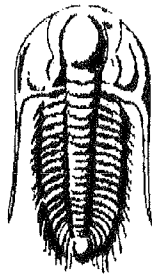


15-033-21531

31-33s-20w

IND



TRILOBITE
TESTING, INC.

CONFIDENTIAL

DEC 09 2008

DRILL STEM TEST REPORT

KCC

Prepared For: **Ares Energy Ltd**

303 W. Wallstreet STE 900
Midland TX 79701

CONFIDENTIAL

DEC 09 2008

ATTN: Ron Dorrough

KCC

31 33 20 Commanch KS

Selzer 31-2

Start Date: 2008.09.13 @ 08:08:43

End Date: 2008.09.13 @ 14:38:58

Job Ticket #: 25805 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Ares Energy Ltd

Selzer 31-2

31 33 20 Commanch KS

DST # 1

Miss.

2008.09.13



Ares Energy Ltd
303 W. Wallstreet STE 900
Midland TX 79701

ATTN: Ron Dorough

Selzer 31-2

31 33 20 Commanch KS

Job Ticket: 25805

DST#: 1

Test Start: 2008.09.13 @ 08:08:43

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:09:00

Time Test Ended: 14:38:58

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 46

Interval: 5220.00 ft (KB) To 5400.00 ft (KB) (TVD)

Total Depth: 5400.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1789.00 ft (KB)

1779.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8359 Inside

Press@RunDepth: psig @ 5225.00 ft (KB)

Start Date: 2008.09.13

End Date:

2008 09 13

Start Time: 08:08:48

End Time:

14:38:57

Capacity:

7000.00 psig

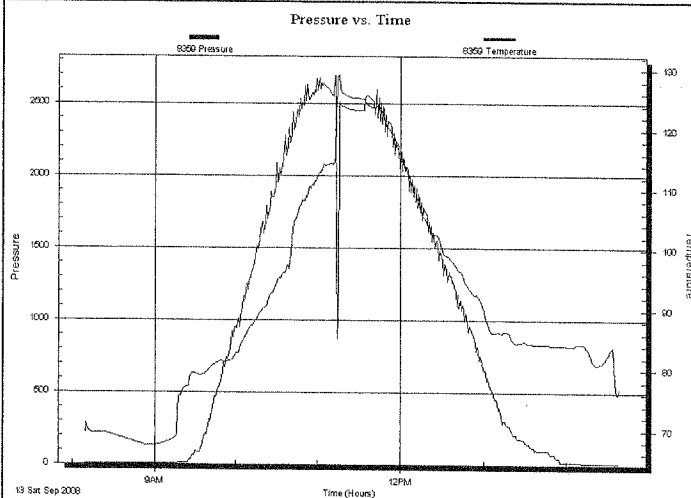
Last Calib.:

2008.09.13

Time On Btm:

Time Off Btm:

TEST COMMENT: IF Opened tool held fluid for 2 mins Packer failure Misrun



PRESSURE SUMMARY

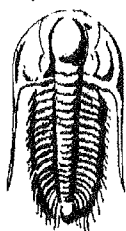
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1109.00	Mud 100%m	13.93

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ares Energy Ltd

Selzer 31-2

303 W. Wallstreet STE 900
Midland TX 79701

31 33 20 Commanch KS

Job Ticket: 25805

DST#: 1

ATTN: Ron Dorough

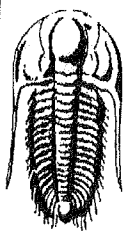
Test Start: 2008.09.13 @ 08:08:43

Tool Information

Drill Pipe:	Length: 5029.00 ft	Diameter: 3.80 inches	Volume: 70.54 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 88000.00 lb
			Total Volume: 71.42 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	6.00 ft	String Weight: Initial 83000.00 lb		
Depth to Top Packer:	5220.00 ft	Final 87000.00 lb		
Depth to Bottom Packer:	ft			
Interval between Packers:	185.00 ft			
Tool Length:	203.00 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			5207.00	
Hydraulic tool	5.00			5212.00	
Safety Joint	3.00			5215.00	
Packer	5.00			5220.00	18.00 Bottom Of Top Packer
Packer - Shale	5.00			5225.00	
Recorder	0.00	8359	Inside	5225.00	
Recorder	0.00	8354	Inside	5225.00	
Perforations	6.00			5231.00	
Change Over Sub	1.00			5232.00	
Drill Pipe	158.00			5390.00	
Change Over Sub	1.00			5391.00	
Perforations	11.00			5402.00	
Bullnose	3.00			5405.00	185.00 Anchor Tool

Total Tool Length: 203.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy Ltd

Selzer 31-2

303 W. Wallstreet STE 900
Midland TX 79701

31 33 20 Commanch KS

Job Ticket: 25805

DST#: 1

ATTN: Ron Dorough

Test Start: 2008.09.13 @ 08:08:43

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.97 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1109.00	Mud 100% _m	13.926

Total Length: 1109.00 ft

Total Volume: 13.926 bbl

Num Fluid Samples: 0

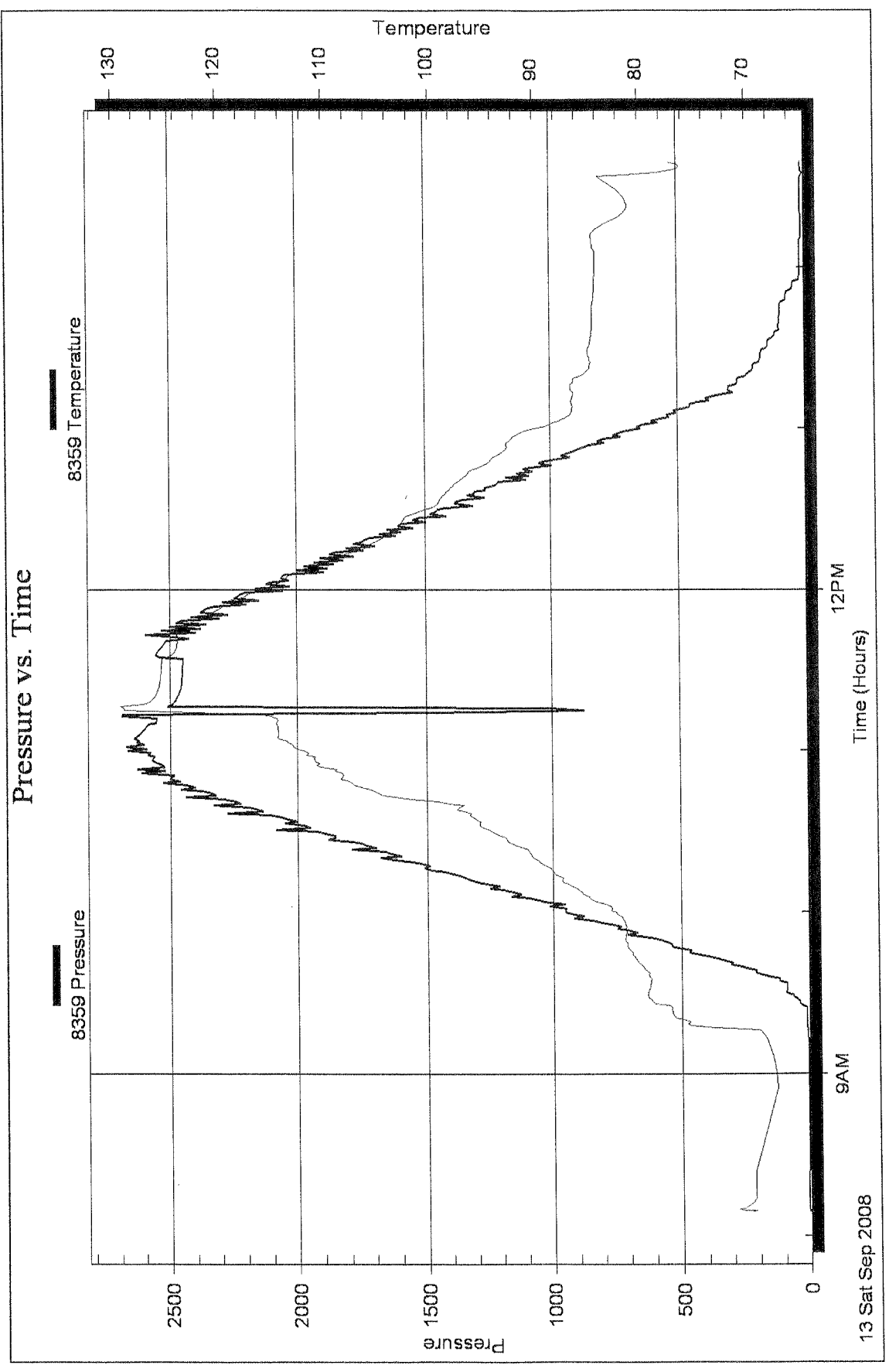
Num Gas Bombs: 0

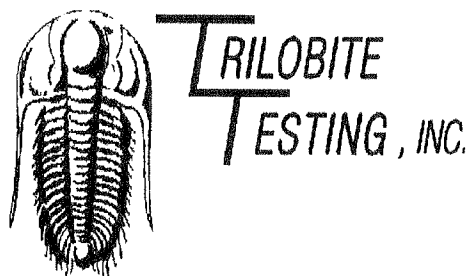
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Ares Energy Ltd**

303 W. Wallstreet STE 900
Midland TX 79701

ATTN: Ron Dorough

31 33 20 Commanch KS

Selzer 31-2

Start Date: 2008.09.13 @ 15:19:22

End Date: 2008.09.13 @ 21:48:52

Job Ticket #: 25806 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



Ares Energy Ltd

303 W. Wallstreet STE 900
Midland TX 79701

ATTN: Ron Dorough

Selzer 31-2

31 33 20 Commanch KS

Job Ticket: 25806

DST#: 2

Test Start: 2008.09.13 @ 15:19:22

GENERAL INFORMATION:

Formation: Miss.

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:19:00

Time Test Ended: 21:48:52

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 46

Interval: 5300.00 ft (KB) To 5400.00 ft (KB) (TVD)

Total Depth: 5400.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1789.00 ft (KB)

1779.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8359 Inside

Press@RunDepth: psig @ 5300.00 ft (KB)

Start Date: 2008.09.13

End Date:

2008.09.13

Start Time: 15:19:27

End Time:

21:48:51

Capacity:

7000.00 psig

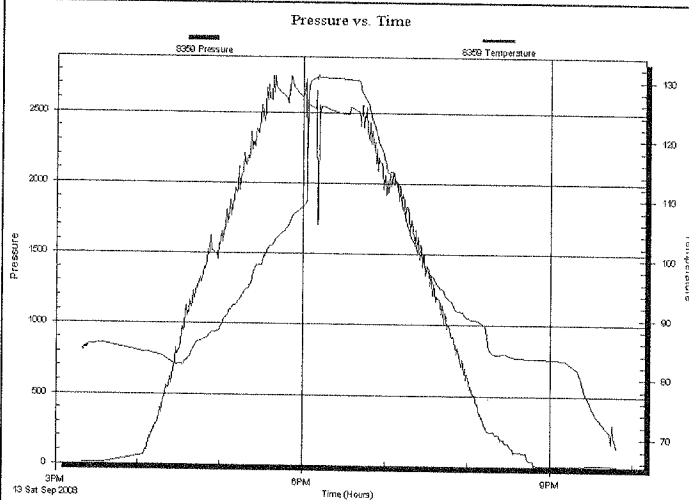
Last Calib.:

2008.09.13

Time On Btm:

Time Off Btm:

TEST COMMENT: IF Opened tool. Fluid dropped Misrun Packer failure



PRESSURE SUMMARY

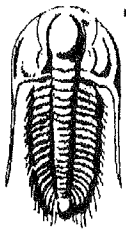
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
551.00	Mud 100%m	6.10

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ares Energy Ltd

Selzer 31-2

303 W. Wallstreet STE 900
Midland TX 79701

31 33 20 Commanch KS

Job Ticket: 25806

DST#: 2

ATTN: Ron Dorrough

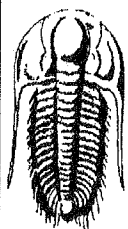
Test Start: 2008.09.13 @ 15:19:22

Tool Information

Drill Pipe:	Length: 5123.00 ft	Diameter: 3.80 inches	Volume: 71.86 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 90000.00 lb
			Total Volume: 72.74 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 83000.00 lb
Depth to Top Packer:	5300.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.00 ft			
Tool Length:	123.00 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			5282.00	
Hydraulic tool	5.00			5287.00	
Safety Joint	3.00			5290.00	
Packer	5.00			5295.00	23.00 Bottom Of Top Packer
Packer	5.00			5300.00	
Recorder	0.00	8359	Inside	5300.00	
Recorder	0.00	8354	Inside	5300.00	
Perforations	6.00			5306.00	
Change Over Sub	1.00			5307.00	
Drill Pipe	63.00			5370.00	
Change Over Sub	1.00			5371.00	
Perforations	26.00			5397.00	
Bullnose	3.00			5400.00	100.00 Bottom Packers & Anchor

Total Tool Length: 123.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy Ltd

Selzer 31-2

303 W. Wallstreet STE 900
Midland TX 79701

31 33 20 Commanch KS

Job Ticket: 25806

DST#: 2

ATTN: Ron Dorough

Test Start: 2008.09.13 @ 15:19:22

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.97 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
551.00	Mud 100%m	6.098

Total Length: 551.00 ft Total Volume: 6.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

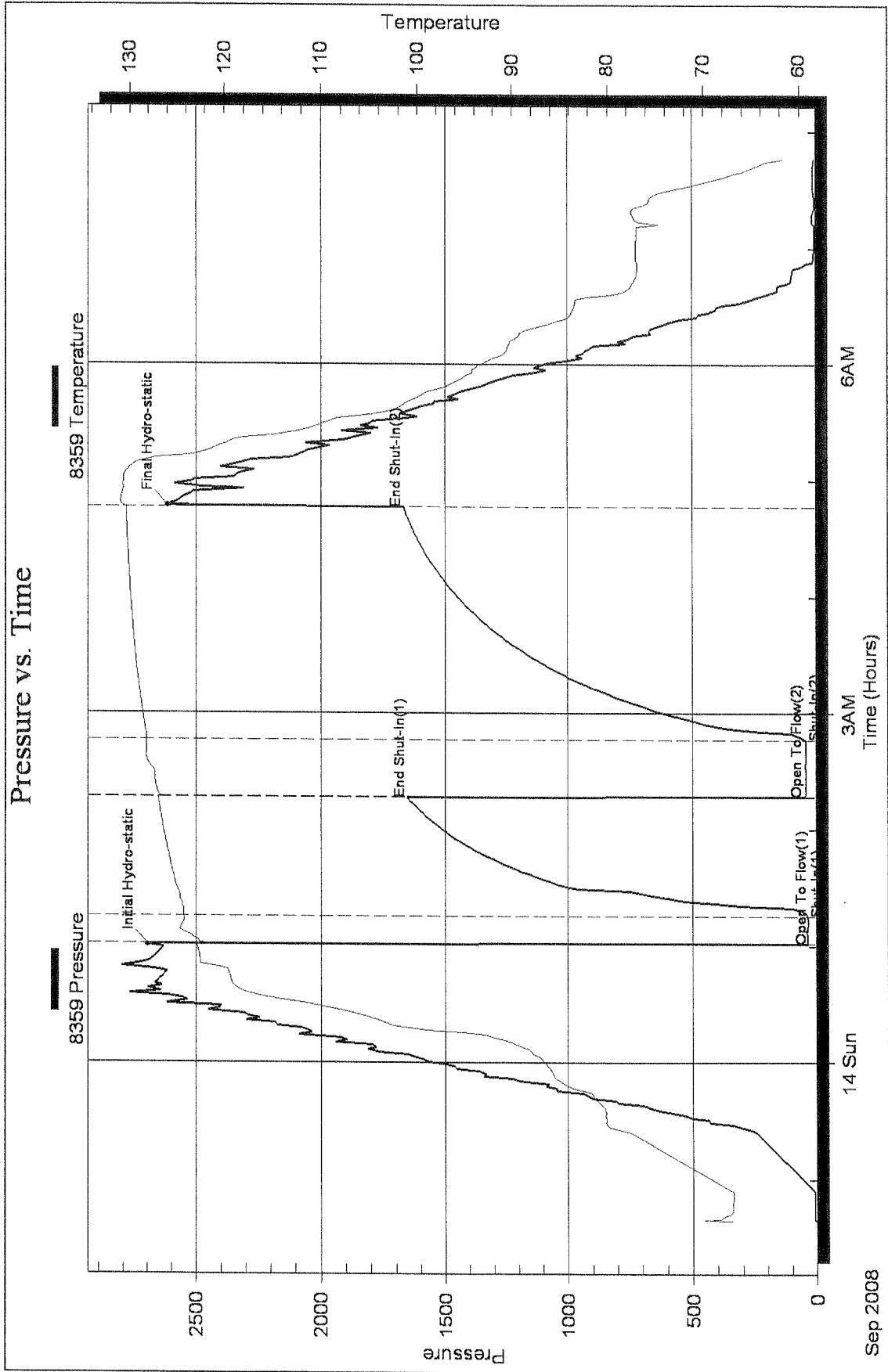
Serial #:

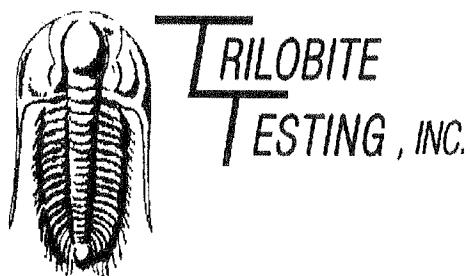
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Ares Energy Ltd**

303 W. Wallstreet STE 900
Midland TX 79701

ATTN: Ron Dorough

31 33 20 Commanch KS

Selzer 31-2

Start Date: 2008.09.13 @ 22:38:38

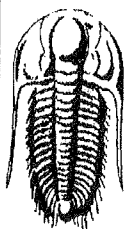
End Date: 2008.09.14 @ 07:46:08

Job Ticket #: 25807 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Ares Energy Ltd
303 W. Wallstreet STE 900
Midland TX 79701

ATTN: Ron Dorough

Selzer 31-2

31 33 20 Commanch KS

Job Ticket: 25807

DST#: 3

Test Start: 2008.09.13 @ 22:38:38

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 01:00:53

Time Test Ended: 07:46:08

Test Type: Conventional Bottom Hole

Tester: Travy Cushenbery

Unit No: 46

Interval: **5260.00 ft (KB) To 5400.00 ft (KB) (TVD)**

Total Depth: 5400.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1789.00 ft (KB)

1779.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8359 Inside

Press@RunDepth: 39.41 psig @ 5260.00 ft (KB)

Start Date: 2008.09.13

End Date:

2008.09.14

Start Time: 22:38:43

End Time:

07:46:08

Capacity: 7000.00 psig

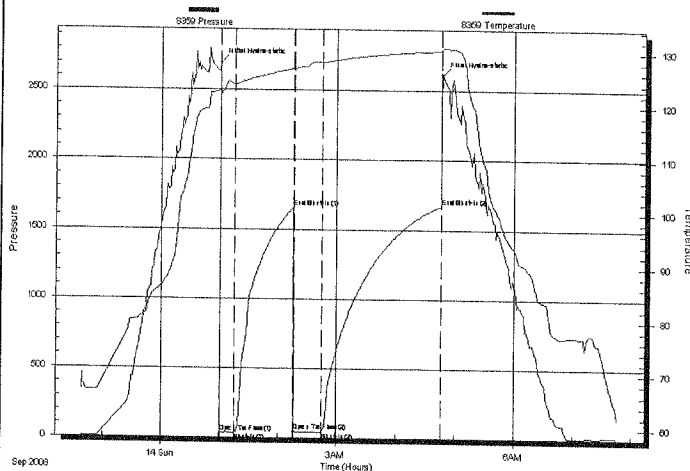
Last Calib.: 2008.09.14

Time On Btm: 2008.09.14 @ 01:00:38

Time Off Btm: 2008.09.14 @ 04:47:08

TEST COMMENT: IF Weak blow Building to 1/4" in 15 mins
ISI Bled off No blow back
FF Opened tool No blow Shut in after 30 mins
FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

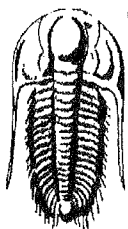
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2695.72	122.89	Initial Hydro-static
1	33.66	121.81	Open To Flow (1)
15	34.68	124.18	Shut-In(1)
76	1654.54	126.98	End Shut-In(1)
76	49.60	126.63	Open To Flow (2)
105	39.41	128.16	Shut-In(2)
226	1668.98	130.38	End Shut-In(2)
227	2616.56	130.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	G. M. 4%g 96% m	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Ares Energy Ltd

Selzer 31-2

303 W. Wallstreet STE 900
Midland TX 79701

31 33 20 Commanch KS

Job Ticket: 25807

DST#: 3

ATTN: Ron Dorough

Test Start: 2008.09.13 @ 22:38:38

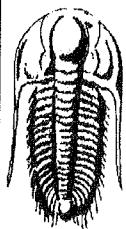
Tool Information

Drill Pipe:	Length: 5091.00 ft	Diameter: 3.80 inches	Volume: 71.41 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: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 110000.0 lb
		Total Volume: 72.29 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 83000.00 lb
Depth to Top Packer:	5260.00 ft			Final 83000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	140.00 ft			
Tool Length:	163.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			5242.00	
Hydraulic tool	5.00			5247.00	
Safety Joint	3.00			5250.00	
Packer	5.00			5255.00	23.00 Bottom Of Top Packer
Packer	5.00			5260.00	
Recorder	0.00	8359	Inside	5260.00	
Recorder	0.00	8354	Inside	5260.00	
Perforations	6.00			5266.00	
Change Over Sub	1.00			5267.00	
Drill Pipe	126.00			5393.00	
Change Over Sub	1.00			5394.00	
Perforations	3.00			5397.00	
Bullnose	3.00			5400.00	140.00 Bottom Packers & Anchor

Total Tool Length: 163.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy Ltd

Selzer 31-2

303 W. Wallstreet STE 900
Midland TX 79701

31 33 20 Commanch KS

Job Ticket: 25807

DST#: 3

ATTN: Ron Dorough

Test Start: 2008.09.13 @ 22:38:38

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.95 in³

Resistivity: ohm.m

Salinity: 4500.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	G. M. 4%g 96%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

