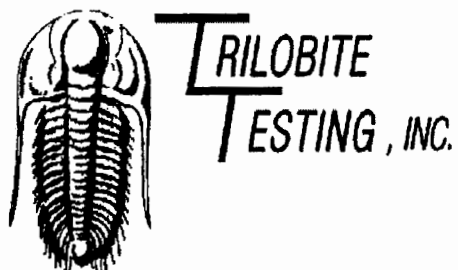


ORIGINAL



DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc.**

P.O. Box 82
Spivey, KS 67142

ATTN: Jerry A. Smith

2-31-8w HarperKS

Fryar "A" #1

Start Date: 2005.04.10 @ 11:38:05

End Date: 2005.04.10 @ 18:57:20

Job Ticket #: 21098

DST #: 1

15-077-21509-00-00

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Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

MTM Petroleum Inc.

P.O. Box 82
Spivey, KS 67142

ATTN: Jerry A. Smith

Fryar "A" #1

2-31-8w HarperKS

Job Ticket: 21098

DST#: 1

Test Start: 2005.04.10 @ 11:38:05

GENERAL INFORMATION:

Formation: **Mississippian**

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

Time Tool Opened: 13:23:05

Time Test Ended: 18:57:20

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **19**

Interval: **4413.00 ft (KB) To 4428.00 ft (KB) (TVD)**

Total Depth: **4428.00 ft (KB) (TVD)**

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

Reference Elevations: **1658.00 ft (KB)**

1650.00 ft (CF)

KB to GR/CF: **8.00 ft**

Serial #: **6667** Inside

Press@RunDepth: **86.93 psig @ 4414.00 ft (KB)**

Start Date: **2005.04.10**

End Date: **2005.04.10**

Start Time: **11:38:10**

End Time: **18:57:19**

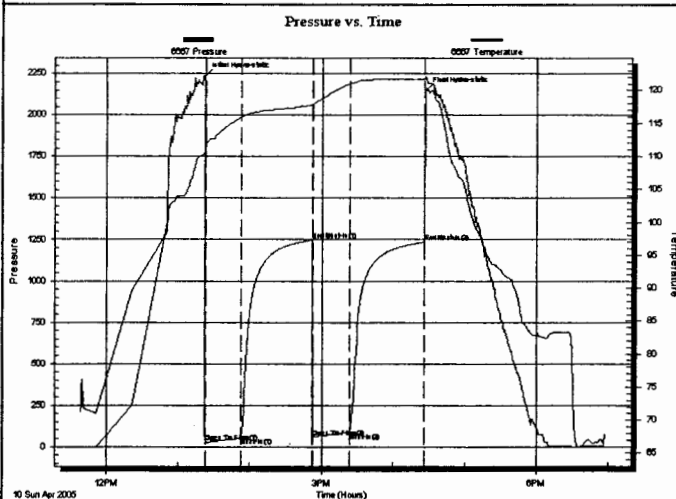
Capacity: **7000.00 psig**

Last Calib.: **2005.04.10**

Time On Btm: **2005.04.10 @ 13:22:20**

Time Off Btm: **2005.04.10 @ 16:27:05**

TEST COMMENT: IF: Strong blow. BOB 40sec. No GTS.
IS: Bled off. No blow back.
FF: Strong blow. BOB 7min. No GTS.
FSI: Bled off. Very weak surface blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.75	110.47	Initial Hydro-static
1	24.94	111.78	Open To Flow (1)
31	58.61	115.94	Shut-In(1)
90	1247.05	117.81	End Shut-In(1)
91	58.70	117.75	Open To Flow (2)
121	86.93	121.07	Shut-In(2)
184	1234.01	121.75	End Shut-In(2)
185	2145.32	122.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SLG&OCWtryM 4%g6%o22%w 68%m	0.36
60.00	SLOCmdyW 5%o36%m54%w	0.71
60.00	SLOCmdyW 4%o16%m80%w	0.71
0.00	RW: .12 ohm @ 68 deg F 67000ppm	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

MTM Petroleum Inc.

Fryar "A" #1

P.O. Box 82
Spivey, KS 67142

2-31-8w HarperKS

Job Ticket: 21098

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2005.04.10 @ 11:38:05

Tool Information

Drill Pipe:	Length: 4401.00 ft	Diameter: 3.50 inches	Volume: 52.37 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 74000.00 lb
			Total Volume: 52.37 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4413.00 ft			Final 73000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4395.00	
Hydraulic tool	5.00			4400.00	
Safety Joint	3.00			4403.00	
Packer	5.00			4408.00	23.00 Bottom Of Top Packer
Packer	5.00			4413.00	
Stubb	1.00			4414.00	
Recorder	0.00	6667	Inside	4414.00	
Perforations	11.00			4425.00	
Recorder	0.00	6074	Outside	4425.00	
Bullnose	3.00			4428.00	15.00 Bottom Packers & Anchor
Total Tool Length:	38.00				

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc.

Fryar "A" #1

P.O. Box 82
Spivey, KS 67142

2-31-8w HarperKS

Job Ticket: 21098

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2005.04.10 @ 11:38:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 9.59 in³

Resistivity: ohm.m

Salinity: 5500.00 ppm

Filter Cake: 0.04 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	SLG&OCWtryM4%g6%o22%w68%m	0.357
60.00	SLOCmdyW5%o36%m54%w	0.714
60.00	SLOCmdyW4%o16%m80%w	0.714
0.00	RW: .12 ohm @ 68 deg F 67000ppm	0.000

Total Length: 150.00 ft

Total Volume: 1.785 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

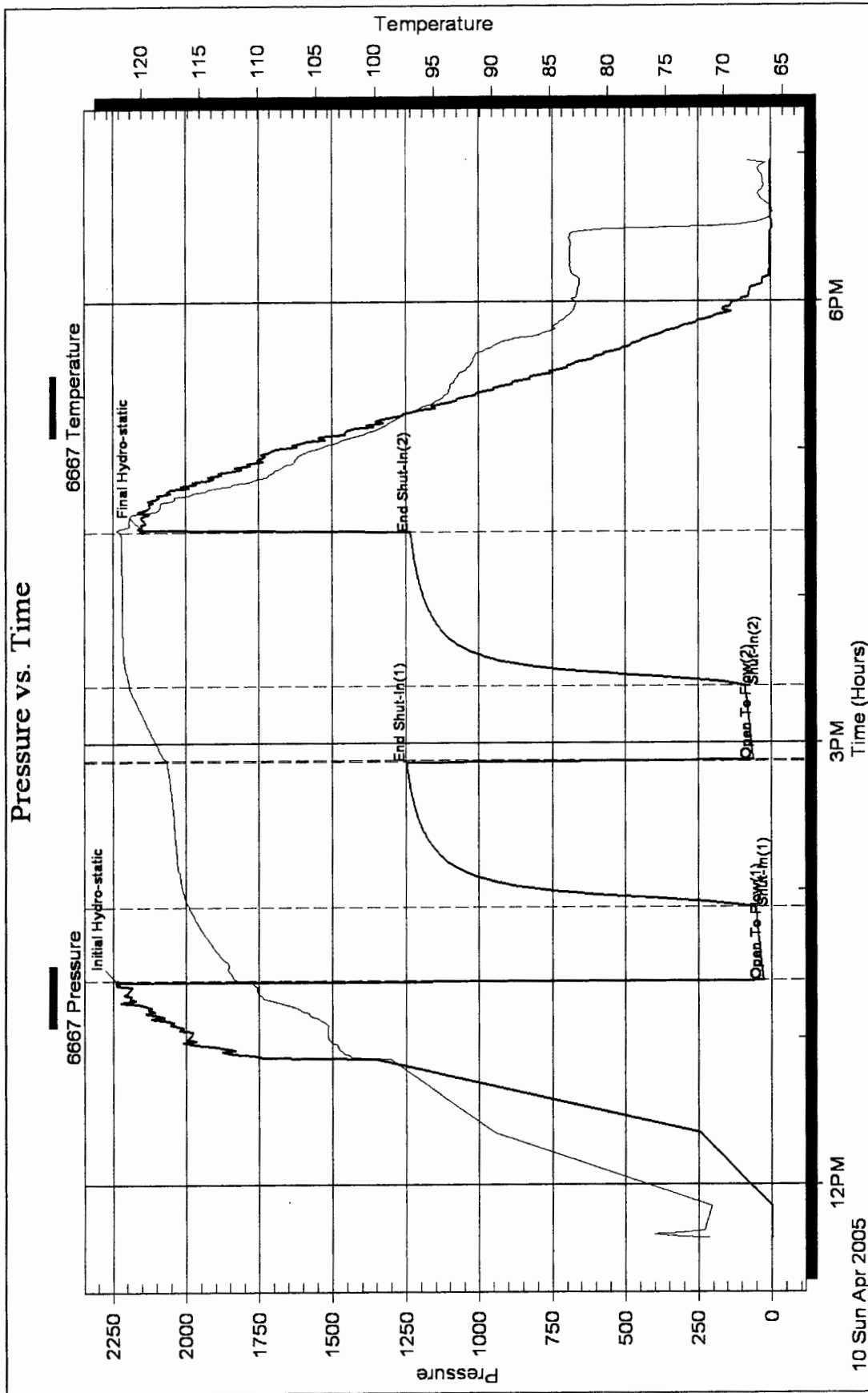
Serial #:

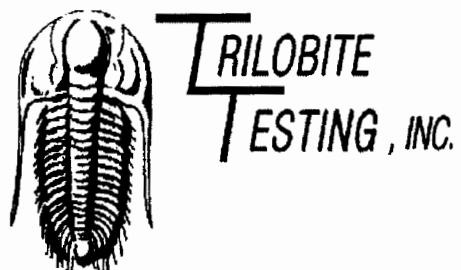
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc.**

P.O. Box 82
Spivey, KS 67142

ATTN: Jerry A. Smith

2-31-8w HarperKS

Fryar "A" #1

Start Date: 2005.04.11 @ 19:45:48

End Date: 2005.04.12 @ 01:50:18

Job Ticket #: 21099 DST #: 2

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

MTM Petroleum Inc.

P.O. Box 82
Spivey, KS 67142

ATTN: Jerry A. Smith

Fryar "A" #1

2-31-8w HarperKS

Job Ticket: 21099

DST#: 2

Test Start: 2005.04.11 @ 19:45:48

GENERAL INFORMATION:

Formation: **Simpson**

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

Time Tool Opened: 23:05:18

Time Test Ended: 01:50:18

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **19**

Interval: **4775.00 ft (KB) To 4790.00 ft (KB) (TVD)**

Reference Elevations: **1658.00 ft (KB)**

Total Depth: **4790.00 ft (KB) (TVD)**

1650.00 ft (CF)

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

KB to GR/CF: 8.00 ft

Serial #: 6667 **Inside**

Press@RunDepth: **19.85 psig @ 4776.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.04.11**

End Date: **2005.04.12**

Last Calib.: **2005.04.12**

Start Time: **19:45:53**

End Time: **01:50:17**

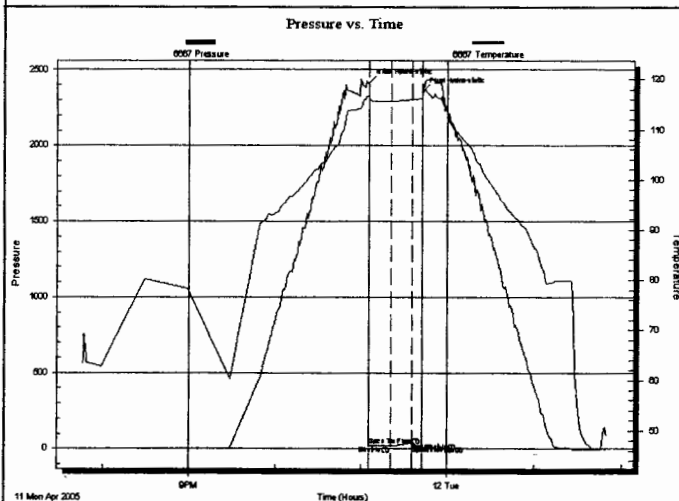
Time On Btm: **2005.04.11 @ 23:04:48**

Time Off Btm: **2005.04.11 @ 23:42:33**

TEST COMMENT: IF: Very weak blow @ .5"

IS: Bled off, no blow.

FF: No blow. Pulled after 5min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2413.58	116.52	Initial Hydro-static
1	19.99	115.99	Open To Flow (1)
16	19.85	115.63	Shut-In(1)
31	42.70	115.99	End Shut-In(1)
31	20.46	115.98	Open To Flow (2)
38	20.20	116.25	Shut-In(2)
38	2354.94	117.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100% Drig. Mud	0.06

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc.

Fryar "A" #1

P.O. Box 82
Spivey, KS 67142

2-31-8w HarperKS

Job Ticket: 21099

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2005.04.11 @ 19:45:48

Tool Information

Drill Pipe:	Length: 4784.00 ft	Diameter: 3.50 inches	Volume: 56.93 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 115000.0 lb
		Total Volume: 56.93 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 75000.00 lb
Depth to Top Packer:	4775.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	38.00 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			4757.00	
Hydraulic tool	5.00			4762.00	
Safety Joint	3.00			4765.00	
Packer	5.00			4770.00	23.00 Bottom Of Top Packer
Packer	5.00			4775.00	
Stubb	1.00			4776.00	
Recorder	0.00	6667	Inside	4776.00	
Perforations	11.00			4787.00	
Recorder	0.00	6074	Outside	4787.00	
Bullnose	3.00			4790.00	15.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc.

Fryar "A" #1

P.O. Box 82
Spivey, KS 67142

2-31-8w HarperKS

Job Ticket: 21099

DST#: 2

ATTN: Jerry A. Smith

Test Start: 2005.04.11 @ 19:45:48

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: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.04 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Drlg. Mud	0.059

Total Length: 5.00 ft

Total Volume: 0.059 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6667

Inside

MTM Petroleum Inc.

2-31-8w HarperKS

DST Test Number: 2

Pressure vs. Time

