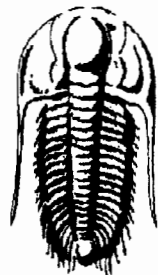


15-095-22068

21-305-9w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum Inc**

PO Box 82
Spivey KS 67142

ATTN: Jerry Smith

21 30 9W Kingman KS

Lauterbach #1

Start Date: 2007.01.11 @ 16:32:47

End Date: 2007.01.12 @ 01:39:17

Job Ticket #: 25834 DST #: 1

KCC
APR 13 2007
CONFIDENTIAL

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2007.01.19 @ 14:23:21 Page 1

RECEIVED
KANSAS CORPORATION COMMISSION

APR 16 2007

CONSERVATION DIVISION

MTM Petroleum Inc

Lauterbach #1

21 30 9W Kingman KS

DST # 1

Mississippian

2007.01.11



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

MTM Petroleum Inc

PO Box 82
Spivey KS 67142

ATTN: Jerry Smith

Lauterbach #1

21 30 9W Kingman KS

Job Ticket: 25834

DST#: 1

Test Start: 2007.01.11 @ 16:32:47

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:14:47

Time Test Ended: 01:39:17

Test Type: Conventional Bottom Hole

Tester: Gerald Adams

Unit No: 36

Interval: **4315.00 ft (KB) To 4334.00 ft (KB) (TVD)**

Total Depth: 4334.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1652.00 ft (KB)

1647.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6798

Inside

Press@RunDepth: 132.19 psig @ 4316.00 ft (KB)

Start Date: 2007.01.11

End Date:

2007.01.12

Capacity: 7000.00 psig

Last Calib.: 2007.01.12

Start Time: 16:32:52

End Time:

01:39:17

Time On Btm: 2007.01.11 @ 19:13:17

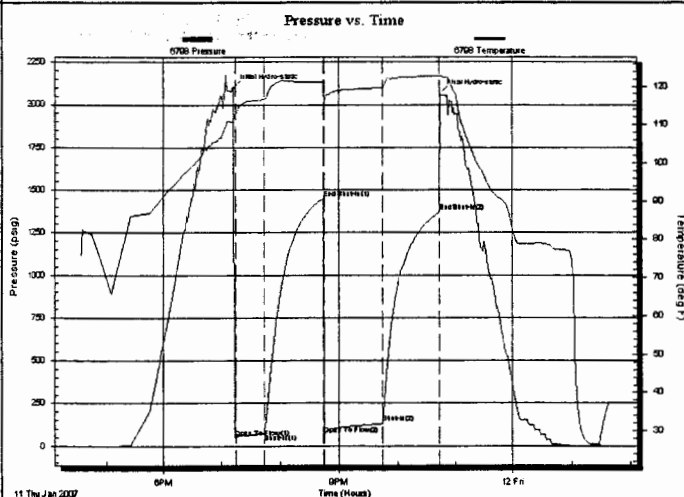
Time Off Btm: 2007.01.11 @ 22:44:16

TEST COMMENT: IF Strong blow BOB in 20 secs.

ISI Weak blow Steady at 3"

FF Strong blow BOB immediately GTS immediately (see gas flow report)

FSI Fair blow BOB in 35 mins.



PRESSURE SUMMARY

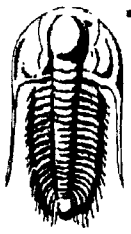
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.75	110.84	Initial Hydro-static
2	49.77	112.77	Open To Flow (1)
32	73.60	116.53	Shut-In (1)
91	1447.16	121.26	End Shut-In (1)
93	69.05	115.74	Open To Flow (2)
151	132.19	119.63	Shut-In (2)
211	1371.13	122.56	End Shut-In (2)
211	2063.70	122.93	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
122.00	SMCvW/Oil scum 90%W 10%M	0.60
122.00	SW&MCO 60%G 30%O 5%W 5%M	0.61
121.00	HG&MCO 25%G 45%O 30%M	1.70
0.00	3956' GIP	0.00
0.00	RW= .096 @ 35.5 deg. 13000 ppm	0.00
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	5.00	30.94
Last Gas Rate			
Max. Gas Rate	0.25	5.00	30.94



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum Inc

Lauterbach #1

PO Box 82
Spivey KS 67142

21 30 9W Kingman KS

ATTN: Jerry Smith

Job Ticket: 25834

DST#: 1

Test Start: 2007.01.11 @ 16:32:47

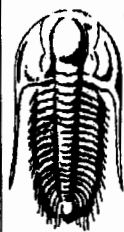
Tool Information

Drill Pipe:	Length: 4078.00 ft	Diameter: 3.80 inches	Volume: 57.20 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: 243.00 ft	Diameter: 2.25 inches	Volume: 1.20 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	58.40 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	4315.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	19.00 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
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			4297.00	
Hydraulic tool	5.00			4302.00	
Safety Joint	3.00			4305.00	
Packer	5.00			4310.00	23.00 Bottom Of Top Packer
Packer	5.00			4315.00	
Stubb	1.00			4316.00	
Recorder	0.00	6798	Inside	4316.00	
Perforations	15.00			4331.00	
Recorder	0.00	13400	Outside	4331.00	
Bullnose	3.00			4334.00	19.00 Bottom Packers & Anchor
Total Tool Length:	42.00				

APR 16 2007



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum Inc

Lauterbach #1

PO Box 82
Spivey KS 67142

21 30 9W Kingman KS

Job Ticket: 25834

DST#: 1

ATTN: Jerry Smith

Test Start: 2007.01.11 @ 16:32:47

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
122.00	SMCWw/Oil scum 90%W 10%M	0.600
122.00	SW&MCO 60%G 30%O 5%W 5%M	0.609
121.00	HG&MCO 25%G 45%O 30%M	1.697
0.00	3956' GIP	0.000
0.00	RVW= .096 @ 35.5 deg. 13000 ppm	0.000
0.00		0.000

Total Length: 365.00 ft

Total Volume: 2.906 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: GA-2

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

MTM Petroleum Inc

Lauterbach #1

PO Box 82
Spivey KS 67142

21 30 9W Kingman KS

Job Ticket: 25834

DST#: 1

ATTN: Jerry Smith

Test Start: 2007.01.11 @ 16:32:47

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	10	0.25	5.00	30.94
2	20	0.25	3.50	28.56
2	30	0.25	3.00	27.76
2	40	0.25	2.00	26.18
2	50	0.25	2.00	26.18
2	60	0.25	2.00	26.18
0	-	-999999.00	-999999.00	-999999.00

APR 16 2007

DST Test Number: 1

21 30 9W Kingman KS

MTM Petroleum Inc

Inside

Serial #: 6798

Pressure vs. Time

