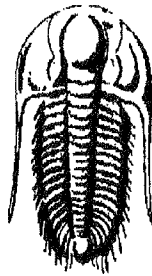


15-047-21579

17-26s-17w

IND



TRILOBITE
TESTING, INC.

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SEP 09 2008
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DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central
Suite 300
Wichita, KS 67206

ATTN: Tim Priest

17 26 17 Edwards KS

BUCHANAN TRUST "B" 1-17

Start Date: 2008.09.02 @ 22:10:00

End Date: 2008.09.03 @ 08:17:19

Job Ticket #: 32097 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

SEP 15 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

BUCHANAN TRUST "B" 1-17

17 26 17 Edwards KS

DST # 1

Pawnee

2008.09.02



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

BUCHANAN TRUST "B" 1-17

17 26 17 Edwards KS

Job Ticket: 32097

DST#: 1

Test Start: 2008.09.02 @ 22:10:00

GENERAL INFORMATION:

Formation: **Pawnee**

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

Time Tool Opened: 01:25:20

Time Test Ended: 08:17:19

Test Type: **Conventional Bottom Hole**

Tester: **Jake Fahrenbruch**

Unit No: **43**

Interval: **4486.00 ft (KB) To 4512.00 ft (KB) (TVD)**

Total Depth: **4512.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2146.00 ft (KB)**

2133.00 ft (CF)

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

Serial #: 8352 **Inside**

Press@RunDepth: **37.72 psig @ 4487.00 ft (KB)**

Start Date: **2008.09.02**

End Date:

2008.09.03

Start Time: **22:10:02**

End Time:

08:17:19

Capacity: **7000.00 psig**

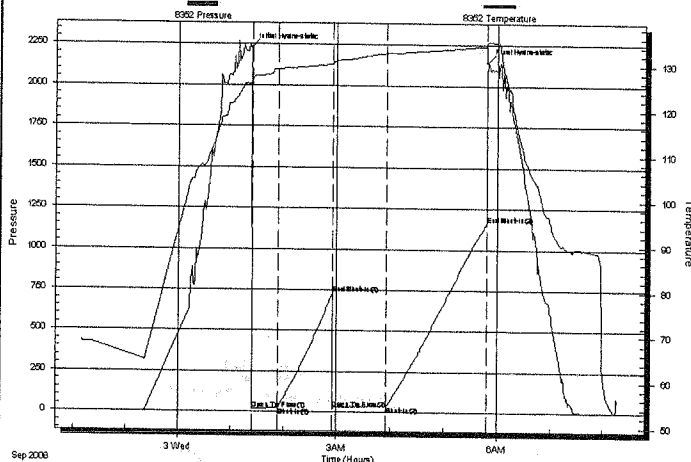
Last Calib.: **2008.09.03**

Time On Btm: **2008.09.03 @ 01:24:00**

Time Off Btm: **2008.09.03 @ 05:48:39**

TEST COMMENT: IF Fair blow, BOB in 22 minutes
ISI Bled off, no blow back
FF Strong blow, BOB 10 seconds
FSI Bled off, no blow back

Pressure vs. Time



PRESSURE SUMMARY

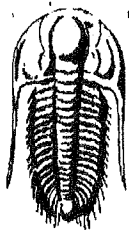
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2232.29	125.79	Initial Hydro-static
2	16.20	126.69	Open To Flow (1)
30	23.95	129.13	Shut-In(1)
91	725.05	130.16	End Shut-In(1)
92	20.96	130.20	Open To Flow (2)
152	37.72	132.62	Shut-In(2)
264	1158.64	134.30	End Shut-In(2)
265	2144.06	135.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	G&OCM 15%g 25%o 60%m	0.30
0.00	1090' Gas in pipe	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

BUCHANAN TRUST "B" 1-17

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

17 26 17 Edwards KS

Job Ticket: 32097

DST#: 1

Test Start: 2008.09.02 @ 22:10:00

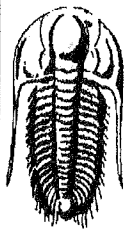
Tool Information

Drill Pipe:	Length: 4244.00 ft	Diameter: 3.80 inches	Volume: 59.53 bbl	Tool Weight:	2500.00 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: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose:	90000.00 lb
		Total Volume:	60.76 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial	80000.00 lb
Depth to Top Packer:	4486.00 ft			Final	84000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 ft				
Tool Length:	46.00 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			4471.00	
Hydraulic tool	5.00			4476.00	
Packer	5.00			4481.00	20.00 Bottom Of Top Packer
Packer	5.00			4486.00	
Stubb	1.00			4487.00	
Recorder	0.00	8352	Inside	4487.00	
Recorder	0.00	6799	Inside	4487.00	
Perforations	22.00			4509.00	
Bullnose	3.00			4512.00	26.00 Bottom Packers & Anchor
Total Tool Length:	46.00				

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

BUCHANAN TRUST "B" 1-17

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

17 26 17 Edwards KS

Job Ticket: 32097

DST#: 1

Test Start: 2008.09.02 @ 22:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 9.57 in³

Resistivity: ohm.m

Salinity: 6100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	G&OCM 15%g 25%o 60%m	0.305
0.00	1090' Gas in pipe	0.000

Total Length: 62.00 ft

Total Volume: 0.305 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

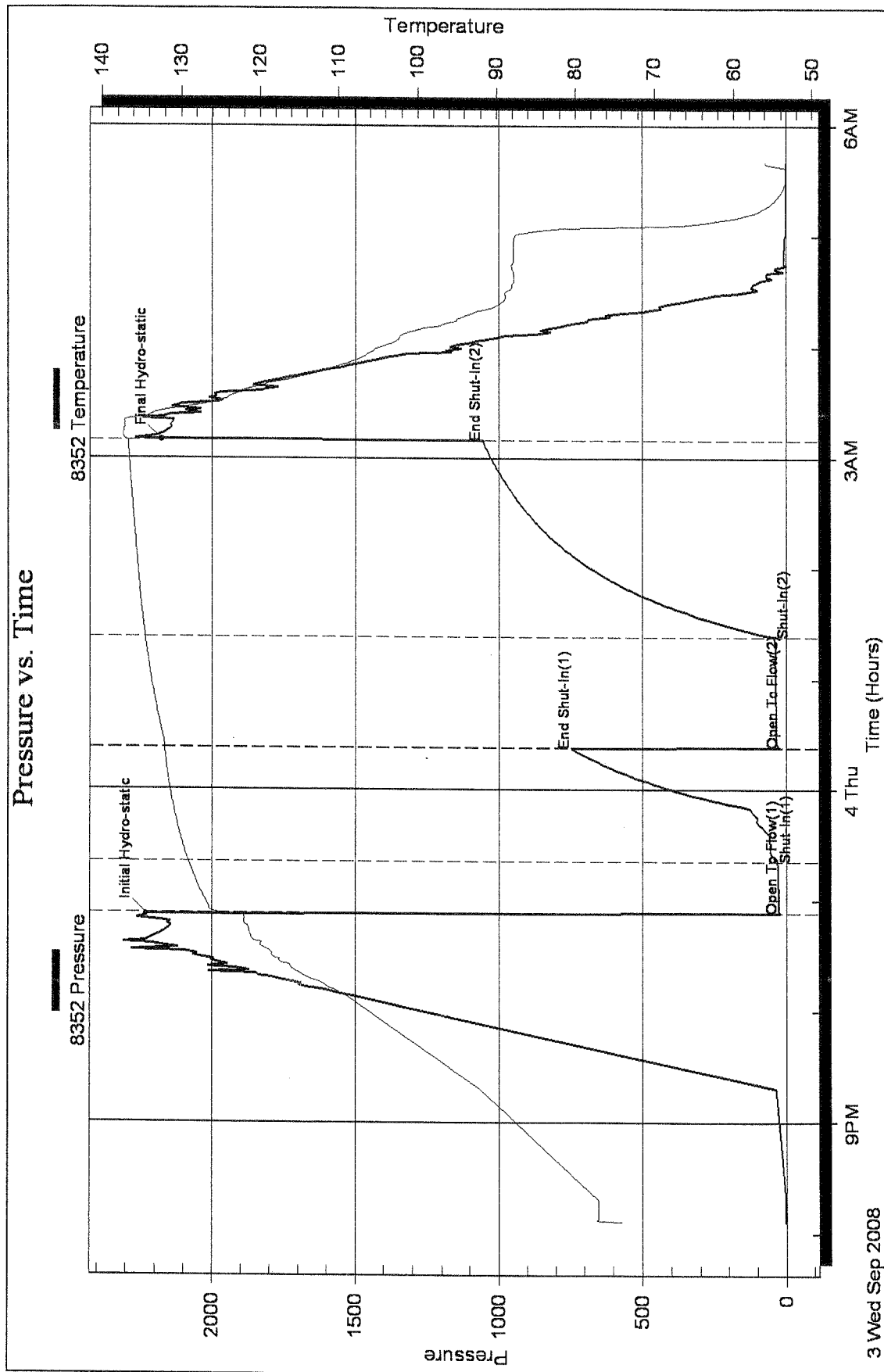
Serial #:

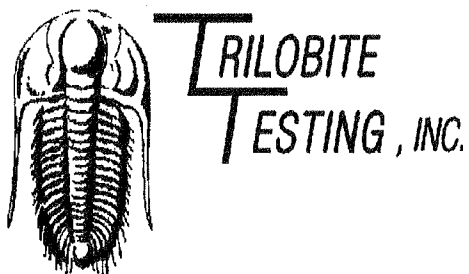
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central
Suite 300
Wichita, KS 67206

ATTN: Tim Priest

17 26 17 Edwards KS

BUCHANAN TRUST "B" 1-17

Start Date: 2008.09.03 @ 20:06:00

End Date: 2008.09.04 @ 05:40:30

Job Ticket #: 32098 DST #: 2

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WICHITA, KS

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
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

BUCHANAN TRUST "B" 1-17

17 26 17 Edwards KS

Job Ticket: 32098

DST#: 2

Test Start: 2008.09.03 @ 20:06:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:00

Time Test Ended: 05:40:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **4546.00 ft (KB) To 4577.00 ft (KB) (TVD)**

Total Depth: 4577.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2146.00 ft (KB)

2133.00 ft (CF)

KB to GRVCF: 13.00 ft

Serial #: 8352 Inside

Press@RunDepth: 39.29 psig @ 4547.00 ft (KB)

Start Date: 2008.09.03

End Date:

2008.09.04

Start Time: 20:06:02

End Time:

05:40:30

Capacity: 7000.00 psig

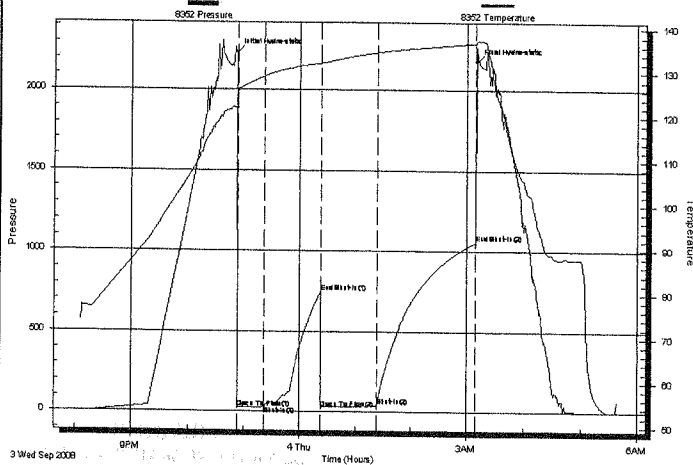
Last Calib.: 2008.09.04

Time On Btm: 2008.09.03 @ 22:52:20

Time Off Btm: 2008.09.04 @ 03:09:40

TEST COMMENT: IF Strong blow, BOB 1 minute
ISI Bled off 5 minutes, blowback at BOB after 15 minutes.
FF Strong blow, BOB 5 seconds. No GTS
FSI Bled off, no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2228.81	122.22	Initial Hydro-static
1	22.95	124.63	Open To Flow (1)
29	31.43	129.12	Shut-In (1)
90	746.76	132.16	End Shut-In (1)
91	21.79	132.07	Open To Flow (2)
151	39.29	134.54	Shut-In (2)
257	1054.40	136.71	End Shut-In (2)
258	2176.68	137.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
25.00	Drilling Mud 100% m	0.12
0.00	Could not smell any gas in the pipe.	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

BUCHANAN TRUST "B" 1-17

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

17 26 17 Edwards KS

Job Ticket: 32098

DST#: 2

Test Start: 2008.09.03 @ 20:06:00

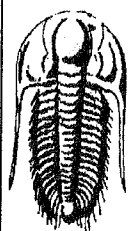
Tool Information

Drill Pipe:	Length: 4308.00 ft	Diameter: 3.80 inches	Volume: 60.43 bbl	Tool Weight: 2500.00 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: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume:	61.66 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 83000.00 lb
Depth to Top Packer:	4546.00 ft			Final 83000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	51.00 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			4531.00	
Hydraulic tool	5.00			4536.00	
Packer	5.00			4541.00	20.00 Bottom Of Top Packer
Packer	5.00			4546.00	
Stubb	1.00			4547.00	
Recorder	0.00	8352	inside	4547.00	
Recorder	0.00	6799	inside	4547.00	
Perforations	27.00			4574.00	
Bullnose	3.00			4577.00	31.00 Bottom Packers & Anchor
Total Tool Length:	51.00				

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

BUCHANAN TRUST "B" 1-17

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

17 26 17 Edwards KS

Job Ticket: 32098

DST#: 2

Test Start: 2008.09.03 @ 20:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 11.18 in³

Resistivity: ohm.m

Salinity: 9000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
25.00	Drilling Mud 100% _m	0.123
0.00	Could not smell any gas in the pipe.	0.000

Total Length: 25.00 ft

Total Volume: 0.123 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 2

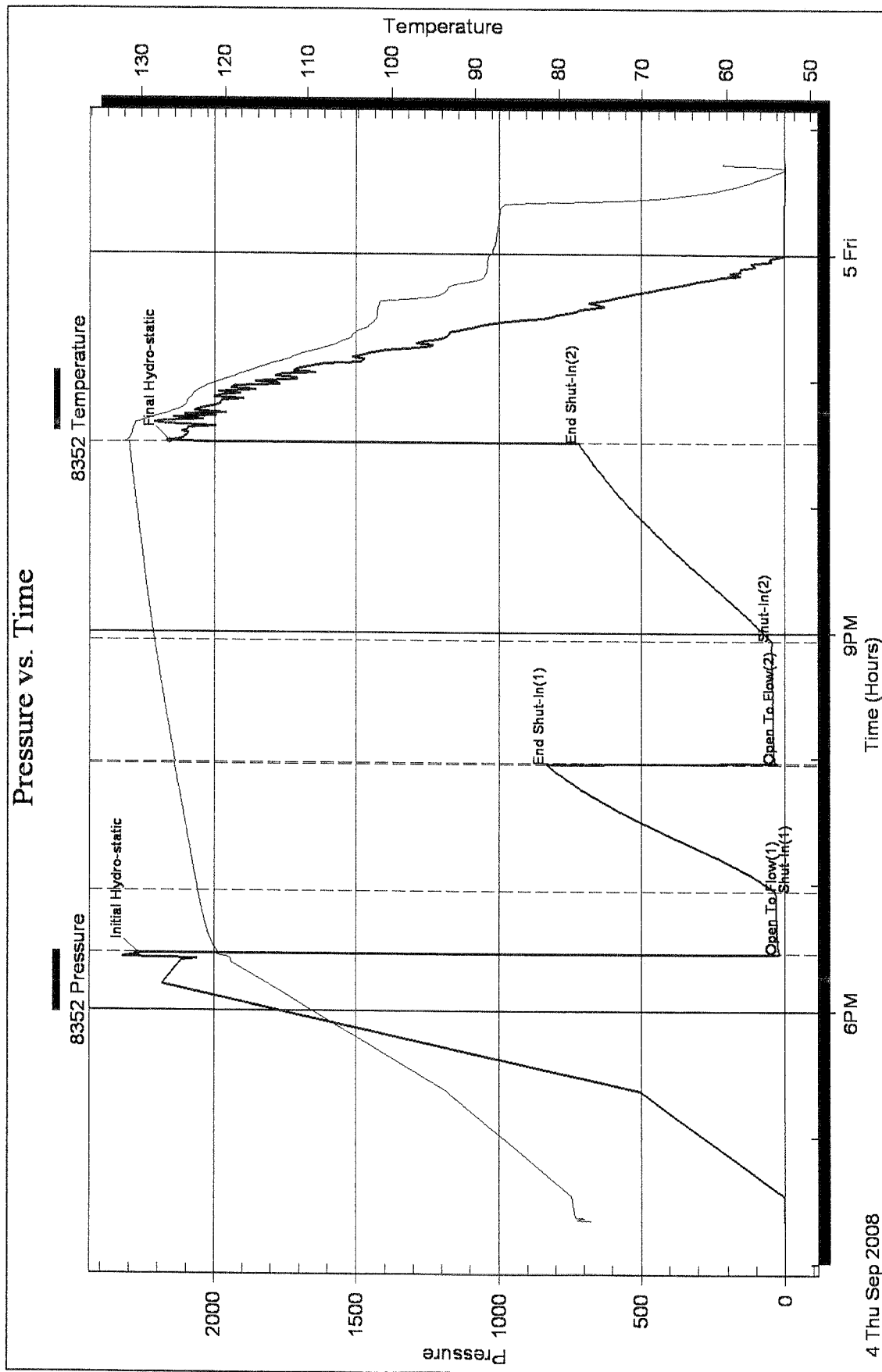
17 26 17 Edwards KS

McCoy Petroleum Corporation

Inside

Serial #: 8352

Pressure vs. Time

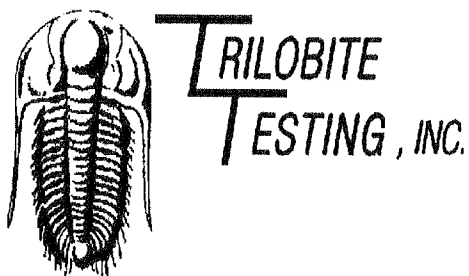


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Ref. No: 32098

Trilobite Testing, Inc

Printed: 2008.09.11 @ 13:30:34 Page 5



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central
Suite 300
Wichita, KS 67206

ATTN: Tim Priest

17 26 17 Edwards KS

BUCHANAN TRUST "B" 1-17

Start Date: 2008.09.04 @ 16:20:00

End Date: 2008.09.05 @ 00:43:30

Job Ticket #: 32099 DST #: 3

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PO Box 1733 Hays, KS 67601
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Printed: 2008.09.11 @ 13:30:47 Page 1

McCoy Petroleum Corporation

BUCHANAN TRUST "B" 1-17

17 26 17 Edwards KS

DST # 3

Kinderhook Sand

2008.09.04



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

BUCHANAN TRUST "B" 1-17

17 26 17 Edwards KS

Job Ticket: 32099

DST#: 3

Test Start: 2008.09.04 @ 16:20:00

GENERAL INFORMATION:

Formation: **Kinderhook Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:27:20

Time Test Ended: 00:43:30

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **4562.00 ft (KB) To 4615.00 ft (KB) (TVD)**

Total Depth: 4615.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2146.00 ft (KB)

2133.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8352 Inside

Press@RunDepth: 45.65 psig @ 4574.00 ft (KB)

Start Date: 2008.09.04

End Date: 2008.09.05

Capacity: 7000.00 psig

Last Calib.: 2008.09.05

Start Time: 16:20:02

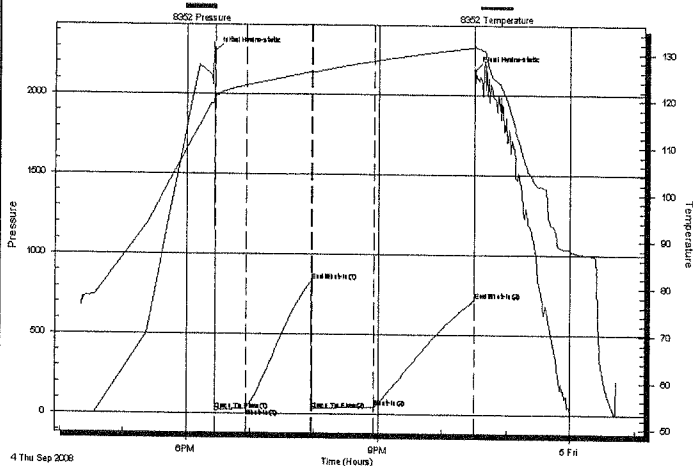
End Time: 00:43:30

Time On Btm: 2008.09.04 @ 18:26:40

Time Off Btm: 2008.09.04 @ 22:30:40

TEST COMMENT: IF Fair blow, built to 11.5" in bucket
ISI Bled off, no blow back
FF Fair blow, built to BOB in 32 minutes
FSI Bled off, no blow back

Pressure vs. Time



PRESSURE SUMMARY

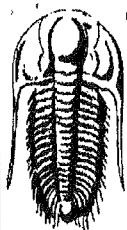
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2269.34	121.10	Initial Hydro-static
1	20.13	120.75	Open To Flow (1)
30	31.33	123.16	Shut-In (1)
91	834.84	126.04	End Shut-In (1)
91	27.80	125.95	Open To Flow (2)
150	45.65	128.41	Shut-In (2)
244	719.87	131.41	End Shut-In (2)
244	2158.46	131.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Drilling Mud 100% m	0.15
0.00	470' GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

BUCHANAN TRUST "B" 1-17

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

17 26 17 Edwards KS

Job Ticket: 32099

DST#: 3

Test Start: 2008.09.04 @ 16:20:00

Tool Information

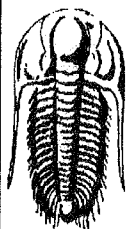
Drill Pipe:	Length: 4308.00 ft	Diameter: 3.80 inches	Volume: 60.43 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 250.00 ft	Diameter: 2.25 inches	Volume: 1.23 bbl	Weight to Pull Loose:	95000.00 lb
		Total Volume:	61.66 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	83000.00 lb
Depth to Top Packer:	4562.00 ft			Final	83000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	53.00 ft				
Tool Length:	73.00 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			4547.00	
Hydraulic tool	5.00			4552.00	
Packer	5.00			4557.00	20.00 Bottom Of Top Packer
Packer	5.00			4562.00	
Stubb	1.00			4563.00	
Perforations	10.00			4573.00	
Change Over Sub	1.00			4574.00	
Recorder	0.00	8352	Inside	4574.00	
Recorder	0.00	6799	Inside	4574.00	
Blank Spacing	32.00			4606.00	
Change Over Sub	1.00			4607.00	
Perforations	5.00			4612.00	
Bullnose	3.00			4615.00	53.00 Bottom Packers & Anchor

Total Tool Length: 73.00

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

BUCHANAN TRUST "B" 1-17

8080 E Central
Suite 300
Wichita, KS 67206
ATTN: Tim Priest

17 26 17 Edwards KS

Job Ticket: 32099

DST#: 3

Test Start: 2008.09.04 @ 16:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 9.56 in³

Resistivity: ohm.m

Salinity: 6100.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	Drilling Mud 100% _m	0.148
0.00	470' GIP	0.000

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

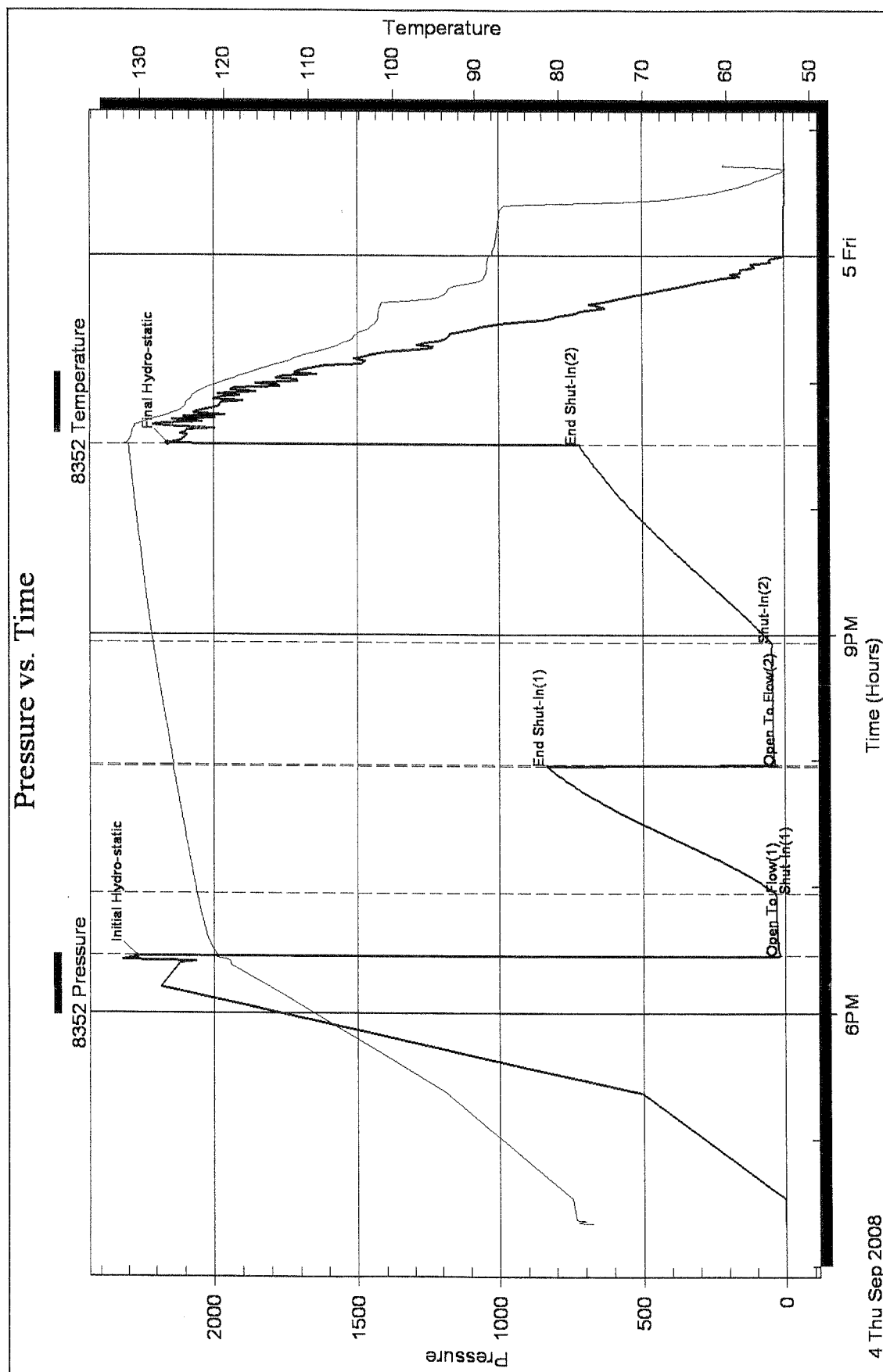
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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