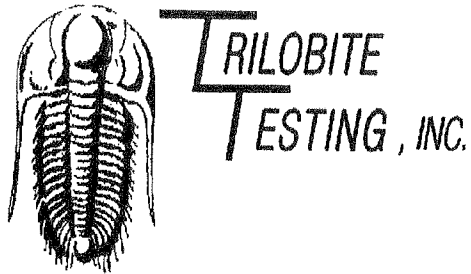


15-163-23747

34-8s-18w



DRILL STEM TEST REPORT

Prepared For: **Tegasco Inc**

Box 452
Hays Ks 67601

ATTN: Rod Tremblay

34 8 18 Rooks-Ks

McClure # 1

Start Date: 2008.08.18 @ 13:30:01

End Date: 2008.08.18 @ 18:46:01

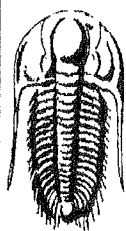
Job Ticket #: 32868 DST #: 1

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

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 08 2008

CONSERVATION DIVISION
WICHITA, KS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Tegasco Inc

Box 452
Hays Ks 67601

ATTN: Rod Tremblay

McClure # 1

34 8 18 Rooks-Ks

Job Ticket: 32868

DST#: 1

Test Start: 2008.08.18 @ 13:30:01

GENERAL INFORMATION:

Formation: **D-F**

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

Time Tool Opened: 15:08:31

Time Test Ended: 18:46:01

Test Type: **Conventional Bottom Hole**

Tester: **Dan Bangle**

Unit No: **38**

Interval: 3195.00 ft (KB) To 3250.00 ft (KB) (TVD)

Total Depth: **3250.00 ft (KB) (TVD)**

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

Reference Elevations: **1971.00 ft (KB)**

1964.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: 8372

Inside

Press@RunDepth: **26.51 psig @ 3198.00 ft (KB)**

Start Date: **2008.08.18**

End Date:

2008.08.18

Start Time: **13:30:02**

End Time:

18:46:01

Capacity: **7000.00 psig**

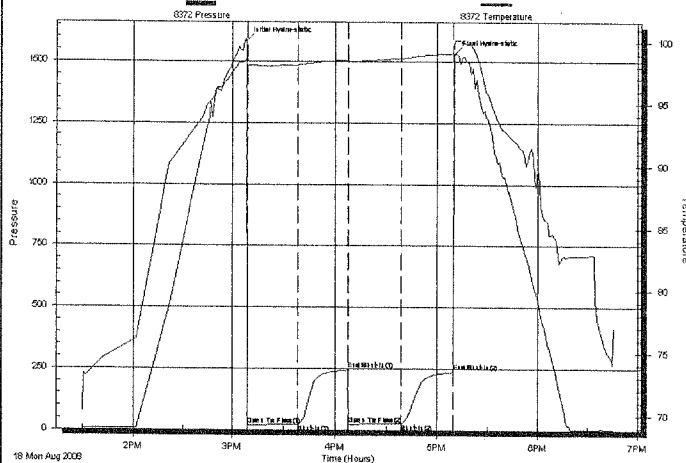
Last Calib.: **2008.08.18**

Time On Btm: **2008.08.18 @ 15:08:01**

Time Off Btm: **2008.08.18 @ 17:10:31**

TEST COMMENT: IF-Weak died in 25 min
FF-No blow

Pressure vs. Time



PRESSURE SUMMARY

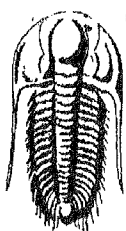
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1582.79	98.63	Initial Hydro-static
1	17.48	97.55	Open To Flow (1)
31	22.92	98.15	Shut-In (1)
60	244.19	98.53	End Shut-In (1)
60	23.41	98.36	Open To Flow (2)
91	26.51	98.68	Shut-In (2)
122	236.59	99.09	End Shut-In (2)
123	1529.67	100.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	DM	0.21

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tegasco Inc

McClure # 1

Box 452
Hays Ks 67601

34 8 18 Rooks-Ks

Job Ticket: 32868

DST#: 1

ATTN: Rod Tremblay

Test Start: 2008.08.18 @ 13:30:01

Tool Information

Drill Pipe:	Length: 3181.00 ft	Diameter: 3.80 inches	Volume: 44.62 bbl	Tool Weight:	2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			Total Volume: 44.62 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3195.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	55.00 ft				
Tool Length:	76.00 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			3175.00	
Shut In Tool	5.00			3180.00	
Hydraulic tool	5.00			3185.00	
Packer	5.00			3190.00	21.00 Bottom Of Top Packer
Packer	5.00			3195.00	
Stubb	1.00			3196.00	
Perforations	1.00			3197.00	
Change Over Sub	1.00			3198.00	
Recorder	0.00	8372	Inside	3198.00	
Recorder	0.00	8368	Outside	3198.00	
Drill Pipe	31.00			3229.00	
Change Over Sub	1.00			3230.00	
Perforations	17.00			3247.00	
Bullnose	3.00			3250.00	55.00 Bottom Packers & Anchor

Total Tool Length: 76.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Tegasco Inc

McClure # 1

Box 452
Hays Ks 67601

34 8 18 Rooks-Ks

Job Ticket: 32868

DST#: 1

ATTN: Rod Tremblay

Test Start: 2008.08.18 @ 13:30:01

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:

4900 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	DM	0.210

Total Length:

15.00 ft

Total Volume:

0.210 bbl

Num Fluid Samples: 0

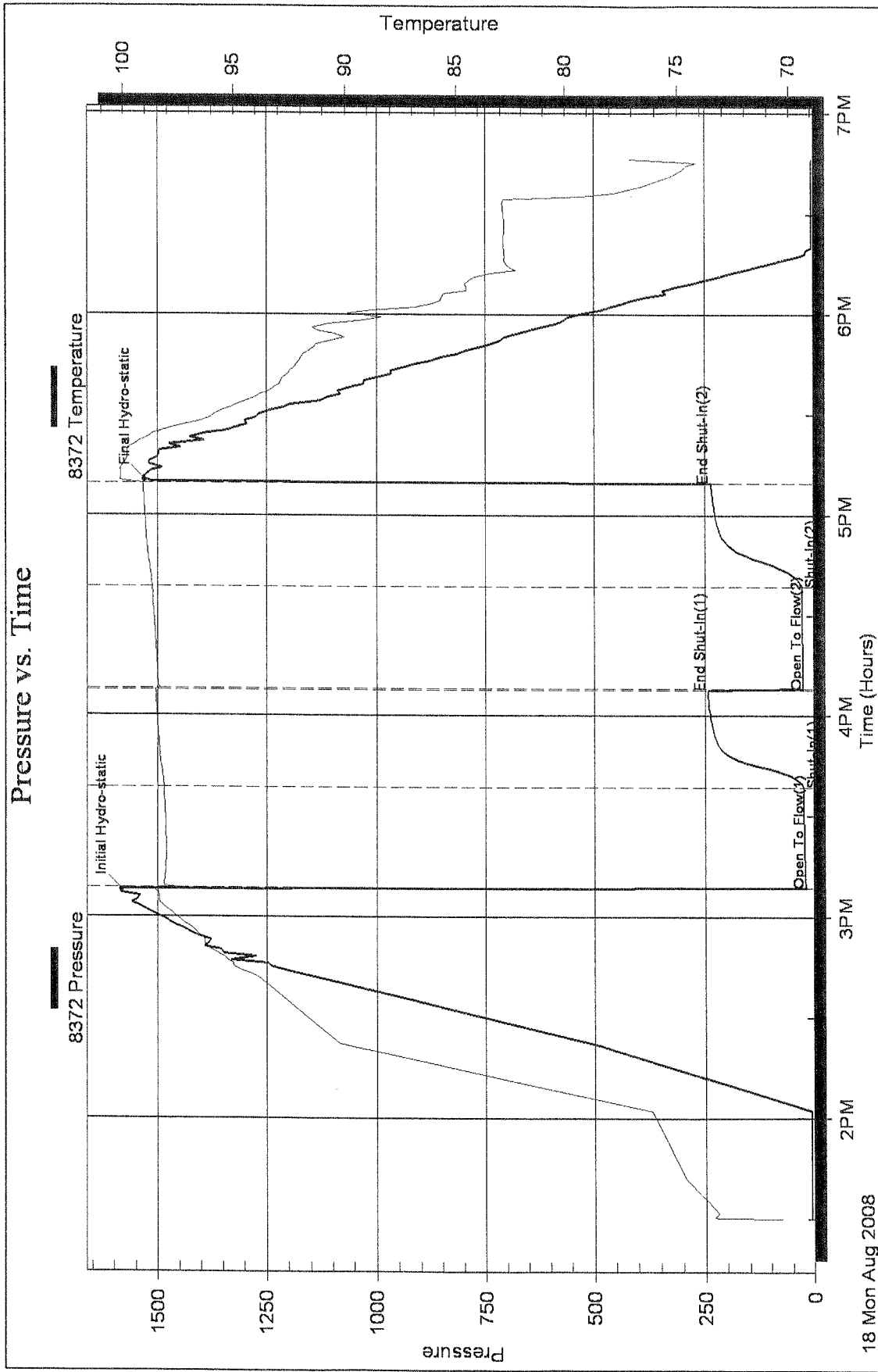
Num Gas Bombs: 0

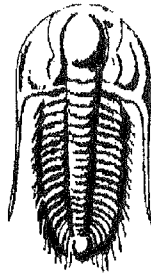
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Tegasco Inc**

Box 452
Hays Ks 67601

ATTN: Rod Tremblay

34 8 18 Rooks-Ks

McClure # 1

Start Date: 2008.08.19 @ 04:36:12

End Date: 2008.08.19 @ 10:10:12

Job Ticket #: 32869 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Tegasco Inc

McClure # 1

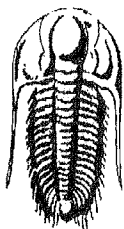
34 8 18 Rooks-Ks

DST # 2

I-J

LKC

2008.08.19



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Tegasco Inc

Box 452
Hays Ks 67601

ATTN: Rod Tremblay

McClure # 1

34 8 18 Rooks-Ks

Job Ticket: 32869

DST#: 2

Test Start: 2008.08.19 @ 04:36:12

GENERAL INFORMATION:

Formation: I-J LKC

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:50:27

Time Test Ended: 10:10:12

Test Type: Conventional Bottom Hole

Tester: Dan Bangle

Unit No: 38

Interval: 3292.00 ft (KB) To 3327.00 ft (KB) (TVD)

Total Depth: 3327.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1971.00 ft (KB)

1964.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 8368

Outside

Press@RunDepth: 24.92 psig @ 3294.00 ft (KB)

Start Date: 2008.08.19

End Date:

2008.08.19

Start Time: 04:36:13

End Time:

10:10:12

Capacity: 7000.00 psig

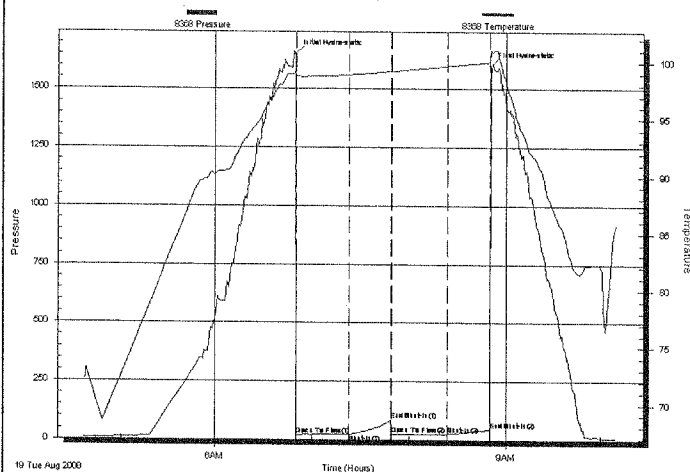
Last Calib.: 2008.08.19

Time On Btm: 2008.08.19 @ 06:50:12

Time Off Btm: 2008.08.19 @ 08:50:42

TEST COMMENT: IF-Weak died in 8 min
FF-No blow

Pressure vs. Time



PRESSURE SUMMARY

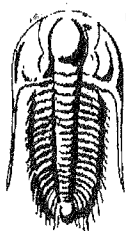
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.64	99.29	Initial Hydro-static
1	20.91	98.63	Open To Flow (1)
33	22.97	98.93	Shut-In(1)
59	84.18	99.26	End Shut-In(1)
60	22.80	99.24	Open To Flow (2)
94	24.92	99.71	Shut-In(2)
121	45.82	100.06	End Shut-In(2)
121	1600.73	101.12	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/show of free oil in top of to	0.07

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Tegasco Inc

McClure # 1

Box 452
Hays Ks 67601

34 8 18 Rooks-Ks

Job Ticket: 32869

DST#: 2

ATTN: Rod Tremblay

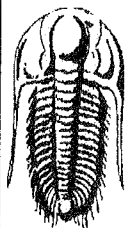
Test Start: 2008.08.19 @ 04:36:12

Tool Information

Drill Pipe:	Length: 3275.00 ft	Diameter: 3.80 inches	Volume: 45.94 bbl	Tool Weight:	2000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	40000.00 lb
			<u>Total Volume: 45.94 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	38000.00 lb
Depth to Top Packer:	3292.00 ft			Final	38000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	35.00 ft				
Tool Length:	56.00 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			3272.00	
Shut In Tool	5.00			3277.00	
Hydraulic tool	5.00			3282.00	
Packer	5.00			3287.00	21.00 Bottom Of Top Packer
Packer	5.00			3292.00	
Stubb	1.00			3293.00	
Perforations	1.00			3294.00	
Recorder	0.00	8372	Inside	3294.00	
Recorder	0.00	8368	Outside	3294.00	
Perforations	30.00			3324.00	
Bullnose	3.00			3327.00	35.00 Bottom Packers & Anchor
Total Tool Length:		56.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Tegasco Inc

McClure # 1

Box 452
Hays Ks 67601

34 8 18 Rooks-Ks

Job Ticket: 32869

DST#: 2

ATTN: Rod Tremblay

Test Start: 2008.08.19 @ 04:36:12

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 7.59 in³

Resistivity: ohm.m

Salinity: 4900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity:

4900 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/show of free oil in top of to	0.070

Total Length: 5.00 ft

Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

