

TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corporation**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Scott Hampel

3 27 18 Kiowa KS

Belcher 'A' # 1-3

Start Date: 2007.01.04 @ 15:22:23

End Date: 2007.01.04 @ 23:31:38

Job Ticket #: 27132 DST #: 1

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CONFIDENTIAL

15-097-21603-0000

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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KANSAS CORPORATION COMMISSION

FEB 02 2007

CONSERVATION DIVISION
WICHITA, KS

McCoy Petroleum Corporation

Belcher 'A' # 1-3

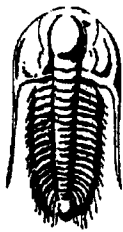
3 27 18 Kiowa KS

DST # 1

Miss.

2007.01.04

03-27-18W



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

McCoy Petroleum Corporation

8080 E Central Ste 300
Wichita KS 67206

ATTN: Scott Hampel

Belcher 'A' # 1-3

3 27 18 Kiowa KS

Job Ticket: 27132

DST#: 1

Test Start: 2007.01.04 @ 15:22:23

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:40:38

Time Test Ended: 23:31:38

Test Type: Conventional Bottom Hole

Tester: John Schmidt

Unit No: 31

Interval: **4740.00 ft (KB) To 4764.00 ft (KB) (TVD)**

Total Depth: **4764.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **2179.00 ft (KB)**

2168.00 ft (CF)

KB to GR/CF: **11.00 ft**

Serial #: 8018

Inside

Press@RunDepth: **63.31 psig @ 4741.00 ft (KB)**

Start Date: **2007.01.04**

End Date:

2007.01.04

Start Time: **15:22:28**

End Time:

23:31:37

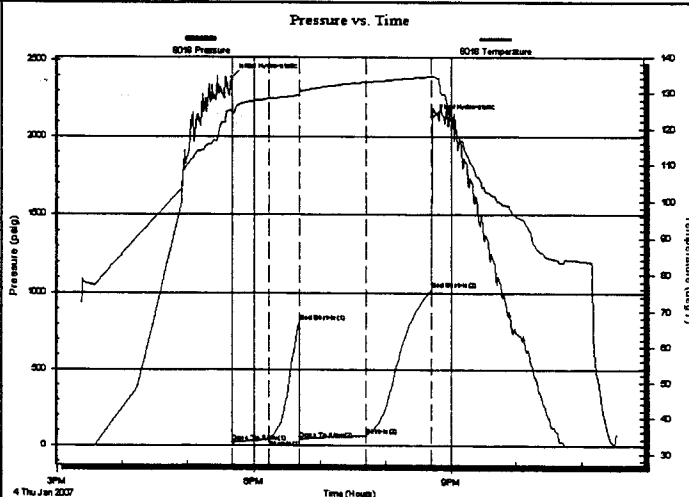
Capacity: **7000.00 psig**

Last Calib.: **2007.01.04**

Time On Btm: **2007.01.04 @ 17:40:23**

Time Off Btm: **2007.01.04 @ 20:42:23**

TEST COMMENT: IF Weak built to 2 "
ISI Dead
FF Weak built to 2 "
FSI Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2387.41	125.51	Initial Hydro-static
1	18.19	124.66	Open To Flow (1)
33	38.91	128.44	Shut-In (1)
61	810.29	129.31	End Shut-In (1)
61	38.31	130.00	Open To Flow (2)
121	63.31	133.00	Shut-In (2)
182	1025.14	134.56	End Shut-In (2)
182	2127.34	134.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	Oil stain Mud	0.39
0.00	160 Gas in pipe	0.00

Gas Rates

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

McCoy Petroleum Corporation

Belcher 'A' # 1-3

8080 E Central Ste 300
Wichita KS 67206

3 27 18 Kiowa KS

Job Ticket: 27132

DST#: 1

ATTN: Scott Hampel

Test Start: 2007.01.04 @ 15:22:23

Tool Information

Drill Pipe: Length: 4498.00 ft Diameter: 3.80 inches Volume: 63.10 bbl
Heavy Wt. Pipe: Length: 0.00 ft Diameter: 2.70 inches Volume: 0.00 bbl
Drill Collar: Length: 248.00 ft Diameter: 2.25 inches Volume: 1.22 bbl
Total Volume: 64.32 bbl

Drill Pipe Above KB: 29.00 ft

Depth to Top Packer: 4740.00 ft

Depth to Bottom Packer: ft

Interval between Packers: 24.00 ft

Tool Length: 47.00 ft

Number of Packers: 1 Diameter: 6.75 inches

Tool Comments:

Tool Weight: 2300.00 lb

Weight set on Packer: 20000.00 lb

Weight to Pull Loose: 74000.00 lb

Tool Chased 0.00 ft

String Weight: Initial 68000.00 lb

Final 68000.00 lb

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4718.00	
Shut In Tool	5.00			4723.00	
Hydraulic tool	5.00			4728.00	
Safety Joint	3.00			4731.00	
Packer	4.00			4735.00	23.00 Bottom Of Top Packer
Packer	5.00			4740.00	
Stubb	1.00			4741.00	
Recorder	0.00	8018	Inside	4741.00	
Perforations	20.00			4761.00	
Recorder	0.00	11084	Outside	4761.00	
Bullnose	3.00			4764.00	24.00 Bottom Packers & Anchor

Total Tool Length: 47.00

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FLUID SUMMARY

McCoy Petroleum Corporation

Belcher 'A' # 1-3

8080 E Central Ste 300
Wichita KS 67206

3 27 18 Kiowa KS

Job Ticket: 27132

DST#: 1

ATTN: Scott Hampel

Test Start: 2007.01.04 @ 15:22:23

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:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	Oil stain Mud	0.393
0.00	160 Gas in pipe	0.000

Total Length: 80.00 ft

Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

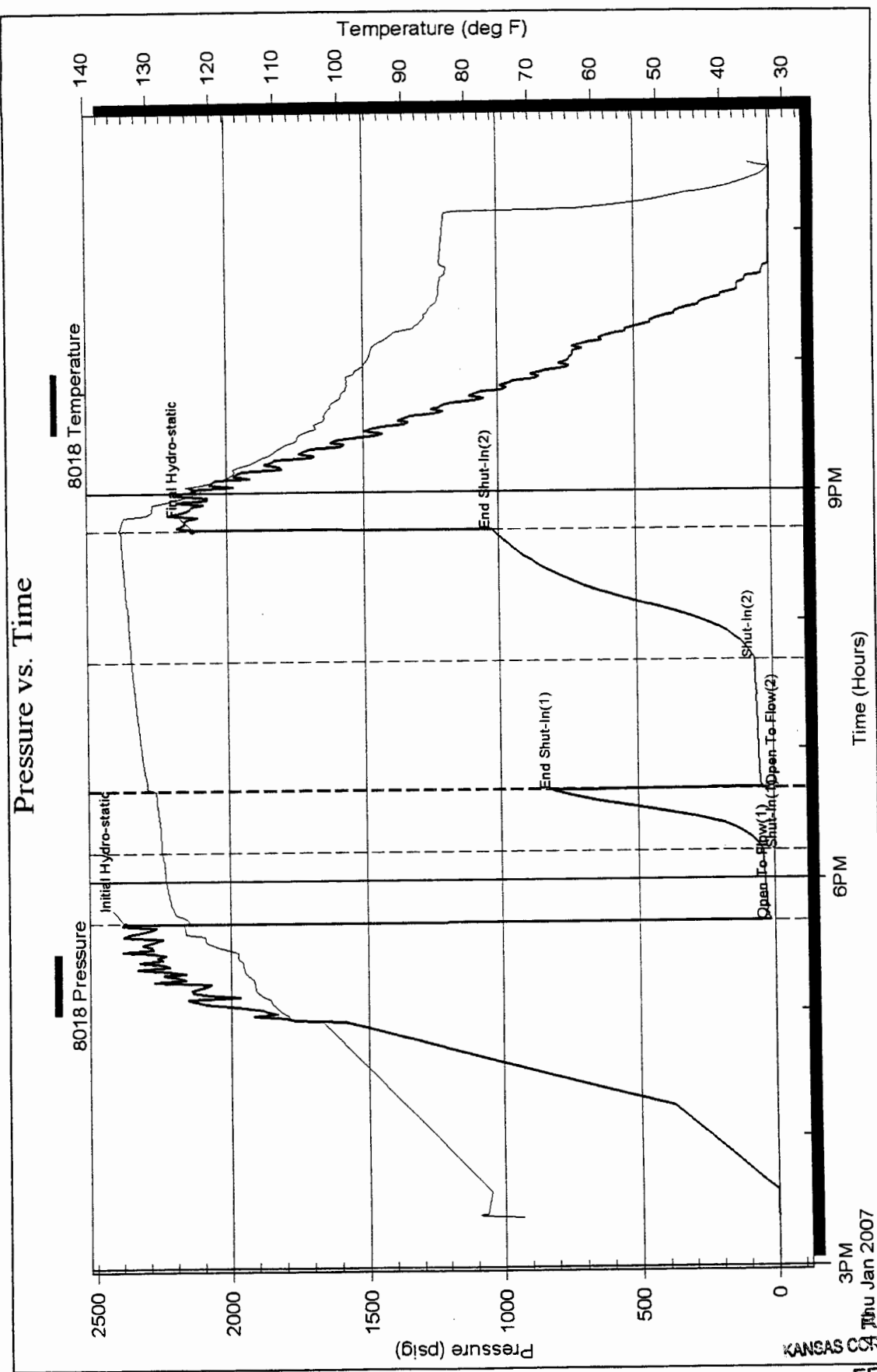
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



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