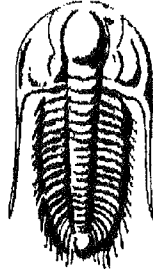


23-8s-29w

15-179-21208-00-00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

KGS

Prepared For: **Castle Resources Inc.**

PO Box 87
Schoenchen, KS 67667

15-179-21208-00-00

ATTN: Jerry Green

23 8s29w Sheridan KS

*1200 FSL
1100 FWL*

Stallings #1

Start Date: 2008.12.13 @ 00:19:00

End Date: 2008.12.13 @ 10:02:30

Job Ticket #: 33353 DST #: 1

NE NE SW SW

RECEIVED
KANSAS CORPORATION COMMISSION

FEB 26 2009

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Castle Resources Inc.

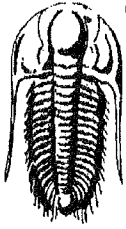
Stallings #1

23 8s29w Sheridan KS

DST # 1

LKC "F"

2008.12.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Castle Resources Inc.
PO Box 87
Schoenchen, KS 67667
ATTN: Jerry Green

Stallings #1
23 8s29w Sheridan KS
Job Ticket: 33353 **DST#: 1**
Test Start: 2008.12.13 @ 00:19:00

GENERAL INFORMATION:

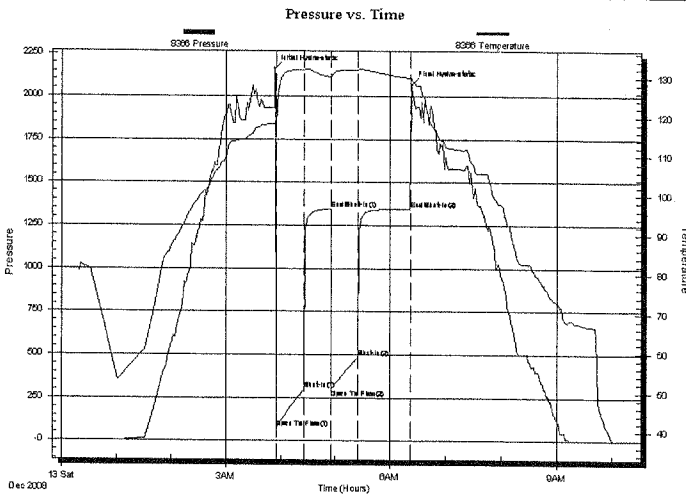
Formation: **LKC "F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:55:00
Time Test Ended: 10:02:30
Interval: **4030.00 ft (KB) To 4045.00 ft (KB) (TVD)**
Total Depth: 4250.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Straddle
Tester: James Winder
Unit No: 36
Reference Elevations: 2789.00 ft (KB)
2784.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 482.46 psig @ 4031.00 ft (KB) Capacity: 7000.00 psig
Start Date: 2008.12.13 End Date: 2008.12.13 Last Calib.: 2008.12.13
Start Time: 00:19:05 End Time: 10:02:30 Time On Btm: 2008.12.13 @ 03:53:30
Time Off Btm: 2008.12.13 @ 06:23:29

TEST COMMENT: IF: Blow built to BOB in 6 min.
IS: Bled off, No blow back
FF: Blow built to BOB in 8 min.
FSI: Bled off, No blow back



PRESSURE SUMMARY

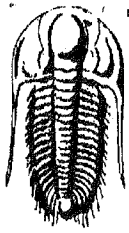
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2159.15	118.30	Initial Hydro-static
2	75.29	118.08	Open To Flow (1)
33	296.37	131.89	Shut-In(1)
62	1346.80	130.09	End Shut-In(1)
63	301.85	129.71	Open To Flow(2)
92	482.46	131.87	Shut-In(2)
149	1349.02	129.91	End Shut-In(2)
150	2067.80	129.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
865.00	SMCW 95%w, 5% m	12.13
155.00	MCW 72%w, 28% m	2.17
0.00	Trace oil in tool	0.00
0.00	RW = .186 @ 48.7 deg F	0.00
0.00	Chlorides = 60,000 ppm	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc.

Stallings #1

PO Box 87
Schoenchen, KS 67667

23 8s29w Sheridan KS

Job Ticket: 33353

DST#: 1

ATTN: Jerry Green

Test Start: 2008.12.13 @ 00:19:00

Tool Information

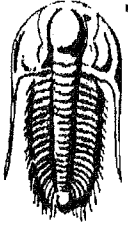
Drill Pipe:	Length: 4021.00 ft	Diameter: 3.80 inches	Volume: 56.40 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 35000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 44000.00 lb
			<u>Total Volume: 56.40 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	4030.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	4045.00 ft			
Interval between Packers:	15.00 ft			
Tool Length:	248.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Rig had 2 holes in the pipe close to bottom (didn't seem to affect the test too much)

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			4007.00	
HYD S.I. Tool	5.00			4012.00	
Jars	5.00			4017.00	
Safety Joint	3.00			4020.00	
Packer	5.00			4025.00	28.00 Bottom Of Top Packer
Packer	5.00			4030.00	
Stubb	1.00			4031.00	
Recorder	0.00	8366	Inside	4031.00	
Perforations	9.00			4040.00	
Recorder	0.00	7457	Inside	4040.00	
Blank Off Sub	1.00			4041.00	
Blank Spacing	4.00			4045.00	15.00 Tool Interval
Packer	0.00			4045.00	
Stubb	1.00			4046.00	
Recorder	0.00	8320	Inside	4046.00	
Perforations	14.00			4060.00	
Blank Spacing	187.00			4247.00	
Perforations	0.00			4247.00	
Bullnose	3.00			4250.00	205.00 Bottom Packers & Anchor

Total Tool Length: 248.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc.
PO Box 87
Schoenchen, KS 67667
ATTN: Jerry Green

Stallings #1
23 8s29w Sheridan KS
Job Ticket: 33353 **DST#: 1**
Test Start: 2008.12.13 @ 00:19:00

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: 60000 ppm	
Viscosity: 40.00 sec/qt	Cushion Volume: bbl		
Water Loss: 12.77 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 900.00 ppm			
Filter Cake: 1.00 inches			

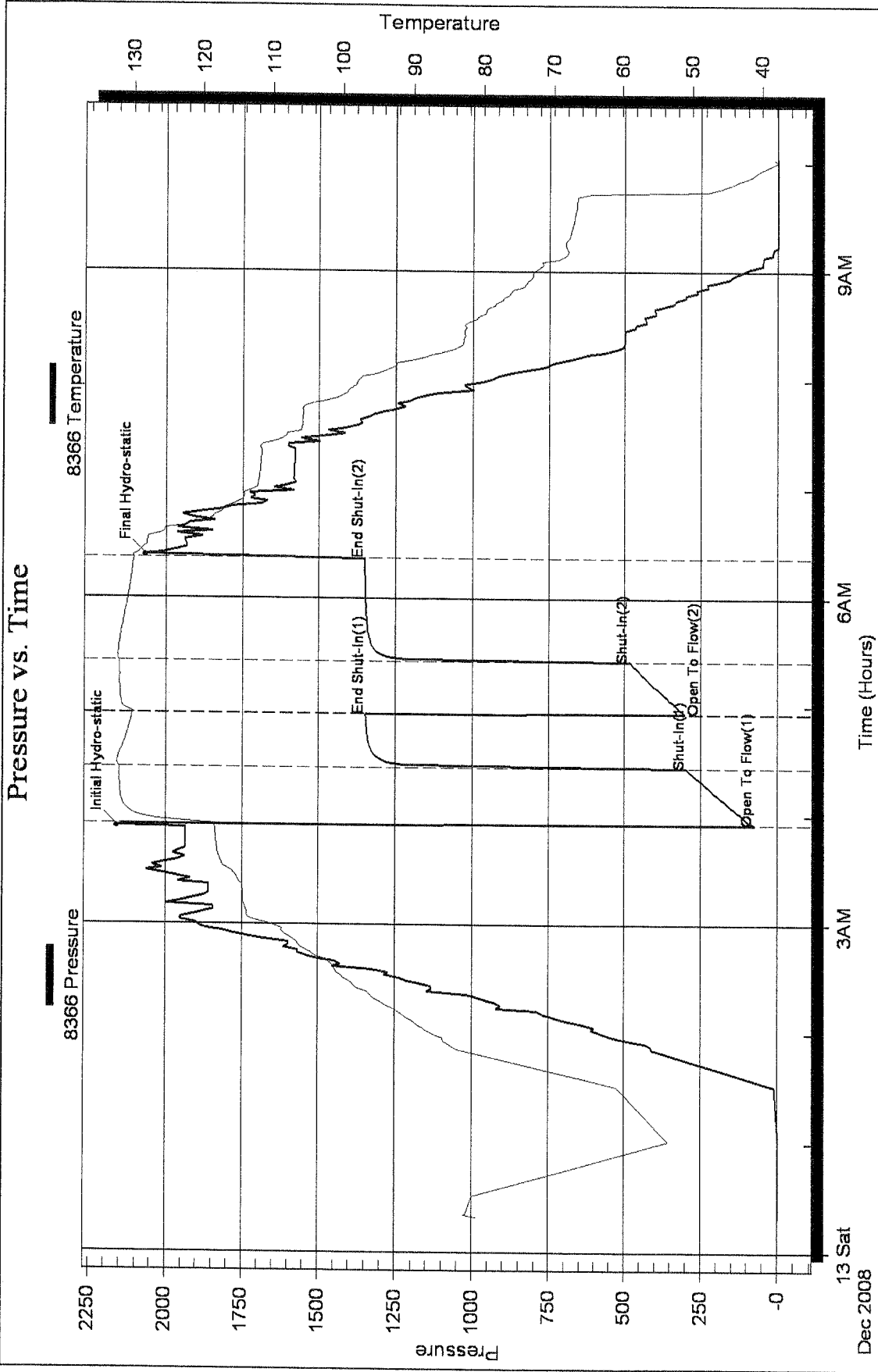
Recovery Information

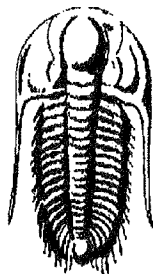
Recovery Table

Length ft	Description	Volume bbl
865.00	SMCW 95%w, 5%m	12.134
155.00	MCW 72%w, 28%m	2.174
0.00	Trace oil in tool	0.000
0.00	RW = .186 @ 48.7 deg F	0.000
0.00	Chlorides = 60,000 ppm	0.000

Total Length: 1020.00 ft Total Volume: 14.308 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Castle Resources Inc.**

PO Box 87
Schoenchen, KS 67667

ATTN: Jerry Green

23 8s29w Sheridan KS

Stallings #1

Start Date: 2008.12.13 @ 10:39:00

End Date: 2008.12.13 @ 16:07:30

Job Ticket #: 33354 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

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FEB 26 2009

CONSERVATION DIVISION
WICHITA, KS

Castle Resources Inc.

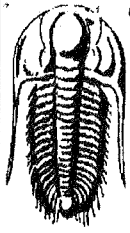
Stallings #1

23 8s29w Sheridan KS

DST # 2

LKC "A"

2008.12.13



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Castle Resources Inc.

Stallings #1

PO Box 87
Schoenchen, KS 67667

23 8s29w Sheridan KS

Job Ticket: 33354

DST#: 2

ATTN: Jerry Green

Test Start: 2008.12.13 @ 10:39:00

Tool Information

Drill Pipe:	Length: 3958.00 ft	Diameter: 3.80 inches	Volume: 55.52 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: 40000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 42000.00 lb
			<u>Total Volume: 55.52 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3960.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	3968.00 ft			
Interval between Packers:	8.00 ft			
Tool Length:	318.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

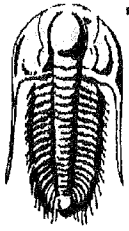
Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

S.I. Tool	5.00			3937.00	
HYD S.I. Tool	5.00			3942.00	
Jars	5.00			3947.00	
Safety Joint	3.00			3950.00	
Packer	5.00			3955.00	28.00 Bottom Of Top Packer
Packer	5.00			3960.00	
Stubb	1.00			3961.00	
Recorder	0.00	8366	Inside	3961.00	
Perforations	2.00			3963.00	
Blank Off Sub	1.00			3964.00	
Blank Spacing	4.00			3968.00	8.00 Tool Interval
Packer	0.00			3968.00	
Stubb	1.00			3969.00	
Recorder	0.00	8320	Inside	3969.00	
Perforations	28.00			3997.00	
Recorder	0.00	7457	Inside	3997.00	
Blank Spacing	250.00			4247.00	
Bullnose	3.00			4250.00	282.00 Bottom Packers & Anchor

Total Tool Length: 318.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Castle Resources Inc.
PO Box 87
Schoenchen, KS 67667
ATTN: Jerry Green

Stallings #1
23 8s29w Sheridan KS
Job Ticket: 33354 **DST#: 2**
Test Start: 2008.12.13 @ 10:39:00

Mud and Cushion Information

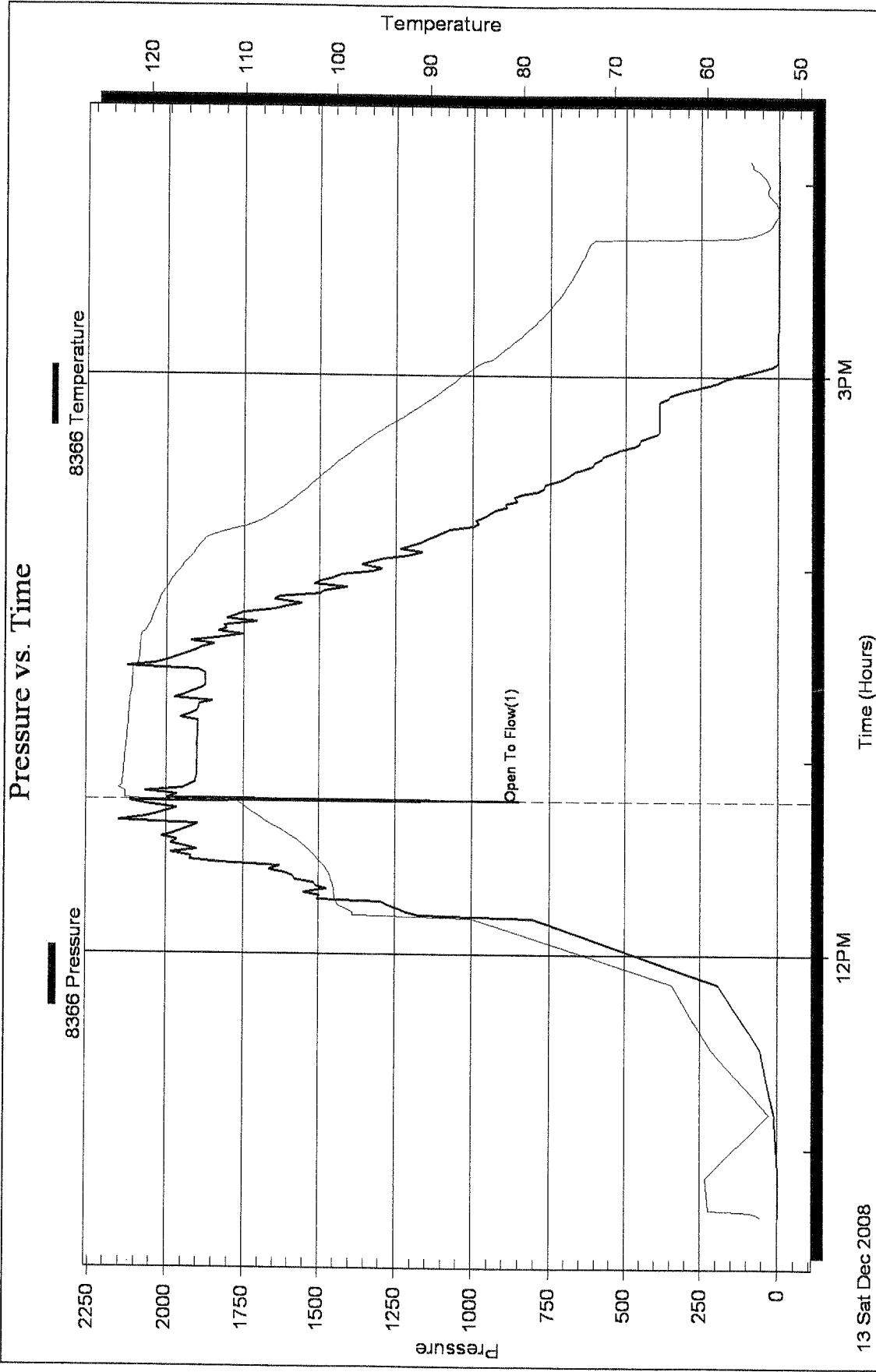
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 44.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.38 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
200.00	Mud 100%	2.805
0.00	Oil spots in tool	0.000

Total Length: 200.00 ft Total Volume: 2.805 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



13 Sat Dec 2008