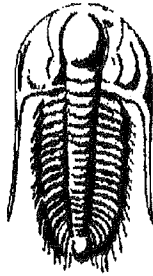


15-039-21034

4-5s-29w

IND

CONFIDENTIAL



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Rocky Milford

4 5 29 Decatur KS

NEFF "A" #1-4

Start Date: 2007.12.07 @ 07:26:04

End Date: 2007.12.07 @ 16:54:44

Job Ticket #: 30671 DST #: 1

RECEIVED

JUN 10 2009

KCC WICHITA

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita KS 67206

4 5 29 Decatur KS

Job Ticket: 30671

DST#: 1

Test Start: 2007.12.07 @ 07:26:04

Formation: Lansing "A-C"

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

Time Tool Opened: 09:59:14

Time Test Ended: 16:54:44

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 22

Interval: 3827.00 ft (KB) To 3870.00 ft (KB) (TVD)

Total Depth: 3870.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2723.00 ft (KB)

2718.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 567.74 psig @ 3828.00 ft (KB)

Start Date: 2007.12.07

End Date:

2007.12.07

Start Time: 07:26:06

End Time:

16:54:44

Capacity: 7000.00 psig

007.12.07

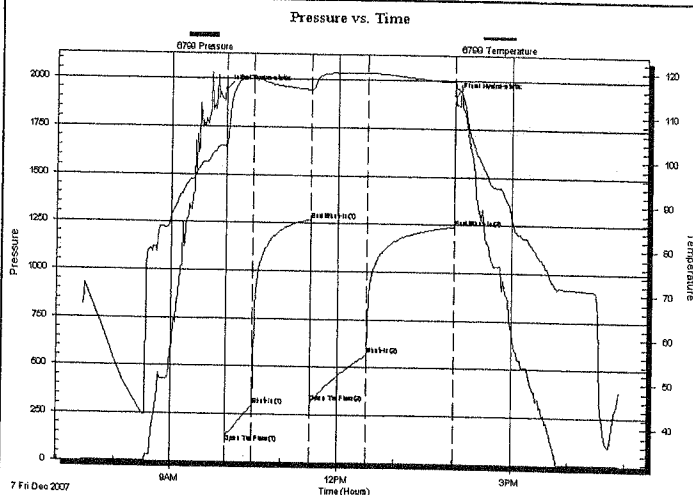
Last Calib.:

Time On Btu

Time Off Btm: 2007.12.07 @ 14:03:04

2007.12.07 @ 14:02:04

TEST COMMENT: IF Strong blow built to BOB in 5 minutes.
ISI Bled off weak blow back built to .25 " in bucket
FF Strong blow built to BOB in 5 minutes
FSI Bled off weak blow back built to .5 " in bucket



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1945.72	103.19	Initial Hydro-static
1	100.28	101.93	Open To Flow (1)
30	295.18	118.74	Shut-In(1)
92	1267.98	115.73	End Shut-In(1)
92	318.07	115.47	Open To Flow (2)
153	567.74	119.53	Shut-In(2)
242	1238.31	117.81	End Shut-In(2)
243	1923.03	117.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
690.00	Water	8.04
250.00	SOMCW 5%o 10% _m 85% _w	3.51
65.00	SOCMW 5%O 35%M 60%W	0.91
165.00	SGOCWM 5%G 5%O 28%W 62%M	2.31
10.00	Clean Oil	0.14
0.00	85000ppmChl/20.5 Gravity Oil corrected	0.00

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

NEFF "A" #1-4

8080 E Central Ste 300
Wichita KS 67206

4 5 29 Decatur KS

Job Ticket: 30671

DST#: 1

ATTN: Rocky Milford

Test Start: 2007.12.07 @ 07:26:04

Tool Information

Drill Pipe:	Length: 3640.00 ft	Diameter: 3.80 inches	Volume: 51.06 bbl	Tool Weight: 2900.00 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
		Total Volume: 51.95 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3827.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	43.00 ft			
Tool Length:	68.00 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			3807.00	
Hydraulic tool	5.00			3812.00	
Jars	5.00			3817.00	
Packer	5.00			3822.00	25.00 Bottom Of Top Packer
Packer	5.00			3827.00	
Stubb	1.00			3828.00	
Recorder	0.00	6799	Inside	3828.00	
Perforations	39.00			3867.00	
Recorder	0.00	10270	Outside	3867.00	
Bullnose	3.00			3870.00	43.00 Bottom Packers & Anchor
Total Tool Length:	68.00				

RECEIVED
JUN 10 2009
KCC WICHITA



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

NEFF "A" #1-4

8080 E Central Ste 300
Wichita KS 67206

4 5 29 Decatur KS

Job Ticket: 30671

DST#: 1

ATTN: Rocky Milford

Test Start: 2007.12.07 @ 07:26:04

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.79 in³

Resistivity: ohm.m

Salinity: 900.00 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
690.00	Water	8.039
250.00	SOMCW 5%o 10%m 85%w	3.507
65.00	SOCMW 5%O 35%M 60%W	0.912
165.00	SGOCWM 5%G 5%O 28%W 62%M	2.315
10.00	Clean Oil	0.140
0.00	85000ppmChl/20.5 Gravity Oil corrected	0.000

Total Length: 1180.00 ft

Total Volume: 14.913 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

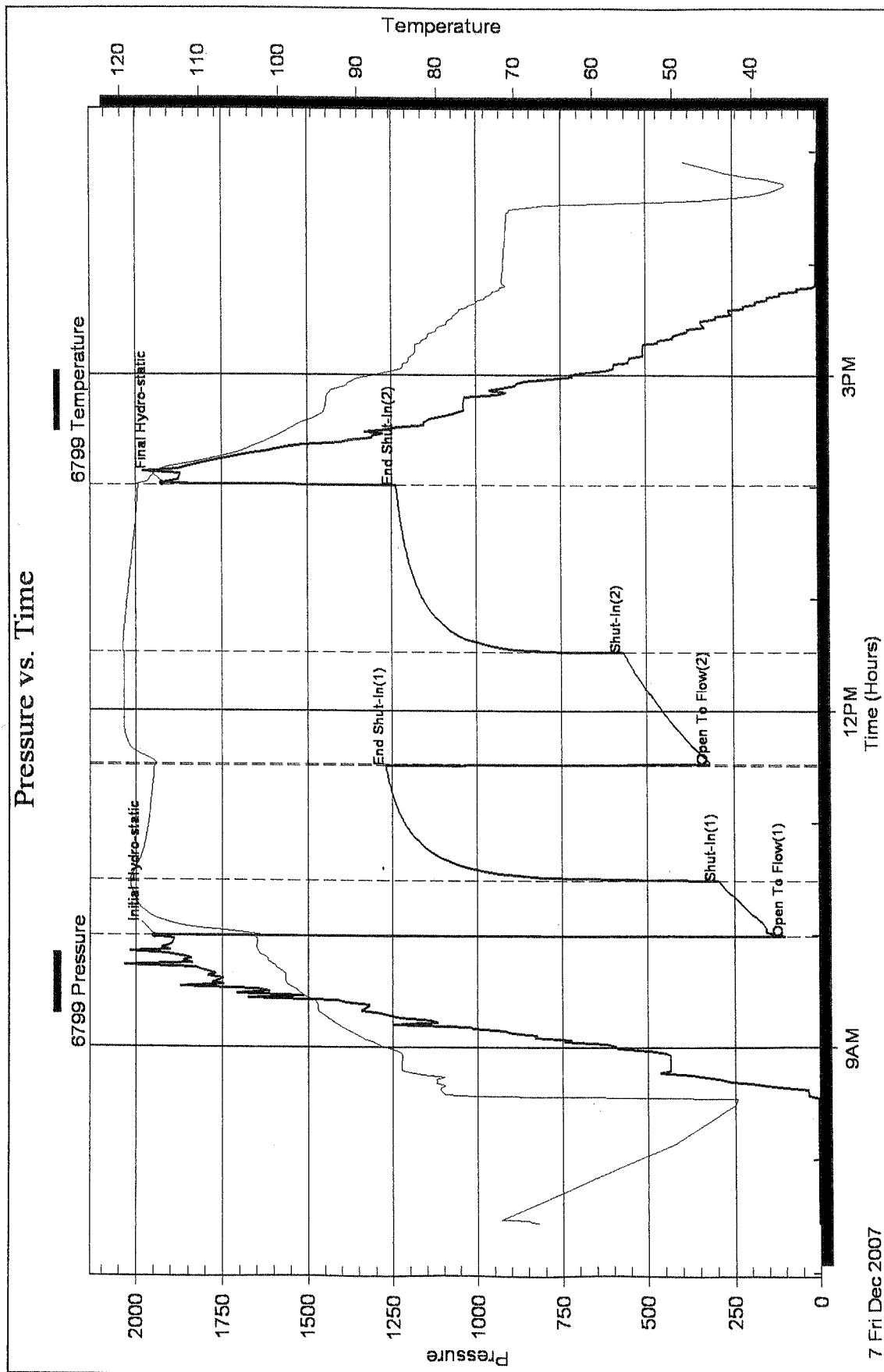
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

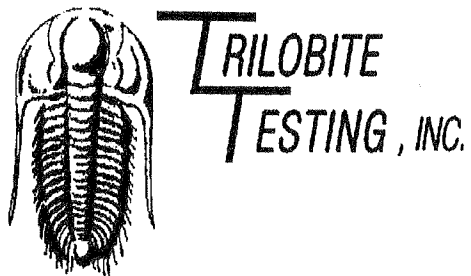
Pressure vs. Time



RECEIVED
JUN 10 2009
KCC WICHITA

Ref. No: 30671

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Rocky Milford

4 5 29 Decatur KS

NEFF "A" #1-4

Start Date: 2007.12.08 @ 01:42:03

End Date: 2007.12.08 @ 10:03:42

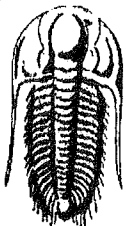
Job Ticket #: 30672 DST #: 2

RECEIVED

JUN 10 2009

KCC WICHITA

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 Corporation

8080 E Central Ste 300
Wichita KS 67206

ATTN: Rocky Milford

NEFF "A" #1-4

4 5 29 Decatur KS

Job Ticket: 30672

DST#: 2

Test Start: 2007.12.08 @ 01:42:03

GENERAL INFORMATION:

Formation: **Lansing "E&F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:28:33

Time Test Ended: 10:03:42

Interval: **3883.00 ft (KB) To 3910.00 ft (KB) (TVD)**

Total Depth: 3910.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 22

Reference Elevations: 2723.00 ft (KB)

2718.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 175.60 psig @ 3884.00 ft (KB)

Start Date: 2007.12.08

End Date:

2007.12.08

Start Time: 01:42:05

End Time:

10:03:43

Capacity: 7000.00 psig

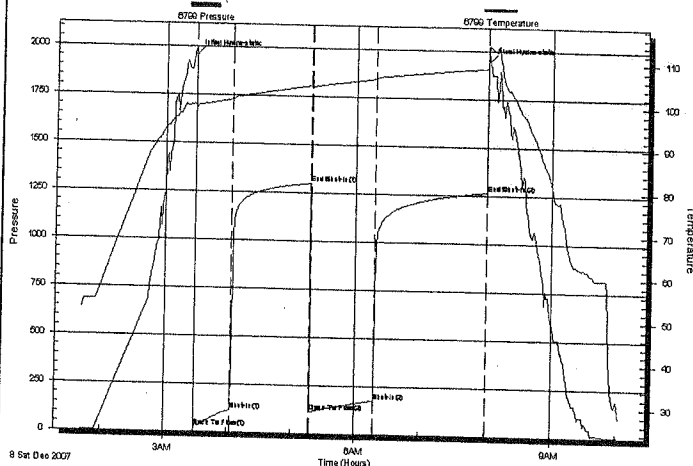
Last Calib.: 2007.12.08

Time On Btm: 2007.12.08 @ 03:28:13

Time Off Btm: 2007.12.08 @ 08:02:03

TEST COMMENT: IF Fairly strong blow built to 10 " in bucket.
ISI Bled off no blow back.
FF Fairly strong blow built to BOB in 54 minutes.
FSI Bled off no blow back

Pressure vs. Time



PRESSURE SUMMARY

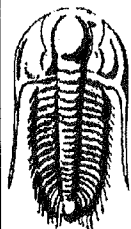
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1959.84	99.48	Initial Hydro-static
1	22.46	98.22	Open To Flow (1)
35	112.04	100.82	Shut-In (1)
109	1299.15	104.24	End Shut-In (1)
110	113.56	103.89	Open To Flow (2)
169	175.60	105.96	Shut-In (2)
273	1265.47	108.86	End Shut-In (2)
274	1948.14	114.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
320.00	Salt Water	2.85
0.00	(skim of Oil on top of recovery)	0.00
0.00	87,500 ppm Chlorides	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

NEFF "A" #1-4

8080 E Central Ste 300
Wichita KS 67206

4 5 29 Decatur KS

Job Ticket: 30672

DST#: 2

ATTN: Rocky Milford

Test Start: 2007.12.08 @ 01:42:03

Tool Information

Drill Pipe:	Length: 3704.00 ft	Diameter: 3.80 inches	Volume: 51.96 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 52.85 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3883.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	27.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

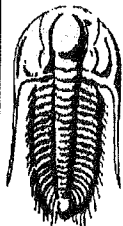
Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3863.00	
Hydraulic tool	5.00			3868.00	
Jars	5.00			3873.00	
Packer	5.00			3878.00	25.00 Bottom Of Top Packer
Packer	5.00			3883.00	
Stubb	1.00			3884.00	
Recorder	0.00	6799	Inside	3884.00	
Perforations	23.00			3907.00	
Recorder	0.00	10270	Outside	3907.00	
Bullnose	3.00			3910.00	27.00 Bottom Packers & Anchor
Total Tool Length:	52.00				

RECEIVED

JUN 18 2009

KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

NEFF "A" #1-4

8080 E Central Ste 300
Wichita KS 67206

4 5 29 Decatur KS

Job Ticket: 30672

DST#: 2

ATTN: Rocky Milford

Test Start: 2007.12.08 @ 01:42:03

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 7.78 in³

Resistivity: ohm.m

Salinity: 900.00 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
320.00	Salt Water	2.849
0.00	(skim of Oil on top of recovery)	0.000
0.00	87,500 ppm Chlorides	0.000

Total Length: 320.00 ft

Total Volume: 2.849 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

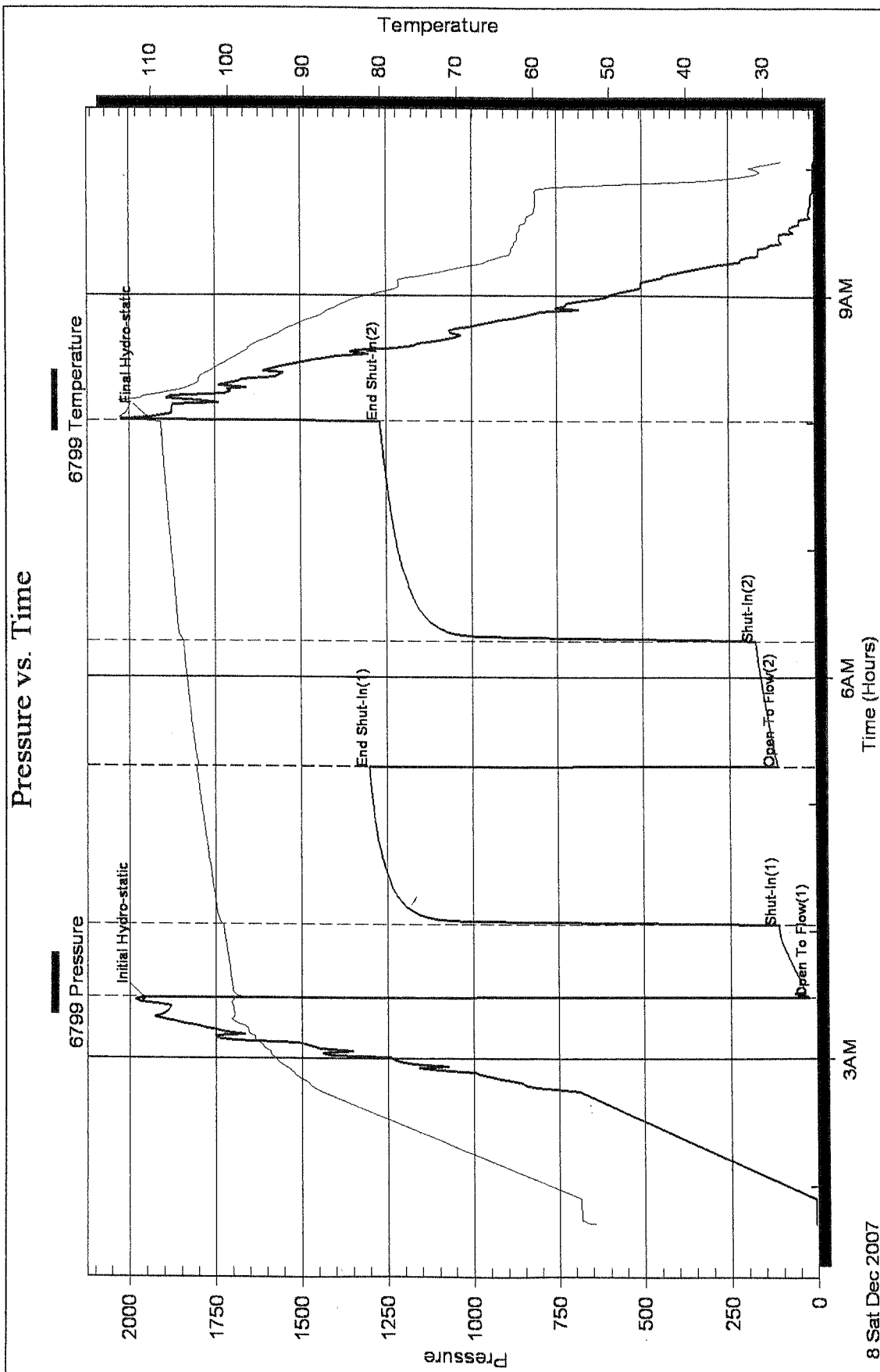
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

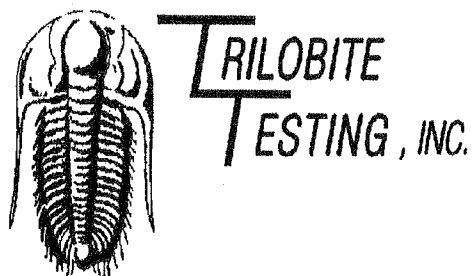
Pressure vs. Time



RECEIVED
JUN 10 2009
KCC WICHITA

Ref. No: 30672

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Rocky Milford

4 5 29 Decatur KS

NEFF "A" #1-4

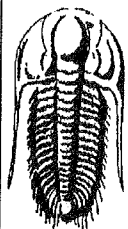
Start Date: 2007.12.09 @ 01:35:47

End Date: 2007.12.09 @ 10:49:17

Job Ticket #: 30673 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

RECEIVED
JUN 10 2009
KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita KS 67206

ATTN: Rocky Milford

NEFF "A" #1-4

4 5 29 Decatur KS

Job Ticket: 30673

DST#: 3

Test Start: 2007.12.09 @ 01:35:47

GENERAL INFORMATION:

Formation: **Lansing "J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:41:57

Time Test Ended: 10:49:17

Interval: **3953.00 ft (KB) To 4020.00 ft (KB) (TVD)**

Total Depth: 4020.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 22

Reference Elevations: 2723.00 ft (KB)

2718.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6799

Inside

Press@RunDepth: 207.60 psig @ 3954.00 ft (KB)

Start Date: 2007.12.09

End Date:

2007.12.09

Capacity: 7000.00 psig

Start Time: 01:35:49

End Time:

10:49:17

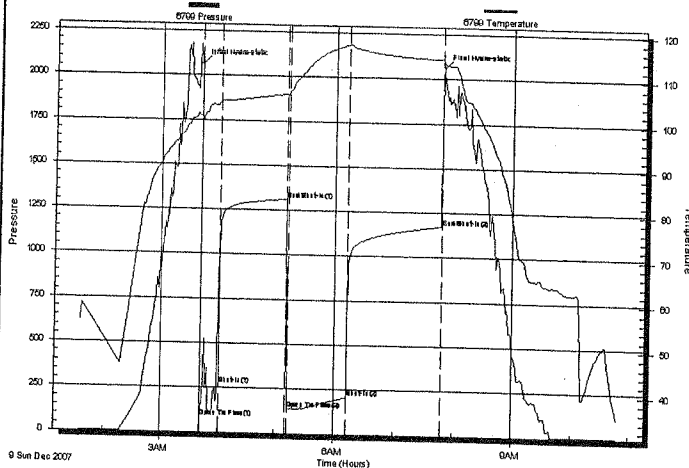
Last Calib.: 2007.12.09

Time On Btm: 2007.12.09 @ 03:41:27

Time Off Btm: 2007.12.09 @ 07:49:47

TEST COMMENT: IF Fair blow built to 9" in bucket
ISI Bled off no blow back.
FF Fair blow built to BOB in 24 minutes.
FSI Bled off no blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2065.49	101.33	Initial Hydro-static
1	83.13	100.02	Open To Flow (1)
20	270.18	104.09	Shut-In (1)
90	1310.50	106.29	End Shut-In (1)
92	136.80	106.64	Open To Flow (2)
152	207.60	117.43	Shut-In (2)
247	1171.07	114.48	End Shut-In (2)
249	2062.60	113.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	SOSMCW .5%O 25%M 74.5%W	0.39
165.00	OSMW 1%O 30%M 69%W	1.40
65.00	SOCWM 5%O 45%W 50%M	0.91
165.00	SOCWCM 5%O 15%W 80%M	2.31
0.00	80,000 ppm chlorides	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

NEFF "A" #1-4

8080 E Central Ste 300
Wichita KS 67206

4 5 29 Decatur KS

Job Ticket: 30673

DST#: 3

ATTN: Rocky Milford

Test Start: 2007.12.09 @ 01:35:47

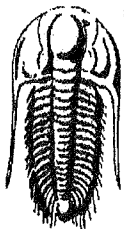
Tool Information

Drill Pipe:	Length: 3768.00 ft	Diameter: 3.80 inches	Volume: 52.86 bbl	Tool Weight:	3200.00 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	53.75 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3953.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	67.00 ft				
Tool Length:	92.00 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			3933.00	
Hydraulic tool	5.00			3938.00	
Jars	5.00			3943.00	
Packer	5.00			3948.00	25.00 Bottom Of Top Packer
Packer	5.00			3953.00	
Stubb	1.00			3954.00	
Recorder	0.00	6799	Inside	3954.00	
Perforations	29.00			3983.00	
Blank Spacing	34.00			4017.00	
Recorder	0.00	10270	Outside	4017.00	
Bullnose	3.00			4020.00	67.00 Bottom Packers & Anchor

Total Tool Length: 92.00

RECEIVED
JUN 10 2009
KCC WICHITA



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

NEFF "A" #1-4

8080 E Central Ste 300
Wichita KS 67206

4 5 29 Decatur KS

Job Ticket: 30673

DST#: 3

ATTN: Rocky Milford

Test Start: 2007.12.09 @ 01:35:47

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 1100.00 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
80.00	SOSMCW .5%O 25%M 74.5%W	0.393
165.00	OSMW 1%O 30%M 69%W	1.404
65.00	SOCWM 5%O 45%W 50%M	0.912
165.00	SOCWCM 5%O 15%W 80%M	2.315
0.00	80,000 ppm chlorides	0.000

Total Length: 475.00 ft

Total Volume: 5.024 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

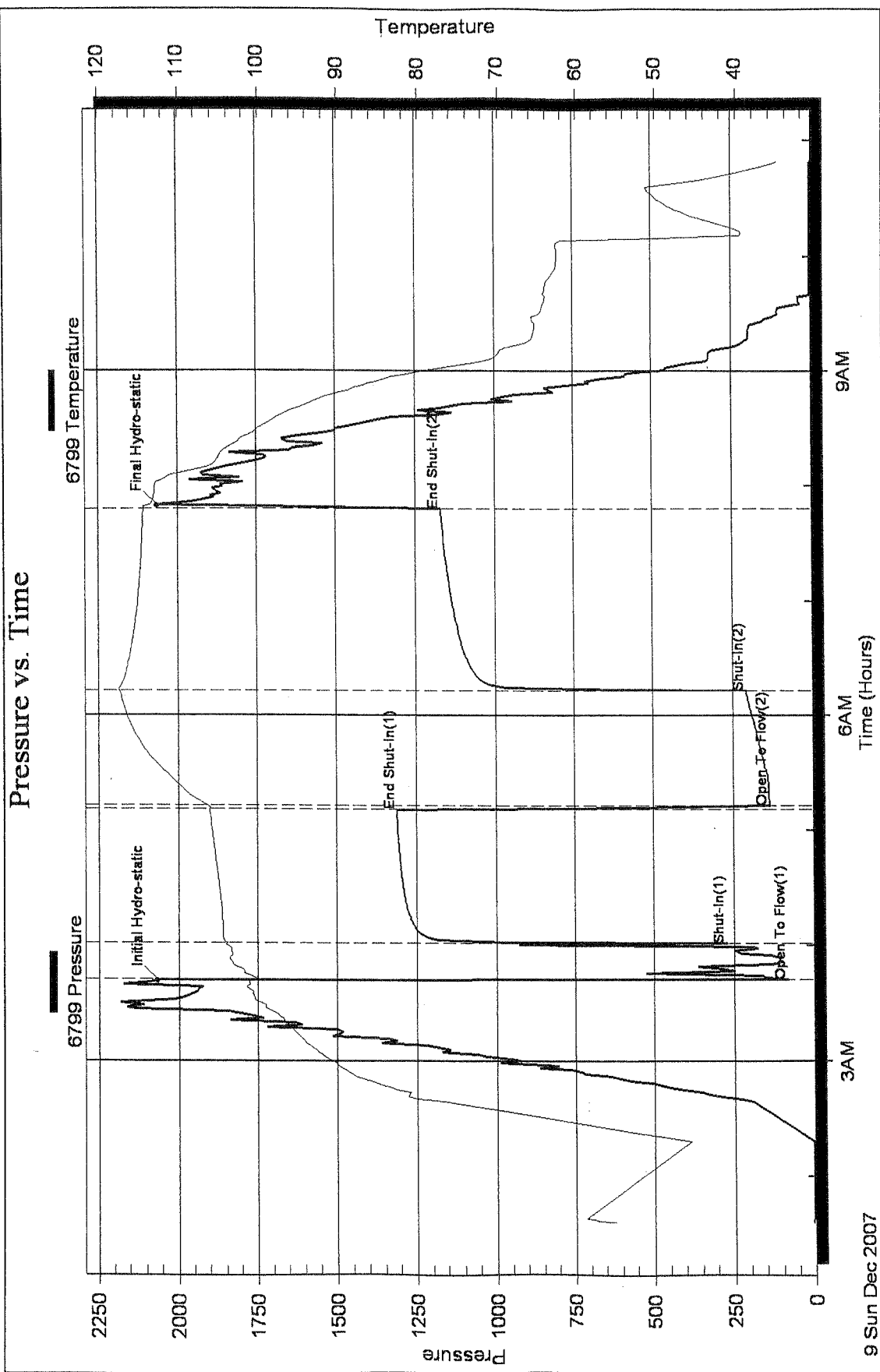
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



RECEIVED
JUN 10 2009
KCC WICHITA

Ref. No: 30673

Trilobite Testing, Inc