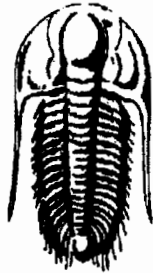


KGS

15-007-23410-0000



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **White Exploration Inc**

2400 N Woodlawn Ste 115  
Wichita, KS 67220

ATTN: Ryan Dixon

**28 32s 12w Barber KS**

**Ash A#1**

Start Date: 2008.12.16 @ 06:34:13

End Date: 2008.12.16 @ 17:20:43

Job Ticket #: 33853                      DST #: 1

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Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

White Exploration Inc

Ash A#1

28 32s 12w Barber KS

DST # 1

Miss

2008.12.16



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

White Exploration Inc  
 2400 N Woodlawn Ste 115  
 Wichita, KS 67220  
 ATTN: Ryan Dixon

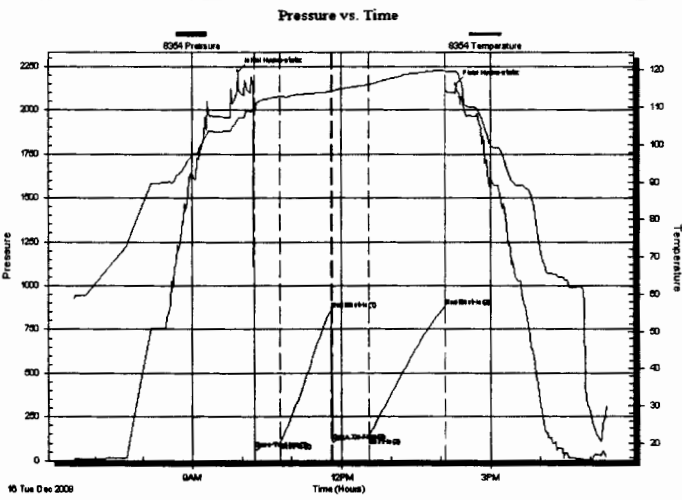
**Ash A#1**  
**28 32s 12w Barber KS**  
 Job Ticket: 33853      DST#: 1  
 Test Start: 2008.12.16 @ 06:34:13

## GENERAL INFORMATION:

Formation: **Miss**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole  
 Time Tool Opened: 10:15:28  
 Tester: Esak Hadley  
 Time Test Ended: 17:20:43  
 Unit No: 46  
 Interval: **4408.00 ft (KB) To 4463.00 ft (KB) (TVD)**  
 Reference Elevations: 1632.00 ft (KB)  
 Total Depth: 4463.00 ft (KB) (TVD) 1622.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GRVCF: 10.00 ft

**Serial #: 8354 Inside**  
 Press@RunDepth: 133.07 psig @ 4409.00 ft (KB) Capacity: 7000.00 psig  
 Start Date: 2008.12.16 End Date: 2008.12.16 Last Calib.: 2008.12.16  
 Start Time: 06:34:18 End Time: 17:20:43 Time On Btrn: 2008.12.16 @ 09:55:43  
 Time Off Btrn: 2008.12.16 @ 14:18:58

**TEST COMMENT:** IF Fair blow . BOB in 4 min.  
 ISI No blow .  
 FF Strong blow . BOB in 2 sec.  
 FSI No blow .



## PRESSURE SUMMARY

Time (Mn.)	Pressure (psig)	Temp (deg F)	Annotation
0	2223.25	106.96	Initial Hydro-static
20	66.39	108.64	Open To Flow (1)
50	102.78	112.92	Shut-In(1)
112	862.75	114.22	End Shut-In(1)
114	108.44	114.33	Open To Flow (2)
157	133.07	115.98	Shut-In(2)
250	880.63	119.92	End Shut-In(2)
264	2149.66	119.55	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
61.00	OCGM 15%o 25%g 60%m	0.30
123.00	G&OCM 15%g 15%o 70%m	0.60
116.00	GCM w/ o specs 10%g 90%m	1.63

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

White Exploration Inc  
2400 N Woodlawn Ste 115  
Wichita, KS 67220  
ATTN: Ryan Dixon

**Ash A#1**  
**28 32s 12w Barber KS**  
Job Ticket: 33853      **DST#: 1**  
Test Start: 2008.12.16 @ 06:34:13

**Tool Information**

Drill Pipe:	Length: 4235.00 ft	Diameter: 3.80 inches	Volume: 59.41 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: 25000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose: 74000.00 lb
		Total Volume: 60.31 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4408.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	75.00 ft			
Number of Packers:	2	Diameter: 675.00 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4389.00	
Shut In Tool	5.00			4394.00	
Hydraulic tool	5.00			4399.00	
Packer	4.00			4403.00	20.00      Bottom Of Top Packer
Packer	5.00			4408.00	
Stubb	1.00			4409.00	
Recorder	0.00	8354	Inside	4409.00	
Recorder	0.00	8289	Inside	4409.00	
Perforations	15.00			4424.00	
Change Over Sub	1.00			4425.00	
Blank Spacing	32.00			4457.00	
Change Over Sub	1.00			4458.00	
Bullnose	5.00			4463.00	55.00      Bottom Packers & Anchor

**Total Tool Length: 75.00**

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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

White Exploration Inc  
2400 N Woodlawn Ste 115  
Wichita, KS 67220  
ATTN: Ryan Dixon

**Ash A#1**  
**28 32s 12w Barber KS**  
Job Ticket: 33853      **DST#: 1**  
Test Start: 2008.12.16 @ 06:34:13

## 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: 45.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.20 inches			

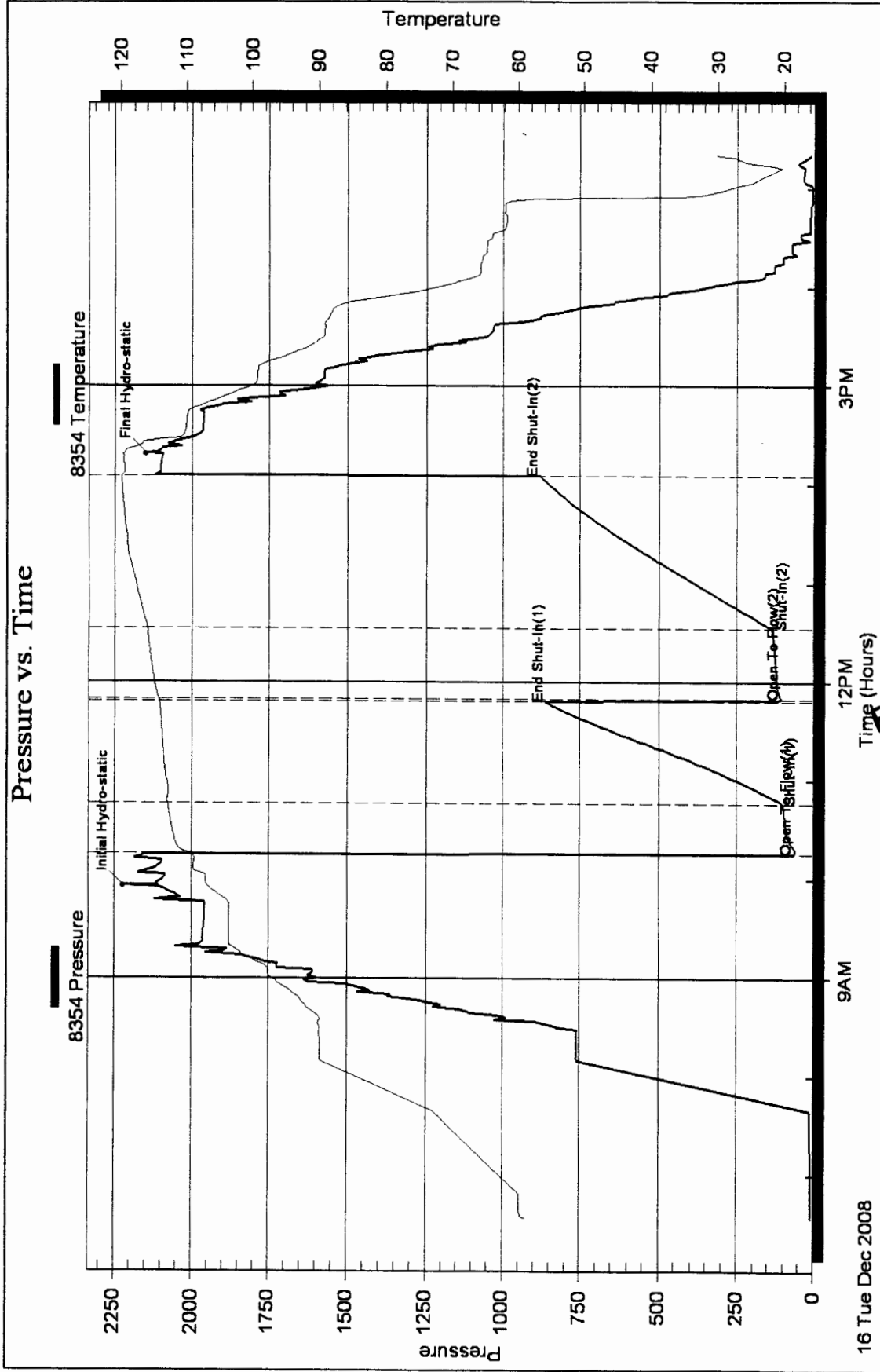
## Recovery Information

Recovery Table

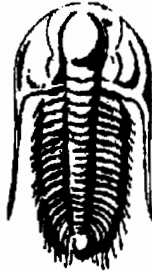
Length ft	Description	Volume bbl
61.00	OCGM 15%o 25%g 60%m	0.300
123.00	G&OCM 15%g 15%o 70%m	0.605
116.00	GCM w/ o specs 10%g 90%m	1.627

Total Length: 300.00 ft      Total Volume: 2.532 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

# Pressure vs. Time



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## DRILL STEM TEST REPORT

Prepared For: **White Exploration Inc**

2400 N Woodlawn Ste 115  
Wichita, KS 67220

ATTN: Ryan Dixon

**28 32s 12w Barber KS**

**Ash A#1**

Start Date: 2008.12.18 @ 07:50:11

End Date: 2008.12.18 @ 16:46:56

Job Ticket #: 33854                      DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

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# DRILL STEM TEST REPORT

White Exploration Inc  
2400 N Woodlaw n Ste 115  
Wichita, KS 67220  
ATTN: Ryan Dixon

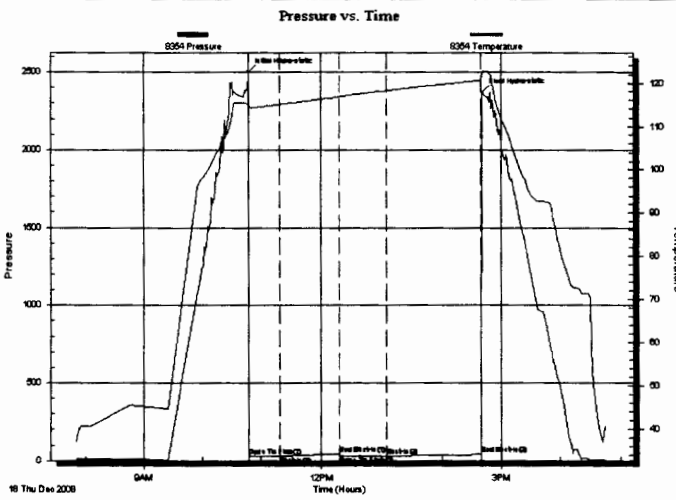
**Ash A#1**  
**28 32s 12w Barber KS**  
Job Ticket: 33854      **DST#: 2**  
Test Start: 2008.12.18 @ 07:50:11

## GENERAL INFORMATION:

Formation: **Simpson**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 10:47:26  
Time Test Ended: 16:46:56  
Interval: **4800.00 ft (KB) To 4833.00 ft (KB) (TVD)**  
Total Depth: 4833.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 1632.00 ft (KB)  
1622.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8354**      **Inside**  
Press@RunDepth: 30.40 psig @ 4801.00 ft (KB)  
Start Date: 2008.12.18      End Date: 2008.12.18  
Start Time: 07:50:16      End Time: 16:46:56  
Capacity: 7000.00 psig  
Last Calib.: 2008.12.18  
Time On Btm: 2008.12.18 @ 10:47:11  
Time Off Btm: 2008.12.18 @ 14:41:25

**TEST COMMENT:** IF Weak surface blow . No more than 1/4".  
ISI No blow .  
FF No blow . (flushed tool but still no blow)  
FSI No blow .



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2502.28	115.15	Initial Hydro-static
1	27.54	114.39	Open To Flow (1)
32	28.99	115.07	Shut-In(1)
91	44.60	116.87	End Shut-In(1)
92	30.30	116.88	Open To Flow (2)
138	30.40	118.28	Shut-In(2)
234	39.36	120.62	End Shut-In(2)
235	2368.54	122.14	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	drilg mud	0.10

## Gas Rates

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



**TRILOBITE  
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# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

White Exploration Inc  
2400 N Woodlaw n Ste 115  
Wichita, KS 67220  
ATTN: Ryan Dixon

**Ash A#1**  
**28 32s 12w Barber KS**  
Job Ticket: 33854      **DST#: 2**  
Test Start: 2008.12.18 @ 07:50:11

**Tool Information**

Drill Pipe:	Length: 4617.00 ft	Diameter: 3.80 inches	Volume: 64.76 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:	25000.00 lb
Drill Collar:	Length: 184.00 ft	Diameter: 2.25 inches	Volume: 0.90 bbl	Weight to Pull Loose:	90000.00 lb
		<b>Total Volume:</b>	<b>65.66 bbl</b>	Tool Chased	0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial	73000.00 lb
Depth to Top Packer:	4800.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	33.00 ft				
Tool Length:	53.00 ft				
Number of Packers:	2	Diameter: 675.00 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4781.00	
Shut In Tool	5.00			4786.00	
Hydraulic tool	5.00			4791.00	
Packer	4.00			4795.00	20.00      Bottom Of Top Packer
Packer	5.00			4800.00	
Stubb	1.00			4801.00	
Recorder	0.00	8354	Inside	4801.00	
Recorder	0.00	8289	Inside	4801.00	
Perforations	27.00			4828.00	
Bullnose	5.00			4833.00	33.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>53.00</b>				

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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

White Exploration Inc  
2400 N Woodlawn Ste 115  
Wichita, KS 67220

**Ash A#1**  
**28 32s 12w Barber KS**  
Job Ticket: 33854      DST#: 2  
Test Start: 2008.12.18 @ 07:50:11

## 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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 6000.00 ppm			
Filter Cake: 0.20 inches			

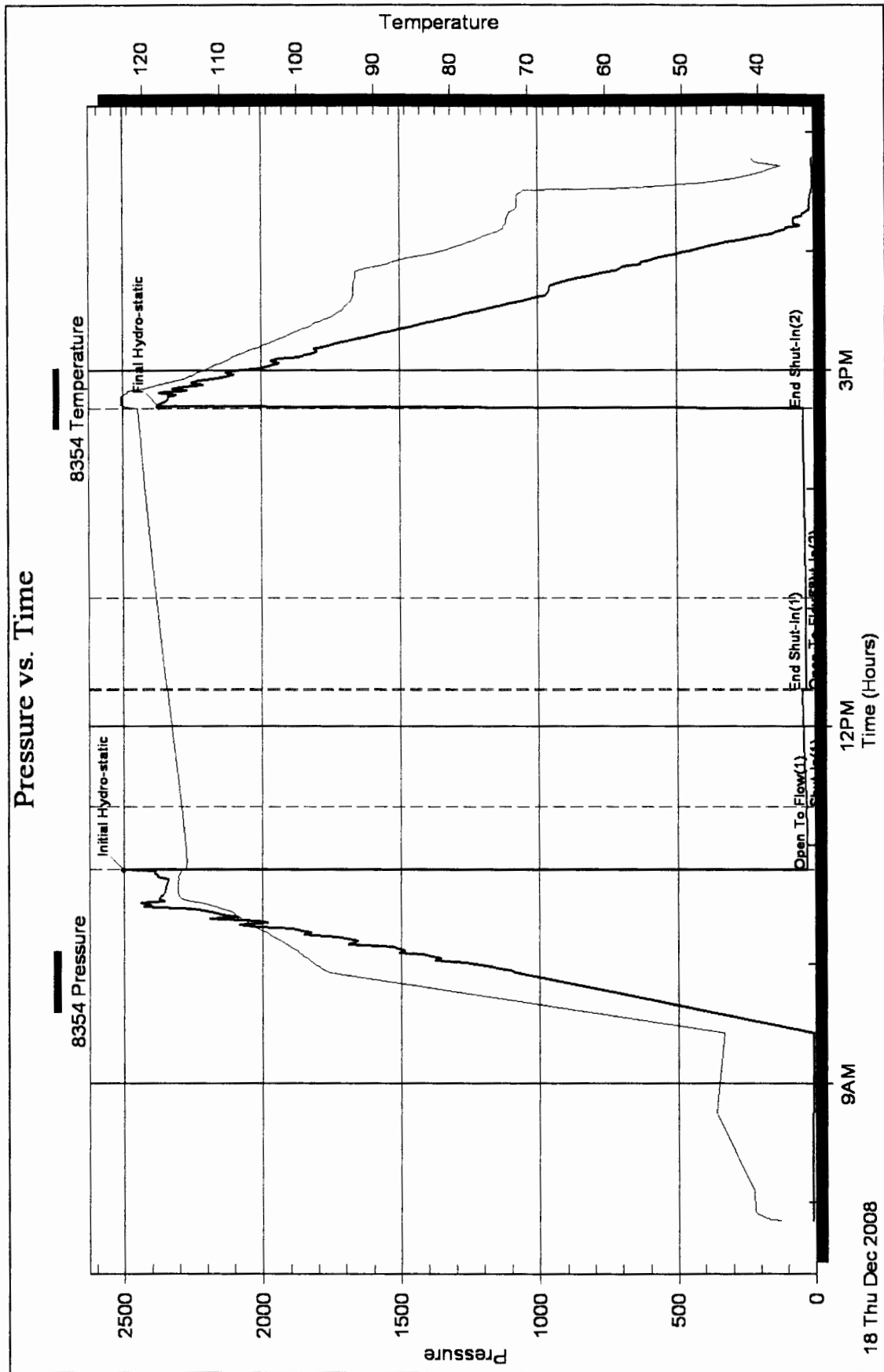
## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	drilg mud	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time



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