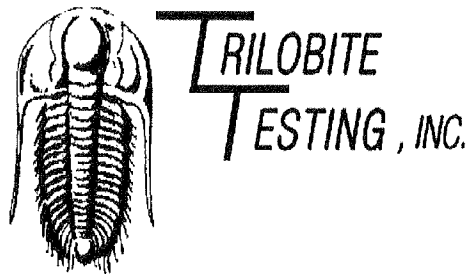


15-033-21530

1-33s-19w

IND



DRILL STEM TEST REPORT

Prepared For: **ARES Energy, Ltd.**

303 W. Wall St., Ste. 900
Midland, TX 79701

ATTN: Kevin Wilson

01 33 19 Comanche KS

Colter #1-5

Start Date: 2008.08.29 @ 13:55:38

End Date: 2008.08.29 @ 23:59:23

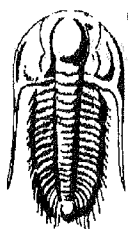
Job Ticket #: 31745 DST #: 1

KCC
DEC 09 2008
CONFIDENTIAL

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. Wall St., Ste. 900
Midland, TX 79701

ATTN: Kevin Wilson

Colter #1-5

01 33 19 Comanche KS

Job Ticket: 31745

DST#: 1

Test Start: 2008.08.29 @ 13:55:38

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:55:53

Time Test Ended: 23:59:23

Test Type: Conventional Bottom Hole

Tester: Esak Hadley

Unit No: 23

Interval: **5246.00 ft (KB) To 5320.00 ft (KB) (TVD)**

Total Depth: 5320.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2037.00 ft (KB)

2024.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8370 Inside

Press@RunDepth: 77.98 psig @ 5247.00 ft (KB)

Start Date: 2008.08.29

End Date: 2008.08.29

Start Time: 13:55:43

End Time: 23:59:23

Capacity: 7000.00 psig

Last Calib.: 2008.08.30

Time On Btm: 2008.08.29 @ 16:53:38

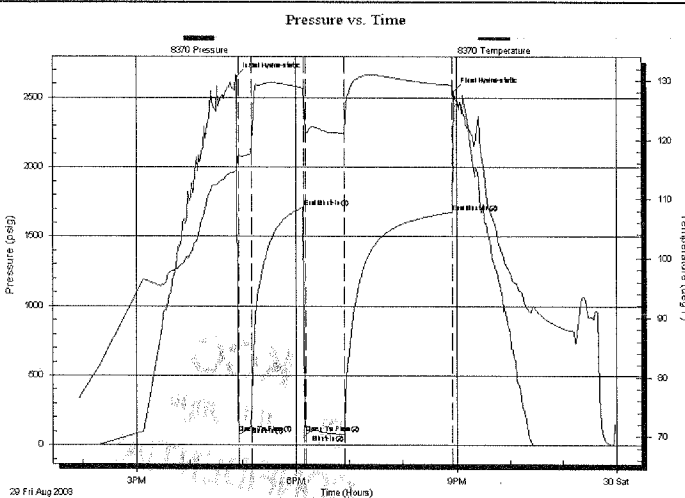
Time Off Btm: 2008.08.29 @ 20:56:53

TEST COMMENT: IF Strong blow BOB in 15 sec. GTS in 15 min. (see gas flow rpt)

ISI Weak surface blow. No more than 1/4"

FF Strong blow. BOB in 2 sec. (see gas flow rpt)

FSI Weak surface blow. No more than 1/2"



PRESSURE SUMMARY

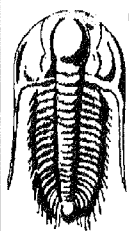
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2648.81	114.82	Initial Hydro-static
3	85.22	117.30	Open To Flow (1)
17	136.65	117.68	Shut-In (1)
76	1712.36	128.69	End Shut-In (1)
77	81.99	121.21	Open To Flow (2)
121	77.98	121.13	Shut-In (2)
242	1677.92	129.22	End Shut-In (2)
244	2545.12	125.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GCM 5%g 95%m	0.74

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	64.00	287.20
Last Gas Rate	0.38	34.00	177.30
Max. Gas Rate	0.38	64.00	287.20



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

ARES Energy, Ltd.

303 W. Wall St., Ste. 900
Midland, TX 79701

ATTN: Kevin Wilson

Colter #1-5

01 33 19 Comanche KS

Job Ticket: 31745

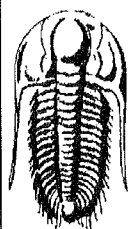
DST#: 1

Test Start: 2008.08.29 @ 13:55:38

Tool Information

Drill Pipe:	Length: 5063.00 ft	Diameter: 3.80 inches	Volume: 71.02 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: 24000.00 lb
Drill Collar:	Length: 179.00 ft	Diameter: 2.25 inches	Volume: 0.88 bbl	Weight to Pull Loose: 98000.00 lb
			Total Volume: 71.90 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5246.00 ft			Final 83000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	104.00 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			5217.00	
Shut In Tool	5.00			5222.00	
Sampler	2.00			5224.00	
Hydraulic tool	5.00			5229.00	
Jars	5.00			5234.00	
Safety Joint	3.00			5237.00	
Packer - Shale	4.00			5241.00	
Packer	5.00			5246.00	30.00 Bottom Of Top Packer
Stubb	1.00			5247.00	
Recorder	0.00	8370	Inside	5247.00	
Recorder	0.00	8289	Inside	5247.00	
Perforations	3.00			5250.00	
Change Over Sub	1.00			5251.00	
Blank Spacing	63.00			5314.00	
Change Over Sub	1.00			5315.00	
Bullnose	5.00			5320.00	74.00 Anchor Tool
Total Tool Length:	104.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

ARES Energy, Ltd.

Colter #1-5

303 W. Wall St., Ste. 900
Midland, TX 79701

01 33 19 Comanche KS

Job Ticket: 31745

DST#: 1

ATTN: Kevin Wilson

Test Start: 2008.08.29 @ 13:55:38

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: 48.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GCM 5%g 95%m	0.738

Total Length: 150.00 ft Total Volume: 0.738 bbl

Num Fluid Samples: 0

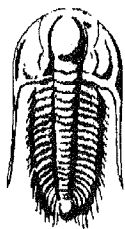
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler recovery: 1500 mL drlg. mud @ 90 PSI



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

ARES Energy, Ltd.

Colter #1-5

303 W. Wall St., Ste. 900
Midland, TX 79701

01 33 19 Comanche KS

Job Ticket: 31745

DST#: 1

ATTN: Kevin Wilson

Test Start: 2008.08.29 @ 13:55:38

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
2	5	0.38	64.00	287.20
2	5	0.38	64.00	287.20
2	10	0.38	60.00	272.55
2	15	0.38	55.00	254.23
2	20	0.38	49.00	232.25
2	25	0.38	44.00	213.93
2	30	0.38	39.00	195.62
2	35	0.38	36.00	184.63
2	40	0.38	34.00	177.30

234426

DST Test Number: 1

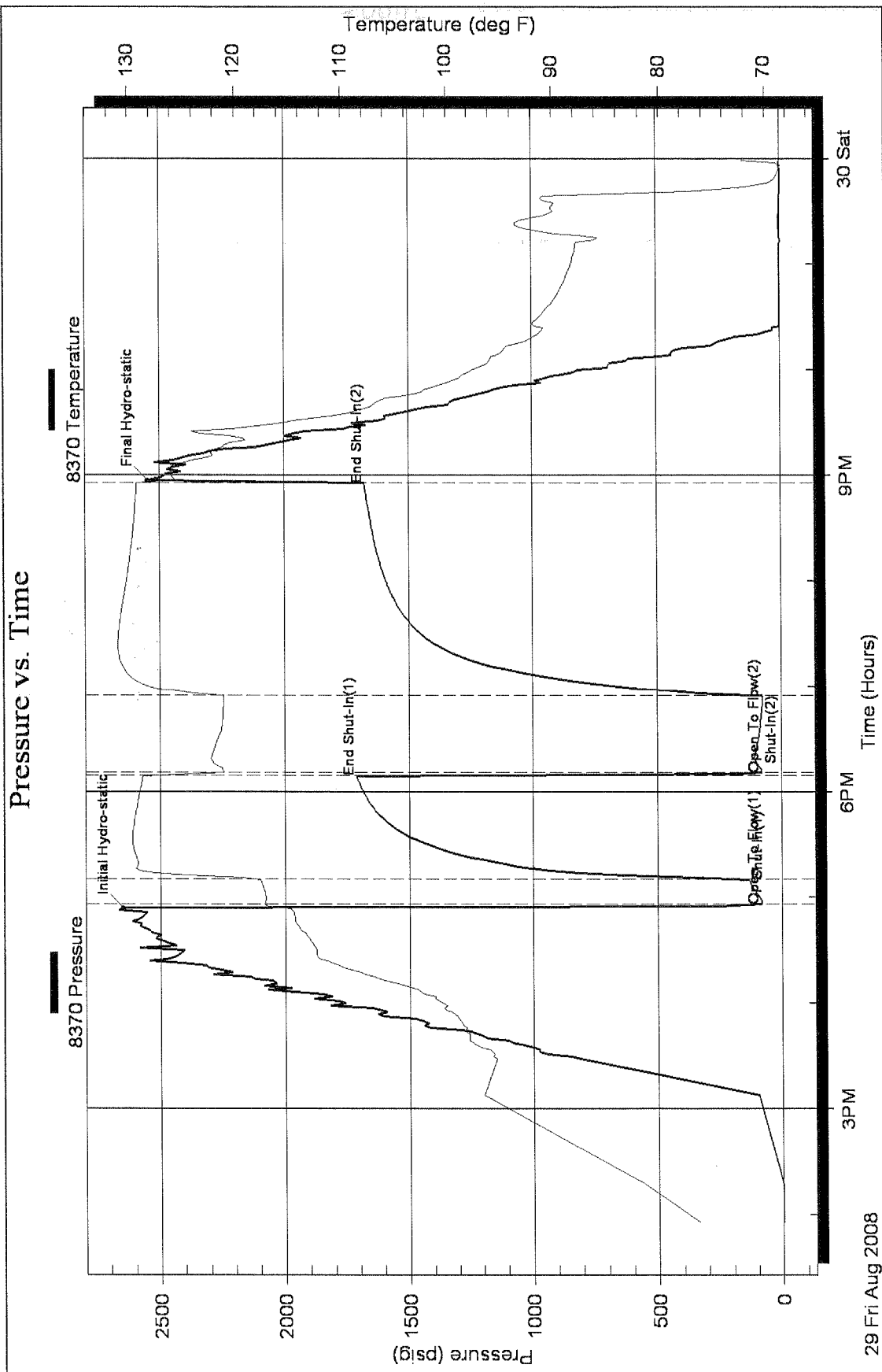
01 33 19 Comanche KS

ARES Energy, Ltd.

Inside

Serial #: 8370

Pressure vs. Time



Ref. No: 31745

Trilobite Testing, Inc

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