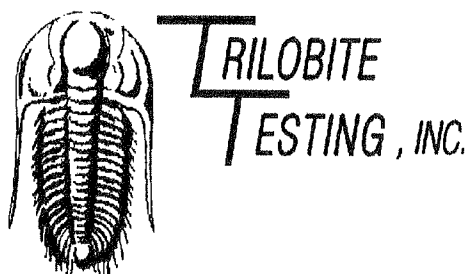


15-097-21632

23-30s-19w

150



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

CONFIDENTIAL

JUL 02 2008

KCC

ATTN: Tim Priest

23 30S 19W Kiowa KS

Hill A # 1-23

Start Date: 2008.03.27 @ 11:21:24

End Date: 2008.03.27 @ 20:29:24

Job Ticket #: 31228 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

AUG 13 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
PO Box 1733 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

McCoy Petroleum Corporation

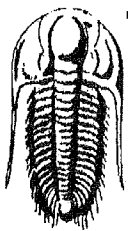
Hill A # 1-23

23 30S 19W Kiowa KS

DST # 1

Miss

2008.03.27



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

Hill A # 1-23

23 30S 19W Kiowa KS

Job Ticket: 31228

DST#: 1

Test Start: 2008.03.27 @ 11:21:24

GENERAL INFORMATION:

Formation: **Miss**

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

Time Tool Opened: 13:59:39

Time Test Ended: 20:29:24

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **5086.00 ft (KB) To 5119.00 ft (KB) (TVD)**

Total Depth: **5119.00 ft (KB) (TVD)**

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

Reference Elevations: **2254.00 ft (KB)**

2241.00 ft (CF)

KB to GR/CF: **13.00 ft**

Serial #: **8167** Inside

Press@RunDepth: **343.14 psig @ 5087.00 ft (KB)**

Start Date: **2008.03.27**

End Date:

2008.03.27

Start Time: **11:21:25**

End Time:

20:29:24

Capacity: **7000.00 psig**

Last Calib.: **2008.03.27**

Time On Btm: **2008.03.27 @ 13:54:54**

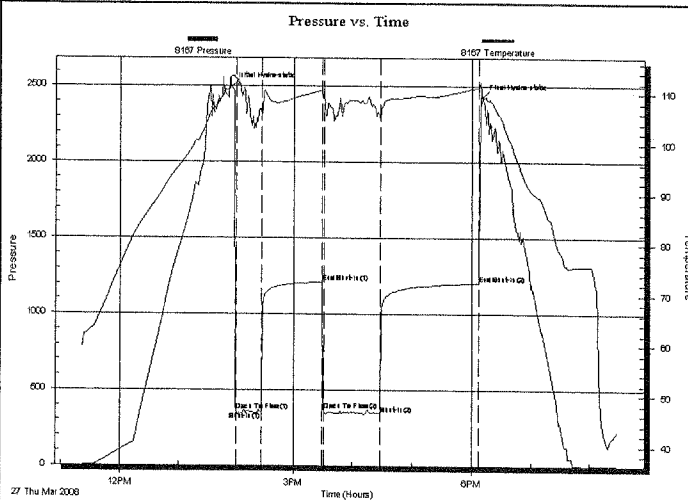
Time Off Btm: **2008.03.27 @ 18:09:54**

TEST COMMENT: IF Strong blow GTS in 2 mins. (see gas flow report)

ISI Fair to strong blow BOB in 45 mins.

FF Strong blow (see gas flow report)

FSI No blow



PRESSURE SUMMARY

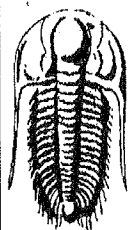
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2498.12	113.48	Initial Hydro-static
5	362.56	113.21	Open To Flow(1)
32	354.29	106.81	Shut-In(1)
95	1209.23	110.80	End Shut-In(1)
96	363.73	109.89	Open To Flow(2)
153	343.14	104.67	Shut-In(2)
252	1203.36	111.28	End Shut-In(2)
255	2428.12	109.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GWcMO 13%G 10%W 30%M 47%O	0.61
81.00	GOCWM 30%G 16%O 15%W 39%M	0.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	90.00	1630.71
Last Gas Rate	0.75	109.00	1927.49
Max. Gas Rate	0.75	110.00	1943.11



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

Hill A # 1-23

8080 E Central Ste 300
Wichita KS 67206

23 30S 19W Kiowa KS

ATTN: Tim Priest

Job Ticket: 31228

DST#: 1

Test Start: 2008.03.27 @ 11:21:24

Tool Information

Drill Pipe:	Length: 4823.00 ft	Diameter: 3.80 inches	Volume: 67.65 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:	24000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	114000.0 lb
		Total Volume:	68.87 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	91000.00 lb
Depth to Top Packer:	5086.00 ft			Final	91000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	33.00 ft				
Tool Length:	53.00 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			5067.00	
Shut In Tool	5.00			5072.00	
Hydraulic tool	5.00			5077.00	
Packer	4.00			5081.00	20.00 Bottom Of Top Packer
Packer	5.00			5086.00	
Stubb	1.00			5087.00	
Recorder	0.00	8167	Inside	5087.00	
Recorder	0.00	8357	Inside	5087.00	
Perforations	27.00			5114.00	
Bullnose	5.00			5119.00	33.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Hill A # 1-23

8080 E Central Ste 300
Wichita KS 67206

23 30S 19W Kiowa KS

Job Ticket: 31228

DST#: 1

ATTN: Tim Priest

Test Start: 2008.03.27 @ 11:21:24

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:

6000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	GWcMO 13%G 10%W 30%M 47%O	0.610
81.00	GOCWM 30%G 16%O 15%W 39%M	0.398

Total Length: 205.00 ft

Total Volume: 1.008 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

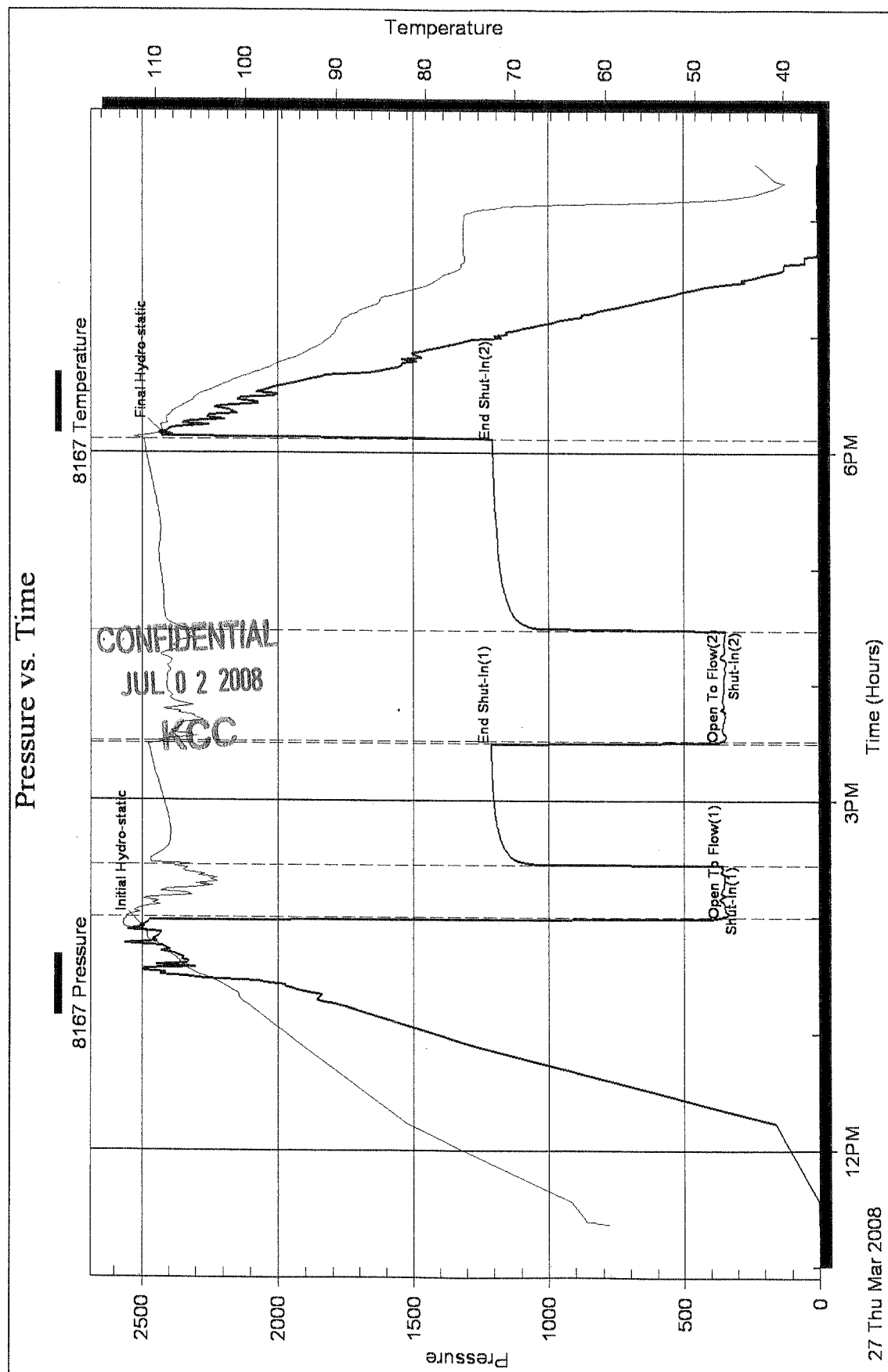
Serial #: gp-1

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



GAS VOLUME REPORT

Operator: McCoy Petroleum

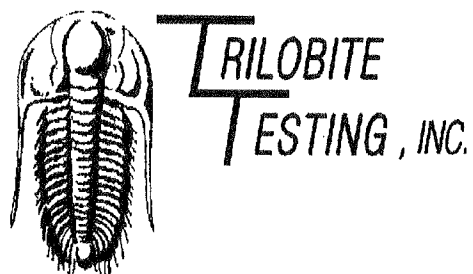
Well Name: Hill A #1-23

DST #:

1

Remarks:

[illegible]



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

CONFIDENTIAL
JUL 02 2008
KCC

ATTN: Tim Priest

23 30S 19W Kiowa KS

Hill A # 1-23

Start Date: 2008.03.28 @ 05:49:42

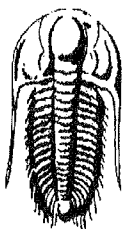
End Date: 2008.03.28 @ 15:14:57

Job Ticket #: 31229 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita KS 67206

ATTN: Tim Priest

Hill A # 1-23

23 30S 19W Kiowa KS

Job Ticket: 31229

DST#: 2

Test Start: 2008.03.28 @ 05:49:42

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:27

Time Test Ended: 15:14:57

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **5119.00 ft (KB) To 5134.00 ft (KB) (TVD)**

Total Depth: 5134.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2254.00 ft (KB)

2241.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8167

Inside

Press@RunDepth: 90.53 psig @ 5120.00 ft (KB)

Start Date: 2008.03.28

End Date:

2008.03.28

Start Time: 05:49:43

End Time:

15:14:57

Capacity: 7000.00 psig

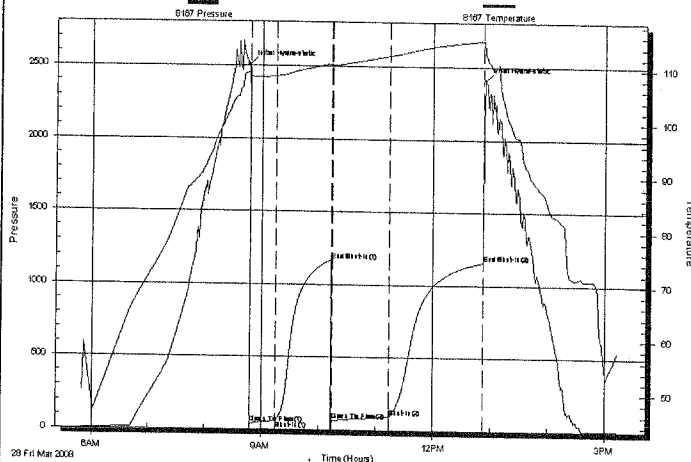
Last Calib.: 2008.03.28

Time On Btm: 2008.03.28 @ 08:46:42

Time Off Btm: 2008.03.28 @ 12:54:42

TEST COMMENT: IF Weak blow 1/2 - 1 "
ISI No blow
FF Weak blow 1/2 - 1 1/2 "
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

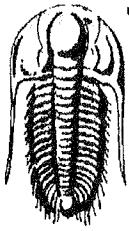
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2508.60	109.23	Initial Hydro-static
2	36.94	108.62	Open To Flow (1)
29	59.99	108.60	Shut-In(1)
87	1167.02	110.92	End Shut-In(1)
87	65.61	110.65	Open To Flow (2)
147	90.53	112.46	Shut-In(2)
246	1155.88	115.36	End Shut-In(2)
248	2412.59	112.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCWM 2%O 26%W 72%M	0.30
100.00	GOCM 16%G 9%O 75%M	0.49
0.00	30' of GIP	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

McCoy Petroleum Corporation

Hill A # 1-23

8080 E Central Ste 300
Wichita KS 67206

23 30S 19W Kiowa KS

Job Ticket: 31229

DST#: 2

ATTN: Tim Priest

Test Start: 2008.03.28 @ 05:49:42

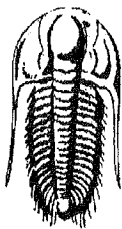
Tool Information

Drill Pipe:	Length: 4855.00 ft	Diameter: 3.80 inches	Volume: 68.10 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:	24000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	109000.0 lb
		Total Volume:	69.32 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial	91000.00 lb
Depth to Top Packer:	5119.00 ft			Final	91500.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	35.00 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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Change Over Sub	1.00			5100.00	
Shut In Tool	5.00			5105.00	
Hydraulic tool	5.00			5110.00	
Packer	4.00			5114.00	20.00 Bottom Of Top Packer
Packer	5.00			5119.00	
Stubb	1.00			5120.00	
Recorder	0.00	8167	Inside	5120.00	
Recorder	0.00	8357	Inside	5120.00	
Perforations	9.00			5129.00	
Bullnose	5.00			5134.00	15.00 Bottom Packers & Anchor
Total Tool Length:	35.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Hill A # 1-23

8080 E Central Ste 300
Wichita KS 67206

23 30S 19W Kiowa KS

ATTN: Tim Priest

Job Ticket: 31229

DST#: 2

Test Start: 2008.03.28 @ 05:49:42

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 9.58 in³

Resistivity: 0.00 ohm.m

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity:

6000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCWM 2%O 26%V 72%M	0.295
100.00	GOCM 16%G 9%O 75%M	0.492
0.00	30' of GIP	0.000

Total Length: 160.00 ft

Total Volume: 0.787 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

