

DST#: 2

ATTN: Rod Tremblay

Test Start: 2005.10.20 @ 17:36:59

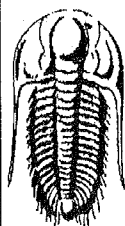
Tool Information

Drill Pipe:	Length: 2677.00 ft	Diameter: 3.80 inches	Volume: 37.55 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: 57000.00 lb
		Total Volume:	38.73 bbl	Tool Chased 7.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	2920.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	70.00 ft			
Tool Length:	90.00 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			2901.00	
Shut In Tool	5.00			2906.00	
Hydraulic tool	5.00			2911.00	
Packer	4.00			2915.00	20.00 Bottom Of Top Packer
Packer	5.00			2920.00	
Stubb	1.00			2921.00	
Recorder	0.00	6771	Inside	2921.00	
Perforations	2.00			2923.00	
Change Over Sub	1.00			2924.00	
Blank Spacing	60.00			2984.00	
Change Over Sub	1.00			2985.00	
Recorder	0.00	13222	Outside	2985.00	
Bullnose	5.00			2990.00	70.00 Bottom Packers & Anchor

Total Tool Length: 90.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc.

Foster B#9

PO Box 458
Hays KS 67601

33-15s-11w Russell

Job Ticket: 21988

DST#: 2

ATTN: Rod Tremblay

Test Start: 2005.10.20 @ 17:36:59

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:

5000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	Mud w/a few oil specs	0.639

Total Length: 130.00 ft

Total Volume: 0.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

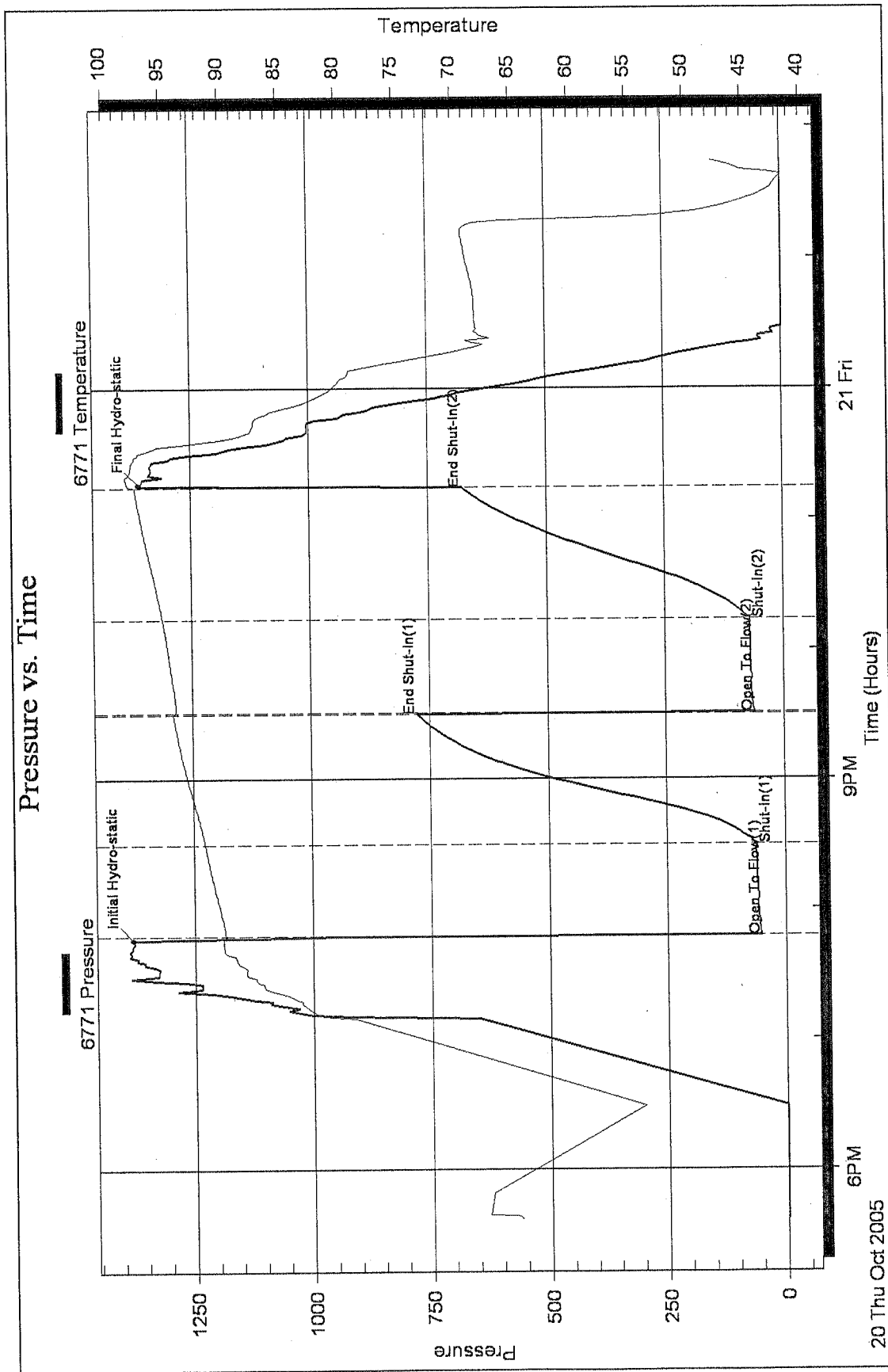
Serial #: none

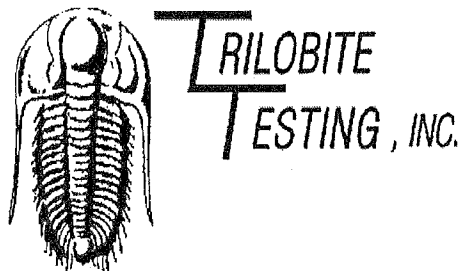
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Tengasco Inc.**

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

33-15s-11w Russell

Foster B#9

Start Date: 2005.10.22 @ 03:40:48

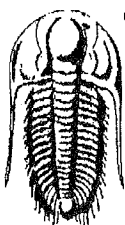
End Date: 2005.10.22 @ 12:19:18

Job Ticket #: 21989 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

Tengasco Inc.

PO Box 458
Hays KS 67601

ATTN: Rod Tremblay

Foster B#9

33-15s-11w Russell

Job Ticket: 21989

DST#: 3

Test Start: 2005.10.22 @ 03:40:48

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 06:17:18

Time Test Ended: 12:19:18

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **3186.00 ft (KB) To 3266.00 ft (KB) (TVD)**

Total Depth: **3266.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1795.00 ft (KB)**

1784.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: **6771**

Inside

Press@RunDepth: **177.24 psig @ 3187.00 ft (KB)**

Start Date: **2005.10.22**

End Date:

2005.10.22

Start Time: **03:40:53**

End Time:

12:19:18

Capacity: **7000.00 psig**

Last Calib.: **2005.10.22**

Time On Btm: **2005.10.22 @ 06:14:48**

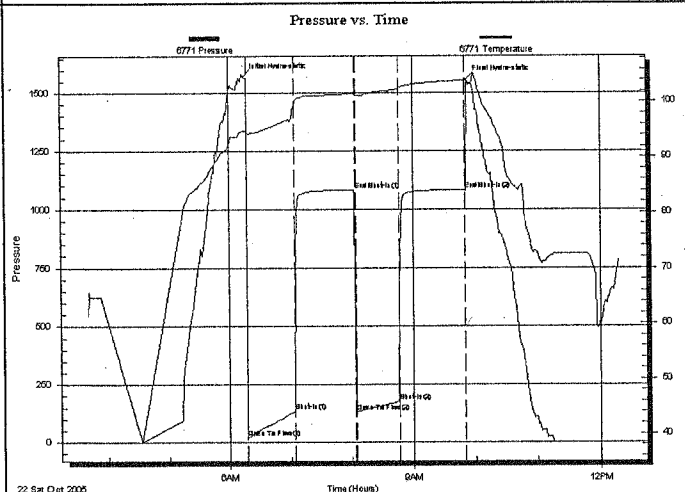
Time Off Btm: **2005.10.22 @ 09:52:03**

TEST COMMENT: **IF: Fair to strong blow . B.O.B. in 39 mins.**

IS: No blow .

FF: Fair blow . Increase to 10 " .

FS: No blow .



PRESSURE SUMMARY

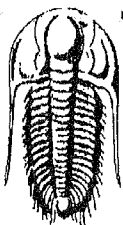
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.03	94.77	Initial Hydro-static
3	20.03	94.03	Open To Flow (1)
49	134.37	99.43	Shut-In(1)
109	1081.47	101.48	End Shut-In(1)
109	131.74	101.09	Open To Flow (2)
152	177.24	102.33	Shut-In(2)
216	1081.50	103.87	End Shut-In(2)
218	1557.09	103.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OCM 23%o 77% m	0.59
180.00	HOCM 46%o 54% m	1.43
75.00	SOCM 5%o 95% m	1.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tengasco Inc.

Foster B#9

PO Box 458
Hays KS 67601

33-15s-11w Russell

Job Ticket: 21989

DST#: 3

ATTN: Rod Tremblay

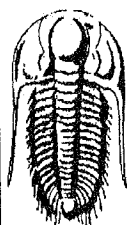
Test Start: 2005.10.22 @ 03:40:48

Tool Information

Drill Pipe:	Length: 2955.00 ft	Diameter: 3.80 inches	Volume: 41.45 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: 61000.00 lb
		Total Volume:	42.63 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3186.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.00 ft			
Tool Length:	100.00 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			3167.00	
Shut In Tool	5.00			3172.00	
Hydraulic tool	5.00			3177.00	
Packer	4.00			3181.00	20.00 Bottom Of Top Packer
Packer	5.00			3186.00	
Stubb	1.00			3187.00	
Recorder	0.00	6771	Inside	3187.00	
Perforations	9.00			3196.00	
Change Over Sub	1.00			3197.00	
Blank Spacing	63.00			3260.00	
Change Over Sub	1.00			3261.00	
Recorder	0.00	13222	Outside	3261.00	
Bullnose	5.00			3266.00	80.00 Bottom Packers & Anchor
Total Tool Length:		100.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tengasco Inc.

Foster B#9

PO Box 458
Hays KS 67601

33-15s-11w Russell

Job Ticket: 21989

DST#: 3

ATTN: Rod Tremblay

Test Start: 2005.10.22 @ 03:40:48

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:

6000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.38 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
120.00	OCM 23%o 77%m	0.590
180.00	HOCM 46%o 54%m	1.432
75.00	SOCM 5%o 95%m	1.052

Total Length: 375.00 ft

Total Volume: 3.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

