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DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300 Wichita KS 67206

ATTN: Tim Lauer

1-31-32 *N SEWARD*

Clawson A 2-1

Start Date: 2004.04.08 @ 16:30:49

End Date: 2004.04.08 @ 23:59:19

Job Ticket #: 18292 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

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Printed: 2004.04.21 @ 10:59:12 Page 1

McCoy Petroleum Corp

Clawson A 2-1

1-31-32

DST # 1

Lansing B

2004.04.08


**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18292

DST#: 1

ATTN: Tim Lauer

Test Start: 2004.04.08 @ 16:30:49

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:16:49

Time Test Ended: 23:59:19

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Interval: **4235.00 ft (KB) To 4252.00 ft (KB) (TVD)**

Reference Elevations: 2843.00 ft (KB)

Total Depth: 4252.00 ft (KB) (TVD)

2833.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: **6667**

Inside

Press@RunDepth: 49.11 psig @ 4239.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.04.08

End Date: 2004.04.08

Last Calib.: 1899.12.30

Start Time: 16:30:50

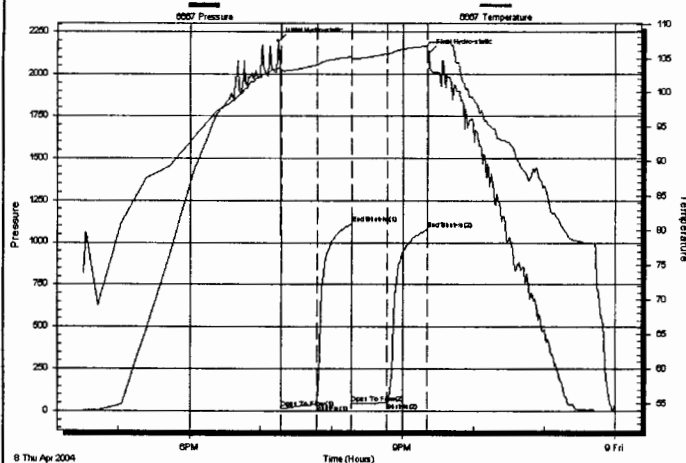
End Time: 23:59:19

Time On Btm: 2004.04.08 @ 19:14:19

Time Off Btm: 2004.04.08 @ 21:22:19

TEST COMMENT: IF-weak surface blow for 5 min
 IS-no blow back
 FF-weak surface blow for 1 min
 FS-no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2195.85	103.53	Initial Hydro-static
3	17.34	103.02	Open To Flow (1)
33	40.08	104.07	Shut-In (1)
62	1109.61	105.22	End Shut-In (1)
63	46.25	104.95	Open To Flow (2)
93	49.11	105.65	Shut-In (2)
126	1075.11	106.76	End Shut-In (2)
128	2127.89	107.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
82.00	60% M 40% W	0.60

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 Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18292

DST#: 1

ATTN: Tim Lauer

Test Start: 2004.04.08 @ 16:30:49

Tool Information

Drill Pipe:	Length: 4172.00 ft	Diameter: 3.80 inches	Volume: 58.52 bbl	Tool Weight: 1800.00 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: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 64000.00 lb
		Total Volume: 58.82 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	4235.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	44.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4213.00	
Hydraulic tool	5.00			4218.00	
Jars	5.00			4223.00	
Safety Joint	3.00			4226.00	
Packer	5.00			4231.00	27.00 Bottom Of Top Packer
Packer	4.00			4235.00	
Stubb	1.00			4236.00	
Perforations	3.00			4239.00	
Recorder	0.00	6667	Inside	4239.00	
Perforations	10.00			4249.00	
Recorder	0.00	11019		4249.00	
Bullnose	3.00			4252.00	17.00 Bottom Packers & Anchor

Total Tool Length: 44.00

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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	McCoy Petroleum Corp	Clawson A 2-1	
	8080 E Central Ste 300 Wichita KS 67206	1-31-32	
	ATTN: Tim Lauer	Job Ticket: 18292	DST#: 1
	Test Start: 2004.04.08 @ 16:30:49		

Mud and Cushion Information

Mud Type: Gel Chem
 Mud Weight: 9.00 lb/gal
 Viscosity: 56.00 sec/qt
 Water Loss: 10.36 in³
 Resistivity: ohm.m
 Salinity: 3100.00 ppm
 Filter Cake: inches

Cushion Type:
 Cushion Length: ft
 Cushion Volume: bbl
 Gas Cushion Type:
 Gas Cushion Pressure: psig

Oil API: deg API
 Water Salinity: 21000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
82.00	60% M 40% W	0.604

Total Length: 82.00 ft Total Volume: 0.604 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

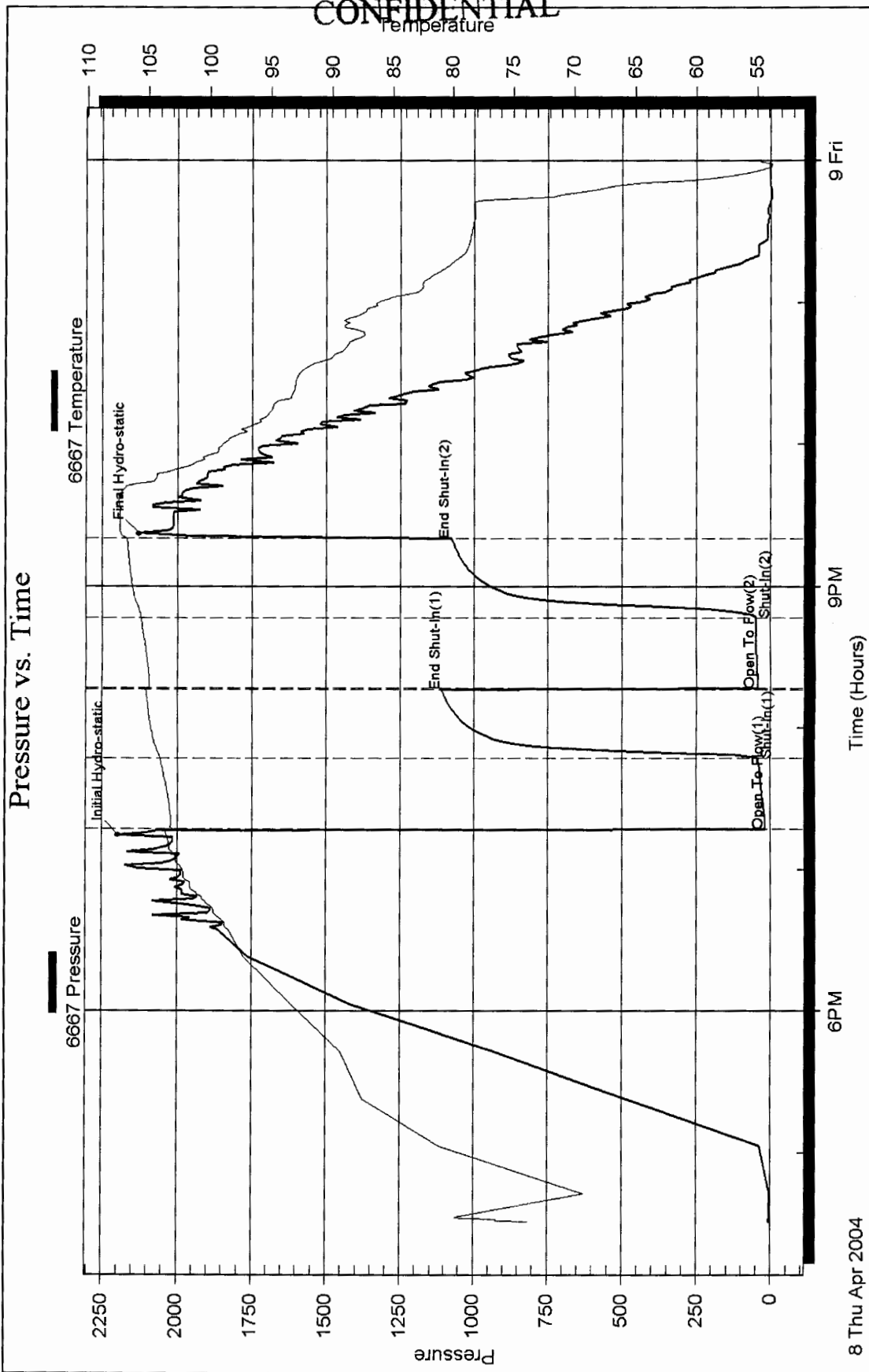
Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .343 @ 68 deg chlorides= 21000

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DST Test Number: 1

1-31-32

McCoy Petroleum Corp

Inside

Serial #: 6667

Printed: 2004.04.21 @ 10:59:16 Page 5

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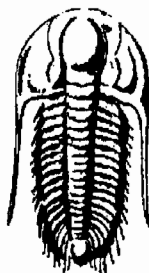
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Ref. No: 18292

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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300 Wichita KS 67206

ATTN: Tim Lauer

1-31-32

Clawson A 2-1

Start Date: 2004.04.09 @ 21:30:48

End Date: 2004.04.10 @ 09:02:18

Job Ticket #: 18293 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

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

ATTN: Tim Lauer

Job Ticket: 18293

DST#: 2

Test Start: 2004.04.09 @ 21:30:48

GENERAL INFORMATION:

Formation: **Lansing "G"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:07:48

Time Test Ended: 09:02:18

Test Type: Conventional Bottom Hole

Tester: Blake Wallace

Unit No: 20

Interval: **4460.00 ft (KB) To 4500.00 ft (KB) (TVD)**

Reference Elevations: 2843.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

2833.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6667

Inside

Press@RunDepth: 66.21 psig @ 4464.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.04.09

End Date:

2004.04.10

Last Calib.: 1899.12.30

Start Time: 21:30:49

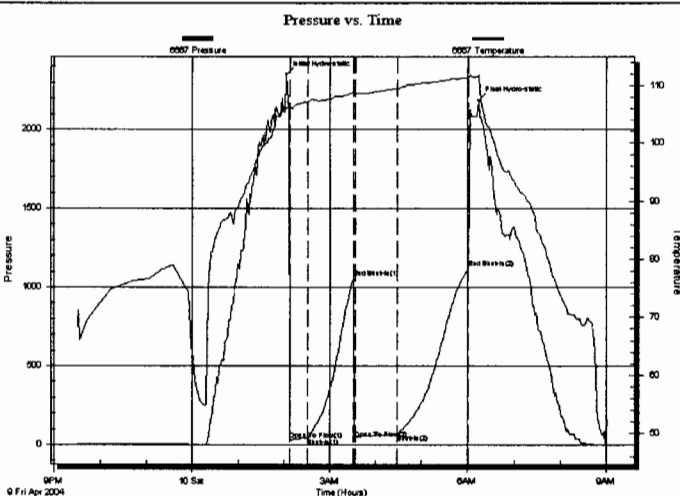
End Time:

09:02:18

Time On Btm: 2004.04.10 @ 02:03:18

Time Off Btm: 2004.04.10 @ 06:13:48

TEST COMMENT: IF-strong blow BOB 20 min
IS-no blow back
FF-strong blow BOB as soon as open
FS-no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2348.76	105.91	Initial Hydro-static
5	29.01	106.00	Open To Flow (1)
28	43.54	107.21	Shut-In(1)
88	1061.42	108.74	End Shut-In(1)
90	39.96	108.54	Open To Flow (2)
145	66.21	109.48	Shut-In(2)
238	1124.54	111.27	End Shut-In(2)
251	2187.65	111.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
403.00	GIP	5.11
31.00	15% G 85% M Trace of oil	0.43
124.00	30% G 70% M Trace of oil	1.74

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18293

DST#: 2

ATTN: Tim Lauer

Test Start: 2004.04.09 @ 21:30:48

Tool Information

Drill Pipe:	Length: 4389.00 ft	Diameter: 3.80 inches	Volume: 61.57 bbl	Tool Weight: 1800.00 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: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 61.87 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	4460.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	67.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4438.00	
Hydraulic tool	5.00			4443.00	
Jars	5.00			4448.00	
Safety Joint	3.00			4451.00	
Packer	5.00			4456.00	27.00 Bottom Of Top Packer
Packer	4.00			4460.00	
Stubb	1.00			4461.00	
Perforations	3.00			4464.00	
Recorder	0.00	6667	Inside	4464.00	
Perforations	33.00			4497.00	
Recorder	0.00	11019		4497.00	
Bullhose	3.00			4500.00	40.00 Bottom Packers & Anchor

Total Tool Length: 67.00

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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY
	McCoy Petroleum Corp		Clawson A 2-1
	8080 E Central Ste 300 Wichita KS 67206		1-31-32
	ATTN: Tim Lauer		Job Ticket: 18293 DST#: 2 Test Start: 2004.04.09 @ 21:30:48

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: 39.00 sec/qt	Cushion Volume: bbl		
Water Loss: 13.56 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 6500.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
403.00	GIP	5.106
31.00	15% G 85% M Trace of oil	0.435
124.00	30% G 70% M Trace of oil	1.739

Total Length: 558.00 ft	Total Volume: 7.280 bbl	
Num Fluid Samples: 0	Num Gas Bombs: 0	Serial #:
Laboratory Name:	Laboratory Location:	
Recovery Comments:		

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DST Test Number: 2

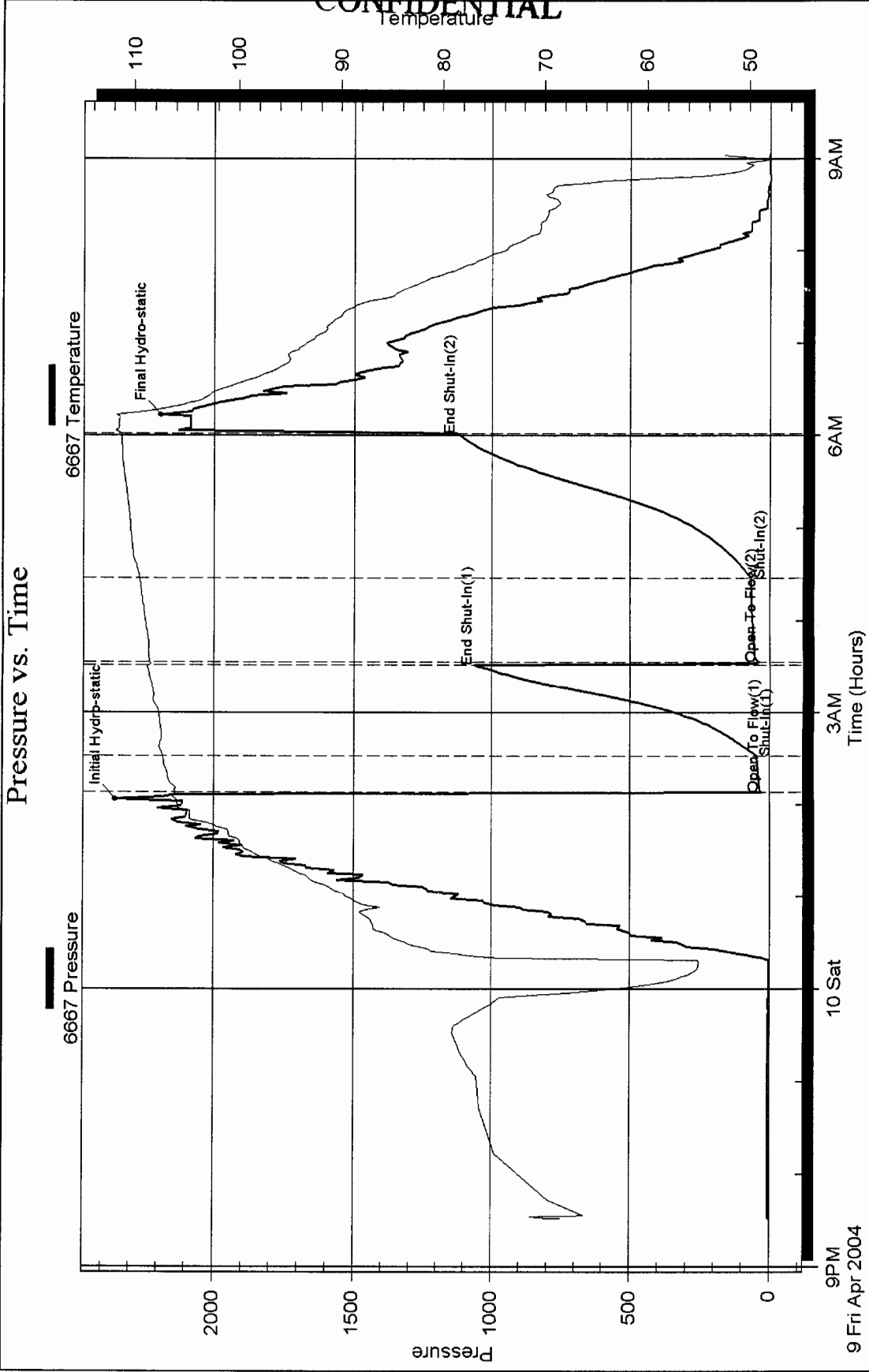
1-31-32

McCoy Petroleum Corp

Inside

Serial #: 6667

Pressure vs. Time



Trilobite Testing, Inc.

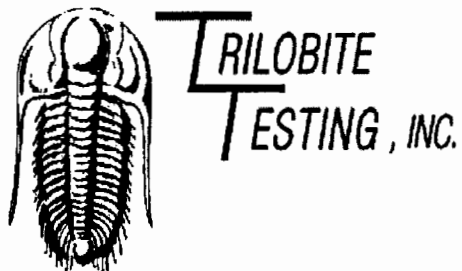
Ref. No: 18293

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DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300 Wichita KS 67206

ATTN: Tim Lauer

1-31-32

Clawson A 2-1

Start Date: 2004.04.11 @ 00:30:38

End Date: 2004.04.11 @ 10:40:08

Job Ticket #: 18294 DST #: 3

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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	
	McCoy Petroleum Corp	Clawson A 2-1
	8080 E Central Ste 300 Wichita KS 67206	1-31-32
	ATTN: Tim Lauer	Job Ticket: 18294 DST#: 3 Test Start: 2004.04.11 @ 00:30:38

GENERAL INFORMATION:

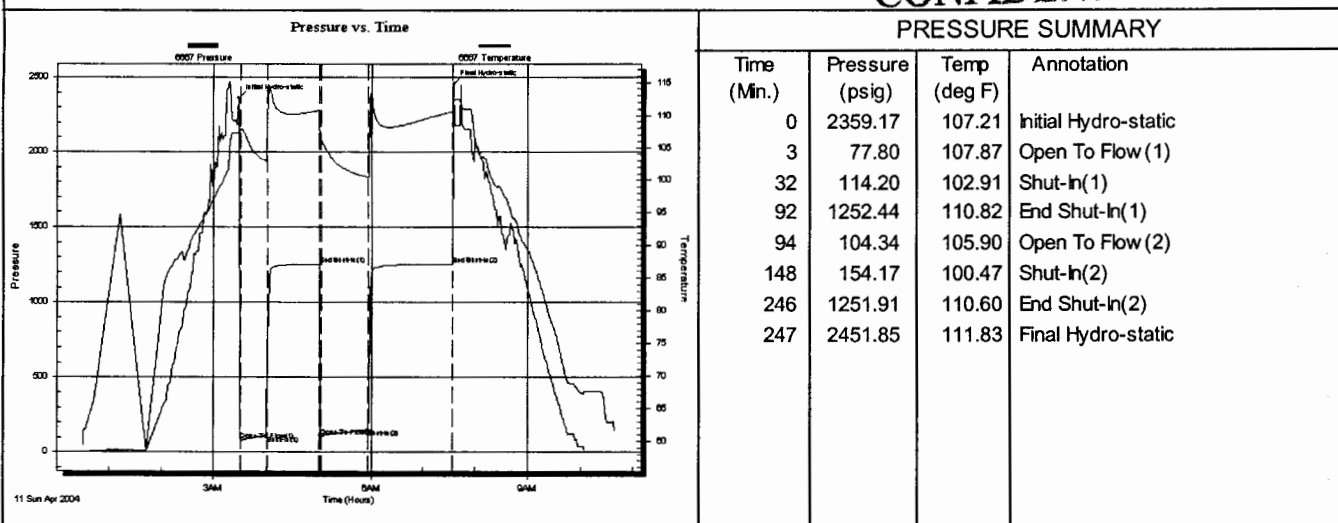
Formation: Swope	Test Type: Conventional Bottom Hole
Deviated: No Whipstock: ft (KB)	Tester: Blake Wallace
Time Tool Opened: 03:31:08	Unit No: 20
Time Test Ended: 10:40:08	Reference Elevations: 2843.00 ft (KB)
Interval: 4630.00 ft (KB) To 4655.00 ft (KB) (TVD)	2833.00 ft (CF)
Total Depth: 4655.00 ft (KB) (TVD)	KB to GR/CF: 10.00 ft
Hole Diameter: 7.78 inches	Hole Condition: Good

Serial #: 6667**Inside**

Press@RunDepth: 154.17 psig @ 4632.00 ft (KB)	Capacity: 7000.00 psig
Start Date: 2004.04.11	Last Calib.: 1899.12.30
Start Time: 00:30:39	Time On Btm: 2004.04.11 @ 03:28:38
End Date: 2004.04.11	Time Off Btm: 2004.04.11 @ 07:35:08
End Time: 10:40:08	

TEST COMMENT: IF-strong blow BOB 10 sec GTS 5 min
 IS-surface blow thru out
 FF-strong blow BOB as soon as open
 FS-no blow back

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**Recovery**

Length (ft)	Description	Volume (bbl)
124.00	10% G 10% O 80% M	1.19
124.00	5% G 5% O 90% M	1.74
62.00	5% G 75% W 20% M trace oil	0.87

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	14.00	443.60
Last Gas Rate	0.75	20.00	537.32
Max. Gas Rate	0.75	20.00	537.32



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18294

DST#: 3

ATTN: Tim Lauer

Test Start: 2004.04.11 @ 00:30:38

Tool Information

Drill Pipe: Length: 4572.00 ft Diameter: 3.80 inches Volume: 64.13 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl
Drill Collar: Length: 60.00 ft Diameter: 2.25 inches Volume: 0.30 bbl
Total Volume: 64.43 bbl

Tool Weight: 1800.00 lb
Weight set on Packer: 20000.00 lb
Weight to Pull Loose: 78000.00 lb
Tool Chased 0.00 ft
String Weight: Initial 52000.00 lb
Final 52000.00 lb

Drill Pipe Above KB: 29.00 ft
Depth to Top Packer: 4630.00 ft
Depth to Bottom Packer: ft
Interval between Packers: 25.00 ft
Tool Length: 52.00 ft
Number of Packers: 2 Diameter: 3.80 inches
Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4608.00	
Hydraulic tool	5.00			4613.00	
Jars	5.00			4618.00	
Safety Joint	3.00			4621.00	
Packer	5.00			4626.00	27.00 Bottom Of Top Packer
Packer	4.00			4630.00	
Stubb	1.00			4631.00	
Perforations	1.00			4632.00	
Recorder	0.00	6667	Inside	4632.00	
Perforations	20.00			4652.00	
Recorder	0.00	11019		4652.00	
Bullnose	3.00			4655.00	25.00 Bottom Packers & Anchor

Total Tool Length: 52.00

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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18294

DST#: 3

ATTN: Tim Lauer

Test Start: 2004.04.11 @ 00:30:38

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:

65000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
124.00	10% G 10% O 80% M	1.193
124.00	5% G 5% O 90% M	1.739
62.00	5% G 75% W 20% M trace oil	0.870

Total Length: 310.00 ft Total Volume: 3.802 bbl

Num Fluid Samples: 1

Num Gas Bombs: 0

Serial #:

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments: RW= .110 @ 75 Deg chlorides = 65000

Mudman chlorides= 42000

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DRILL STEM TEST REPORT

GAS RATES

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18294

DST#: 3

ATTN: Tim Lauer

Test Start: 2004.04.11 @ 00:30:38

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Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

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Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	10	0.75	14.00	443.60
1	20	0.75	16.00	474.84
1	30	0.75	17.00	490.46
2	10	0.75	17.00	490.46
2	20	0.75	18.00	506.08
2	30	0.75	18.00	506.08
2	40	0.75	19.00	521.70
2	50	0.75	19.00	521.70
2	60	0.75	20.00	537.32

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97878

DST Test Number: 3

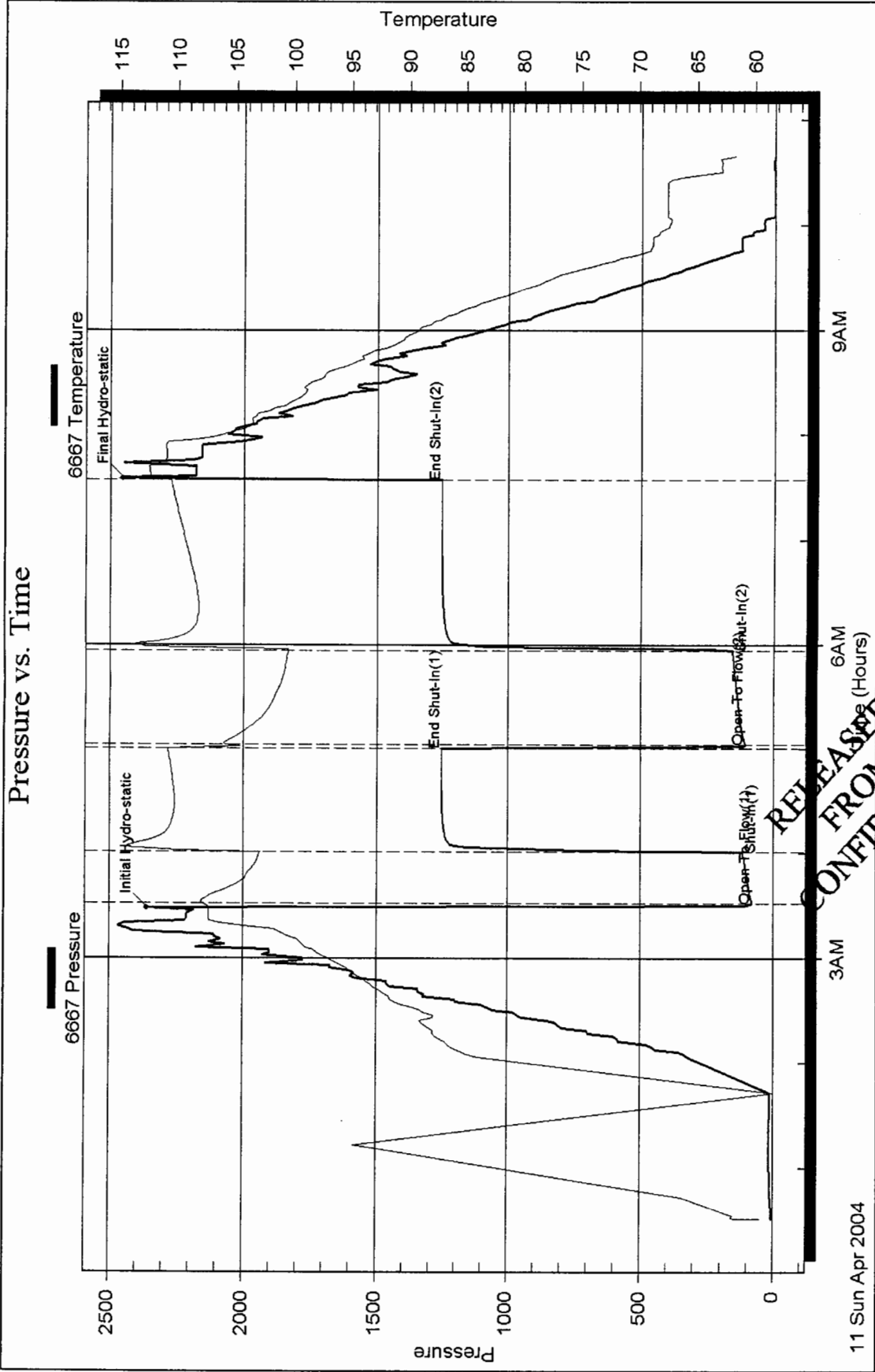
1-31-32

McCoy Petroleum Corp

Inside

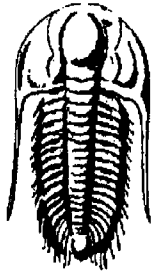
Serial #: 6667

Pressure vs. Time



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DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300 Wichita KS 67206

ATTN: Tim Lauer

1-31-32

Clawson A 2-1

Start Date: 2004.04.12 @ 00:02:54

End Date: 2004.04.12 @ 23:26:24

Job Ticket #: 18295 DST #: 4

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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

McCoy Petroleum Corp
8080 E Central Ste 300 Wichita KS 67206
ATTN: Tim Lauer

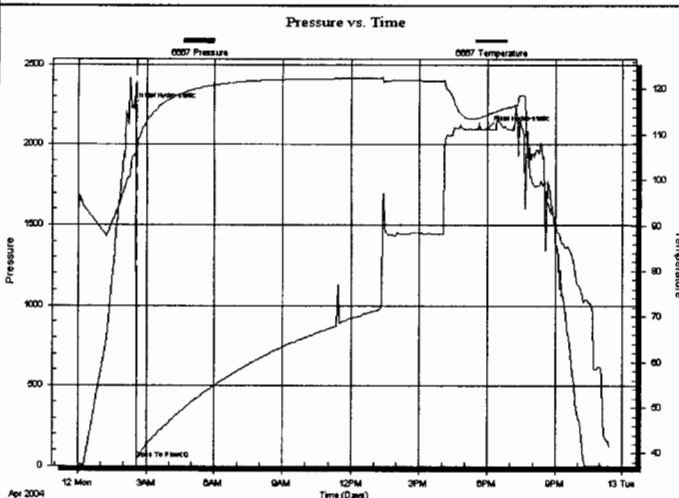
Clawson A 2-1
1-31-32
Job Ticket: 18295 DST#: 4
Test Start: 2004.04.12 @ 00:02:54

GENERAL INFORMATION:

Formation: **Kansas City**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 02:33:54
Time Test Ended: 23:26:24
Interval: **4730.00 ft (KB) To 4765.00 ft (KB) (TVD)**
Total Depth: **4765.00 ft (KB) (TVD)**
Hole Diameter: **7.78 inches** Hole Condition: Fair
Test Type: Conventional Bottom Hole
Tester: Nick Budig
Unit No: 20
Reference Elevations: 2843.00 ft (KB)
2833.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: **6667** Inside
Press@RunDepth: psig @ 4731.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2004.04.12 End Date: 2004.04.12 Last Calib.: 2004.04.13
Start Time: 00:02:55 End Time: 23:26:23 Time On Btm: 2004.04.12 @ 02:21:54
Time Off Btm: 2004.04.12 @ 17:57:54

TEST COMMENT: IF- Strong Blow obb in 4 min
Stuck in hole
Pulled loose 8 pm 4-12-04



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.52	105.16	Initial Hydro-static
12	42.88	105.79	Open To Flow (1)
936	2099.09	114.41	Final Hydro-static

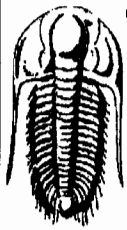
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Recovery

Length (ft)	Description	Volume (bbl)
30.00	Oil cut watery mud 5% oil 15% water	0.15

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 Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18295

DST#: 4

ATTN: Tim Lauer

Test Start: 2004.04.12 @ 00:02:54

Tool Information

Drill Pipe:	Length: 4680.00 ft	Diameter: 3.38 inches	Volume: 51.94 bbl	Tool Weight: 2200.00 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: 60.00 ft	Diameter: 2.25 inches	Volume: 0.30 bbl	Weight to Pull Loose: 265000.0 lb
			Total Volume: 52.24 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	4730.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	58.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4708.00	
Shut In Tool	5.00			4713.00	
Hydraulic tool	5.00			4718.00	
Safety Joint	3.00			4721.00	
Packer	5.00			4726.00	23.00 Bottom Of Top Packer
Packer	4.00			4730.00	
Stubb	1.00			4731.00	
Recorder	0.00	6667	Inside	4731.00	
Perforations	31.00			4762.00	
Recorder	0.00	11019		4762.00	
Bullnose	3.00			4765.00	35.00 Bottom Packers & Anchor

Total Tool Length: 58.00

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FLUID SUMMARY

Clawson A 2-1

1-31-32

Job Ticket: 18295

DST#: 4

Test Start: 2004.04.12 @ 00:02:54

Mud Type:	Gel Chem
Mud Weight:	9.00 lb/gal
Viscosity:	44.00 sec/qt
Water Loss:	12.77 in ³
Resistivity:	ohm.m
Salinity:	6100.00 ppm
Filter Cake:	0.02 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Table

Length ft	Description	Volume bbl
30.00	Oil cut watery mud 5% oil 15% water	0.148

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:				

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DST Test Number: 4

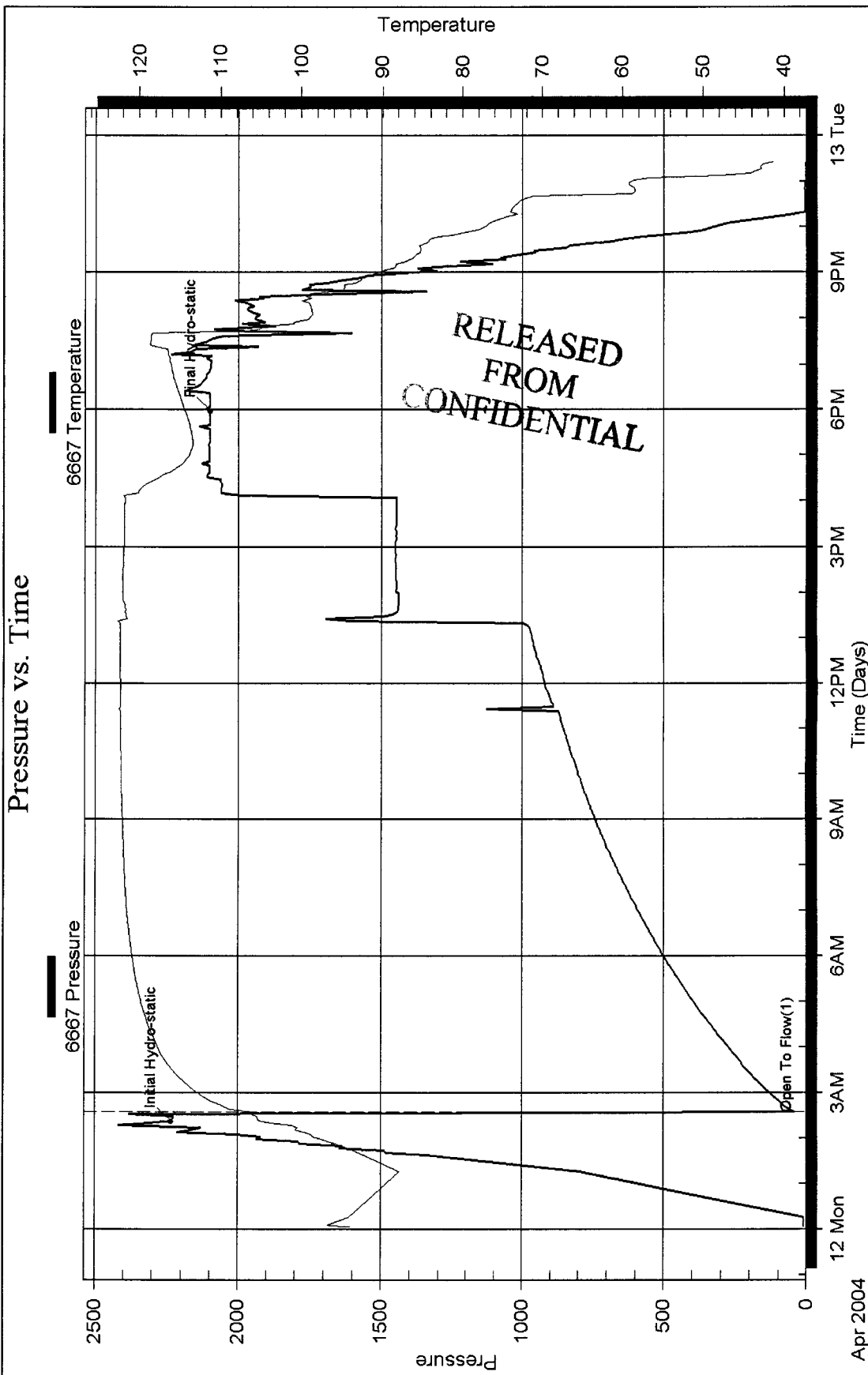
1-31-32

McCoy Petroleum Corp

Inside

Serial #: 6667

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 18295

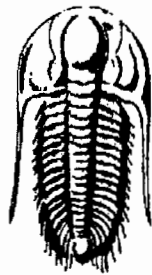
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Printed: 2004.04.21 @ 11:01:56 Page 5

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300 Wichita KS 67206

ATTN: Tim Lauer

1-31-32

Clawson A 2-1

Start Date: 2004.04.13 @ 15:12:30

End Date: 2004.04.14 @ 02:47:30

Job Ticket #: 18920

DST #: 5

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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

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

ATTN: Tim Lauer

Job Ticket: 18920

DST#: 5

Test Start: 2004.04.13 @ 15:12:30

GENERAL INFORMATION:

Formation: **Marmaton b**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:29:00

Time Test Ended: 02:47:30

Test Type: Conventional Bottom Hole

Tester: Kevin

Unit No: 27

Interval: **4865.00 ft (KB) To 4900.00 ft (KB) (TVD)**

Reference Elevations: 2843.00 ft (KB)

Total Depth: 4900.00 ft (KB) (TVD)

2833.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press@RunDepth: 429.31 psig @ 4866.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.04.13

End Date:

2004.04.14

Last Calib.: 1899.12.30

Start Time: 15:12:35

End Time:

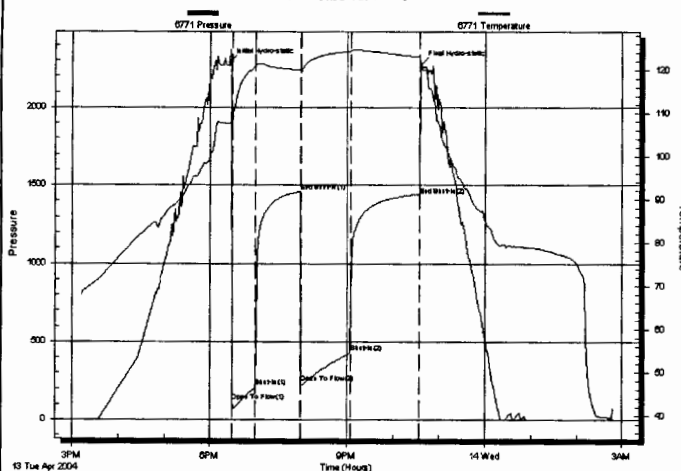
02:47:30

Time On Btm: 2004.04.13 @ 18:25:30

Time Off Btm: 2004.04.13 @ 22:36:45

TEST COMMENT: IS- BOB in 2 min
 IF- blow back BOB in 8 min
 FF- BOB as soon as open GTS 34 min not enough pressure to gauge
 FS- blow back BOB in 10 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.37	107.68	Initial Hydro-static
4	116.13	106.61	Open To Flow (1)
35	211.77	120.92	Shut-In (1)
94	1458.09	119.97	End Shut-In (1)
94	235.54	119.49	Open To Flow (2)
159	429.31	124.36	Shut-In (2)
250	1435.90	123.05	End Shut-In (2)
252	2278.53	120.18	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
120.00	45% oil 15% water 40% mud	1.15
120.00	30% gas 55% oil 10% water 5% mud	1.68
120.00	50% oil 45% water 5% mud	1.68
472.00	95% water 5% mud	6.62

Gas Rates

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

DRILL STEM TEST REPORT

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

ATTN: Tim Lauer

Job Ticket: 18920

DST#: 5

Test Start: 2004.04.13 @ 15:12:30

GENERAL INFORMATION:

Formation: **Marmaton b**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:29:00

Time Test Ended: 02:47:30

Test Type: Conventional Bottom Hole

Tester: Kevin

Unit No: 27

Interval: **4865.00 ft (KB) To 4900.00 ft (KB) (TVD)**

Total Depth: 4900.00 ft (KB) (TVD)

Hole Diameter: 7.78 inches Hole Condition: Good

Reference Elevations: 2843.00 ft (KB)

2833.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6771

Inside

Press@RunDepth: 429.31 psig @ 4866.00 ft (KB)

Start Date: 2004.04.13

End Date:

2004.04.14

Start Time: 15:12:35

End Time:

02:47:30

Capacity: 7000.00 psig

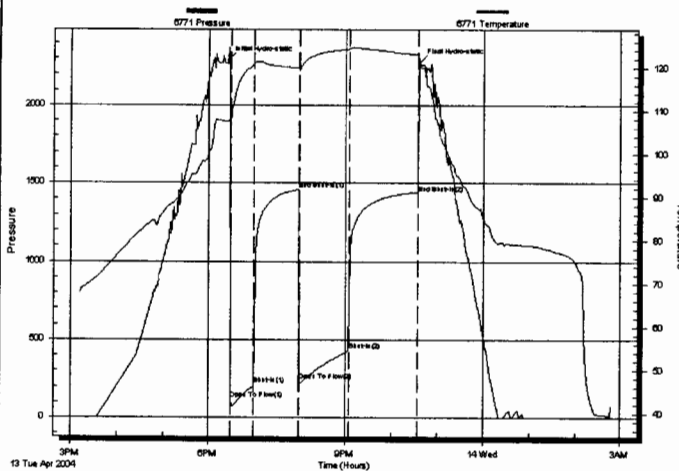
Last Calib.: 1899.12.30

Time On Btm: 2004.04.13 @ 18:25:30

Time Off Btm: 2004.04.13 @ 22:36:45

TEST COMMENT: IS- BOB in 2 min
 IF- blow back BOB in 8 min
 FF- BOB as soon as open GTS 34 min not enough pressure to gauge
 FS- blow back BOB in 10 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2285.37	107.68	Initial Hydro-static
4	116.13	106.61	Open To Flow (1)
35	211.77	120.92	Shut-In (1)
94	1458.09	119.97	End Shut-In (1)
94	235.54	119.49	Open To Flow (2)
159	429.31	124.36	Shut-In (2)
250	1435.90	123.05	End Shut-In (2)
252	2278.53	120.18	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
120.00	45% oil 15% water 40% mud	1.15
120.00	30% gas 55% oil 10% water 5% mud	1.68
120.00	50% oil 45% water 5% mud	1.68
472.00	95% water 5% mud	6.62

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18920

DST#: 5

ATTN: Tim Lauer

Test Start: 2004.04.13 @ 15:12:30

Tool Information

Drill Pipe:	Length: 4806.00 ft	Diameter: 3.80 inches	Volume: 67.42 bbl	Tool Weight: 1800.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 59.00 ft	Diameter: 2.25 inches	Volume: 0.29 bbl	Weight to Pull Loose: 72000.00 lb
			Total Volume: 67.71 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 63000.00 lb
Depth to Top Packer:	4865.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4839.00	
Shut In Tool	5.00			4844.00	
Hydraulic tool	5.00			4849.00	
Jars	5.00			4854.00	
Safety Joint	2.00			4856.00	
Packer	5.00			4861.00	27.00 Bottom Of Top Packer
Packer	4.00			4865.00	
Stubb	1.00			4866.00	
Recorder	0.00	6771	Inside	4866.00	
Perforations	5.00			4871.00	
Perforations	26.00			4897.00	
Bullnose	3.00			4900.00	
Recorder	0.00	13761	Outside	4900.00	35.00 Bottom Packers & Anchor

Total Tool Length: 62.00

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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18920

DST#: 5

ATTN: Tim Lauer

Test Start: 2004.04.13 @ 15:12:30

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:

75000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

 Water Loss: 11.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	45% oil 15% water 40% mud	1.146
120.00	30% gas 55% oil 10% water 5% mud	1.683
120.00	50% oil 45% water 5% mud	1.683
472.00	95% water 5% mud	6.621

Total Length: 832.00 ft

Total Volume: 11.133 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: 7802410068

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

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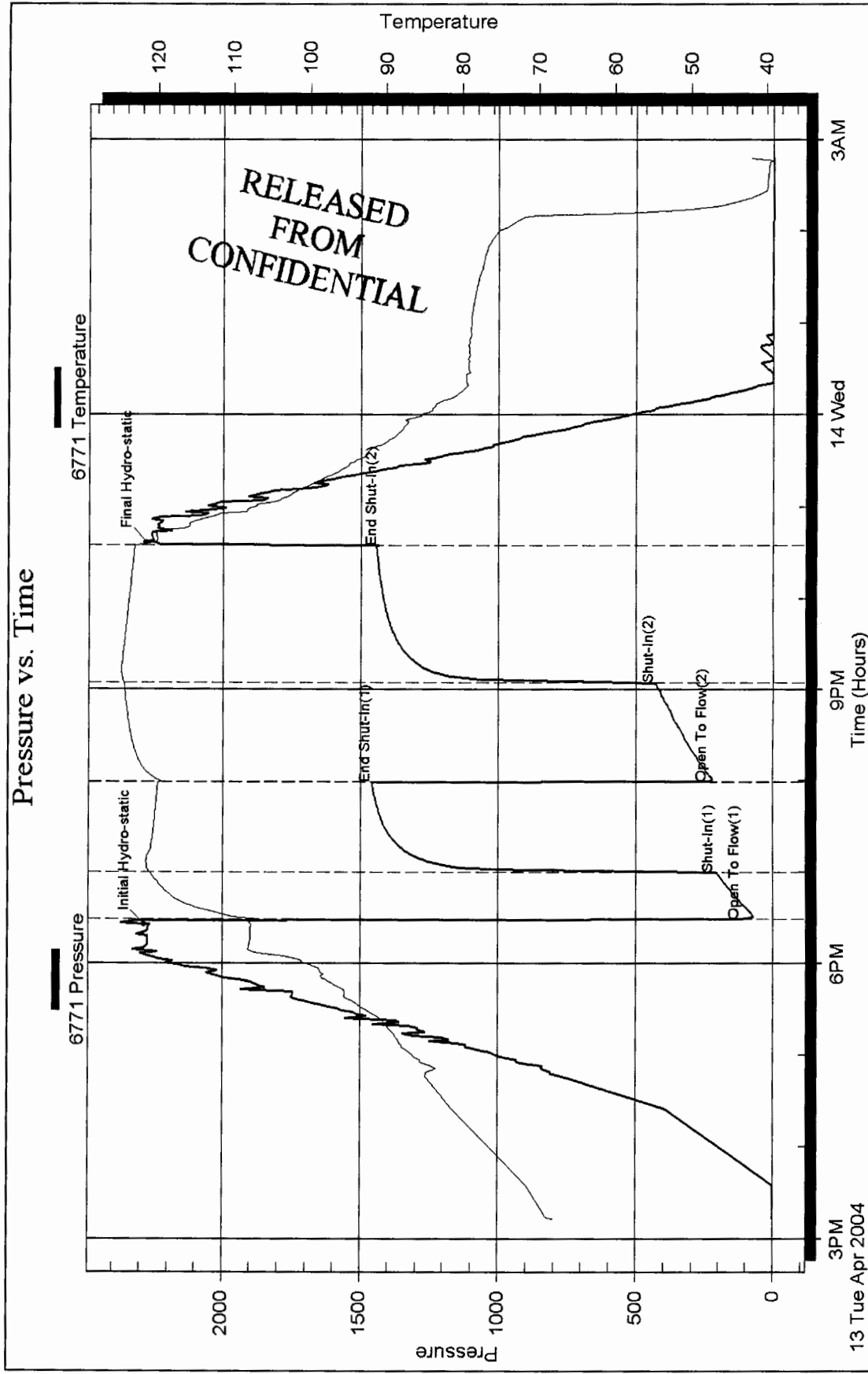
Serial #: 6771

Inside

McCoy Petroleum Corp

1-31-32

DST Test Number: 5

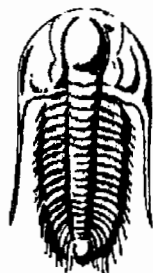


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Ref. No: 18920

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DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central Ste 300 Wichita KS 67206

ATTN: Tim Lauer

1-31-32

Clawson A 2-1

Start Date: 2004.04.16 @ 14:00:03

End Date: 2004.04.17 @ 02:04:18

Job Ticket #: 18921

DST #: 6

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


**TRILOBITE
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DRILL STEM TEST REPORT

McCoy Petroleum Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

ATTN: Tim Lauer

Job Ticket: 18921

DST#: 6

Test Start: 2004.04.16 @ 14:00:03

GENERAL INFORMATION:

Formation: **Morrow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:57:03

Time Test Ended: 02:04:18

Test Type: Conventional Bottom Hole

Tester: Kevin

Unit No: 27

Interval: **5265.00 ft (KB) To 5400.00 ft (KB) (TVD)**

Reference Elevations: 2843.00 ft (KB)

Total Depth: 5400.00 ft (KB) (TVD)

2833.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6771

Press@RunDepth: 36.33 psig @ ft (KB)

Capacity: 7000.00 psig

Start Date: 2004.04.16

End Date: 2004.04.17

Last Calib.: 1899.12.30

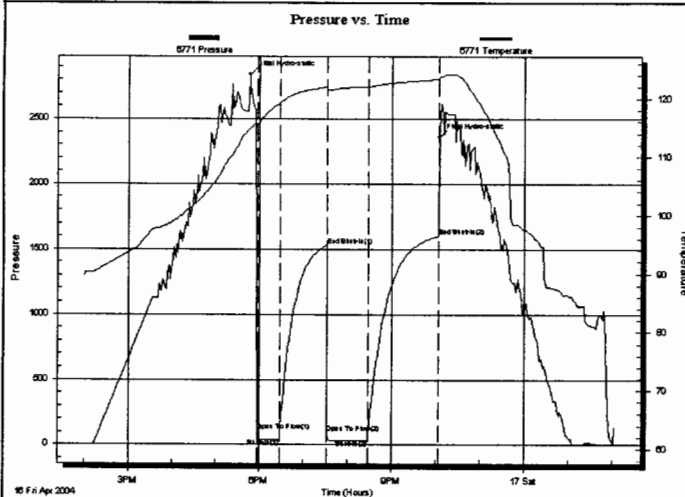
Start Time: 14:00:08

End Time: 02:04:18

Time On Btm: 2004.04.16 @ 17:47:18

Time Off Btm: 2004.04.16 @ 22:05:03

TEST COMMENT: IF- good blow bob in 3 min
 IS- no blow back
 FF- bob as soon as open GTS in 4 min not enough to gage
 FSI- no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2839.66	114.91	Final Hydro-static
10	106.79	115.50	Open To Flow
41	50.18	119.23	Shut-In (1)
105	1531.40	122.00	End Shut-In (1)
105	89.78	121.65	Open To Flow (2)
161	36.33	121.99	Shut-In (2)
258	1600.54	123.33	End Shut-In (2)
258	2359.67	123.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	95% mud 5% gas	1.15

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 Corp

Clawson A 2-1

8080 E Central Ste 300 Wichita KS 67206

1-31-32

Job Ticket: 18921

DST#: 6

ATTN: Tim Lauer

Test Start: 2004.04.16 @ 14:00:03

Tool Information

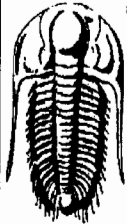
Drill Pipe: Length: 5185.00 ft Diameter: 3.80 inches Volume: 72.73 bbl Tool Weight: 1800.00 lb
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 0.00 inches Volume: 0.00 bbl Weight set on Packer: 30000.00 lb
Drill Collar: Length: 59.00 ft Diameter: 2.25 inches Volume: 0.29 bbl Weight to Pull Loose: 88000.00 lb
Total Volume: 73.02 bbl Tool Chased: 0.00 ft
Drill Pipe Above KB: 6.00 ft String Weight: Initial 68000.00 lb
Depth to Top Packer: 5265.00 ft Final 78000.00 lb
Depth to Bottom Packer: ft
Interval between Packers: 135.00 ft
Tool Length: 162.00 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			5239.00	
Shut In Tool	5.00			5244.00	
Hydraulic tool	5.00			5249.00	
Jars	5.00			5254.00	
Safety Joint	2.00			5256.00	
Packer	5.00			5261.00	27.00 Bottom Of Top Packer
Packer	4.00			5265.00	
Stubb	1.00			5266.00	
Perforations	1.00			5267.00	
Recorder	0.00	7661	Inside	5267.00	
Drill Pipe	93.00			5360.00	
Change Over Sub	1.00			5361.00	
Perforations	35.00			5396.00	
Change Over Sub	1.00			5397.00	
Bullnose	3.00			5400.00	
Recorder	0.00	13761	Inside	5400.00	135.00 Bottom Packers & Anchor
Total Tool Length:	162.00				

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 TRILOBITE TESTING, INC.	DRILL STEM TEST REPORT		FLUID SUMMARY							
	McCoy Petroleum Corp		Clawson A 2-1							
	8080 E Central Ste 300 Wichita KS 67206		1-31-32							
	ATTN: Tim Lauer		Job Ticket: 18921 DST#: 6 Test Start: 2004.04.16 @ 14:00:03							
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: 57.00 sec/qt		Cushion Volume: bbl								
Water Loss: 8.79 in ³		Gas Cushion Type:								
Resistivity: ohm.m		Gas Cushion Pressure: psig								
Salinity: 1100.00 ppm										
Filter Cake: inches										
Recovery Information										
Recovery Table										
<table border="1"><thead><tr><th>Length ft</th><th>Description</th><th>Volume bbl</th></tr></thead><tbody><tr><td>120.00</td><td>95% mud 5% gas</td><td>1.146</td></tr></tbody></table>					Length ft	Description	Volume bbl	120.00	95% mud 5% gas	1.146
Length ft	Description	Volume bbl								
120.00	95% mud 5% gas	1.146								
Total Length: 120.00 ft		Total Volume: 1.146 bbl								
Num Fluid Samples: 0		Num Gas Bombs: 0		Serial #:						
Laboratory Name:		Laboratory Location:								
Recovery Comments:										

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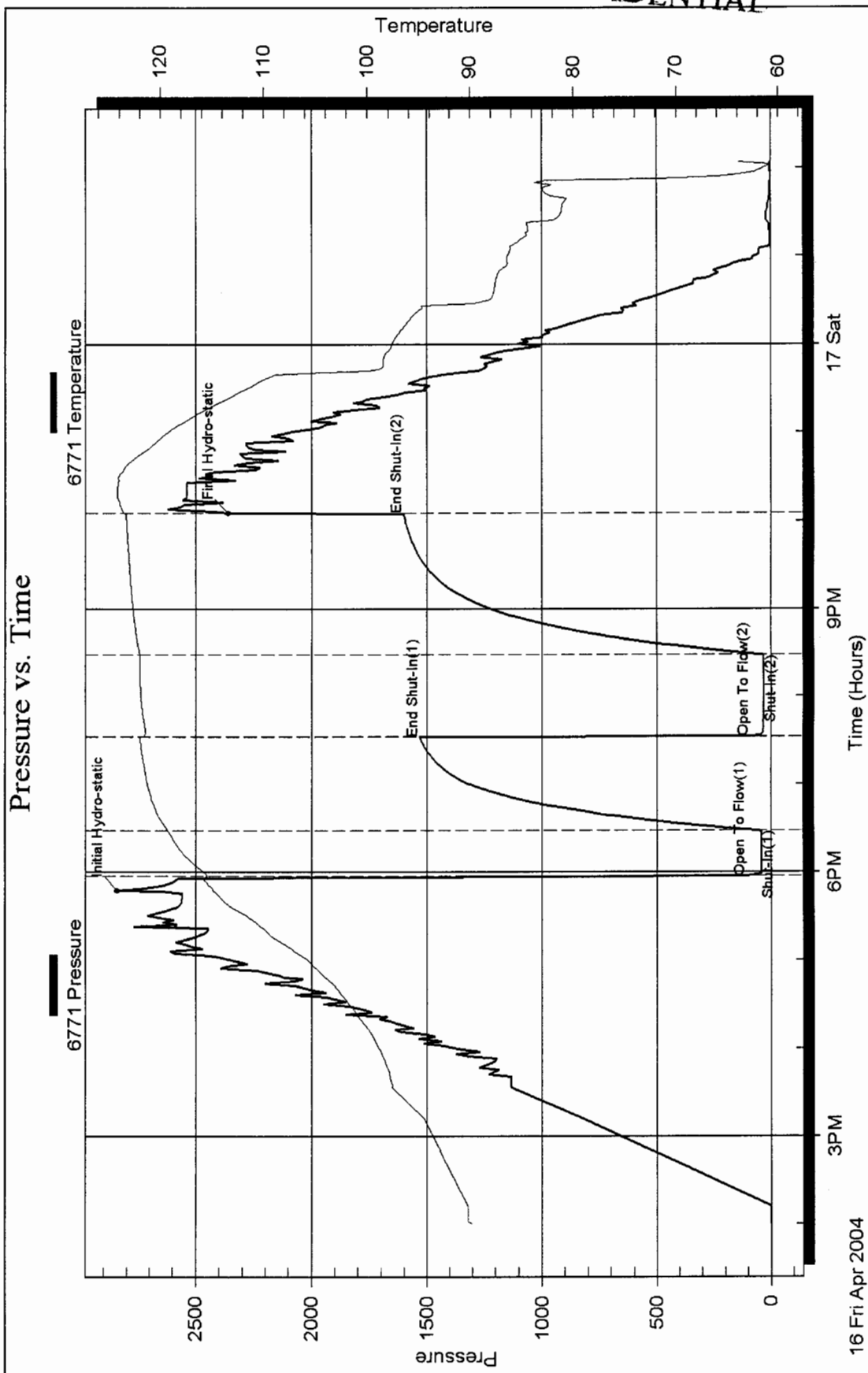
DST Test Number: 6

1-31-32

McCoy Petroleum Corp

Serial #: 6771

Pressure vs. Time



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Ref. No: 18921

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