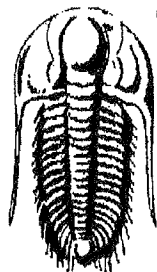


15-159-22507

5-18s-9w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Ares Energy LTD**

303 W Wall St Ste 900
Midland TX 79701

ATTN: Henery N.Clanton

5 18S 9W Rice KS

Ploog # 1-5

Start Date: 2006.10.27 @ 05:06:19

End Date: 2006.10.27 @ 13:16:49

Job Ticket #: 26116

DST #: 1

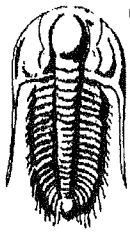
CONFIDENTIAL

2-20-09

Trilobite Testing, Inc

PO Box 362 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: Henry N. Clanton

Ploog # 1-5

5 18S 9W Rice KS

Job Ticket: 26116

DST#: 1

Test Start: 2006.10.27 @ 05:06:19

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:52:49

Time Test Ended: 13:16:49

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **3240.00 ft (KB) To 3254.00 ft (KB) (TVD)**

Total Depth: 3254.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1750.00 ft (KB)

1744.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 8018

Inside

Press@RunDepth: 86.56 psig @ 3241.00 ft (KB)

Start Date: 2006.10.27

End Date:

2006.10.27

Start Time: 05:06:24

End Time:

13:16:48

Capacity:

7000.00 psig

Last Calib.:

2006.10.27

Time On Btm: 2006.10.27 @ 06:52:19

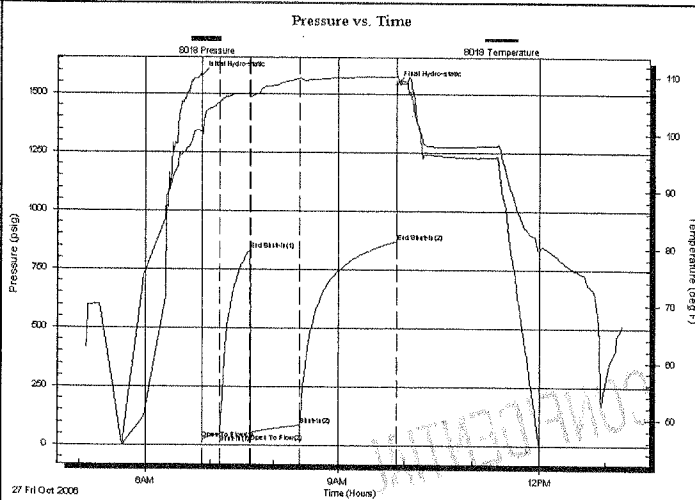
Time Off Btm: 2006.10.27 @ 09:52:49

TEST COMMENT: IF Good built to 9 "

ISI Weak surface

FF Strong BOB in 24 min.

FSI Weak surface



PRESSURE SUMMARY

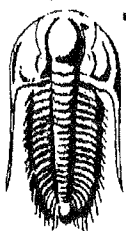
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1578.65	100.38	Initial Hydro-static
1	26.24	99.65	Open To Flow (1)
17	46.69	105.43	Shut-In(1)
46	834.04	107.14	End Shut-In(1)
47	49.60	106.66	Open To Flow (2)
93	86.56	109.81	Shut-In(2)
180	870.04	110.05	End Shut-In(2)
181	1539.67	110.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	GOCM 20%G 15%O 65%M	0.48
130.00	Clean Gsy Oil 10%G 80%O	0.94
0.00	285 Gas in pipe	0.00

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

303 W Wall St Ste 900
Midland TX 79701

ATTN: Henery N.Canton

Ploog # 1-5

5 18S 9W Rice KS

Job Ticket: 26116

DST#: 1

Test Start: 2006.10.27 @ 05:06:19

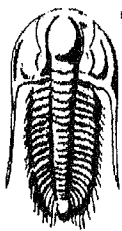
Tool Information

Drill Pipe:	Length: 2988.00 ft	Diameter: 3.24 inches	Volume: 30.47 bbl	Tool Weight: 2600.00 lb
Heavy Wt. Pipe:	Length: 185.00 ft	Diameter: 2.76 inches	Volume: 1.37 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 61.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 50000.00 lb
		Total Volume:	32.14 bbl	Tool Chased 5.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3240.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	14.00 ft			
Tool Length:	42.00 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			3213.00	
Shut In Tool	5.00			3218.00	
Hydraulic tool	5.00			3223.00	
Jars	5.00			3228.00	
Safety Joint	3.00			3231.00	
Packer	4.00			3235.00	28.00 Bottom Of Top Packer
Packer	5.00			3240.00	
Stubb	1.00			3241.00	
Recorder	0.00	8018	Inside	3241.00	
Perforations	10.00			3251.00	
Recorder	0.00	13308	Outside	3251.00	
Bullnose	3.00			3254.00	14.00 Bottom Packers & Anchor

Total Tool Length: 42.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Ares Energy LTD

Ploog # 1-5

303 W Wall St Ste 900
Midland TX 79701

5 18S 9W Rice KS

Job Ticket: 26116

DST#: 1

ATTN: Henery N. Clanton

Test Start: 2006.10.27 @ 05:06:19

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

45 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	GOCM 20%G 15%O 65%M	0.481
130.00	Clean Gsy Oil 10%G 80%O	0.937
0.00	285 Gas in pipe	0.000

Total Length: 195.00 ft

Total Volume: 1.418 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

5 18S 9W Rice KS

Ares Energy LTD

Inside

Serial #: 8018

Pressure vs. Time

