



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum, Inc.**

P.O. Box 82
Spivey, KS 67142

ATTN: Vern Schrag

33-32s-8w

Hargett #1

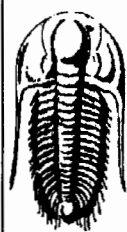
Start Date: 2005.09.20 @ 20:37:03

End Date: 2005.09.21 @ 06:17:48

Job Ticket #: 21503 DST #: 1

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

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DRILL STEM TEST REPORT

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Hargett #1

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Job Ticket: 21503

DST#: 1

ATTN: Vern Schrag

Test Start: 2005.09.20 @ 20:37:03

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 23:17:48

Time Test Ended: 06:17:48

Test Type: **Conventional Bottom Hole**

Tester: **Davy Cline**

Unit No: **24**

Interval: **4484.00 ft (KB) To 4495.00 ft (KB) (TVD)**

Reference Elevations: **1453.00 ft (KB)**

Total Depth: **4495.00 ft (KB) (TVD)**

1444.00 ft (CF)

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

KB to GR/CF: **9.00 ft**

Serial #: 6753

Inside

Press@RunDepth: **44.66 psig @ 4485.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.09.20**

End Date:

2005.09.21

Last Calib.: **2005.09.21**

Start Time: **20:37:04**

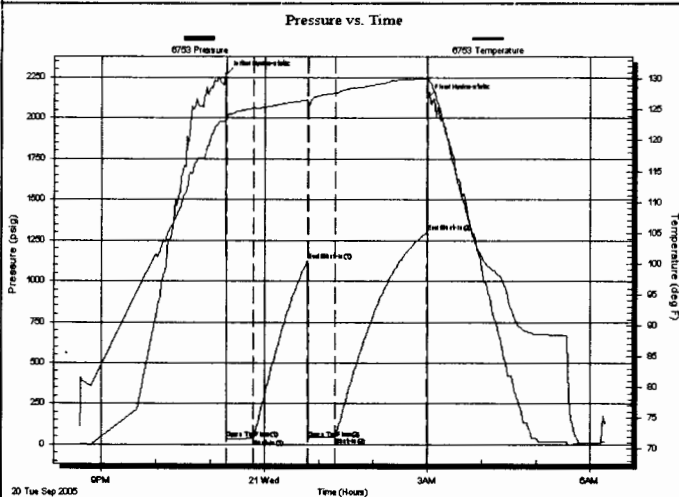
End Time:

06:17:48

Time On Btm: **2005.09.20 @ 23:17:18**

Time Off Btm: **2005.09.21 @ 03:00:18**

TEST COMMENT: IF: Strong blow . BOB 2 min.
IS: Bled off. No blow back.
FF: Strong blow . BOB Immediately.
FSI: Bled off. No blow back.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2268.45	123.18	Initial Hydro-static
1	36.47	123.33	Open To Flow (1)
31	36.93	125.25	Shut-In (1)
90	1123.49	126.58	End Shut-In (1)
91	37.09	126.03	Open To Flow (2)
121	44.66	127.64	Shut-In (2)
222	1299.82	130.10	End Shut-In (2)
223	2127.93	130.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	G & VSI OCM 14%g 2%o 4%w 80%m	0.15
0.00	1500' Gas in pipe.	0.00

Gas Rates

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



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TOOL DIAGRAM

MTM Petroleum, Inc.

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Job Ticket: 21503

DST#: 1

ATTN: Vern Schrag

Test Start: 2005.09.20 @ 20:37:03

Tool Information

Drill Pipe:	Length: 4230.00 ft	Diameter: 3.25 inches	Volume: 43.40 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: 266.00 ft	Diameter: 2.25 inches	Volume: 1.31 bbl	Weight to Pull Loose: 54000.00 lb
			<u>Total Volume: 44.71 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	35.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4484.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	34.00 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			4462.00	
Shut In Tool	5.00			4467.00	
Hydraulic tool	5.00			4472.00	
Safety Joint	2.00			4474.00	
Packer	5.00			4479.00	23.00 Bottom Of Top Packer
Packer	5.00			4484.00	
Stubb	1.00			4485.00	
Recorder	0.00	6753	Inside	4485.00	
Perforations	7.00			4492.00	
Recorder	0.00	13400	Outside	4492.00	
Bullnose	3.00			4495.00	11.00 Bottom Packers & Anchor

Total Tool Length: 34.00

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FLUID SUMMARY

MTM Petroleum, Inc.

Hargett #1

P.O. Box 82
Spivey, KS 67142

33-32s-8w

Job Ticket: 21503

DST#: 1

ATTN: Vern Schrag

Test Start: 2005.09.20 @ 20:37:03

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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	G & VSI OCM 14%g 2%o 4%w 80%m	0.148
0.00	1500' Gas in pipe.	0.000

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:

Serial #: 6753

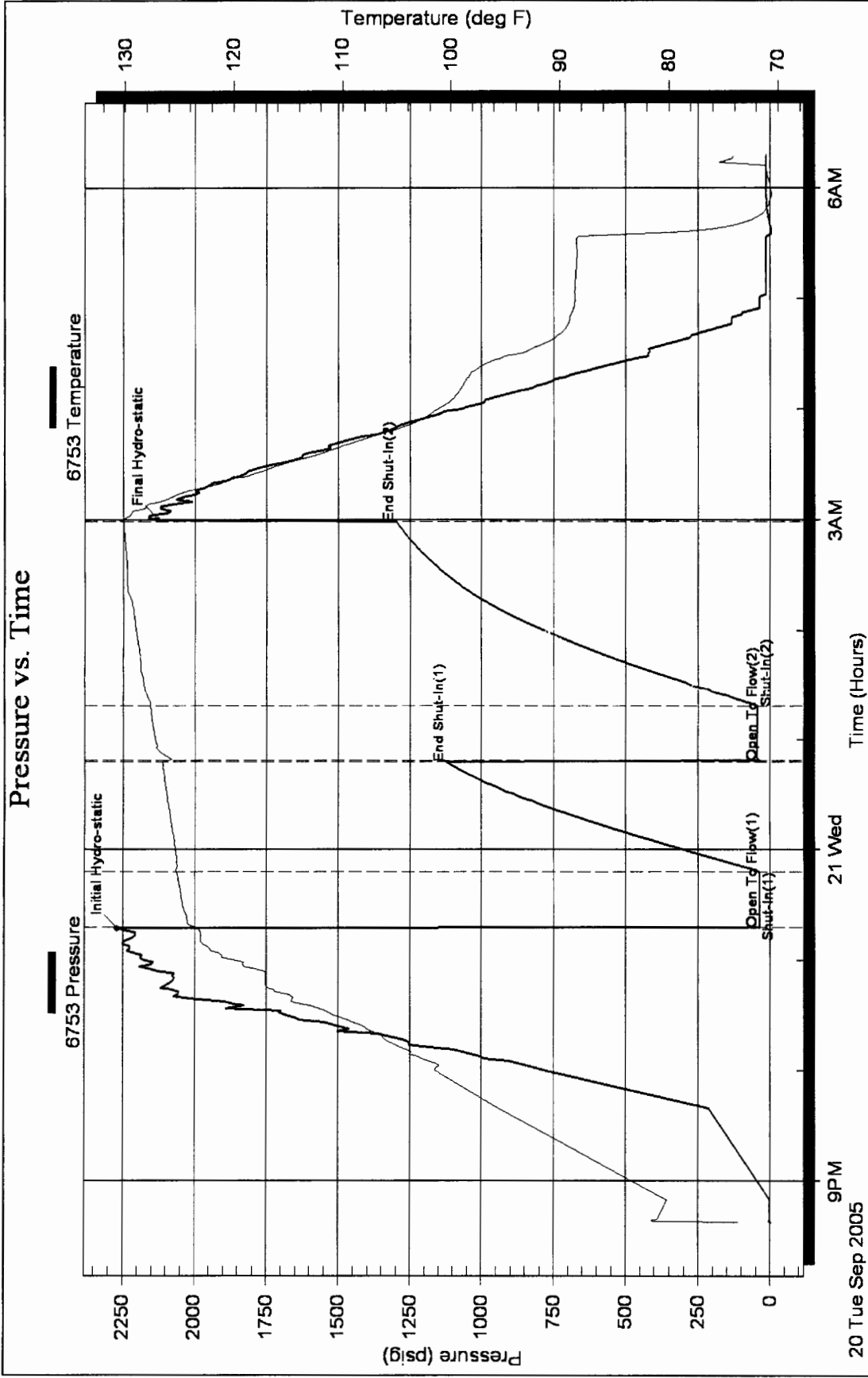
Inside

MTM Petroleum, Inc.

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DST Test Number: 1

Pressure vs. Time



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Ref. No: 21503

Printed: 2005.09.30 @ 10:44:14 Page 5