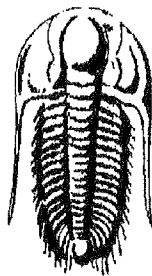


15-051-25733

17-12s-18w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

17 12S 18W Ellis KS

Sullivan Trust "A" #1-17

Start Date: 2008.02.16 @ 18:48:59

End Date: 2008.02.17 @ 03:05:53

Job Ticket #: 31628 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petroleum

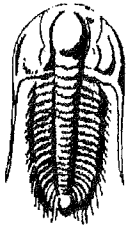
Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

DST # 1

Topeka

2008.02.16



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

McCoy Petroleum

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31628

DST#: 1

Test Start: 2008.02.16 @ 18:48:59

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:58:24

Time Test Ended: 03:05:53

Interval: **3400.00 ft (KB) To 3420.00 ft (KB) (TVD)**

Total Depth: 3420.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Reference Elevations: 2218.00 ft (KB)

2209.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8018 Inside

Press@RunDepth: 182.42 psig @ 3402.00 ft (KB)

Start Date: 2008.02.16

End Date: 2008.02.17

Start Time: 18:48:59

End Time: 03:05:53

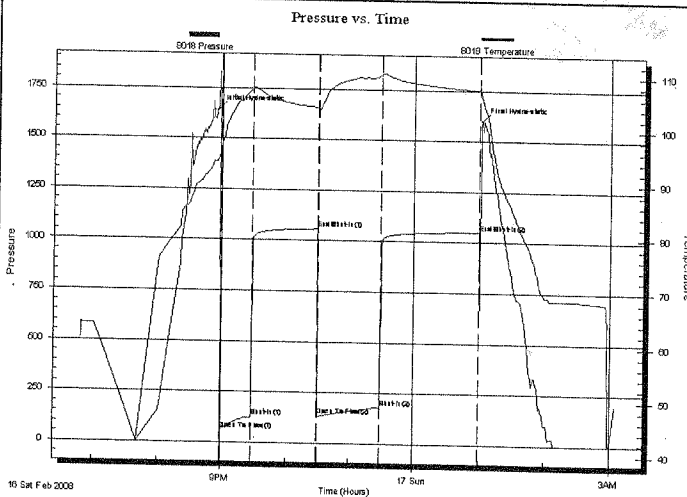
Capacity: 7000.00 psig

Last Calib.: 2008.02.17

Time On Btm: 2008.02.16 @ 20:55:54

Time Off Btm: 2008.02.17 @ 01:01:53

TEST COMMENT: IFP Weak to good blow 1/2" - 8 1/2"
ISI No blow back
FFP BOB 36 min.
FSI Sur blow back died 47 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1642.59	94.39	Initial Hydro-static
3	60.31	95.26	Open To Flow (1)
32	126.44	107.32	Shut-In (1)
94	1057.77	104.15	End Shut-In (1)
95	135.85	103.83	Open To Flow (2)
153	182.42	110.27	Shut-In (2)
244	1051.25	107.60	End Shut-In (2)
246	1601.61	105.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	MW 90%W 10%M	2.09
43.00	WOCM 10%O 3%W 87%M	0.60
2.00	OIL TSTM	0.03
0.00	120 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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31628

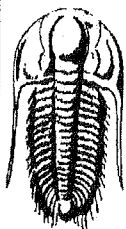
DST#: 1

Test Start: 2008.02.16 @ 18:48:59

Tool Information

Drill Pipe:	Length: 3158.00 ft	Diameter: 3.80 inches	Volume: 44.30 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: 25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 90000.00 lb
		Total Volume: 45.52 bbl		Tool Chased 15.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	3400.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	42.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				
Tool slid 15 ' to bottom				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3383.00	
Hydraulic tool	5.00			3388.00	
Safety Joint	2.00			3390.00	
Packer	5.00			3395.00	22.00 Bottom Of Top Packer
Packer	5.00			3400.00	
Stubb	1.00			3401.00	
Perforations	1.00			3402.00	
Recorder	0.00	8018	Inside	3402.00	
Recorder	0.00	6755	Inside	3402.00	
Perforations	15.00			3417.00	
Bullnose	3.00			3420.00	20.00 Bottom Packers & Anchor
Total Tool Length:		42.00			



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31628

DST#: 1

ATTN: Robert Hendrix

Test Start: 2008.02.16 @ 18:48:59

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.12 in³

Resistivity: ohm.m

Salinity: 1200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 40000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	MV 90%W 10%M	2.089
43.00	WOCM 10%O 3%W 87%M	0.603
2.00	OIL TSTM	0.028
0.00	120 GIP	0.000

Total Length: 355.00 ft

Total Volume: 2.720 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

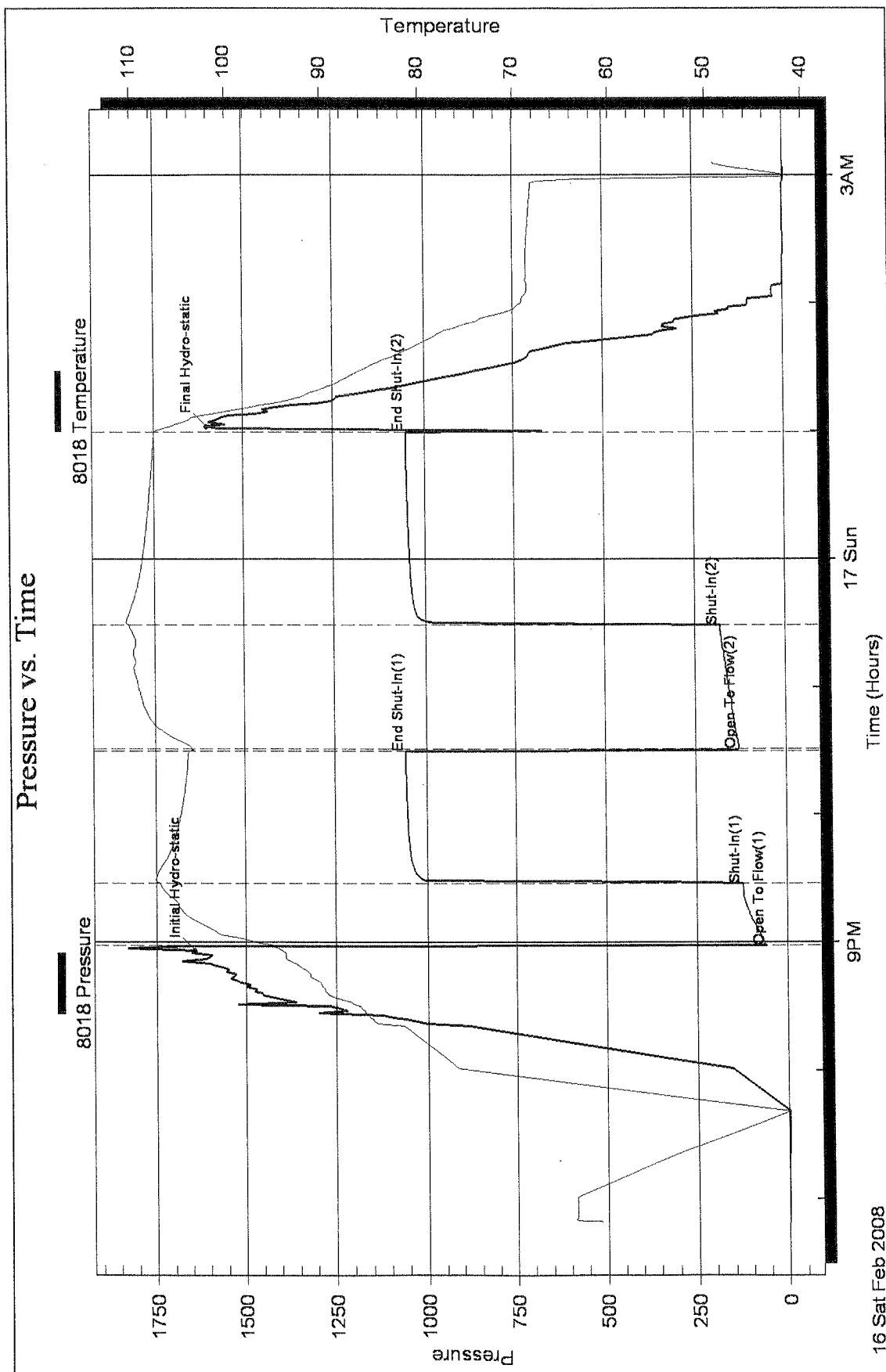
17 12S 18W Ellis KS

McCoy Petroleum

Inside

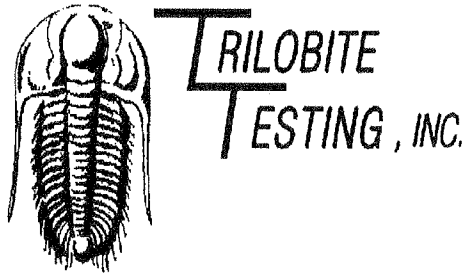
Serial #: 8018

Pressure vs. Time



Ref. No: 31628

Trilobite Testing, Inc



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

17 12S 18W Ellis KS

Sullivan Trust "A" #1-17

Start Date: 2008.02.17 @ 17:08:10

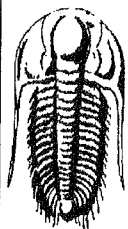
End Date: 2008.02.17 @ 22:48:40

Job Ticket #: 31629 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 Petroleum

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31629

DST#: 2

Test Start: 2008.02.17 @ 17:08:10

GENERAL INFORMATION:

Formation: **Toronto - Lansing "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:11:40

Time Test Ended: 22:48:40

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **3458.00 ft (KB) To 3510.00 ft (KB) (TVD)**

Total Depth: 3510.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2218.00 ft (KB)

2209.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: **8018**

Inside

Press@RunDepth: 23.14 psig @ 3464.00 ft (KB)

Start Date: 2008.02.17

End Date:

2008.02.17

Start Time: 17:08:15

End Time:

22:48:39

Capacity: 7000.00 psig

Last Calib.: 2008.02.17

Time On Btm: 2008.02.17 @ 19:10:40

Time Off Btm: 2008.02.17 @ 21:15:10

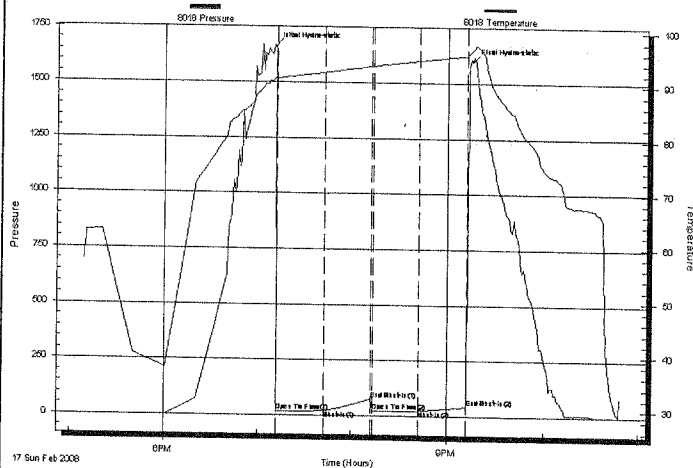
TEST COMMENT: IFP 1/2 " blow - died 26 min.

ISI No blow back

FFP No blow

FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

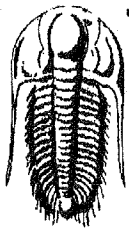
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1663.57	91.35	Initial Hydro-static
1	14.89	90.88	Open To Flow (1)
32	19.22	92.47	Shut-In(1)
62	74.85	93.64	End Shut-In(1)
63	21.38	93.67	Open To Flow (2)
92	23.14	94.72	Shut-In(2)
122	41.88	95.69	End Shut-In(2)
125	1597.50	96.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 5%O 95%M	0.05

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

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31629

DST#: 2

ATTN: Robert Hendrix

Test Start: 2008.02.17 @ 17:08:10

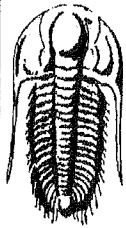
Tool Information

Drill Pipe:	Length: 3196.00 ft	Diameter: 3.80 inches	Volume: 44.83 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:	25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	46.05 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3458.00 ft			Final	55000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	52.00 ft				
Tool Length:	74.00 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			3441.00	
Hydraulic tool	5.00			3446.00	
Safety Joint	2.00			3448.00	
Packer	5.00			3453.00	22.00 Bottom Of Top Packer
Packer	5.00			3458.00	
Stubb	1.00			3459.00	
Perforations	4.00			3463.00	
Change Over Sub	1.00			3464.00	
Recorder	0.00	8018	Inside	3464.00	
Recorder	0.00	6755	Inside	3464.00	
Blank Spacing	32.00			3496.00	
Change Over Sub	1.00			3497.00	
Perforations	10.00			3507.00	
Bullnose	3.00			3510.00	52.00 Bottom Packers & Anchor

Total Tool Length: 74.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31629

DST#: 2

ATTN: Robert Hendrix

Test Start: 2008.02.17 @ 17:08:10

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.92 in³

Resistivity: ohm.m

Salinity: 1300.00 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:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	VSOCM 5%O 95%M	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

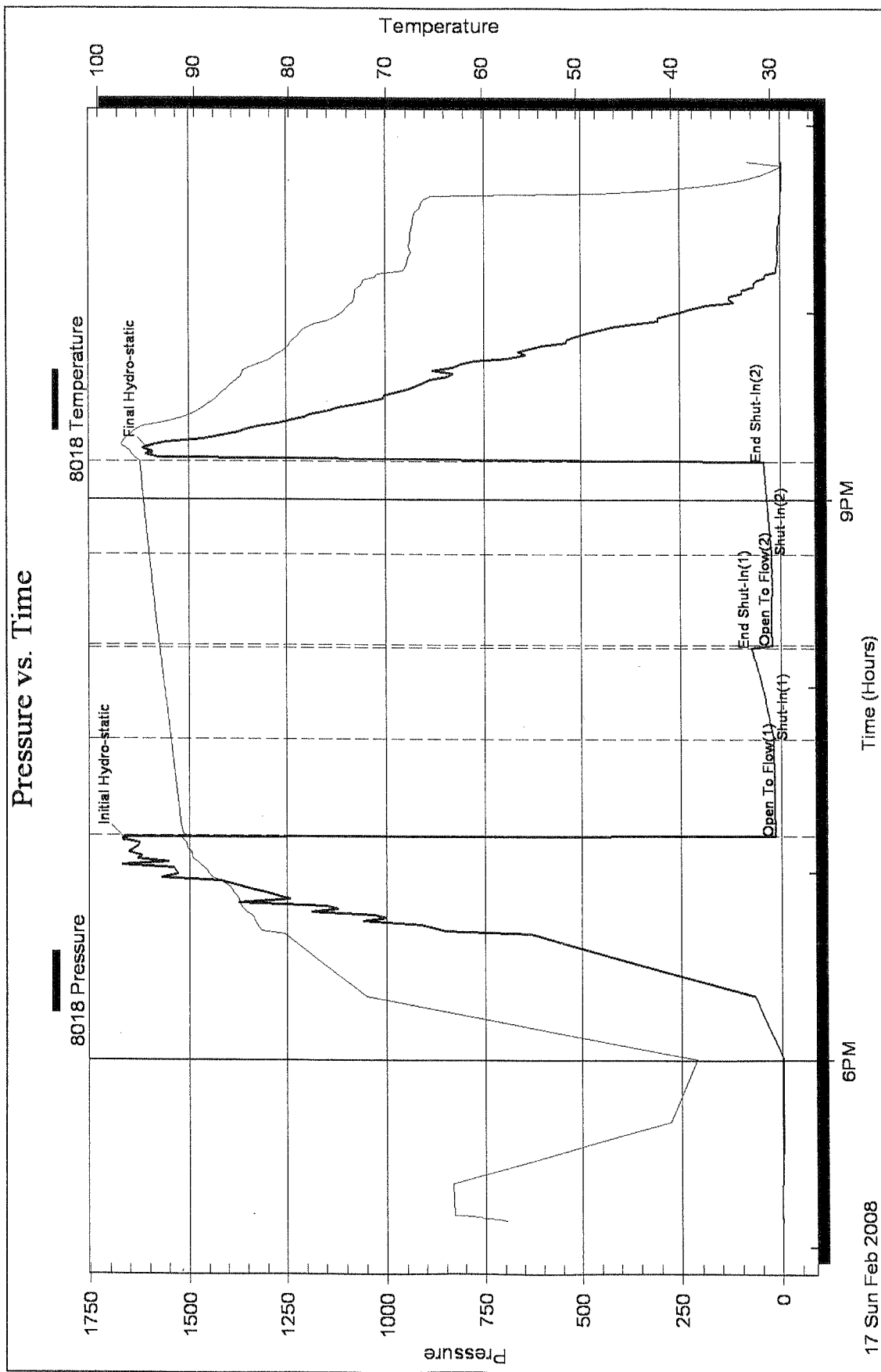
Serial #:

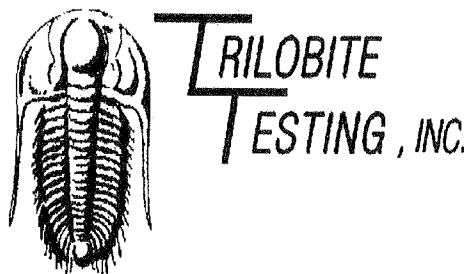
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

17 12S 18W Ellis KS

Sullivan Trust "A" #1-17

Start Date: 2008.02.18 @ 07:22:41

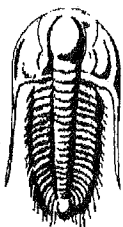
End Date: 2008.02.18 @ 16:04:36

Job Ticket #: 31630 DST #: 3

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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31630

DST#: 3

Test Start: 2008.02.18 @ 07:22:41

GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:05:36

Time Test Ended: 16:04:36

Interval: **3507.00 ft (KB) To 3543.00 ft (KB) (TVD)**

Total Depth: 3543.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Reference Elevations: 2218.00 ft (KB)

2209.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8018

Inside

Press@RunDepth: 456.10 psig @ 3515.00 ft (KB)

Start Date: 2008.02.18

End Date:

2008.02.18

Capacity: 7000.00 psig

Last Calib.: 2008.02.18

Start Time: 07:22:41

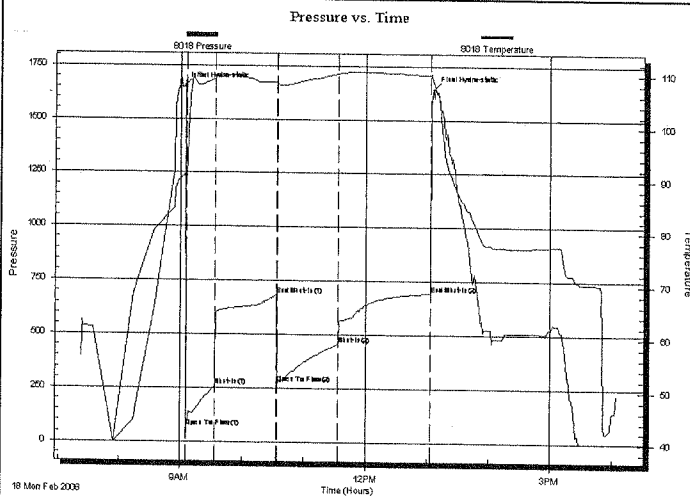
End Time:

16:04:36

Time On Btm: 2008.02.18 @ 09:02:36

Time Off Btm: 2008.02.18 @ 13:06:35

TEST COMMENT: IFP BOB 2 min.
ISI BOB 9 min.
FFP BOB 2 min.
FSI BOB 5 min. GTS



PRESSURE SUMMARY

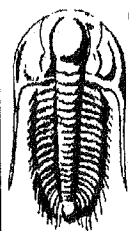
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.76	90.60	Initial Hydro-static
3	65.16	91.66	Open To Flow (1)
31	257.58	109.22	Shut-In (1)
91	684.15	108.55	End Shut-In (1)
92	273.38	108.39	Open To Flow (2)
151	456.10	110.22	Shut-In (2)
241	692.82	110.00	End Shut-In (2)
244	1639.85	108.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	G & W HOCM 5%G 30%O 15%W 50%M	0.59
935.00	REVERSED OUT	11.95
105.00	FREE OIL 97%O 3%M	1.47
0.00	GTS	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31630

DST#: 3

Test Start: 2008.02.18 @ 07:22:41

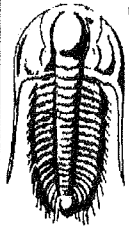
Tool Information

Drill Pipe:	Length: 3258.00 ft	Diameter: 3.80 inches	Volume: 45.70 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:	25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	70000.00 lb
		Total Volume:	46.92 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3507.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	36.00 ft				
Tool Length:	58.00 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			3490.00	
Hydraulic tool	5.00			3495.00	
Safety Joint	2.00			3497.00	
Packer	5.00			3502.00	22.00 Bottom Of Top Packer
Packer	5.00			3507.00	
Stubb	1.00			3508.00	
Perforations	7.00			3515.00	
Recorder	0.00	8018	Inside	3515.00	
Recorder	0.00	6755	Inside	3515.00	
Perforations	25.00			3540.00	
Bullnose	3.00			3543.00	36.00 Bottom Packers & Anchor

Total Tool Length: 58.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31630

DST#: 3

ATTN: Robert Hendrix

Test Start: 2008.02.18 @ 07:22:41

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 7.93 in³

Resistivity: ohm.m

Salinity: 1300.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

36 deg API

Water Salinity:

30000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	G & W HOOM 5%G 30%O 15%W 50%M	0.590
935.00	REVERSED OUT	11.950
105.00	FREE OIL 97%O 3%M	1.473
0.00	GTS	0.000

Total Length: 1160.00 ft

Total Volume: 14.013 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: GTS in FSI

DST Test Number: 3

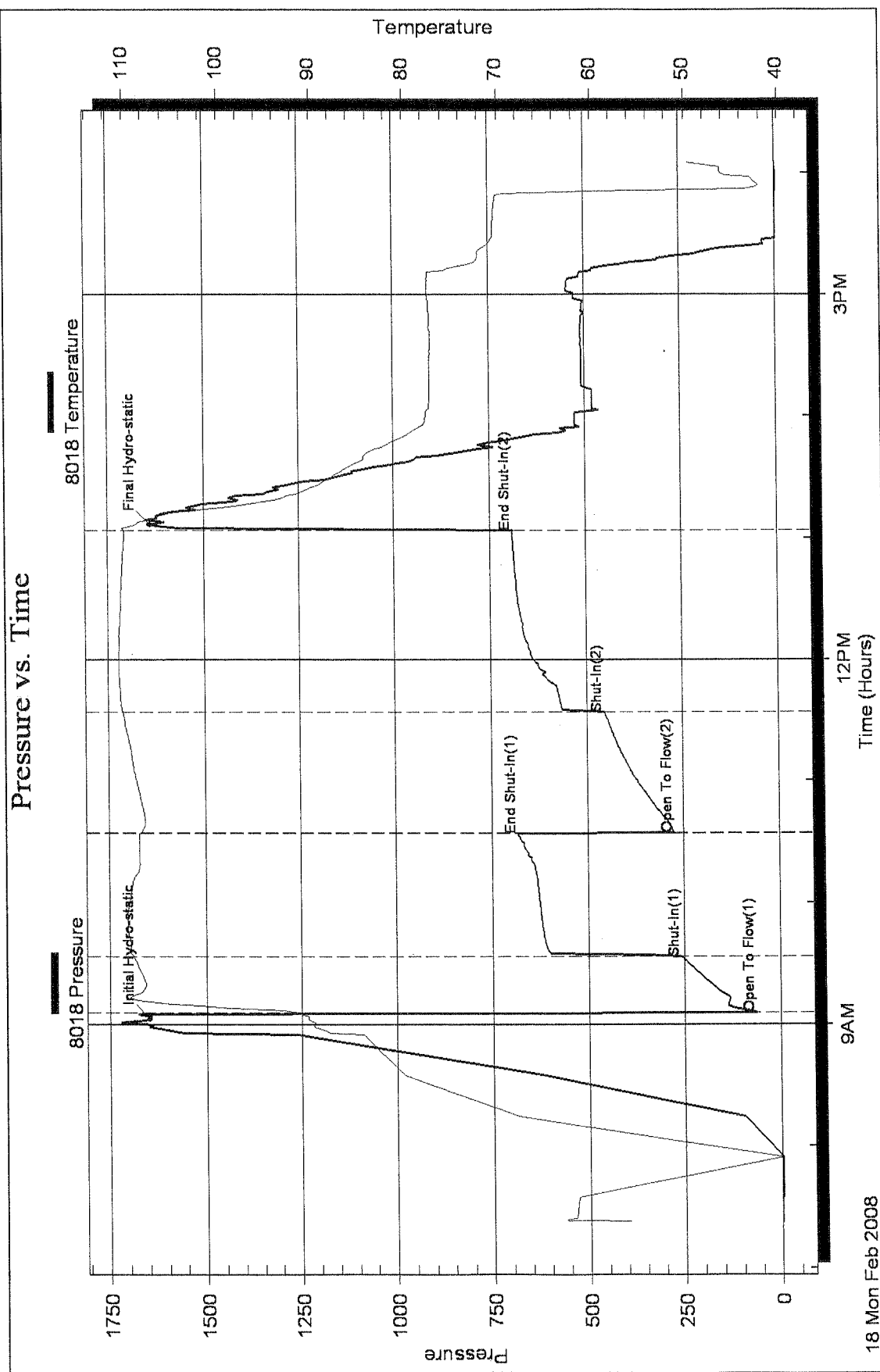
17 12S 18W Ellis KS

McCoy Petroleum

Inside

Serial #: 8018

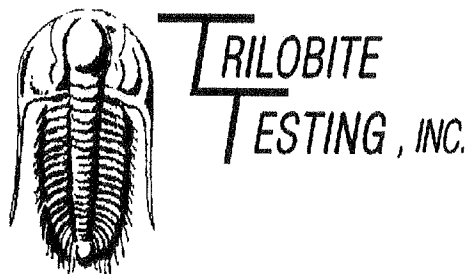
Pressure vs. Time



Ref. No: 31630

Trilobite Testing, Inc

Printed: 2008.02.22 @ 10:40:15 Page 5



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

17 12S 18W Ellis KS

Sullivan Trust "A" #1-17

Start Date: 2008.02.19 @ 04:07:01

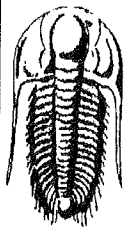
End Date: 2008.02.19 @ 13:02:56

Job Ticket #: 31631 DST #: 4

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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31631

DST#: 4

Test Start: 2008.02.19 @ 04:07:01

GENERAL INFORMATION:

Formation: LKC "C-G"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:12:56

Time Test Ended: 13:02:56

Interval: 3548.00 ft (KB) To 3620.00 ft (KB) (TVD)

Total Depth: 3620.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Reference Elevations: 2218.00 ft (KB)

2209.00 ft (CF)

KB to GRVCF: 9.00 ft

Serial #: 8018

Inside

Press@RunDepth: 564.84 psig @ 3553.00 ft (KB)

Start Date: 2008.02.19

End Date:

2008.02.19

Start Time: 04:07:01

End Time:

13:02:56

Capacity: 7000.00 psig

Last Calib.: 2008.02.19

Time On Btm: 2008.02.19 @ 06:09:26

Time Off Btm: 2008.02.19 @ 10:12:55

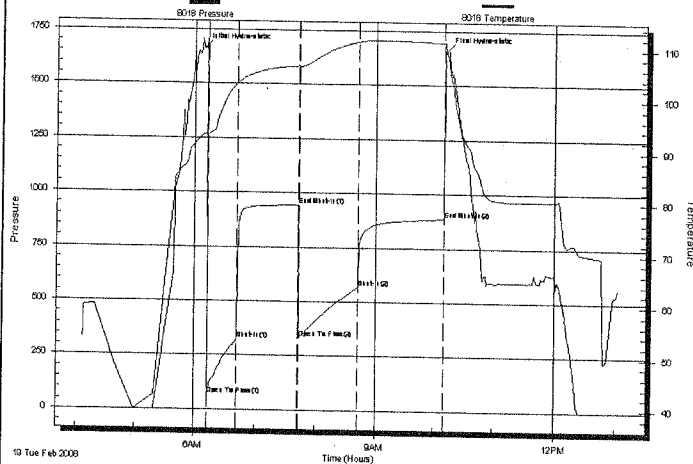
TEST COMMENT: IFP BOB 1 min.

ISI BOB 10 min.

FFP BOB 5 min.

FSI BOB 8 min.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1664.36	93.16	Initial Hydro-static
4	63.73	93.05	Open To Flow (1)
33	323.60	103.38	Shut-In (1)
94	941.78	106.52	End Shut-In (1)
94	331.61	106.38	Open To Flow (2)
153	564.84	111.27	Shut-In (2)
241	884.65	111.26	End Shut-In (2)
244	1659.38	108.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW 95%W 5%M	0.59
1120.00	REVERSED OUT	14.54
30.00	G FREE OIL 5%G 85%O 10%M	0.42
35.00	MCO 70%O 30%M	0.49
0.00	1860' 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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31631

DST#: 4

Test Start: 2008.02.19 @ 04:07:01

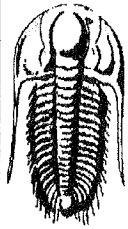
Tool Information

Drill Pipe:	Length: 3291.00 ft	Diameter: 3.80 inches	Volume: 46.16 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:	25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	47.38 bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	3548.00 ft			Final	60000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	72.00 ft				
Tool Length:	94.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					
Tool slid 2' to bottom					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3531.00	
Hydraulic tool	5.00			3536.00	
Safety Joint	2.00			3538.00	
Packer	5.00			3543.00	22.00 Bottom Of Top Packer
Packer	5.00			3548.00	
Stubb	1.00			3549.00	
Perforations	3.00			3552.00	
Change Over Sub	1.00			3553.00	
Recorder	0.00	8018	Inside	3553.00	
Recorder	0.00	6755	Inside	3553.00	
Blank Spacing	62.00			3615.00	
Change Over Sub	1.00			3616.00	
Perforations	1.00			3617.00	
Bullnose	3.00			3620.00	72.00 Bottom Packers & Anchor

Total Tool Length: 94.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31631

DST#: 4

ATTN: Robert Hendrix

Test Start: 2008.02.19 @ 04:07:01

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 58.00 sec/qt

Water Loss: 8.34 in³

Resistivity: ohm.m

Salinity: 1500.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

37 deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW 95%W 5%M	0.590
1120.00	REVERSED OUT	14.545
30.00	G FREE OIL 5%G 85%O 10%M	0.421
35.00	MCO 70%O 30%M	0.491
0.00	1860 ' GIP	0.000

Total Length: 1305.00 ft

Total Volume: 16.047 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

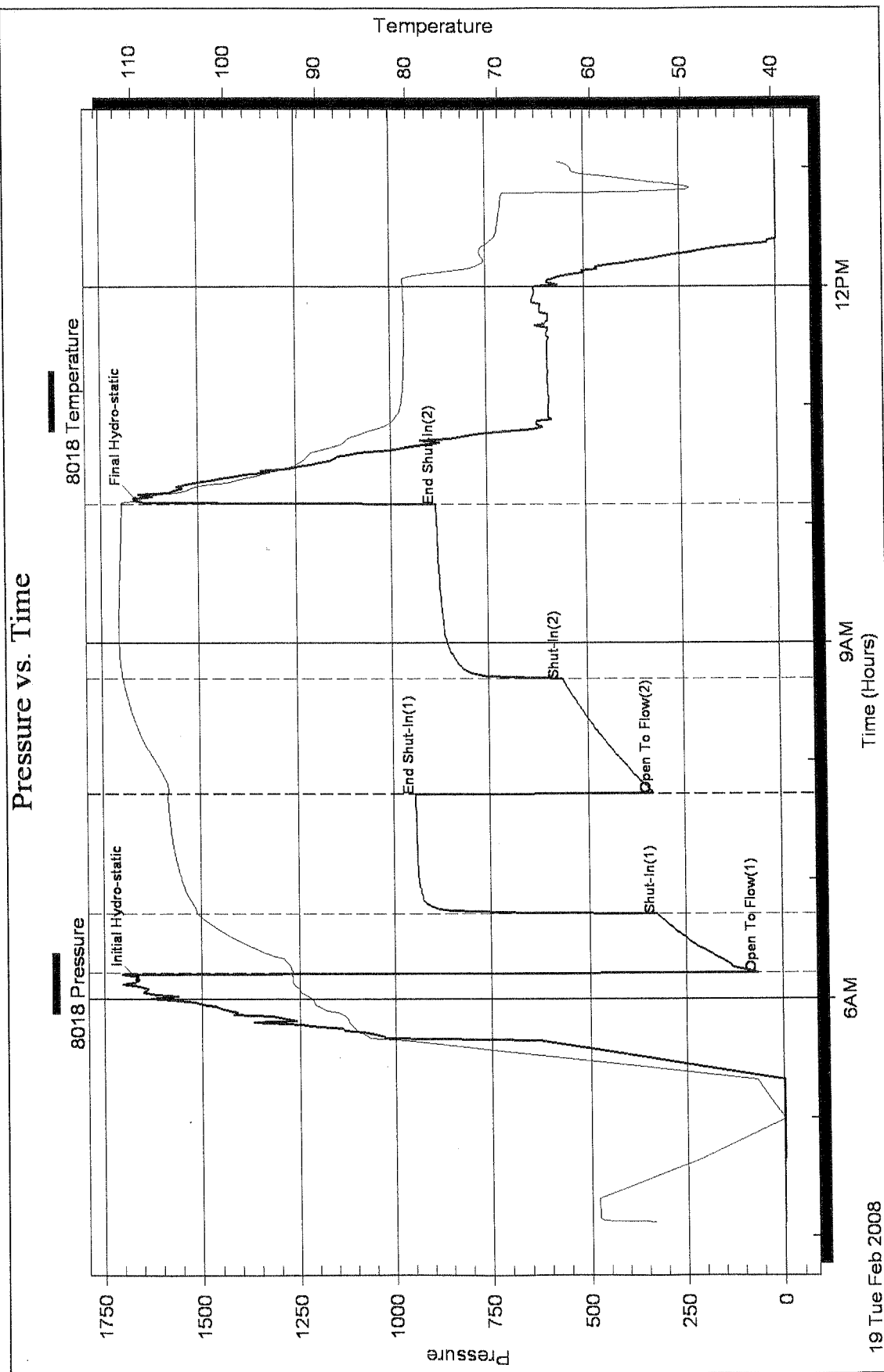
17 12S 18W Ellis KS

McCoy Petroleum

Inside

Serial #: 8018

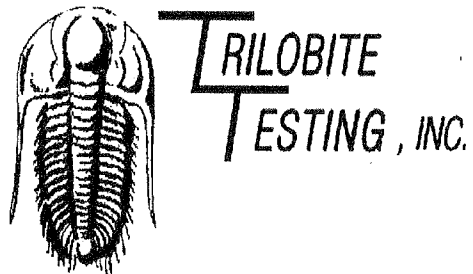
Pressure vs. Time



Ref. No: 31631

Trilobite Testing, Inc

Printed: 2008.02.22 @ 10:40:45 Page 5



DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

17 12S 18W Ellis KS

Sullivan Trust "A" #1-17

Start Date: 2008.02.20 @ 01:58:55

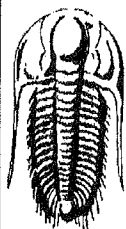
End Date: 2008.02.20 @ 09:27:55

Job Ticket #: 31780 DST #: 5

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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31780

DST#: 5

Test Start: 2008.02.20 @ 01:58:55

GENERAL INFORMATION:

Formation: **LKC "I-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:49:25

Time Test Ended: 09:27:55

Interval: **3642.00 ft (KB) To 3687.00 ft (KB) (TVD)**

Total Depth: 3687.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole

Tester: Kyle Kinderknecht

Unit No: 41

Reference Elevations: 2218.00 ft (KB)

2209.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8018

Inside

Press@RunDepth: 43.78 psig @ 3647.00 ft (KB)

Start Date: 2008.02.20

End Date:

2008.02.20

Start Time: 01:59:00

End Time:

09:27:54

Capacity: 7000.00 psig

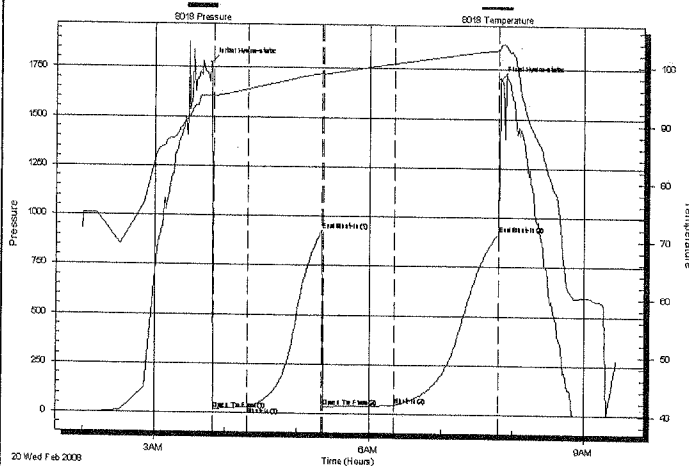
Last Calib.: 2008.02.20

Time On Btm: 2008.02.20 @ 03:47:55

Time Off Btm: 2008.02.20 @ 07:49:55

TEST COMMENT: IF Weak blow built to 1 1/2 "
FF Weak Surface started in 15 min

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1774.97	94.89	Initial Hydro-static
2	17.50	94.69	Open To Flow (1)
32	29.58	95.94	Shut-In (1)
93	928.30	98.76	End Shut-In (1)
94	32.90	98.57	Open To Flow (2)
152	43.78	100.49	Shut-In (2)
241	918.80	103.01	End Shut-In (2)
242	1700.73	103.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OcM 5%O 95%M	0.30

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

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31780

DST#: 5

ATTN: Robert Hendrix

Test Start: 2008.02.20 @ 01:58:55

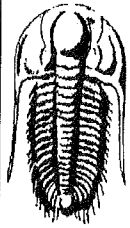
Tool Information

Drill Pipe:	Length: 3386.00 ft	Diameter: 3.80 inches	Volume: 47.50 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: 25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 65000.00 lb
		Total Volume: 48.72 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3642.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	67.00 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			3625.00	
Hydraulic tool	5.00			3630.00	
Safety Joint	2.00			3632.00	
Packer	5.00			3637.00	22.00 Bottom Of Top Packer
Packer	5.00			3642.00	
Stubb	1.00			3643.00	
Perforations	3.00			3646.00	
Change Over Sub	1.00			3647.00	
Recorder	0.00	8018	Inside	3647.00	
Recorder	0.00	6755	Inside	3647.00	
Blank Spacing	32.00			3679.00	
Change Over Sub	1.00			3680.00	
Perforations	4.00			3684.00	
Bullnose	3.00			3687.00	45.00 Bottom Packers & Anchor

Total Tool Length: 67.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31780

DST#: 5

ATTN: Robert Hendrix

Test Start: 2008.02.20 @ 01:58:55

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 7.12 in³

Resistivity: ohm.m

Salinity: 1200.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OcM 5%O 95%M	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

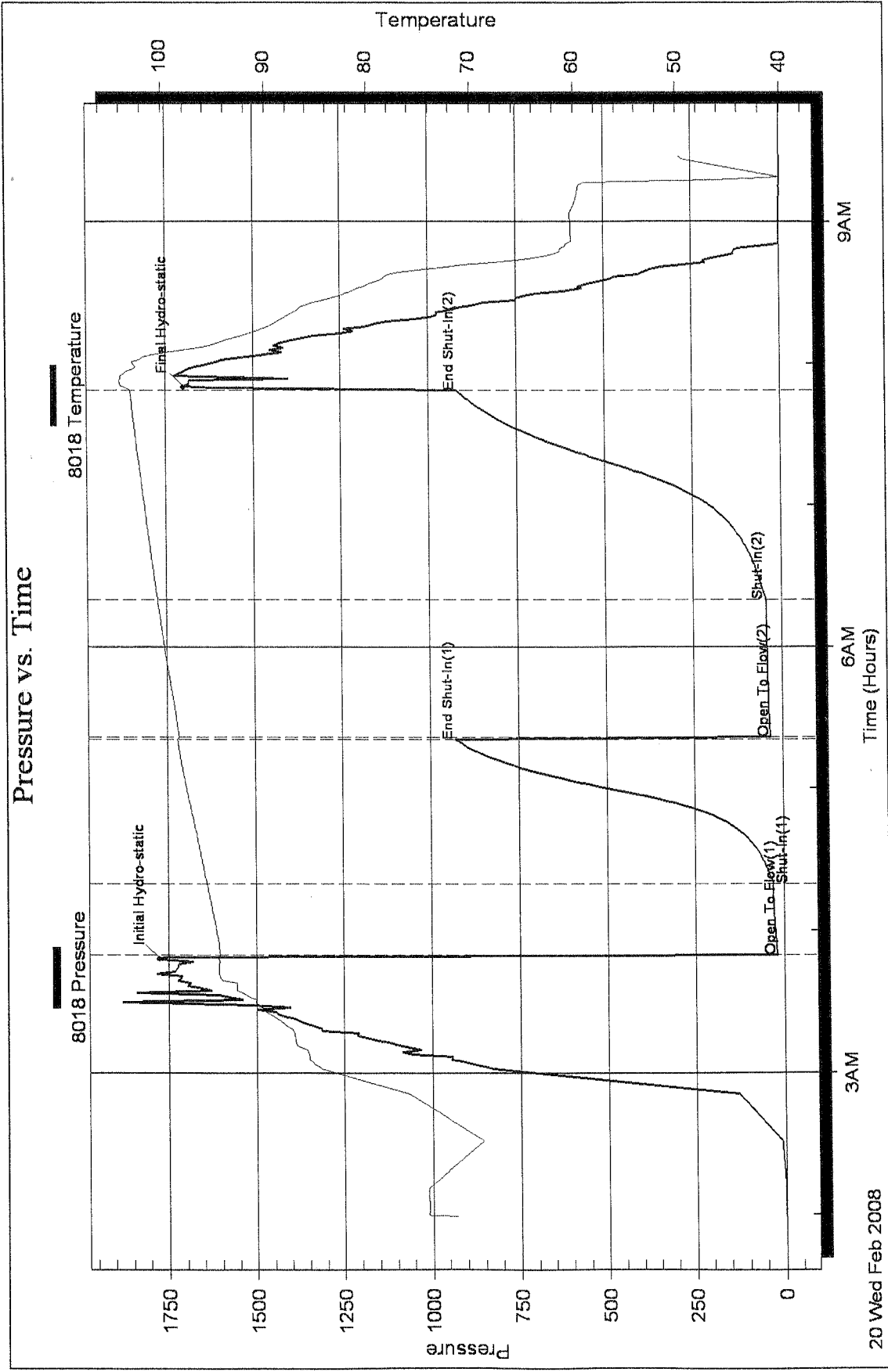
Num Gas Bombs: 0

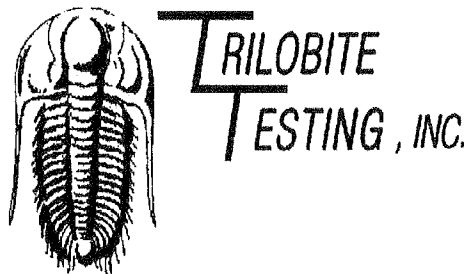
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum**

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

17 12S 18W Ellis KS

Sullivan Trust "A" #1-17

Start Date: 2008.02.21 @ 02:55:07

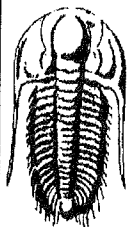
End Date: 2008.02.21 @ 11:12:37

Job Ticket #: 31781 DST #: 6

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

8080 E Central Ste 300
Wichita KS 67206

ATTN: Robert Hendrix

Sullivan Trust "A" #1-17

17 12S 18W Ellis KS

Job Ticket: 31781

DST#: 6

Test Start: 2008.02.21 @ 02:55:07

GENERAL INFORMATION:

Formation: **Cong.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:57:07

Time Test Ended: 11:12:37

Interval: **3771.00 ft (KB) To 3805.00 ft (KB) (TVD)**

Total Depth: 3805.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole

Tester: Kyle Kinderknecht

Unit No: 41

Reference Elevations: 2218.00 ft (KB)

2209.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 6755

Inside

Press@RunDepth: 260.79 psig @ 3773.00 ft (KB)

Start Date: 2008.02.21

End Date:

2008.02.21

Start Time: 02:55:12

End Time:

11:12:36

Capacity: 7000.00 psig

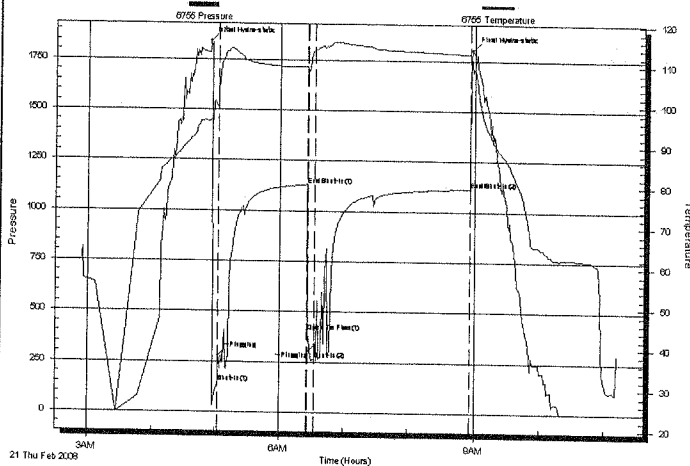
Last Calib.: 2008.02.21

Time On Btm: 2008.02.21 @ 04:54:37

Time Off Btm: 2008.02.21 @ 08:58:07

TEST COMMENT: IF BOB 5 min
FF BOB 4 min
FSI Weak Surface

Pressure vs. Time



PRESSURE SUMMARY

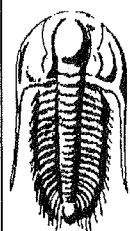
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1840.08	96.22	Initial Hydro-static
8	144.42	100.14	Shut-In(1)
8	276.99	103.45	--Plugging
92	1129.76	109.45	End Shut-In(1)
92	400.74	108.99	Open To Flow(1)
99	260.79	113.75	Shut-In(2)
99	338.38	113.88	--Plugging
242	1114.01	112.89	End Shut-In(2)
244	1805.48	108.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
280.00	HVYOcM 40%O 60%M	1.67
90.00	HVYOcM 65%O 35%M	1.26
160.00	HVYOcM 85%O 15%M	2.24
	TRACE GIP	

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31781

DST#: 6

ATTN: Robert Hendrix

Test Start: 2008.02.21 @ 02:55:07

Tool Information

Drill Pipe:	Length: 3512.00 ft	Diameter: 3.80 inches	Volume: 49.26 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: 25000.00 lb
Drill Collar:	Length: 248.00 ft	Diameter: 2.25 inches	Volume: 1.22 bbl	Weight to Pull Loose: 62000.00 lb
		Total Volume:	50.48 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	3771.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	56.00 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			3754.00	
Hydraulic tool	5.00			3759.00	
Safety Joint	2.00			3761.00	
Packer	5.00			3766.00	22.00 Bottom Of Top Packer
Packer	5.00			3771.00	
Stubb	1.00			3772.00	
Perforations	1.00			3773.00	
Recorder	0.00	8018	Inside	3773.00	
Recorder	0.00	6755	Inside	3773.00	
Perforations	29.00			3802.00	
Bullnose	3.00			3805.00	34.00 Bottom Packers & Anchor

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum

Sullivan Trust "A" #1-17

8080 E Central Ste 300
Wichita KS 67206

17 12S 18W Ellis KS

Job Ticket: 31781

DST#: 6

ATTN: Robert Hendrix

Test Start: 2008.02.21 @ 02:55:07

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 53.00 sec/qt

Water Loss: in³

Resistivity: 2000.00 ohm.m

Salinity: 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
280.00	HVYOcM 40%O 60%M	1.668
90.00	HVYOcM 65%O 35%M	1.262
160.00	HVYOcM 85%O 15%M	2.244
	TRACE GIP	

Total Length: -999469.00 ft

Total Volume: 5.174 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 6

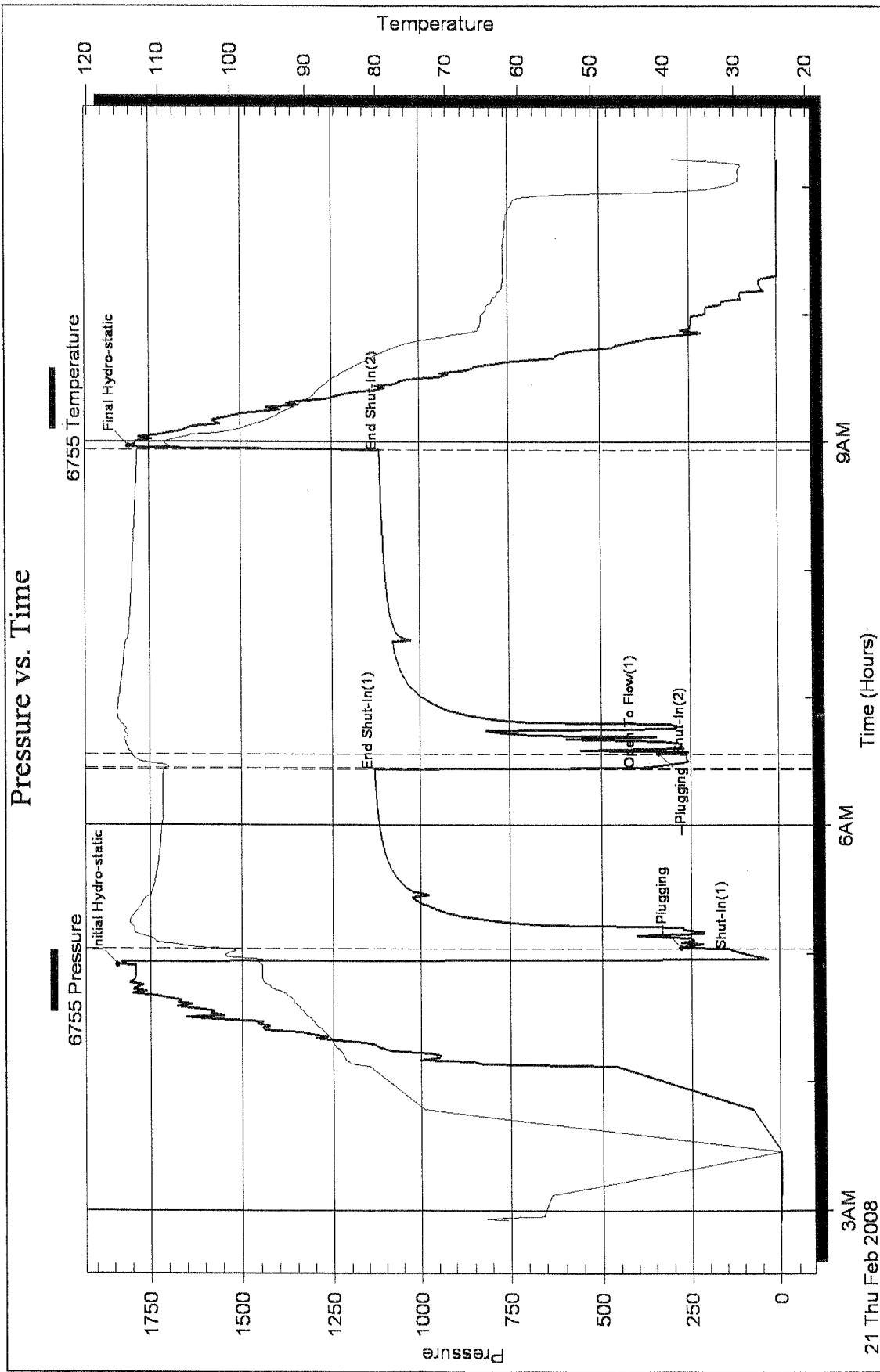
17 12S 18W Ellis KS

McCoy Petroleum

Inside

Serial #: 6755

Pressure vs. Time



Ref. No: 31781

Trilobite Testing, Inc