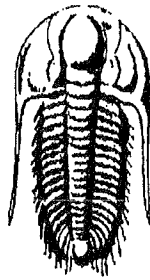


15-097-21655

15-27s-17w

15-27s-17w



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

CONFIDENTIAL

3000 E. Central, Ste. 300
Wichita, Kansas 67206

JUL 20 2009

KCC

ATTN: Robert Hendrix

15-27s-17w Kiowa KS

Thompson A# 1-15

Start Date: 2009.06.30 @ 07:25:26

End Date: 2009.06.30 @ 12:35:26

Job Ticket #: 33782

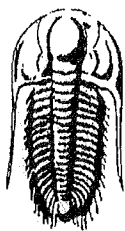
DST #: 1

15-097-21655

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, Kansas 67206

ATTN: Robert Hendrix

Thompson A # 1-15

15-27s-17w Kiowa KS

Job Ticket: 33782

DST#: 1

Test Start: 2009.06.30 @ 07:25:26

GENERAL INFORMATION:

Formation: **Cherokee Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:46:56

Time Test Ended: 12:35:26

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **4612.00 ft (KB) To 4652.00 ft (KB) (TVD)**

Total Depth: 4652.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)

2126.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 23.47 psig @ 4613.00 ft (KB)

Start Date: 2009.06.30

End Date:

2009.06.30

Capacity: 7000.00 psig

Last Calib.: 2009.06.30

Start Time: 07:25:27

End Time:

12:35:26

Time On Btm: 2009.06.30 @ 09:44:56

Time Off Btm: 2009.06.30 @ 10:48:56

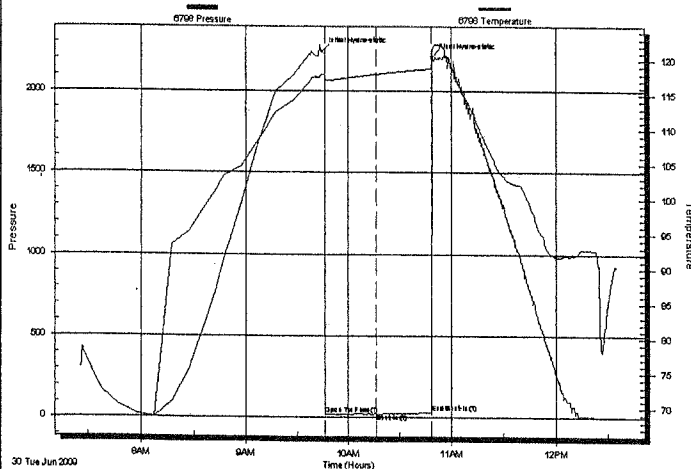
TEST COMMENT: IF: Very weak surface blow. Dead in 25 mins.

IS: No blow. Pulled loose and came out of hole.

FF: N/A

FS: N/A

Pressure vs. Time



PRESSURE SUMMARY

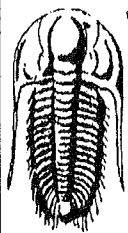
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2242.31	117.93	Initial Hydro-static
2	18.68	117.37	Open To Flow (1)
32	23.47	117.97	Shut-In (1)
64	31.46	118.78	End Shut-In (1)
64	2210.03	121.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drig. Mud	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

Thompson A # 1-15

8080 E. Central, Ste. 300
Wichita, Kansas 67206

15-27s-17w Kiowa KS

Job Ticket: 33782

DST#: 1

ATTN: Robert Hendrix

Test Start: 2009.06.30 @ 07:25:26

Tool Information

Drill Pipe:	Length: 4400.00 ft	Diameter: 3.80 inches	Volume: 61.72 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: 218.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose:	95000.00 lb
			Total Volume: 62.79 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	76000.00 lb
Depth to Top Packer:	4612.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	40.00 ft				
Tool Length:	63.00 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			4594.00	
Hydraulic tool	5.00			4599.00	
Safety Joint	3.00			4602.00	
Packer	5.00			4607.00	23.00 Bottom Of Top Packer
Packer	5.00			4612.00	
Stubb	1.00			4613.00	
Recorder	0.00	6798	Inside	4613.00	
Recorder	0.00	8367	Inside	4613.00	
Perforations	36.00			4649.00	
Bullnose	3.00			4652.00	40.00 Bottom Packers & Anchor
Total Tool Length:		63.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Thompson A # 1-15

8080 E. Central, Ste. 300
Wichita, Kansas 67206

15-27s-17w Kiowa KS

Job Ticket: 33782

DST#: 1

ATTN: Robert Hendrix

Test Start: 2009.06.30 @ 07:25:26

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: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.35 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6400.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Drlg. Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

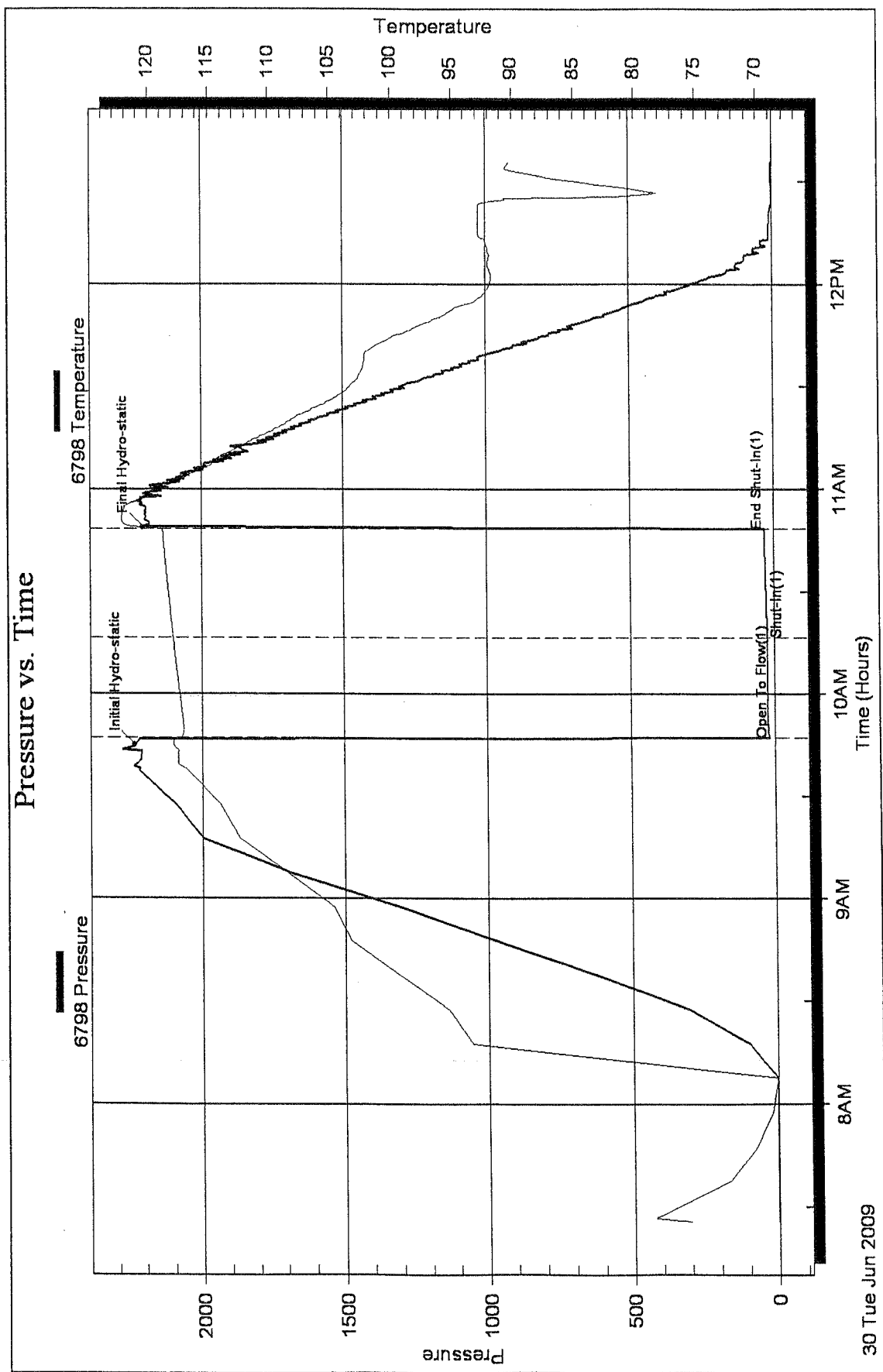
Serial #: none

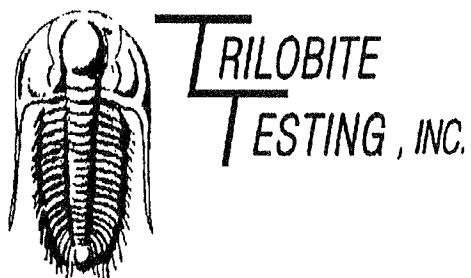
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E. Central, Ste. 300
Wichita, Kansas 67206

ATTN: Robert Hendrix

15-27s-17w Kiowa KS

Thompson A # 1-15

Start Date: 2009.06.30 @ 21:49:26

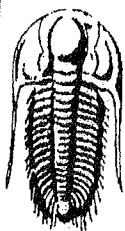
End Date: 2009.07.01 @ 07:31:26

Job Ticket #: 33783 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, Kansas 67206

ATTN: Robert Hendrix

Thompson A # 1-15

15-27s-17w Kiowa KS

Job Ticket: 33783

DST#: 2

Test Start: 2009.06.30 @ 21:49:26

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:16:26

Time Test Ended: 07:31:26

Interval: **4671.00 ft (KB) To 4688.00 ft (KB) (TVD)**

Total Depth: 4688.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Reference Elevations: 2135.00 ft (KB)

2126.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 57.21 psig @ 4672.00 ft (KB)

Start Date: 2009.06.30

End Date:

2009.07.01

Start Time: 21:49:27

End Time:

07:31:26

Capacity: 7000.00 psig

Last Calib.: 2009.07.01

Time On Btm: 2009.07.01 @ 00:14:56

Time Off Btm: 2009.07.01 @ 05:16:26

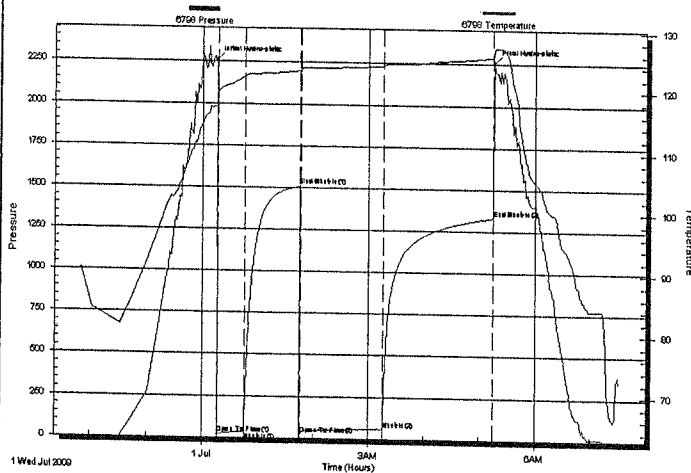
TEST COMMENT: IF: Strong blow. B.O.B. in 15 secs.

IS: No blow.

FF: Strong blow. B.O.B. immediately. GTS in 7 mins. (see gas flow report.)

FS: No blow.

Pressure vs. Time



PRESSURE SUMMARY

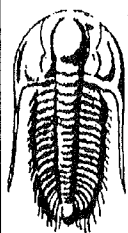
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.15	117.21	Initial Hydro-static
2	20.47	119.34	Open To Flow (1)
31	36.30	122.19	Shut-In (1)
91	1508.49	123.23	End Shut-In (1)
92	23.45	123.03	Open To Flow (2)
181	57.21	124.04	Shut-In (2)
301	1329.78	125.70	End Shut-In (2)
302	2260.78	126.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	SG&WCM 4%g 2%w 94%om	0.61
0.00	4557' 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

Thompson A # 1-15

8080 E. Central, Ste. 300
Wichita, Kansas 67206

15-27s-17w Kiowa KS

Job Ticket: 33783

DST#: 2

ATTN: Robert Hendrix

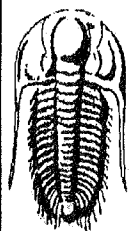
Test Start: 2009.06.30 @ 21:49:26

Tool Information

Drill Pipe:	Length: 4464.00 ft	Diameter: 3.80 inches	Volume: 62.62 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: 218.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 63.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 77000.00 lb
Depth to Top Packer:	4671.00 ft			Final 77000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	40.00 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			4653.00	
Hydraulic tool	5.00			4658.00	
Safety Joint	3.00			4661.00	
Packer	5.00			4666.00	23.00 Bottom Of Top Packer
Packer	5.00			4671.00	
Stubb	1.00			4672.00	
Recorder	0.00	6798	Inside	4672.00	
Recorder	0.00	8367	Inside	4672.00	
Perforations	13.00			4685.00	
Bullnose	3.00			4688.00	17.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Thompson A # 1-15

8080 E. Central, Ste. 300
Wichita, Kansas 67206

15-27s-17w Kiowa KS

Job Ticket: 33783

DST#: 2

ATTN: Robert Hendrix

Test Start: 2009.06.30 @ 21:49:26

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: 52.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.76 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	SG&WCM 4%g 2%w 94%m	0.615
0.00	4557' GIP	0.000

Total Length: 125.00 ft

Total Volume: 0.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

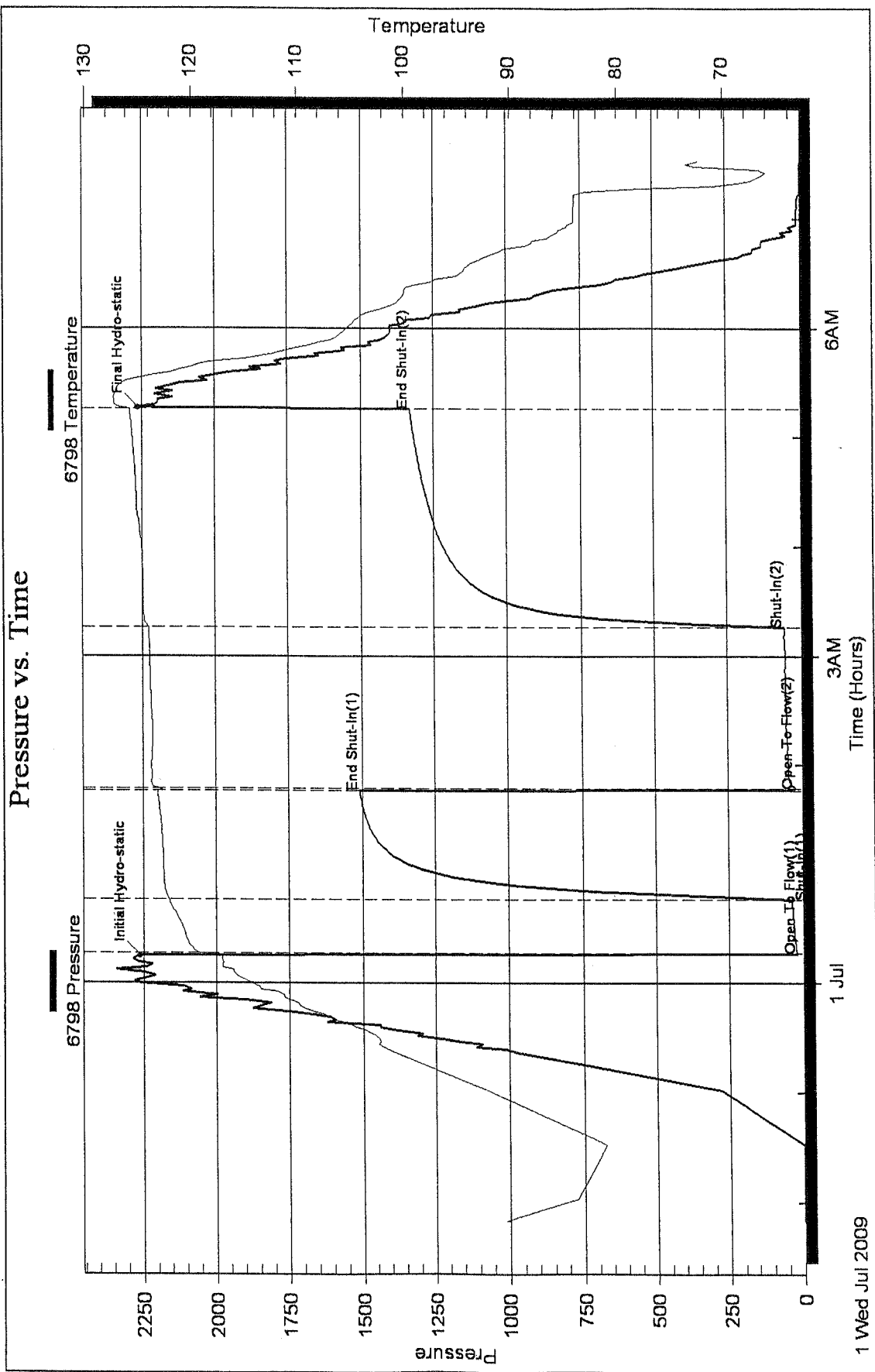
Serial #: GA-1

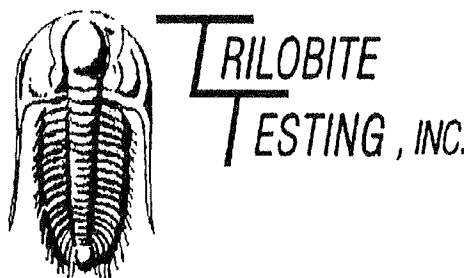
Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E. Central, Ste. 300
Wichita, Kansas 67206

ATTN: Robert Hendrix

15-27s-17w Kiowa KS

Thompson A # 1-15

Start Date: 2009.07.01 @ 21:07:10

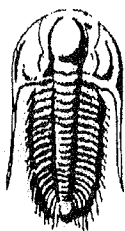
End Date: 2009.07.02 @ 05:07:40

Job Ticket #: 33784 DST #: 3

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, Kansas 67206

ATTN: Robert Hendrix

Thompson A # 1-15

15-27s-17w Kiowa KS

Job Ticket: 33784

DST#: 3

Test Start: 2009.07.01 @ 21:07:10

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:17:40

Time Test Ended: 05:07:40

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **4674.00 ft (KB) To 4698.00 ft (KB) (TVD)**

Total Depth: 4698.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2135.00 ft (KB)

2126.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6798

Inside

Press@RunDepth: 67.98 psig @ 4675.00 ft (KB)

Start Date: 2009.07.01

End Date:

2009.07.02

Start Time: 21:07:11

End Time:

05:07:40

Capacity: 7000.00 psig

Last Calib.: 2009.07.02

Time On Btm: 2009.07.01 @ 23:16:10

Time Off Btm: 2009.07.02 @ 02:49:10

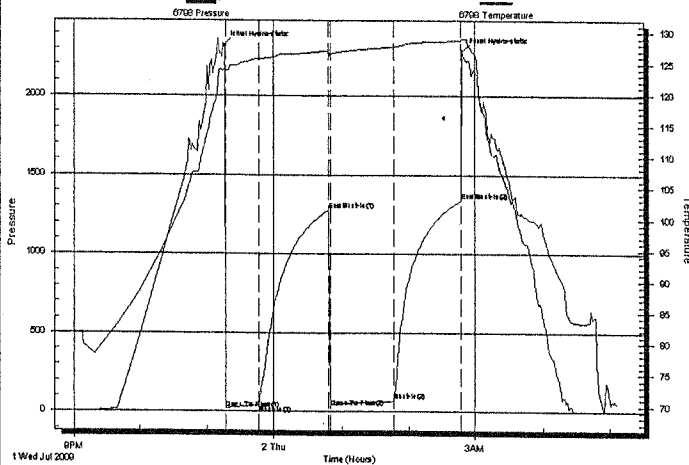
TEST COMMENT: IF: Fair blow. B.O.B. in 6 1/2 mins.

IS: No blow.

FF: Strong blow. B.O.B. in 1 min.

FS: Very weak surface blow.

Pressure vs. Time



PRESSURE SUMMARY

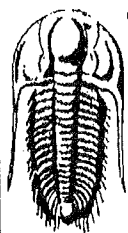
Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2317.00	123.97	Initial Hydro-static
2	18.13	123.81	Open To Flow (1)
31	39.25	125.74	Shut-In (1)
93	1279.12	126.90	End Shut-In (1)
94	27.46	126.17	Open To Flow (2)
151	67.98	127.63	Shut-In (2)
212	1337.81	128.70	End Shut-In (2)
213	2283.19	129.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WCM 40%w 60%w	0.59
0.00	RW = .290 @ 117 deg.	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

Thompson A # 1-15

8080 E. Central, Ste. 300
Wichita, Kansas 67206

15-27s-17w Kiowa KS

Job Ticket: 33784

DST#: 3

ATTN: Robert Hendrix

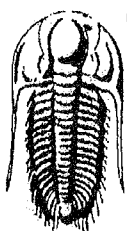
Test Start: 2009.07.01 @ 21:07:10

Tool Information

Drill Pipe:	Length: 4464.00 ft	Diameter: 3.80 inches	Volume: 62.62 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: 218.00 ft	Diameter: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 100000.0 lb
		Total Volume: 63.69 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 77000.00 lb
Depth to Top Packer:	4674.00 ft			Final 77000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	47.00 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			4656.00	
Hydraulic tool	5.00			4661.00	
Safety Joint	3.00			4664.00	
Packer	5.00			4669.00	23.00 Bottom Of Top Packer
Packer	5.00			4674.00	
Stubb	1.00			4675.00	
Recorder	0.00	6798	Inside	4675.00	
Recorder	0.00	8367	Inside	4675.00	
Perforations	20.00			4695.00	
Bullnose	3.00			4698.00	24.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Thompson A # 1-15

8080 E. Central, Ste. 300
Wichita, Kansas 67206

15-27s-17w Kiowa KS

Job Ticket: 33784

DST#: 3

ATTN: Robert Hendrix

Test Start: 2009.07.01 @ 21:07:10

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: 13000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.36 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8900.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	WCM 40%w 60%m	0.590
0.00	RW = .290 @ 117 deg.	0.000

Total Length: 120.00 ft

Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

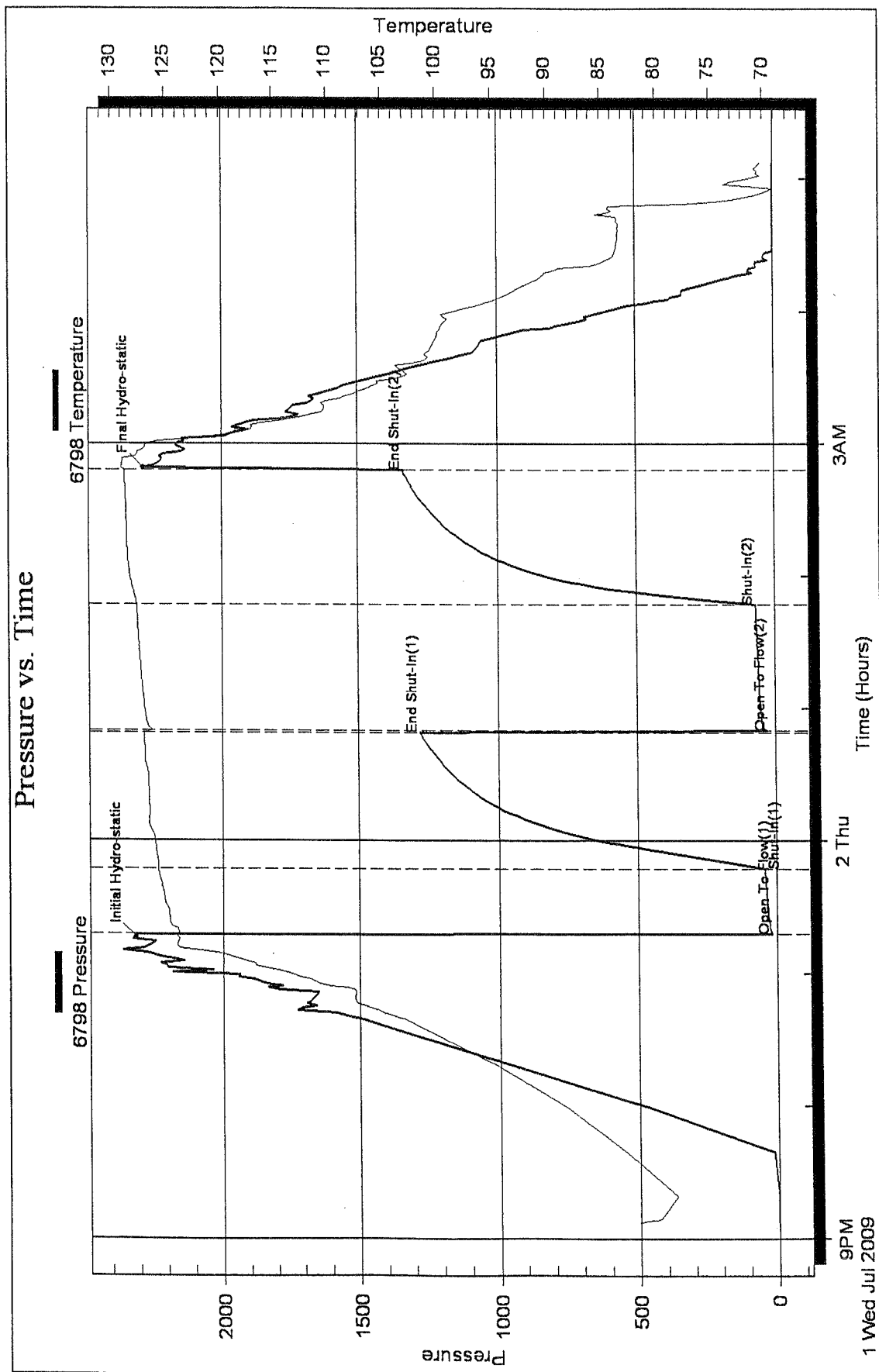
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



GAS VOLUME REPORT

Operator: McCoy Petroleum

Well Name: Thomas A 1-15

DST #: 2

Date: 6/30/2009

Remarks: Final Opening

[illegible]