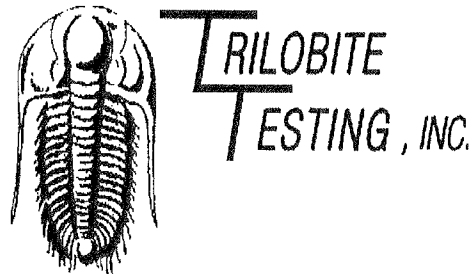


15-135-24689

28-18s-23w



DRILL STEM TEST REPORT

Prepared For: **Mull Drilling Co Inc**

PO Box 2758
Wichita KS 67201-2758

ATTN: Mark Shreve

28 18 23W Ness KS

French #1-28

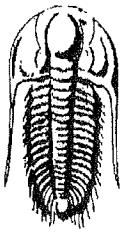
Start Date: 2007.08.26 @ 15:44:20

End Date: 2007.08.26 @ 21:50:14

Job Ticket #: 29192 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Mull Drilling Co Inc

PO Box 2758
Wichita KS 67201-2758

ATTN: Mark Shreve

French #1-28

28 18 23W Ness KS

Job Ticket: 29192

DST#: 1

Test Start: 2007.08.26 @ 15:44:20

GENERAL INFORMATION:

Formation: **Ft Scott**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:47:15

Time Test Ended: 21:50:14

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: **4170.00 ft (KB) To 4210.00 ft (KB) (TVD)**

Total Depth: 4210.00 ft (KB) (TVD)

Hole Diameter: 7.85 inches Hole Condition: Fair

Reference Elevations: 2255.00 ft (KB)

2250.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6753

Inside

Press@RunDepth: 44.96 psig @ 4178.01 ft (KB)

Start Date: 2007.08.26

End Date:

2007.08.26

Start Time: 15:44:20

End Time:

21:50:14

Capacity: 7000.00 psig

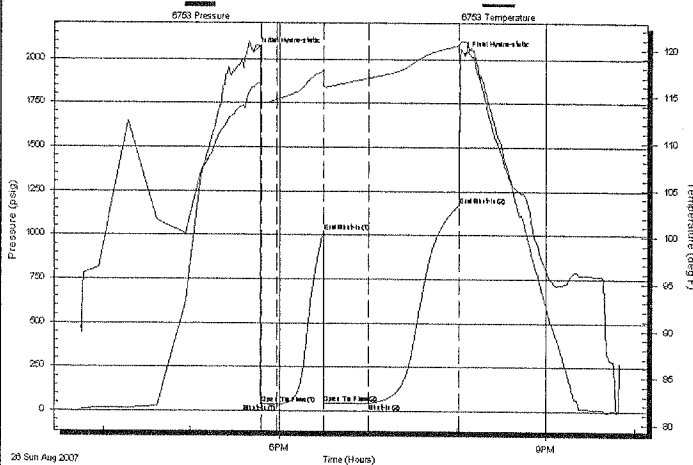
Last Calib.: 2007.08.26

Time On Btm: 2007.08.26 @ 17:42:45

Time Off Btm: 2007.08.26 @ 20:05:14

TEST COMMENT: IFP Wk bl thru-out surface bl
FFP Surface bl thru-out
Times 10 30 30 60

Pressure vs. Time



PRESSURE SUMMARY

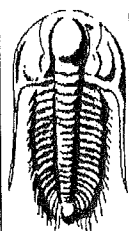
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2041.10	116.00	Initial Hydro-static
5	38.83	114.00	Open To Flow (1)
15	38.91	114.64	Shut-In(1)
47	1016.28	117.67	End Shut-In(1)
47	44.58	116.02	Open To Flow (2)
77	44.96	116.93	Shut-In(2)
139	1173.65	120.48	End Shut-In(2)
143	2024.75	120.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 1%O 99%M	0.15

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Mull Drilling Co Inc

PO Box 2758
Wichita KS 67201-2758

ATTN: Mark Shreve

French #1-28

28 18 23W Ness KS

Job Ticket: 29192

DST#: 1

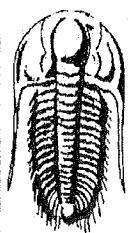
Test Start: 2007.08.26 @ 15:44:20

Tool Information

Drill Pipe:	Length: 4044.00 ft	Diameter: 3.80 inches	Volume: 56.73 bbl	Tool Weight:	2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 120.00 ft	Diameter: 2.25 inches	Volume: 0.59 bbl	Weight to Pull Loose:	55000.00 lb
		Total Volume:	57.32 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	45000.00 lb
Depth to Top Packer:	4170.00 ft			Final	45000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.02 ft				
Tool Length:	61.02 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			4150.00	
Shut In Tool	5.00			4155.00	
Hydraulic tool	5.00			4160.00	
Packer	5.00			4165.00	21.00 Bottom Of Top Packer
Packer	5.00			4170.00	
Stubb	1.00			4171.00	
Perforations	7.00			4178.00	
Recorder	0.01	6753	Inside	4178.01	
Perforations	29.00			4207.01	
Recorder	0.01	13534	Outside	4207.02	
Bullnose	3.00			4210.02	40.02 Bottom Packers & Anchor
Total Tool Length:		61.02			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Mull Drilling Co Inc

French #1-28

PO Box 2758
Wichita KS 67201-2758

28 18 23W Ness KS

Job Ticket: 29192

DST#: 1

ATTN: Mark Shreve

Test Start: 2007.08.26 @ 15:44:20

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 9.96 in³

Resistivity: ohm.m

Salinity: 3600.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM 1%O 99%M	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

28 18 23W Ness KS

Mull Drilling Co Inc

Inside

Serial #: 6753

Pressure vs. Time

