

**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central  
Suite 300  
Wichita Ks 67206

ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.14 @ 17:47:52

End Date: 2004.09.15 @ 08:27:21

Job Ticket #: 18507                      DST #: 1

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

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**NOV 18 2004**  
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**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

McCoy Petroleum Corp  
8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

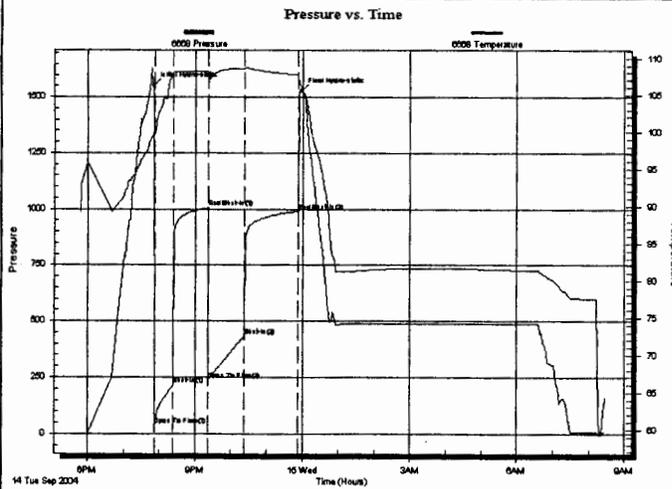
**Foster Trust A#1-34**  
**34-11s-18w Ellis Ks**  
Job Ticket: 18507      **DST#: 1**  
Test Start: 2004.09.14 @ 17:47:52

### GENERAL INFORMATION:

Formation: **Topeka**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 19:52:21  
Time Test Ended: 08:27:21  
Interval: **3238.00 ft (KB) To 3270.00 ft (KB) (TVD)**  
Total Depth: **3270.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition: **Poor**  
Test Type: **Conventional Bottom Hole**  
Tester: **Ray Schwager**  
Unit No: **28**  
Reference Elevations: **2079.00 ft (KB)**  
**2074.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 6668**      **Inside**  
Press@RunDepth: **434.47 psig @ 3239.01 ft (KB)**  
Capacity: **7000.00 psig**  
Start Date: **2004.09.14**      End Date: **2004.09.15**  
Last Calib.: **2004.09.15**  
Start Time: **17:47:52**      End Time: **08:27:21**  
Time On Btm: **2004.09.14 @ 19:49:51**  
Time Off Btm: **2004.09.14 @ 23:56:51**

TEST COMMENT: FFP-strg bl in 2 min  
FFP-strg bl in 3 min  
ISP- 2"bl bk FSIP- 1"bl bk  
Times 30-60-60-90



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.14	99.64	Initial Hydro-static
3	39.58	99.56	Open To Flow (1)
33	217.38	107.93	Shut-In(1)
92	1005.50	108.22	End Shut-In(1)
93	239.49	107.96	Open To Flow (2)
154	434.47	108.60	Shut-In(2)
243	990.48	107.74	End Shut-In(2)
247	1526.87	106.30	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
210.00	SOCW 3%oil 97%w ater RW.12@63F	1.31
90.00	MGO 15%gas 70%oil 15%mud	1.26
754.00	CO	10.58

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central

34-11s-18w Ellis Ks

Suite 300

Job Ticket: 18507

DST#: 1

Wichita Ks 67206

ATTN: Scott Hampel

Test Start: 2004.09.14 @ 17:47:52

### Tool Information

Drill Pipe:	Length: 3054.00 ft	Diameter: 3.80 inches	Volume: 42.84 bbl	Tool Weight: 2200.00 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: 50000.00 lb
			<u>Total Volume: 43.73 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3238.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.02 ft			
Tool Length:	53.02 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			3218.00	
Shut In Tool	5.00			3223.00	
Hydraulic tool	5.00			3228.00	
Packer	5.00			3233.00	21.00 Bottom Of Top Packer
Packer	5.00			3238.00	
Stubb	1.00			3239.00	
Recorder	0.01	6668	Inside	3239.01	
Perforations	28.00			3267.01	
Recorder	0.01	13534	Outside	3267.02	
Bullnose	3.00			3270.02	32.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>53.02</b>				



**TRILOBITE**  
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# DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

34-11s-18w Ellis Ks  
Job Ticket: 18507      DST#: 1  
Test Start: 2004.09.14 @ 17:47:52

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 73000 ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.23 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 4500.00 ppm		
Filter Cake: 2.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	SOCW 3%oil 97%water RW.12@63F	1.306
90.00	MGO 15%gas 70%oil 15%mud	1.262
754.00	CO	10.577

Total Length: 1054.00 ft      Total Volume: 13.145 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 6668

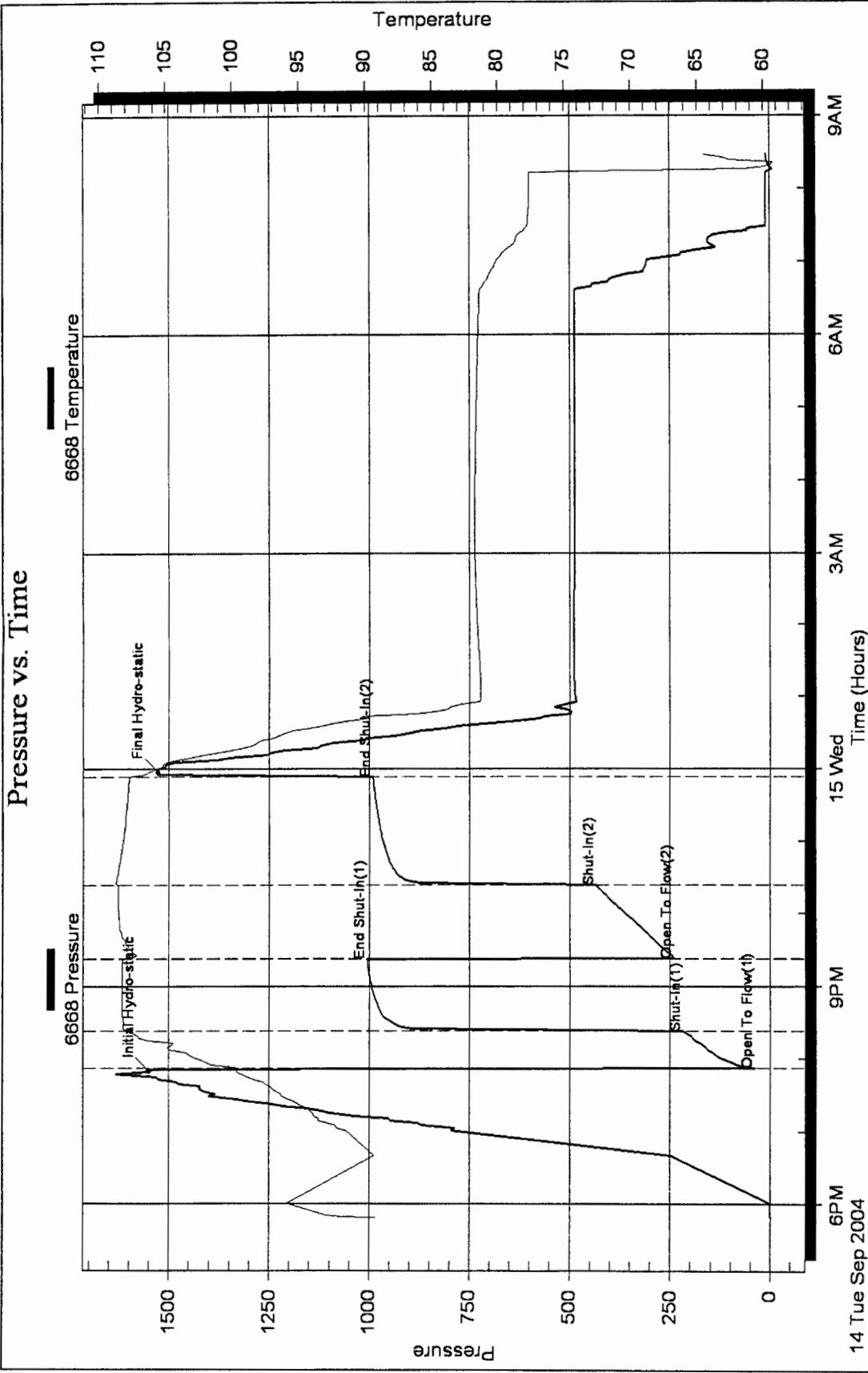
Inside

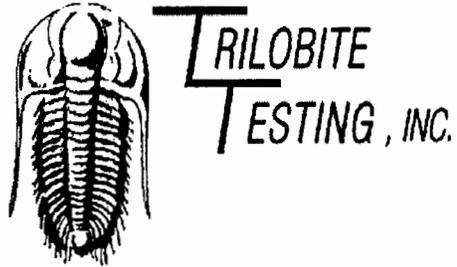
McCoy Petroleum Corp

34-11s-18w Ellis Ks

DST Test Number: 1

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central  
Suite 300  
Wichita Ks 67206

ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.15 @ 19:19:21

End Date: 2004.09.16 @ 02:45:50

Job Ticket #: 18508                      DST #: 2

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

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# DRILL STEM TEST REPORT

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**34-11s-18w Ellis Ks**  
Job Ticket: 18508      **DST#: 2**  
Test Start: 2004.09.15 @ 19:19:21

## GENERAL INFORMATION:

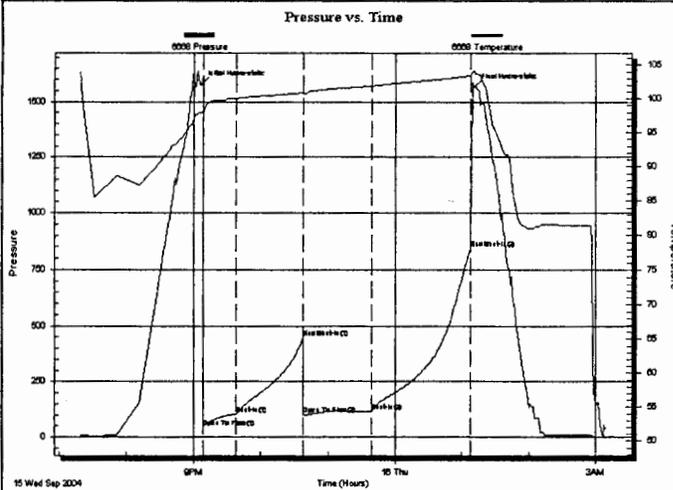
Formation: **Toronto-LKC "A"**  
 Deviated: **No** Whipstock: **ft (KB)**      Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **21:08:50**      Tester: **Ray Schwager**  
 Time Test Ended: **02:45:50**      Unit No: **28**  
 Interval: **3285.00 ft (KB) To 3358.00 ft (KB) (TVD)**      Reference Elevations: **2079.00 ft (KB)**  
 Total Depth: **3358.00 ft (KB) (TVD)**      **2074.00 ft (CF)**  
 Hole Diameter: **7.85 inches** Hole Condition: **Poor**      **KB to GR/CF: 5.00 ft**

## Serial #: 6668

Inside

Press@RunDepth: **117.00 psig @ 3294.01 ft (KB)**      Capacity: **7000.00 psig**  
 Start Date: **2004.09.15**      End Date: **2004.09.16**      Last Calib.: **2004.09.16**  
 Start Time: **19:19:21**      End Time: **03:08:50**      Time On Btrn: **2004.09.15 @ 21:06:50**  
 Time Off Btrn: **2004.09.16 @ 01:10:50**

TEST COMMENT: **FFP-w k to strg in 6 min**  
**FFP-w k to strg in 13 min**  
**ISIP-1/4"bl bk FSIP-1/4"bl bk**  
**Times 30-60-60-120**



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1577.86	98.01	Initial Hydro-static
2	44.23	97.85	Open To Flow (1)
32	101.61	100.07	Shut-In(1)
91	447.83	100.88	End Shut-In(1)
92	103.06	100.77	Open To Flow (2)
152	117.00	101.87	Shut-In(2)
242	844.93	103.40	End Shut-In(2)
244	1567.05	104.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
180.00	GMO 40%gas 50%oil 10%mud	0.89
80.00	MGO 20%gas 50%oil 30%mud	1.12
0.00	540' GIP	0.00

## Gas Rates

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



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TOOL DIAGRAM

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**34-11s-18w Ellis Ks**  
Job Ticket: 18508      **DST#: 2**  
Test Start: 2004.09.15 @ 19:19:21

## Tool Information

Drill Pipe:	Length: 3115.00 ft	Diameter: 3.80 inches	Volume: 43.70 bbl	Tool Weight: 2200.00 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: 50000.00 lb
			<u>Total Volume: 44.59 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3285.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	73.02 ft			
Tool Length:	94.02 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			3265.00	
Shut In Tool	5.00			3270.00	
Hydraulic tool	5.00			3275.00	
Packer	5.00			3280.00	21.00 Bottom Of Top Packer
Packer	5.00			3285.00	
Stubb	1.00			3286.00	
Perforations	7.00			3293.00	
Change Over Sub	1.00			3294.00	
Recorder	0.01	6668	Inside	3294.01	
Blank Spacing	31.00			3325.01	
Change Over Sub	1.00			3326.01	
Perforations	29.00			3355.01	
Recorder	0.01	13534	Outside	3355.02	
Bullnose	3.00			3358.02	73.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>94.02</b>				



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ATTN: Scott Hampel

**Foster Trust A#1-34**  
**34-11s-18w Ellis Ks**  
Job Ticket: 18508      **DST#: 2**  
Test Start: 2004.09.15 @ 19:19:21

## 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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.21 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	GMO 40%gas 50%oil 10%mud	0.885
80.00	MGO 20%gas 50%oil 30%mud	1.122
0.00	540' GIP	0.000

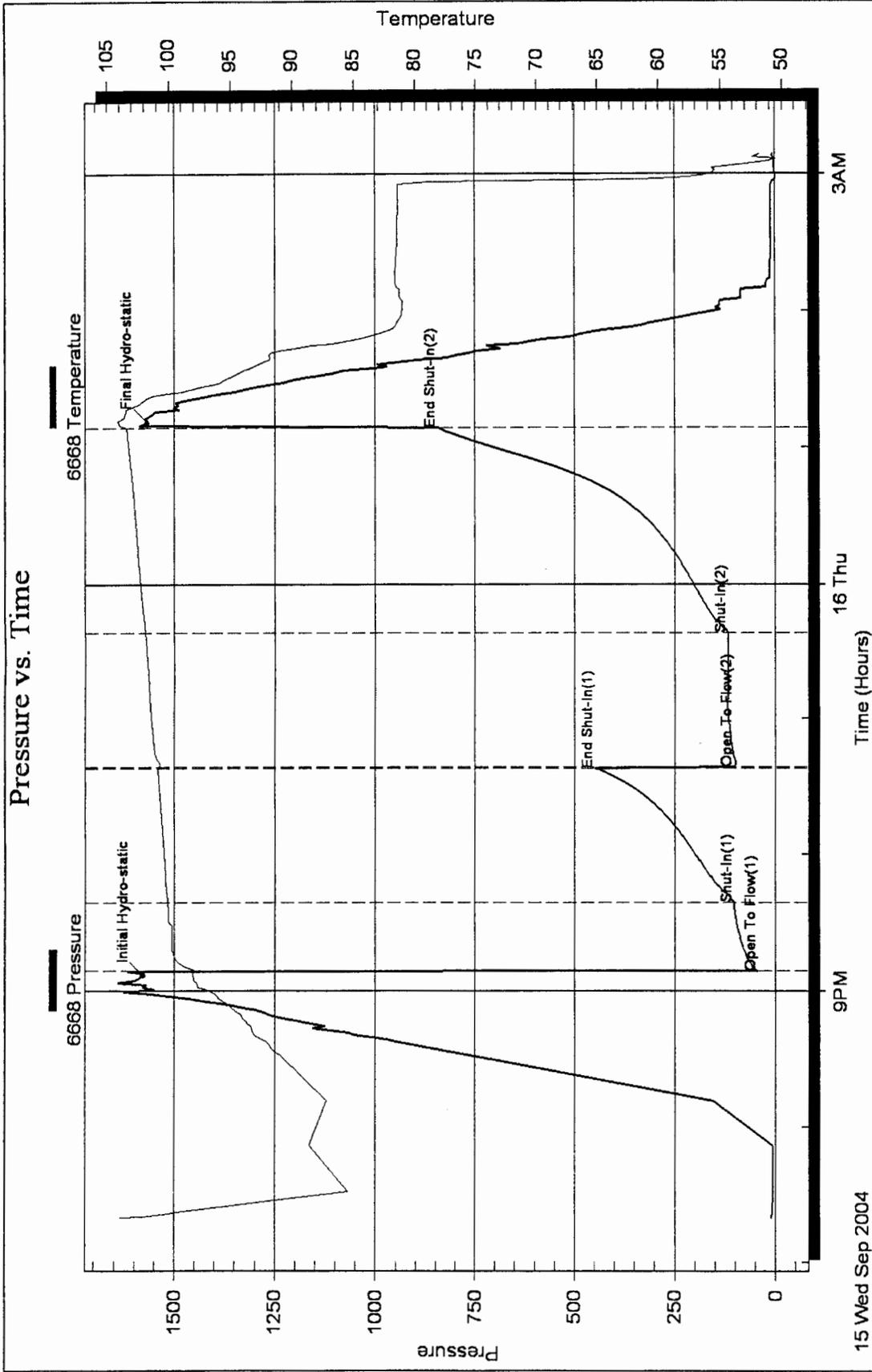
Total Length: 260.00 ft      Total Volume: 2.007 bbl

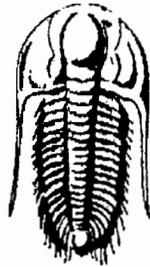
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

### Pressure vs. Time





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ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.16 @ 08:45:27

End Date: 2004.09.16 @ 16:01:26

Job Ticket #: 18509                      DST #: 3

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# DRILL STEM TEST REPORT

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8080 E Central  
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ATTN: Scott Hampel

34-11s-18w Ellis Ks  
Job Ticket: 18509      DST#: 3  
Test Start: 2004.09.16 @ 08:45:27

## GENERAL INFORMATION:

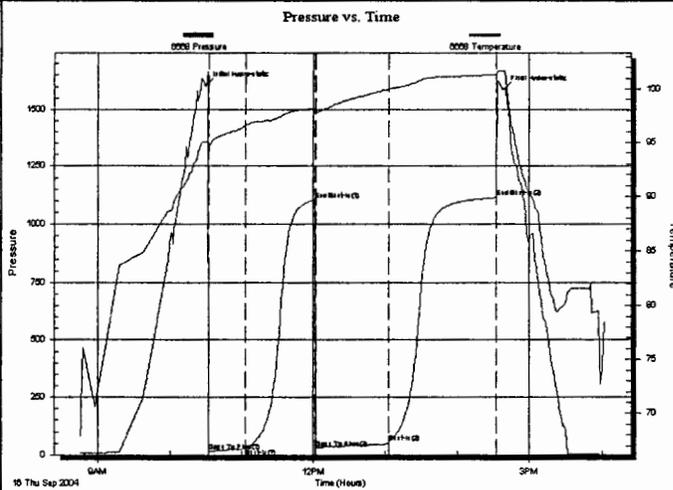
Formation: **LKC "B"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:32:26  
 Time Test Ended: 16:01:26  
 Interval: **3338.00 ft (KB) To 3375.00 ft (KB) (TVD)**  
 Total Depth: 3375.00 ft (KB) (TVD)  
 Hole Diameter: 7.85 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole  
 Tester: Ray Schwager  
 Unit No: 28  
 Reference Elevations: 2079.00 ft (KB)  
 2074.00 ft (CF)  
 KB to GR/CF: 5.00 ft

## Serial #: 6668

Inside

Press@RunDepth: 51.66 psig @ 3339.01 ft (KB) Capacity: 7000.00 psig  
 Start Date: 2004.09.16 End Date: 2004.09.16 Last Calib.: 2004.09.16  
 Start Time: 08:45:27 End Time: 16:01:26 Time On Btmr: 2004.09.16 @ 10:29:56  
 Time Off Btmr: 2004.09.16 @ 14:38:26

TEST COMMENT: IFF-w k bl thru-out 1/4" to 1" bl  
 FFP-w k bl thru-out 1/2" bl to 3" bl  
 ISIP-no bl FSIP-surface bl  
 Times 30-60-60-120



## PRESSURE SUMMARY

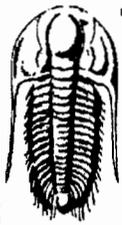
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1606.53	95.00	Initial Hydro-static
3	16.79	94.96	Open To Flow (1)
33	26.62	96.58	Shut-In (1)
92	1105.24	98.19	End Shut-In (1)
93	29.25	97.87	Open To Flow (2)
153	51.66	99.99	Shut-In (2)
243	1114.45	101.35	End Shut-In (2)
249	1589.30	101.68	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
25.00	O&GCM 20% gas 10% oil 70% mud	0.12
40.00	GMO 45% gas 30% oil 25% mud	0.20
0.00	60' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**34-11s-18w Ellis Ks**  
Job Ticket: 18509      **DST#: 3**  
Test Start: 2004.09.16 @ 08:45:27

### Tool Information

Drill Pipe:	Length: 3147.00 ft	Diameter: 3.80 inches	Volume: 44.14 bbl	Tool Weight: 2200.00 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: 55000.00 lb
			<u>Total Volume: 45.03 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3338.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.02 ft			
Tool Length:	58.02 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			3318.00	
Shut In Tool	5.00			3323.00	
Hydraulic tool	5.00			3328.00	
Packer	5.00			3333.00	21.00 Bottom Of Top Packer
Packer	5.00			3338.00	
Stubb	1.00			3339.00	
Recorder	0.01	6668	Inside	3339.01	
Perforations	33.00			3372.01	
Recorder	0.01	13534	Outside	3372.02	
Bullnose	3.00			3375.02	37.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>58.02</b>				



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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

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ATTN: Scott Hampel

**Foster Trust A#1-34**  
**34-11s-18w Ellis Ks**  
Job Ticket: 18509      DST#: 3  
Test Start: 2004.09.16 @ 08:45:27

**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: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.22 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7400.00 ppm			
Filter Cake: 2.00 inches			

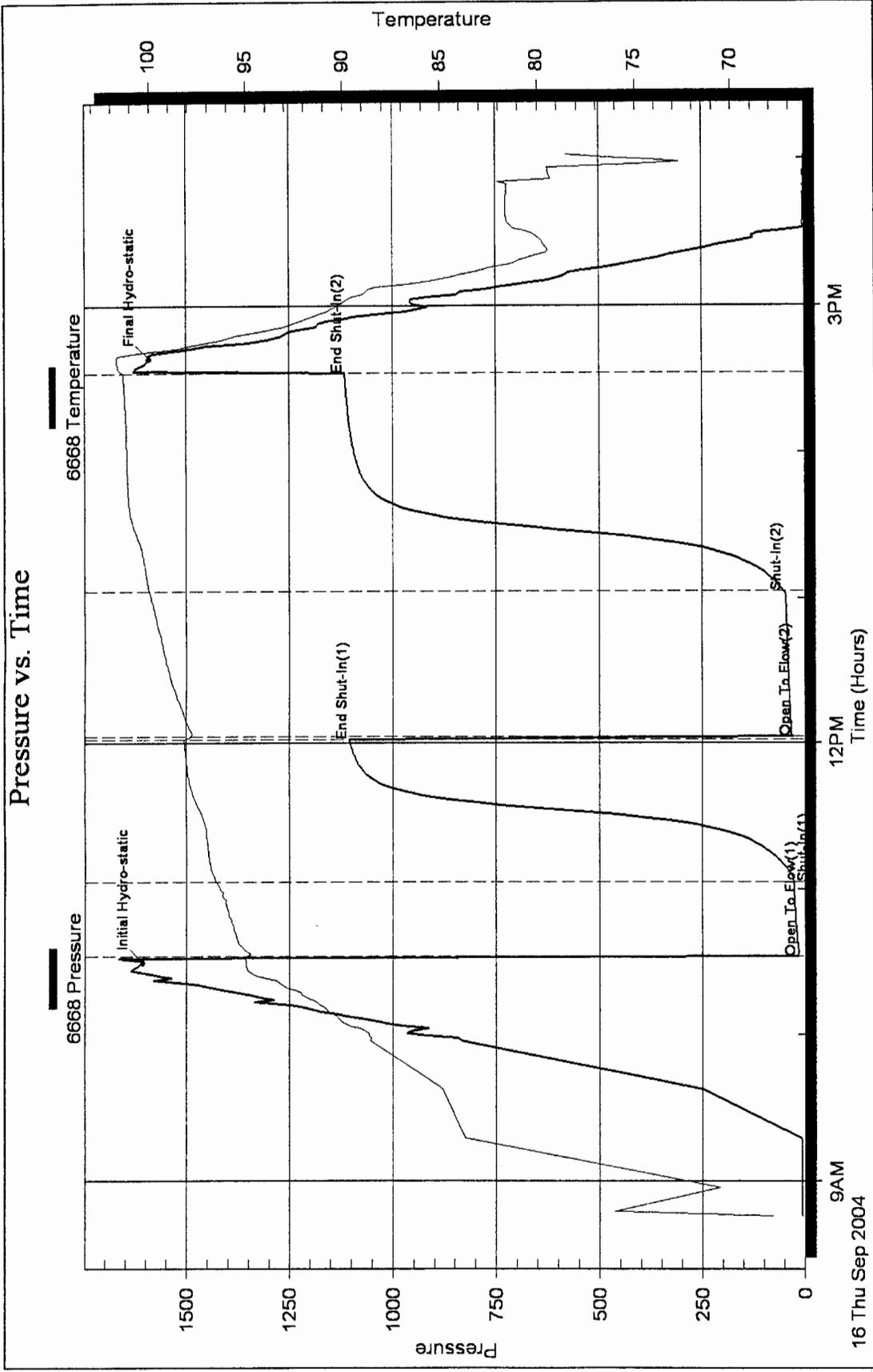
**Recovery Information**

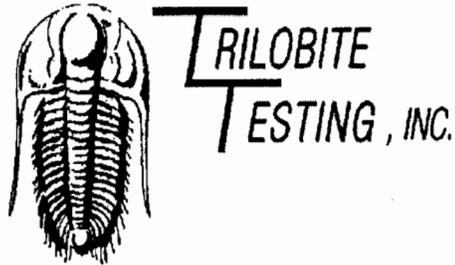
Recovery Table

Length ft	Description	Volume bbl
25.00	O&GCM 20%gas 10%oil 70%mud	0.123
40.00	GMO 45%gas 30%oil 25%mud	0.197
0.00	60' GIP	0.000

Total Length: 65.00 ft      Total Volume: 0.320 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time





## DRILL STEM TEST REPORT

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Suite 300  
Wichita Ks 67206

ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.17 @ 02:53:58

End Date: 2004.09.17 @ 11:28:27

Job Ticket #: 18510                      DST #: 4

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



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ATTN: Scott Hampel

**34-11s-18w Ellis Ks**  
Job Ticket: 18510      **DST#: 4**  
Test Start: 2004.09.17 @ 02:53:58

## GENERAL INFORMATION:

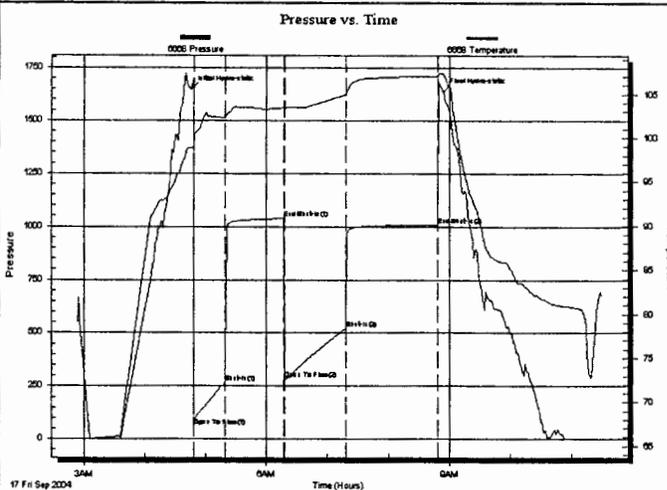
Formation: **LKC C-F**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **04:48:27** Tester: **Ray Schwager**  
 Time Test Ended: **11:28:27** Unit No: **28**  
 Interval: **3374.00 ft (KB) To 3436.00 ft (KB) (TVD)** Reference Elevations: **2079.00 ft (KB)**  
 Total Depth: **3436.00 ft (KB) (TVD)** **2074.00 ft (CF)**  
 Hole Diameter: **7.85 inches** Hole Condition: **Fair** KB to GR/CF: **5.00 ft**

## Serial #: 6668

Inside

Press@RunDepth: **518.35 psig @ 3377.01 ft (KB)** Capacity: **7000.00 psig**  
 Start Date: **2004.09.17** End Date: **2004.09.17** Last Calib.: **2004.09.17**  
 Start Time: **02:53:58** End Time: **11:28:27** Time On Btrt: **2004.09.17 @ 04:45:57**  
 Time Off Btrt: **2004.09.17 @ 08:53:57**

TEST COMMENT: **IFP-strg bl in 3 min**  
**FFP-strg bl thru-out, GTS in 40 min**  
**ISIP-strg bl in 8 min FSIP-strg bl**  
**Times 30-60-60-90**



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1648.62	98.87	Initial Hydro-static
3	59.84	98.71	Open To Flow (1)
33	267.64	102.29	Shut-In(1)
92	1040.10	103.41	End Shut-In(1)
92	283.18	103.15	Open To Flow (2)
152	518.35	104.90	Shut-In(2)
243	1009.72	107.02	End Shut-In(2)
248	1636.27	107.36	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	HO&GCM 30%gas20%oil50%mud	0.59
190.00	GMO 30%gas60%oil10%mud	2.12
1054.00	CO	14.78
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 Corp

**Foster Trust A#1-34**

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

Job Ticket: 18510

DST#: 4

Test Start: 2004.09.17 @ 02:53:58

### Tool Information

Drill Pipe:	Length: 3203.00 ft	Diameter: 3.80 inches	Volume: 44.93 bbl	Tool Weight: 2200.00 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: 50000.00 lb
			<u>Total Volume: 45.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3374.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	62.02 ft			
Tool Length:	83.02 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			3354.00	
Shut In Tool	5.00			3359.00	
Hydraulic tool	5.00			3364.00	
Packer	5.00			3369.00	21.00 Bottom Of Top Packer
Packer	5.00			3374.00	
Stubb	1.00			3375.00	
Perforations	1.00			3376.00	
Change Over Sub	1.00			3377.00	
Recorder	0.01	6668	Inside	3377.01	
Blank Spacing	30.00			3407.01	
Change Over Sub	1.00			3408.01	
Perforations	25.00			3433.01	
Recorder	0.01	13534	Outside	3433.02	
Bullnose	3.00			3436.02	62.02 Bottom Packers & Anchor

**Total Tool Length: 83.02**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**34-11s-18w Ellis Ks**  
Job Ticket: 18510      DST#: 4  
Test Start: 2004.09.17 @ 02:53:58

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 45.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.22 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 7400.00 ppm		
Filter Cake: 2.00 inches		

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	HO&GCM 30%gas20%oil50%mud	0.590
190.00	GMO 30%gas60%oil10%mud	2.119
1054.00	CO	14.785
0.00	GTS	0.000

Total Length: 1364.00 ft      Total Volume: 17.494 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

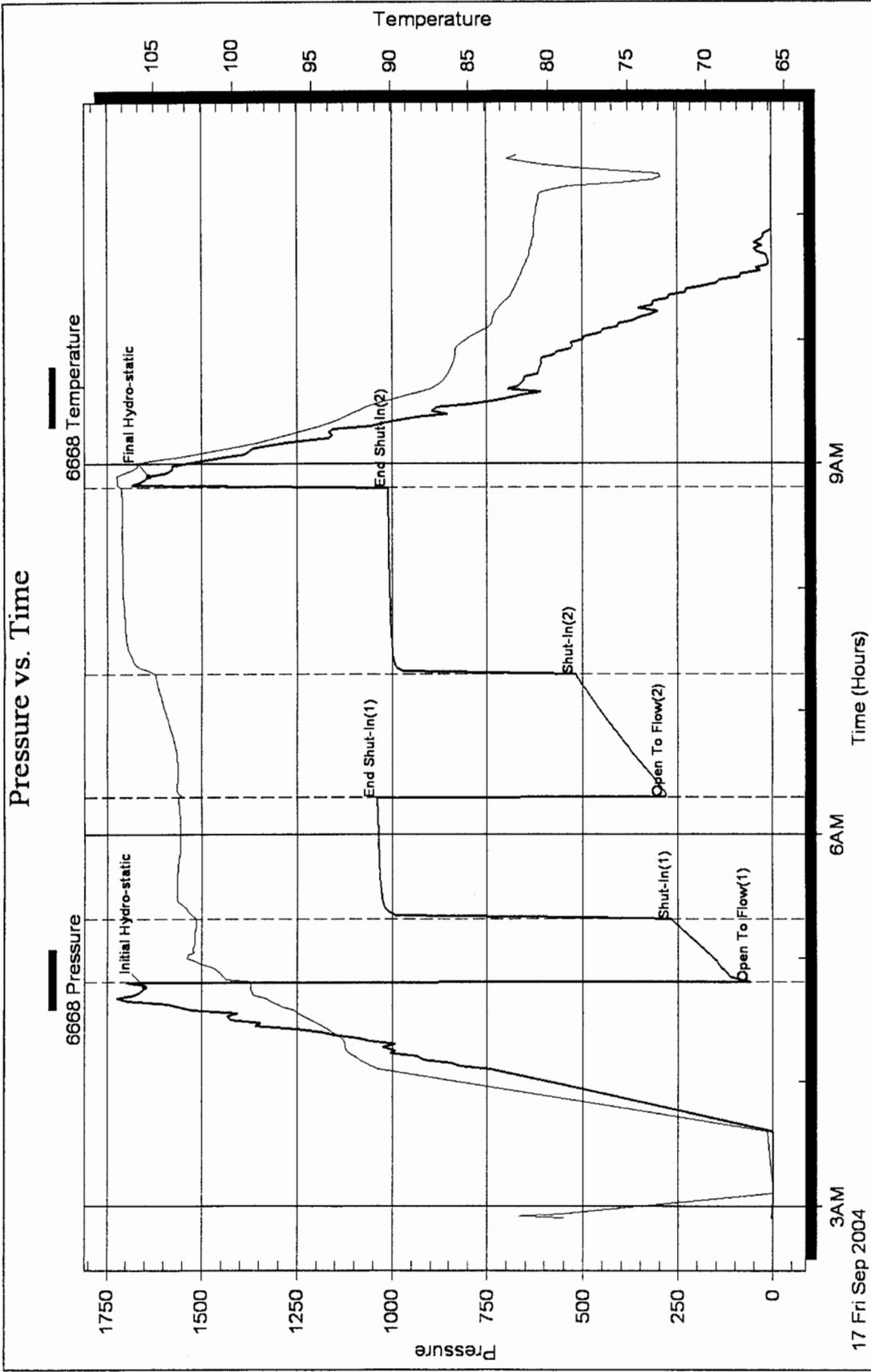
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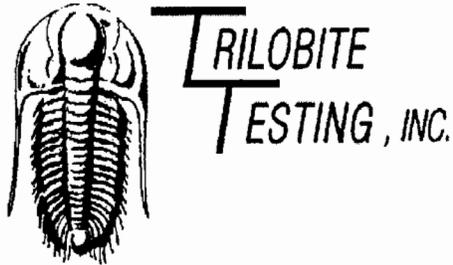
Inside

McCoy Petroleum Corp

34-11s-18w Ellis Ks

DST Test Number: 4





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central  
Suite 300  
Wichita Ks 67206

ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.17 @ 19:44:03

End Date: 2004.09.18 @ 03:33:32

Job Ticket #: 18511                      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 Corp  
8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**Foster Trust A#1-34**  
**34-11s-18w Ellis Ks**  
Job Ticket: 18511      **DST#: 5**  
Test Start: 2004.09.17 @ 19:44:03

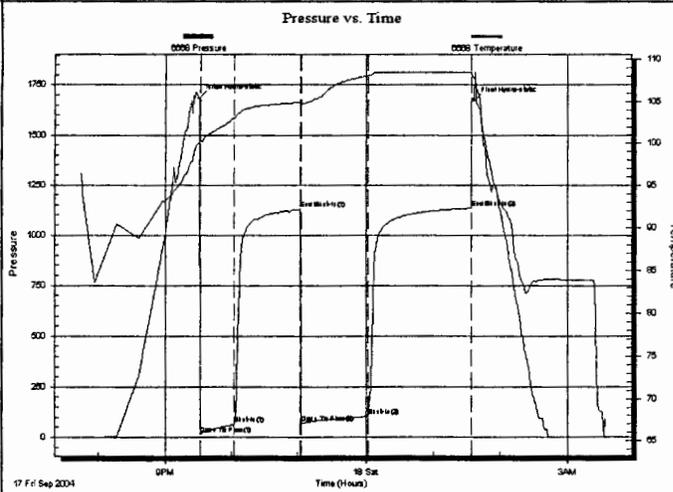
### GENERAL INFORMATION:

Formation: **LKC "I"**  
Deviated: **No** Whipstock: **ft (KB)**      Test Type: **Conventional Bottom Hole**  
Time Tool Opened: **21:32:02**      Tester: **Ray Schwager**  
Time Test Ended: **03:33:32**      Unit No: **28**

Interval: **3480.00 ft (KB) To 3500.00 ft (KB) (TVD)**      Reference Elevations: **2079.00 ft (KB)**  
Total Depth: **3500.00 ft (KB) (TVD)**      **2074.00 ft (CF)**  
Hole Diameter: **7.85 inches** Hole Condition: **Poor**      KB to GR/CF: **5.00 ft**

**Serial #: 6668**      **Inside**  
Press@RunDepth: **103.25 psig @ 3481.01 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2004.09.17**      End Date: **2004.09.18**      Last Calib.: **2004.09.18**  
Start Time: **19:44:03**      End Time: **03:33:32**      Time On Btm: **2004.09.17 @ 21:30:32**  
Time Off Btm: **2004.09.18 @ 01:36:02**

**TEST COMMENT:** IFF-wk to strg in 30 min  
FFP-wk to strg in 17 min  
ISIP-no bl, FSIP-no bl  
Times 30-60-60-90



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1685.90	100.01	Initial Hydro-static
2	14.41	100.37	Open To Flow (1)
32	64.48	103.04	Shut-In(1)
92	1128.26	104.84	End Shut-In(1)
93	70.76	104.70	Open To Flow (2)
152	103.25	108.02	Shut-In(2)
243	1133.51	108.39	End Shut-In(2)
246	1673.71	107.75	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
120.00	MGO 20%gas 70%oil 10%mud	0.59
110.00	CO	1.00
0.00	570'GIP	0.00

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206

34-11s-18w Ellis Ks

Job Ticket: 18511      DST#: 5

ATTN: Scott Hampel

Test Start: 2004.09.17 @ 19:44:03

**Tool Information**

Drill Pipe:	Length: 3299.00 ft	Diameter: 3.80 inches	Volume: 46.28 bbl	Tool Weight: 2200.00 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: 50000.00 lb
			<u>Total Volume: 47.17 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3480.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.02 ft			
Tool Length:	41.02 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			3460.00	
Shut In Tool	5.00			3465.00	
Hydraulic tool	5.00			3470.00	
Packer	5.00			3475.00	21.00 Bottom Of Top Packer
Packer	5.00			3480.00	
Stubb	1.00			3481.00	
Recorder	0.01	6668	Inside	3481.01	
Perforations	16.00			3497.01	
Recorder	0.01	13534	Outside	3497.02	
Bullnose	3.00			3500.02	20.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>41.02</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corp  
8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

Foster Trust A#1-34  
34-11s-18w Ellis Ks  
Job Ticket: 18511      DST#: 5  
Test Start: 2004.09.17 @ 19:44:03

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API: 36 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.72 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 9000.00 ppm		
Filter Cake: 2.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
120.00	MGO 20%gas 70%oil 10%mud	0.590
110.00	CO	0.996
0.00	570'GIP	0.000

Total Length: 230.00 ft      Total Volume: 1.586 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

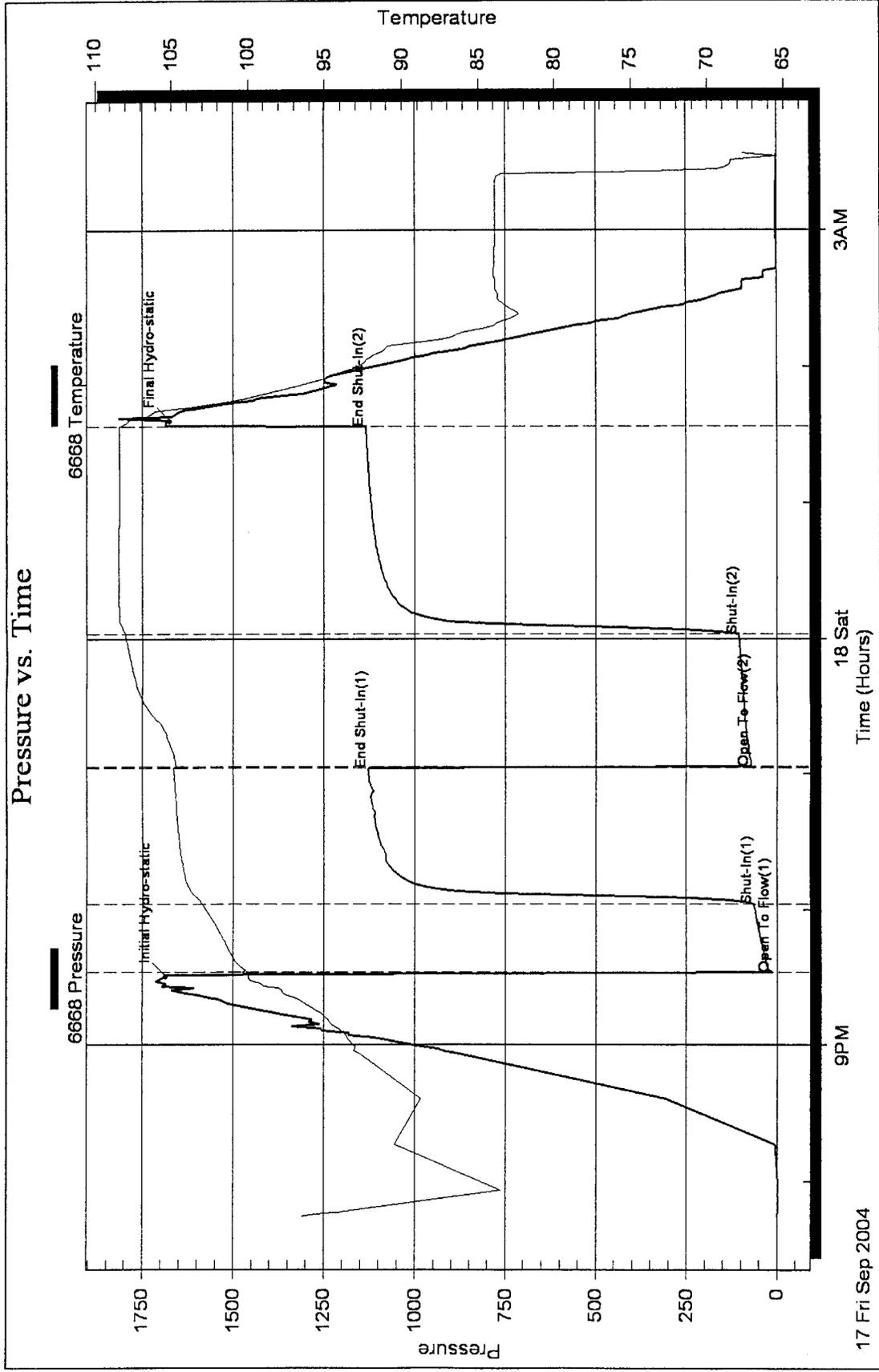
Serial #: 6668

Inside

McCoy Petroleum Corp

34-11s-18w Ellis Ks

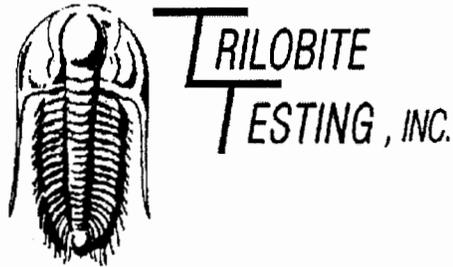
DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 18511

Printed: 2004.09.22 @ 11:41:24 Page 5



## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central  
Suite 300  
Wichita Ks 67206

ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.18 @ 12:13:30

End Date: 2004.09.18 @ 20:27:29

Job Ticket #: 18512                      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

TOOL DIAGRAM

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**34-11s-18w Ellis Ks**  
Job Ticket: 18512      **DST#: 6**  
Test Start: 2004.09.18 @ 12:13:30

### Tool Information

Drill Pipe:	Length: 3330.00 ft	Diameter: 3.80 inches	Volume: 46.71 bbl	Tool Weight: 2200.00 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: 75000.00 lb
			<u>Total Volume: 47.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3506.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.02 ft			
Tool Length:	65.02 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			3486.00	
Shut In Tool	5.00			3491.00	
Hydraulic tool	5.00			3496.00	
Packer	5.00			3501.00	21.00      Bottom Of Top Packer
Packer	5.00			3506.00	
Stubb	1.00			3507.00	
Recorder	0.01	6668	Inside	3507.01	
Perforations	40.00			3547.01	
Recorder	0.01	13534	Outside	3547.02	
Bullnose	3.00			3550.02	44.02      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>65.02</b>				



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

McCoy Petroleum Corp  
8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**Foster Trust A#1-34**  
**34-11s-18w Ellis Ks**  
Job Ticket: 18512      **DST#: 6**  
Test Start: 2004.09.18 @ 12:13:30

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API: 30 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 46.00 sec/qt	Cushion Volume: bbl	
Water Loss: 10.15 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 9600.00 ppm		
Filter Cake: 2.00 inches		

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
180.00	MGO 20%gas 65%oil 15%mud	0.885
770.00	CO	10.801
0.00	1280' GIP	0.000

Total Length: 950.00 ft      Total Volume: 11.686 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central  
Suite 300  
Wichita Ks 67206

ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.19 @ 03:47:28

End Date: 2004.09.19 @ 09:06:57

Job Ticket #: 18513                      DST #: 7

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

McCoy Petroleum Corp

Foster Trust A#1-34

34-11s-18w Ellis Ks

DST # 7

LKC "L"

2004.09.19



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

McCoy Petroleum Corp  
8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

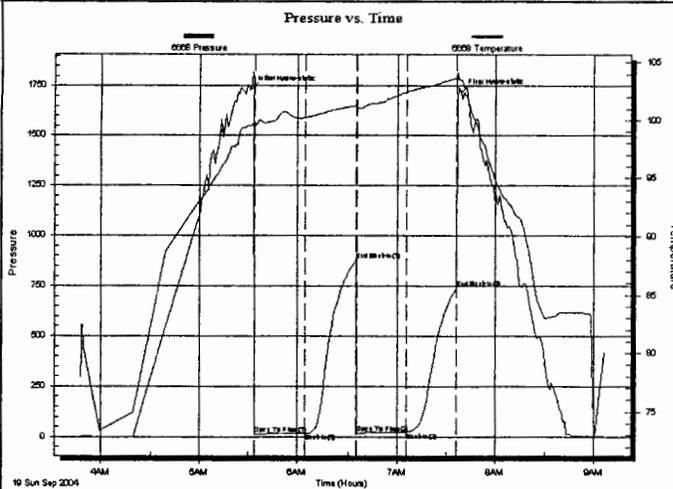
**Foster Trust A#1-34**  
**34-11s-18w Ellis Ks**  
Job Ticket: 18513      DST#: 7  
Test Start: 2004.09.19 @ 03:47:28

## GENERAL INFORMATION:

Formation: **LKC "L"**  
Deviated: **No Whipstock**      ft (KB)  
Time Tool Opened: 05:33:57  
Time Test Ended: 09:06:57  
Test Type: **Conventional Bottom Hole**  
Tester: **Ray Schwager**  
Unit No: **28**  
Interval: **3552.00 ft (KB) To 3580.00 ft (KB) (TVD)**  
Reference Elevations: **2079.00 ft (KB)**  
**2074.00 ft (CF)**  
Total Depth: **3580.00 ft (KB) (TVD)**  
Hole Diameter: **7.85 inches** Hole Condition: **Fair**  
KB to GR/CF: **5.00 ft**

**Serial #: 6668**      **Inside**  
Press@RunDepth: **23.19 psig @ 3553.01 ft (KB)**      Capacity: **7000.00 psig**  
Start Date: **2004.09.19**      End Date: **2004.09.19**      Last Calib.: **2004.09.19**  
Start Time: **03:47:28**      End Time: **09:06:57**      Time On Btm: **2004.09.19 @ 05:31:27**  
Time Off Btm: **2004.09.19 @ 07:38:57**

**TEST COMMENT:** FFP-surface bl, died in 20 min  
FFP-no bl  
Times 30-30-30-30



## PRESSURE SUMMARY

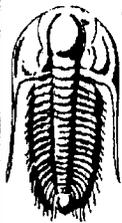
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.95	99.51	Initial Hydro-static
3	11.74	99.26	Open To Flow (1)
33	18.28	100.22	Shut-In(1)
64	879.87	101.25	End Shut-In(1)
64	19.42	101.07	Open To Flow (2)
94	23.19	102.43	Shut-In(2)
125	739.70	103.63	End Shut-In(2)
128	1720.87	103.47	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

## DRILL STEM TEST REPORT

TOOL DIAGRAM

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central

34-11s-18w Ellis Ks

Suite 300

Job Ticket: 18513

DST#: 7

Wichita Ks 67206

ATTN: Scott Hampel

Test Start: 2004.09.19 @ 03:47:28

### Tool Information

Drill Pipe:	Length: 3361.00 ft	Diameter: 3.80 inches	Volume: 47.15 bbl	Tool Weight: 2200.00 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: 55000.00 lb
			<u>Total Volume: 48.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3552.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	28.02 ft			
Tool Length:	49.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3532.00	
Shut In Tool	5.00			3537.00	
Hydraulic tool	5.00			3542.00	
Packer	5.00			3547.00	21.00 Bottom Of Top Packer
Packer	5.00			3552.00	
Stubb	1.00			3553.00	
Recorder	0.01	6668	Inside	3553.01	
Perforations	24.00			3577.01	
Recorder	0.01	13534	Outside	3577.02	
Bullnose	3.00			3580.02	28.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>49.02</b>				



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp  
8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

Foster Trust A#1-34  
34-11s-18w Ellis Ks  
Job Ticket: 18513      DST#: 7  
Test Start: 2004.09.19 @ 03:47:28

## 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: 46.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.15 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 9600.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

Serial #: 6668

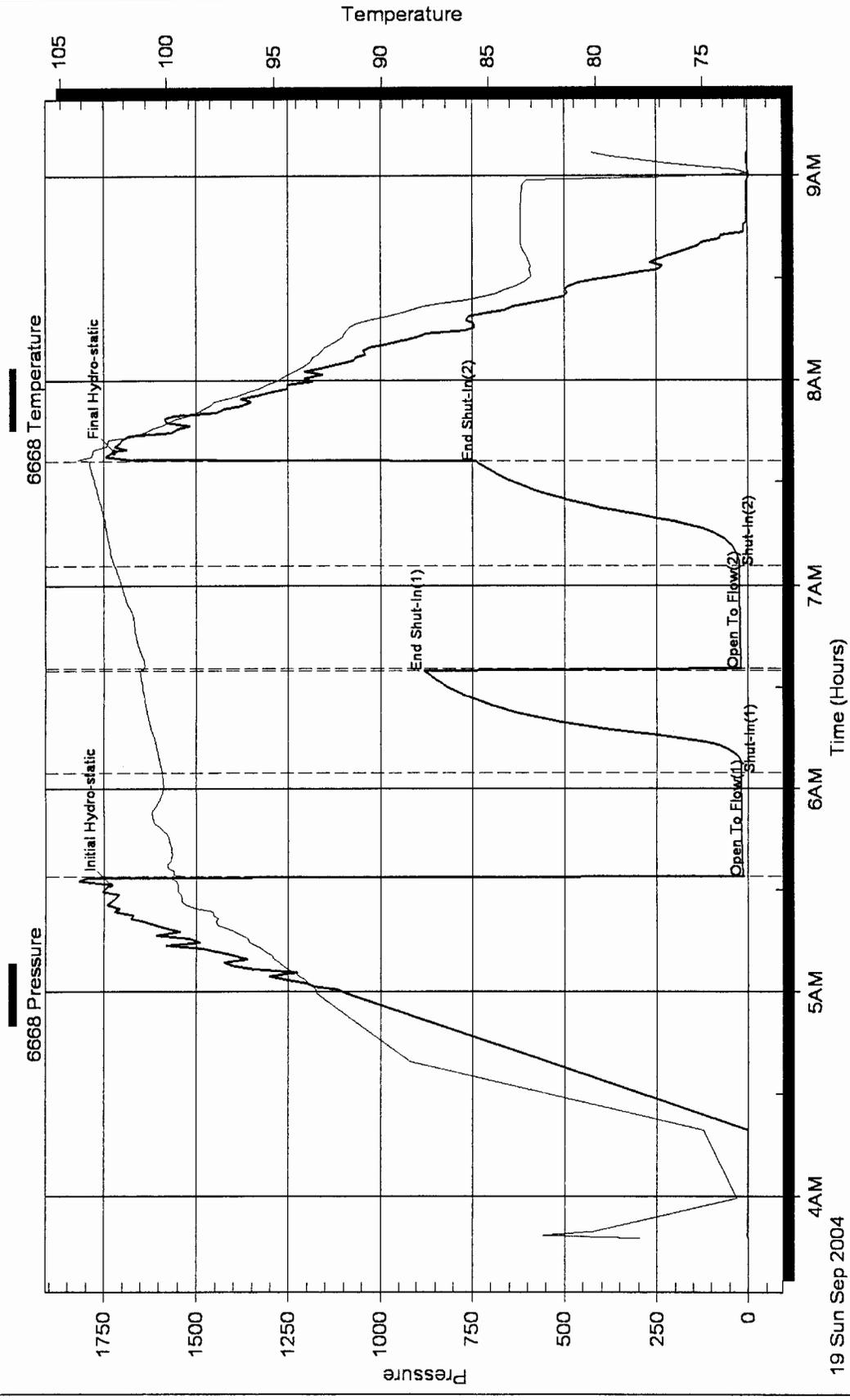
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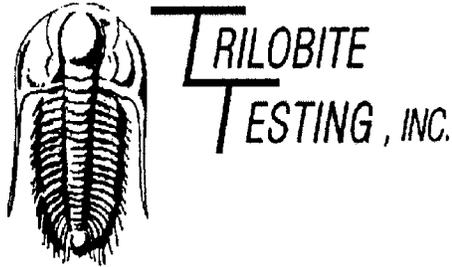
McCoy Petroleum Corp

34-11s-18w Ellis Ks

DST Test Number: 7

### Pressure vs. Time





## DRILL STEM TEST REPORT

Prepared For: **McCoy Petroleum Corp**

8080 E Central  
Suite 300  
Wichita Ks 67206

ATTN: Scott Hampel

**34-11s-18w Ellis Ks**

**Foster Trust A#1-34**

Start Date: 2004.09.19 @ 17:39:25

End Date: 2004.09.19 @ 23:32:54

Job Ticket #: 18514                      DST #: 8

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 Petroleum Corp  
8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

**Foster Trust A#1-34**  
**34-11s-18w Ellis Ks**  
Job Ticket: 18514      **DST#: 8**  
Test Start: 2004.09.19 @ 17:39:25

### Tool Information

Drill Pipe:	Length: 3392.00 ft	Diameter: 3.80 inches	Volume: 47.58 bbl	Tool Weight: 2200.00 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: 55000.00 lb
			<u>Total Volume: 48.47 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 39000.00 lb
Depth to Top Packer:	3586.00 ft			Final 39000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.02 ft			
Tool Length:	60.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3566.00	
Shut In Tool	5.00			3571.00	
Hydraulic tool	5.00			3576.00	
Packer	5.00			3581.00	21.00      Bottom Of Top Packer
Packer	5.00			3586.00	
Stubb	1.00			3587.00	
Perforations	6.00			3593.00	
Recorder	0.01	6668	Inside	3593.01	
Perforations	29.00			3622.01	
Recorder	0.01	13534	Outside	3622.02	
Bullnose	3.00			3625.02	39.02      Bottom Packers & Anchor

**Total Tool Length: 60.02**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

McCoy Petroleum Corp

Foster Trust A#1-34

8080 E Central  
Suite 300  
Wichita Ks 67206  
ATTN: Scott Hampel

34-11s-18w Ellis Ks  
Job Ticket: 18514      DST#: 8  
Test Start: 2004.09.19 @ 17:39:25

## 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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 10000.00 ppm			
Filter Cake: 2.00 inches			

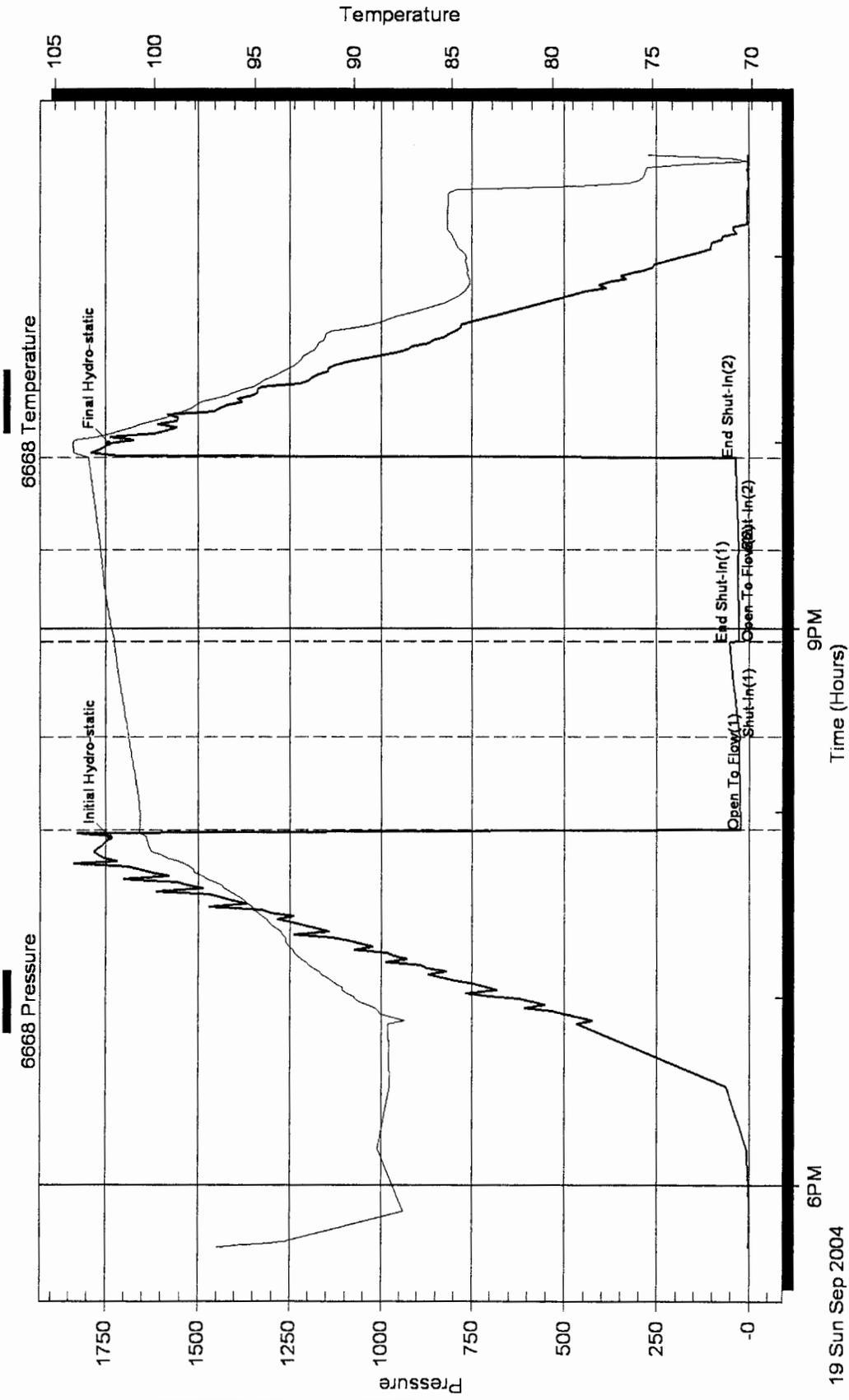
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time



19 Sun Sep 2004

6PM

9PM

Time (Hours)