

15-051-25754

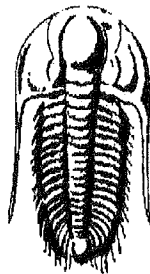
16-12s-18w

MD

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MAY 01 2008

CONSERVATION DIVISION
WICHITA, KS



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Bob O'Dell

16 12 18W Ellis KS

Horne "A" #1-16

Start Date: 2008.03.08 @ 18:15:49

End Date: 2008.03.09 @ 02:28:49

Job Ticket #: 31424 DST #: 1

CONFIDENTIAL
APR 28 2008
KCC

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

McCoy Petroleum Corporation

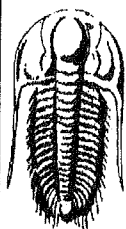
Horne "A" #1-16

16 12 18W Ellis KS

DST # 1

Lansing "B-F"

2008.03.08



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita KS 67206

ATTN: Bob O'Dell

Horne "A" #1-16

16 12 18W Ellis KS

Job Ticket: 31424

DST#: 1

Test Start: 2008.03.08 @ 18:15:49

GENERAL INFORMATION:

Formation: **Lansing "B-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:44:49

Time Test Ended: 02:28:49

Interval: **3452.00 ft (KB) To 3530.00 ft (KB) (TVD)**

Total Depth: 3530.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Reference Elevations: 2166.00 ft (KB)

2157.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **6719**

Inside

Press@RunDepth: 177.73 psig @ 3455.00 ft (KB)

Start Date: 2008.03.08

End Date: 2008.03.09

Start Time: 18:15:51

End Time: 02:28:49

Capacity: 7000.00 psig

Last Calib.: 2008.03.09

Time On Btm: 2008.03.08 @ 20:44:19

Time Off Btm: 2008.03.09 @ 00:48:19

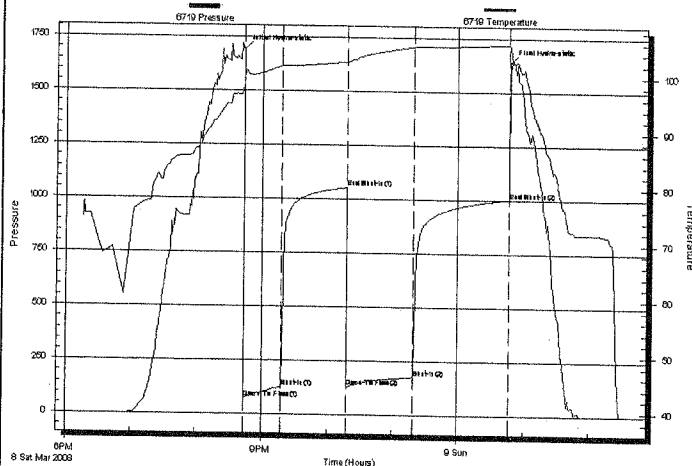
TEST COMMENT: IFP Weak Blow Built to 4 "

ISI Dead

FFP Weak Blow Built to 4 "

FSI Dead

Pressure vs. Time



PRESSURE SUMMARY

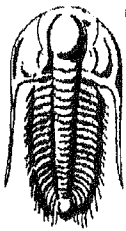
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1694.40	98.32	Initial Hydro-static
1	74.62	100.12	Open To Flow (1)
33	126.61	101.78	Shut-In (1)
93	1053.12	102.58	End Shut-In (1)
94	130.48	102.31	Open To Flow (2)
155	177.73	105.33	Shut-In (2)
243	1003.06	105.84	End Shut-In (2)
244	1638.40	105.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
280.00	MV	1.68

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

Horne "A" #1-16

8080 E Central Ste 300
Wichita KS 67206

16 12 18W Ellis KS

Job Ticket: 31424

DST#: 1

ATTN: Bob O'Dell

Test Start: 2008.03.08 @ 18:15:49

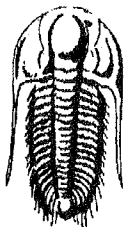
Tool Information

Drill Pipe:	Length: 3196.00 ft	Diameter: 3.80 inches	Volume: 44.83 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose:	65000.00 lb
		Total Volume:	46.04 bbl	Tool Chased	6.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial	53000.00 lb
Depth to Top Packer:	3452.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	78.00 ft				
Tool Length:	99.00 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			3432.00	
Shut In Tool	5.00			3437.00	
Hydraulic tool	5.00			3442.00	
Packer	5.00			3447.00	21.00 Bottom Of Top Packer
Packer	5.00			3452.00	
Stubb	1.00			3453.00	
Perforations	1.00			3454.00	
Recorder	0.00	8360	Outside	3454.00	
Change Over Sub	1.00			3455.00	
Recorder	0.00	6719	Inside	3455.00	
Blank Spacing	62.00			3517.00	
Change Over Sub	1.00			3518.00	
Perforations	9.00			3527.00	
Bullnose	3.00			3530.00	78.00 Bottom Packers & Anchor

Total Tool Length: 99.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Horne "A" #1-16

8080 E Central Ste 300
Wichita KS 67206

16 12 18W Ellis KS

Job Ticket: 31424

DST#: 1

ATTN: Bob O'Dell

Test Start: 2008.03.08 @ 18:15:49

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:

90000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	MV	1.678

Total Length: 280.00 ft

Total Volume: 1.678 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

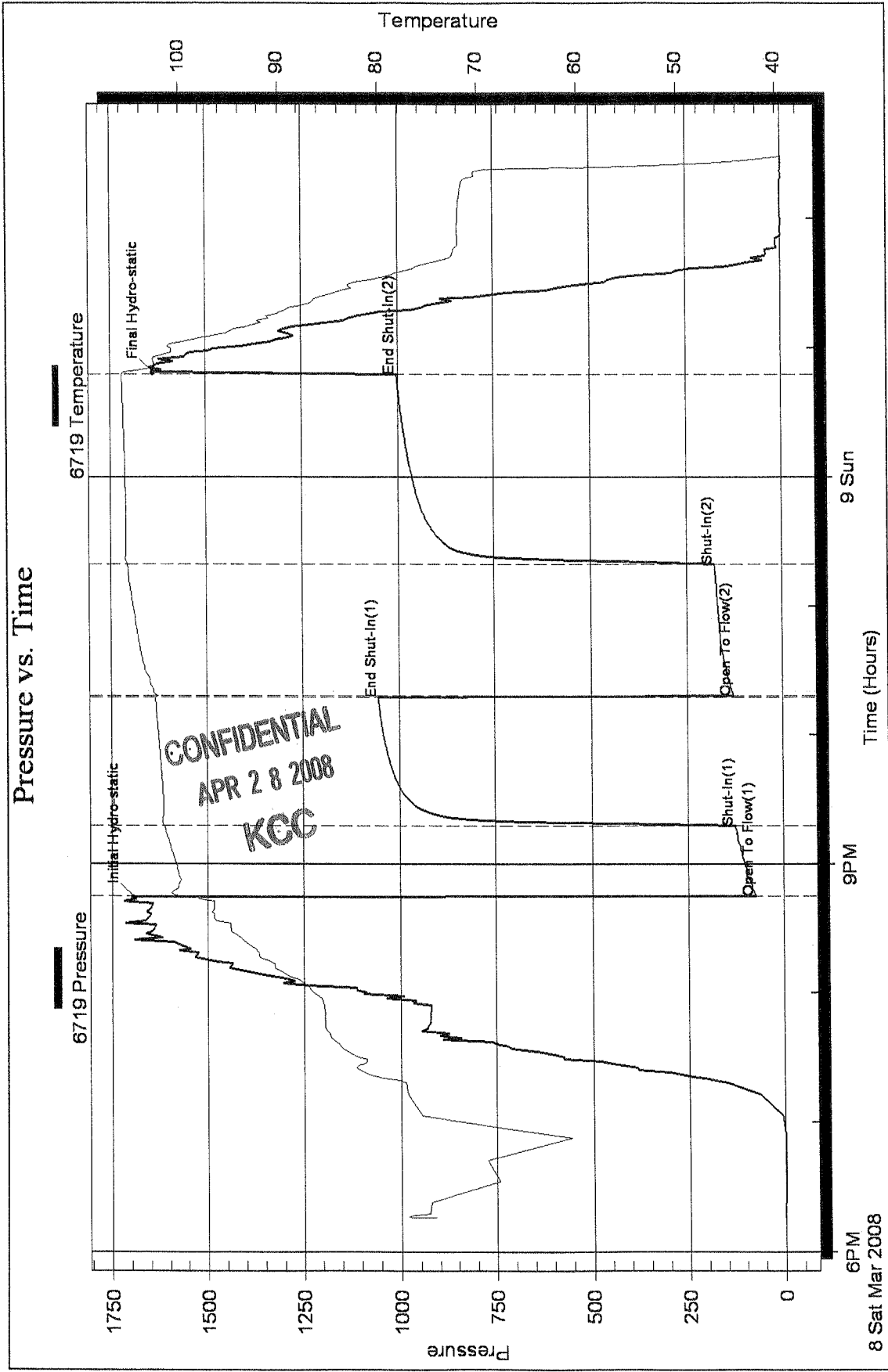
Serial #:

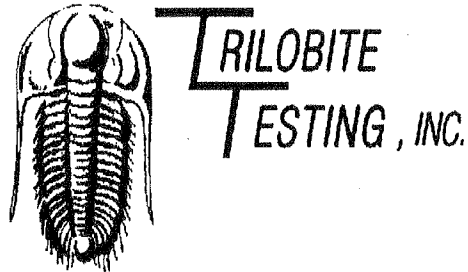
Laboratory Name:

Laboratory Location:

Recovery Comments:

CONFIDENTIAL
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2008





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Bob O'Dell

16 12 18W Ellis KS

Horne "A" #1-16

Start Date: 2008.03.09 @ 22:40:20

End Date: 2008.03.10 @ 07:08:50

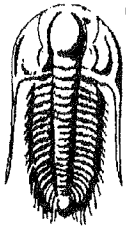
Job Ticket #: 31425 DST #: 2

CONFIDENTIAL
APR 28 2008
KCC

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: Bob O'Dell

Horne "A" #1-16

16 12 18W Ellis KS

Job Ticket: 31425

DST#: 2

Test Start: 2008.03.09 @ 22:40:20

GENERAL INFORMATION:

Formation: **Lansing-"I-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:54:20

Time Test Ended: 07:08:50

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3553.00 ft (KB) To 3625.00 ft (KB) (TVD)**

Total Depth: 3625.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2166.00 ft (KB)

2157.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6719 Inside

Press@RunDepth: 238.58 psig @ 3559.00 ft (KB)

Start Date: 2008.03.09

End Date:

2008.03.10

Start Time: 22:40:22

End Time:

07:08:50

Capacity: 7000.00 psig

Last Calib.: 2008.03.10

Time On Btm: 2008.03.10 @ 00:53:20

Time Off Btm: 2008.03.10 @ 04:55:50

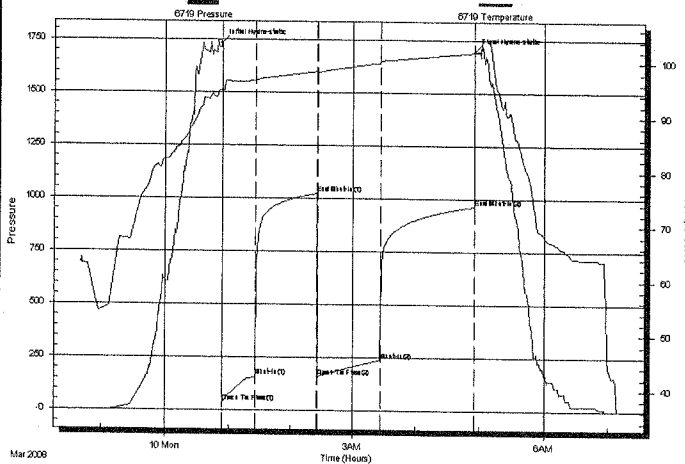
TEST COMMENT: IFP Good Blow BOB in 25 Min.

ISI Dead

FFP Good Blow BOB in 37 Min.

FSI Dead

Pressure vs. Time



PRESSURE SUMMARY

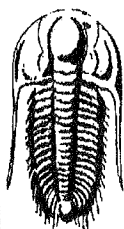
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1730.02	95.06	Initial Hydro-static
1	35.59	94.85	Open To Flow (1)
33	159.18	96.77	Shut-In(1)
91	1021.44	98.45	End Shut-In(1)
93	160.52	98.32	Open To Flow (2)
153	238.58	100.00	Shut-In(2)
242	963.19	101.99	End Shut-In(2)
243	1693.73	102.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
420.00	MW w/Oil Scum	3.64

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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Bob O'Dell

Horne "A" #1-16

16 12 18W Ellis KS

Job Ticket: 31425

DST#: 2

Test Start: 2008.03.09 @ 22:40:20

Tool Information

Drill Pipe:	Length: 3319.00 ft	Diameter: 3.80 inches	Volume: 46.56 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose:	56000.00 lb
		Total Volume:	47.77 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial	53000.00 lb
Depth to Top Packer:	3553.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	72.00 ft				
Tool Length:	93.00 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			3533.00	
Shut In Tool	5.00			3538.00	
Hydraulic tool	5.00			3543.00	
Packer	5.00			3548.00	21.00 Bottom Of Top Packer
Packer	5.00			3553.00	
Stubb	1.00			3554.00	
Perforations	4.00			3558.00	
Recorder	0.00	8360	Outside	3558.00	
Change Over Sub	1.00			3559.00	
Recorder	0.00	6719	Inside	3559.00	
Blank Spacing	31.00			3590.00	
Change Over Sub	1.00			3591.00	
Perforations	31.00			3622.00	
Bullnose	3.00			3625.00	72.00 Bottom Packers & Anchor

Total Tool Length: 93.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Horne "A" #1-16

8080 E Central Ste 300
Wichita KS 67206

16 12 18W Ellis KS

Job Ticket: 31425

DST#: 2

ATTN: Bob O'Dell

Test Start: 2008.03.09 @ 22:40:20

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 7.98 in³

Resistivity: ohm.m

Salinity: 4800.00 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: 82000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
420.00	MV w/Oil Scum	3.641

Total Length: 420.00 ft

Total Volume: 3.641 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

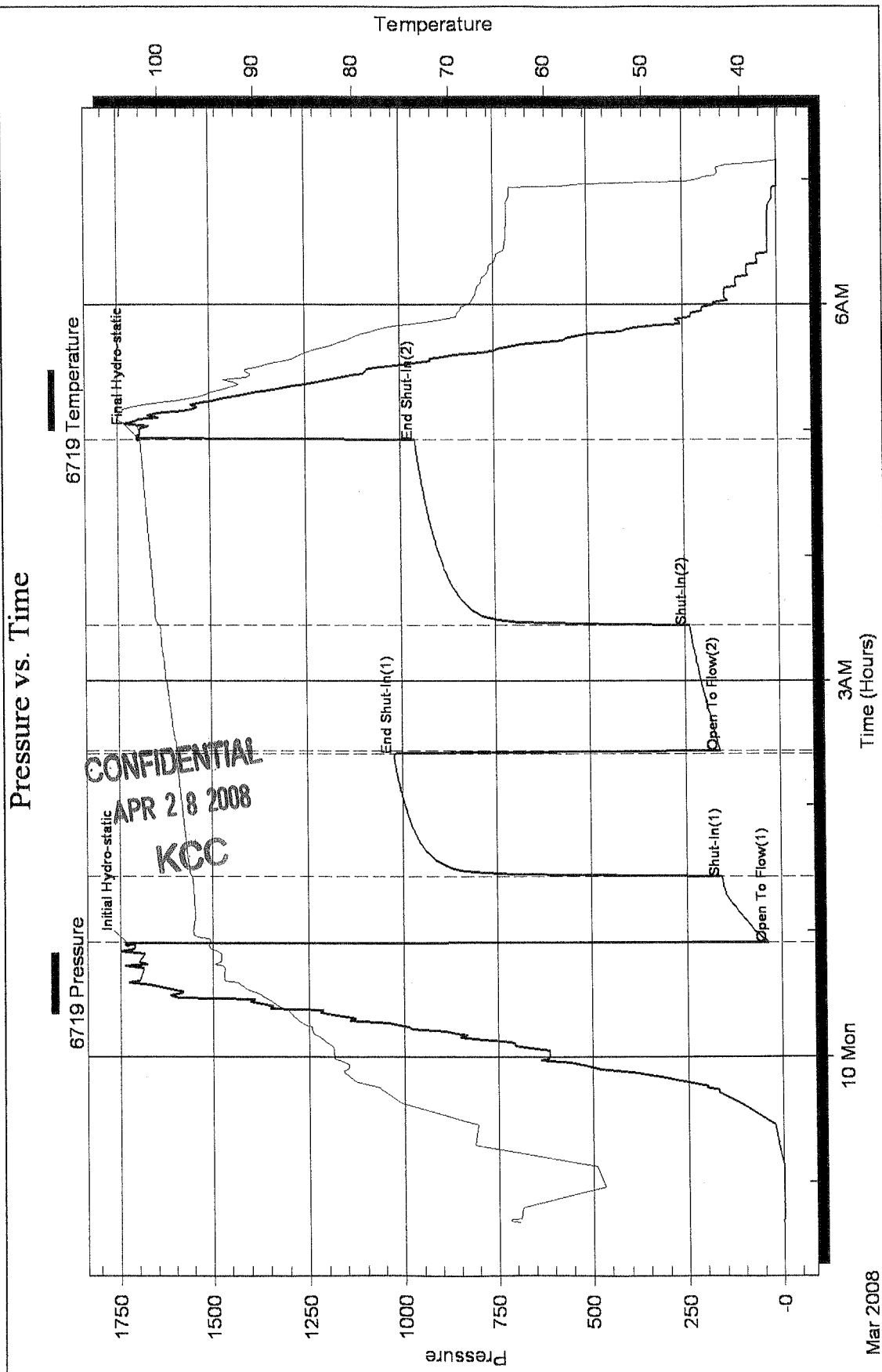
Serial #:

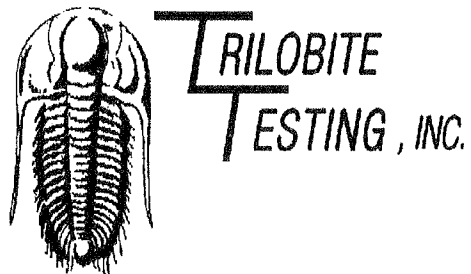
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Bob O'Dell

16 12 18W Ellis KS

Horne "A" #1-16

Start Date: 2008.03.10 @ 22:07:48

End Date: 2008.03.11 @ 07:31:48

Job Ticket #: 31076 DST #: 3

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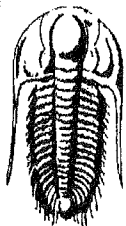
APR 28 2008

KCC

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: Bob O'Dell

Horne "A" #1-16

16 12 18W Ellis KS

Job Ticket: 31076

DST#: 3

Test Start: 2008.03.10 @ 22:07:48

GENERAL INFORMATION:

Formation: **Conglomerate/Arbuckl**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:25:48

Time Test Ended: 07:31:48

Test Type: Conventional Bottom Hole

Tester: Jason McLemore

Unit No: 32

Interval: **3714.00 ft (KB) To 3740.00 ft (KB) (TVD)**

Total Depth: 3740.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 2166.00 ft (KB)

2157.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8360

Inside

Press@RunDepth: 908.56 psig @ 3717.00 ft (KB)

Start Date: 2008.03.10

End Date:

2008.03.11

Start Time: 22:07:50

End Time:

07:31:48

Capacity: 7000.00 psig

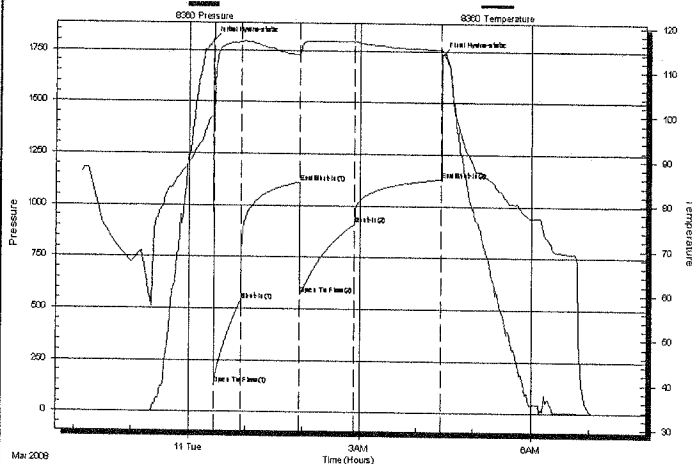
Last Calib.: 2008.03.11

Time On Btm: 2008.03.11 @ 00:25:18

Time Off Btm: 2008.03.11 @ 04:27:18

TEST COMMENT: IFP Strong BOB in 2 min.
ISI Dead
FFP Strong BOB in 3 min.
FSI Dead

Pressure vs. Time



PRESSURE SUMMARY

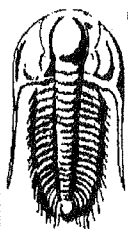
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1795.37	99.60	Initial Hydro-static
1	132.34	99.09	Open To Flow (1)
30	538.46	116.40	Shut-In (1)
91	1111.14	113.67	End Shut-In (1)
92	567.67	113.42	Open To Flow (2)
150	908.56	116.59	Shut-In (2)
241	1128.64	114.97	End Shut-In (2)
242	1727.69	115.03	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1984.00	MV	25.58

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita KS 67206

ATTN: Bob O'Dell

Horne "A" #1-16

16 12 18W Ellis KS

Job Ticket: 31076

DST#: 3

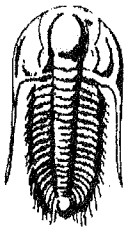
Test Start: 2008.03.10 @ 22:07:48

Tool Information

Drill Pipe:	Length: 3472.00 ft	Diameter: 3.80 inches	Volume: 48.70 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 247.00 ft	Diameter: 2.25 inches	Volume: 1.21 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	49.91 bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial	52000.00 lb
Depth to Top Packer:	3714.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	26.00 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
Change Over Sub	1.00			3694.00	
Shut In Tool	5.00			3699.00	
Hydraulic tool	5.00			3704.00	
Packer	5.00			3709.00	21.00 Bottom Of Top Packer
Packer	5.00			3714.00	
Stubb	1.00			3715.00	
Perforations	2.00			3717.00	
Recorder	0.00	8360	Inside	3717.00	
Recorder	0.00	6719	Outside	3717.00	
Perforations	20.00			3737.00	
Bullnose	3.00			3740.00	26.00 Bottom Packers & Anchor
Total Tool Length:		47.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corporation

Horne "A" #1-16

8080 E Central Ste 300
Wichita KS 67206

16 12 18W Ellis KS

Job Ticket: 31076

DST#: 3

ATTN: Bob O'Dell

Test Start: 2008.03.10 @ 22:07:48

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 45.00 sec/qt

Water Loss: 7.97 in³

Resistivity: ohm.m

Salinity: 4800.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

deg API

Water Salinity:

19000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1984.00	MW	25.580

Total Length: 1984.00 ft

Total Volume: 25.580 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

14/03/2008
8005 8 5 97A
SON

Pressure vs. Time

