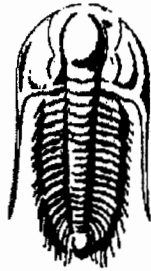


15-077-21529



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **McCoy Petl.Corp.**

8080 ECentral Ste.300
Wichita KS 67206

ATTN: Tim Priest

27-32s-8w Harper Ks.

Black-Fankhauser A#1-27

Start Date: 2005.09.26 @ 19:03:57

End Date: 2005.09.27 @ 01:58:42

Job Ticket #: 21773 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 05 2007

CONSERVATION DIVISION
WICHITA, KS

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petl. Corp.

Black-Fankhauser A#1-27

8080 ECentral Ste.300
Wichita KS 67206

27-32s-8w Harper Ks.

Job Ticket: 21773 DST#: 1

ATTN: Tim Priest

Test Start: 2005.09.26 @ 19:03:57

Tool Information

Drill Pipe:	Length: 4309.00 ft	Diameter: 3.80 inches	Volume: 60.44 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: 155.00 ft	Diameter: 2.25 inches	Volume: 0.76 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 61.20 bbl</u>	Tool Chased 7.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4452.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	13.00 ft			
Tool Length:	33.00 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			4433.00	
Shut In Tool	5.00			4438.00	
Hydraulic tool	5.00			4443.00	
Packer	4.00			4447.00	20.00 Bottom Of Top Packer
Packer	5.00			4452.00	
Stubb	1.00			4453.00	
Recorder	0.00	6771	Inside	4453.00	
Perforations	7.00			4460.00	
Recorder	0.00	13222	Outside	4460.00	
Bullnose	5.00			4465.00	13.00 Bottom Packers & Anchor
Total Tool Length:	33.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petl. Corp.

Black-Fankhauser A#1-27

8080 E Central Ste. 300
Wichita KS 67206

27-32s-8w Harper Ks.

Job Ticket: 21773

DST#: 1

ATTN: Tim Priest

Test Start: 2005.09.26 @ 19:03:57

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:	6000 ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.18 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume .bbl
15.00	Mud & Cuttings	0.074

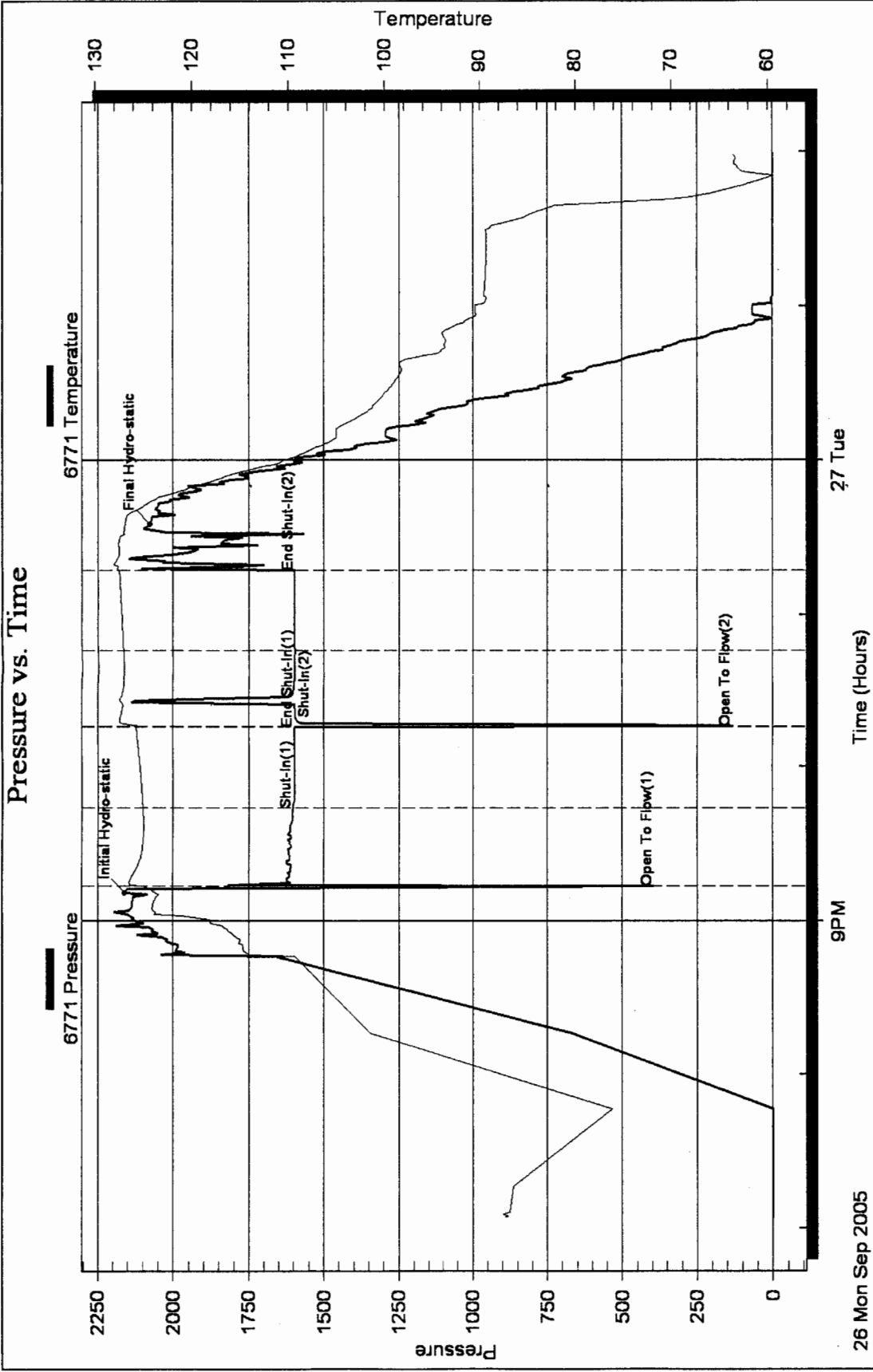
Total Length: 15.00 ft Total Volume: 0.074 bbl

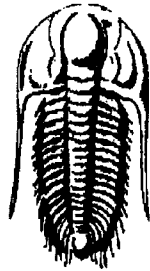
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petl.Corp.**

8080 ECentral Ste.300
Wichita KS 67206

ATTN: Tim Priest

27-32s-8w Harper Ks.

Black-Fankhauser A#1-27

Start Date: 2005.09.27 @ 09:59:23

End Date: 2005.09.27 @ 18:08:08

Job Ticket #: 21774 DST #: 2

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 Petl. Corp.
8080 E Central Ste. 300
Wichita KS 67206
ATTN: Tim Priest

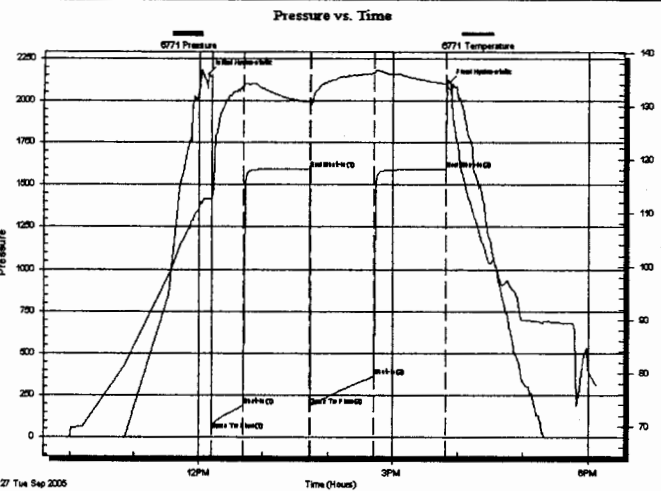
Black-Fankhauser A#1-27
27-32s-8w Harper Ks.
Job Ticket: 21774 **DST#: 2**
Test Start: 2005.09.27 @ 09:59:23

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: **No** Whipstock: ft (KB)
Time Tool Opened: 12:12:38
Time Test Ended: 18:08:08
Interval: **4453.00 ft (KB) To 4475.00 ft (KB) (TVD)**
Total Depth: **4475.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Poor**
Test Type: **Conventional Bottom Hole**
Tester: **Gary Pevoteaux**
Unit No: **23**
Reference Elevations: **1400.00 ft (KB)**
1391.00 ft (CF)
KB to GR/CF: **9.00 ft**

Serial #: 6771 **Inside**
Press@RunDepth: **363.75 psig @ 4454.00 ft (KB)** Capacity: **7000.00 psig**
Start Date: **2005.09.27** End Date: **2005.09.27** Last Calib.: **2005.09.27**
Start Time: **09:59:28** End Time: **18:08:07** Time On Btrt: **2005.09.27 @ 12:09:08**
Time Off Btrt: **2005.09.27 @ 15:51:38**

TEST COMMENT: F: Fair to strong blow . B.O.B. in 14 mins.
IS: Weak blow . 1".
FF: Fair to strong blow . B.O.B. in 16 mins.
FS: Weak blow . 1 - 2".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2155.28	112.62	Initial Hydro-static
4	42.75	111.84	Open To Flow (1)
33	189.14	133.63	Shut-In(1)
94	1593.91	130.73	End Shut-In(1)
95	186.40	129.74	Open To Flow (2)
154	363.75	136.16	Shut-In(2)
220	1591.74	134.18	End Shut-In(2)
223	2109.14	133.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
610.00	SW Rw .06 ohms @ 82 deg.	7.14
95.00	MW 20% m 80% w	1.33

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petl. Corp.
8080 E Central Ste. 300
Wichita KS 67206

Black-Fankhauser A#1-27

27-32s-8w Harper Ks.

Job Ticket: 21774

DST#: 2

ATTN: Tim Priest

Test Start: 2005.09.27 @ 09:59:23

Tool Information

Drill Pipe:	Length: 4310.00 ft	Diameter: 3.80 inches	Volume: 60.46 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: 155.00 ft	Diameter: 2.25 inches	Volume: 0.76 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 61.22 bbl</u>	Tool Chased 3.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	4453.00 ft			Final 69000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	42.00 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			4434.00	
Shut In Tool	5.00			4439.00	
Hydraulic tool	5.00			4444.00	
Packer	4.00			4448.00	20.00 Bottom Of Top Packer
Packer	5.00			4453.00	
Stubb	1.00			4454.00	
Recorder	0.00	6771	Inside	4454.00	
Perforations	16.00			4470.00	
Recorder	0.00	13222	Outside	4470.00	
Bullnose	5.00			4475.00	22.00 Bottom Packers & Anchor
Total Tool Length:	42.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petl. Corp.
8080 E Central Ste. 300
Wichita KS 67206

ATTN: Tim Priest

Black-Fankhauser A#1-27
27-32s-8w Harper Ks.
Job Ticket: 21774 **DST#: 2**
Test Start: 2005.09.27 @ 09:59:23

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:	121000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 11.17 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
610.00	SW Rw .06 ohms @ 82 deg.	7.145
95.00	MW 20% m 80% w	1.333

Total Length: 705.00 ft Total Volume: 8.478 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #: none
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time

