

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas,Inc.**

P.O.Box 837
Russell,Ks.67665

ATTN: Brad Hutchison

21--15s--13w

Redetzke A # 2

Start Date: 2005.08.13 @ 09:20:38
End Date: 2005.08.13 @ 15:20:08
Job Ticket #: 22131 DST #: 1

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

DRILL STEM TEST REPORT

Prospect Oil & Gas,Inc.

P.O.Box 837
Russell,Ks.67665

ATTN: Brad Hutchison

Redetzke A # 2

21–15s–13w

Job Ticket: 22131 **DST#: 1**

Test Start: 2005.08.13 @ 09:20:38

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:24:38
Time Test Ended: 15:20:08

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 31

Interval: 3315.00 ft (KB) To 3349.00 ft (KB) (TVD)
Total Depth: 3349.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

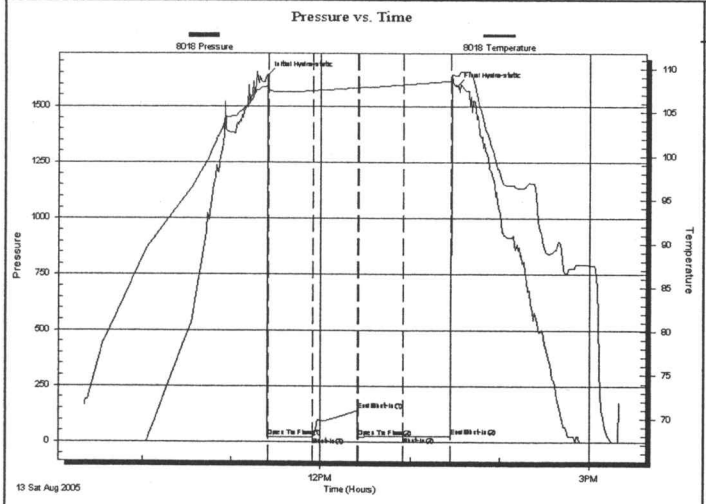
Reference Elevations: 1890.00 ft (KB)
1885.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8018 **Inside**

Press@RunDepth: 24.60 psig @ 3321.00 ft (KB)
Start Date: 2005.08.13 End Date: 2005.08.13
Start Time: 09:20:39 End Time: 15:20:08

Capacity: 7000.00 psig
Last Calib.: 2005.08.13
Time On Btm: 2005.08.13 @ 11:24:23
Time Off Btm: 2005.08.13 @ 13:30:23

TEST COMMENT: IF-Weak Dead 12 min. ISI-Dead
FF-Dead Flush tool no help. FSI-Dead



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.15	108.01	Initial Hydro-static
1	19.55	107.46	Open To Flow (1)
31	20.41	107.44	Shut-In(1)
61	140.17	107.84	End Shut-In(1)
61	20.98	107.79	Open To Flow (2)
91	24.60	108.17	Shut-In(2)
123	26.03	108.58	End Shut-In(2)
126	1591.00	109.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	D.Mud	0.14

Gas Rates

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

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas,Inc.

P.O.Box 837
Russell,Ks.67665

ATTN: Brad Hutchison

Redetzke A # 2

21–15s–13w

Job Ticket: 22131 **DST#: 1**

Test Start: 2005.08.13 @ 09:20:38

Tool Information

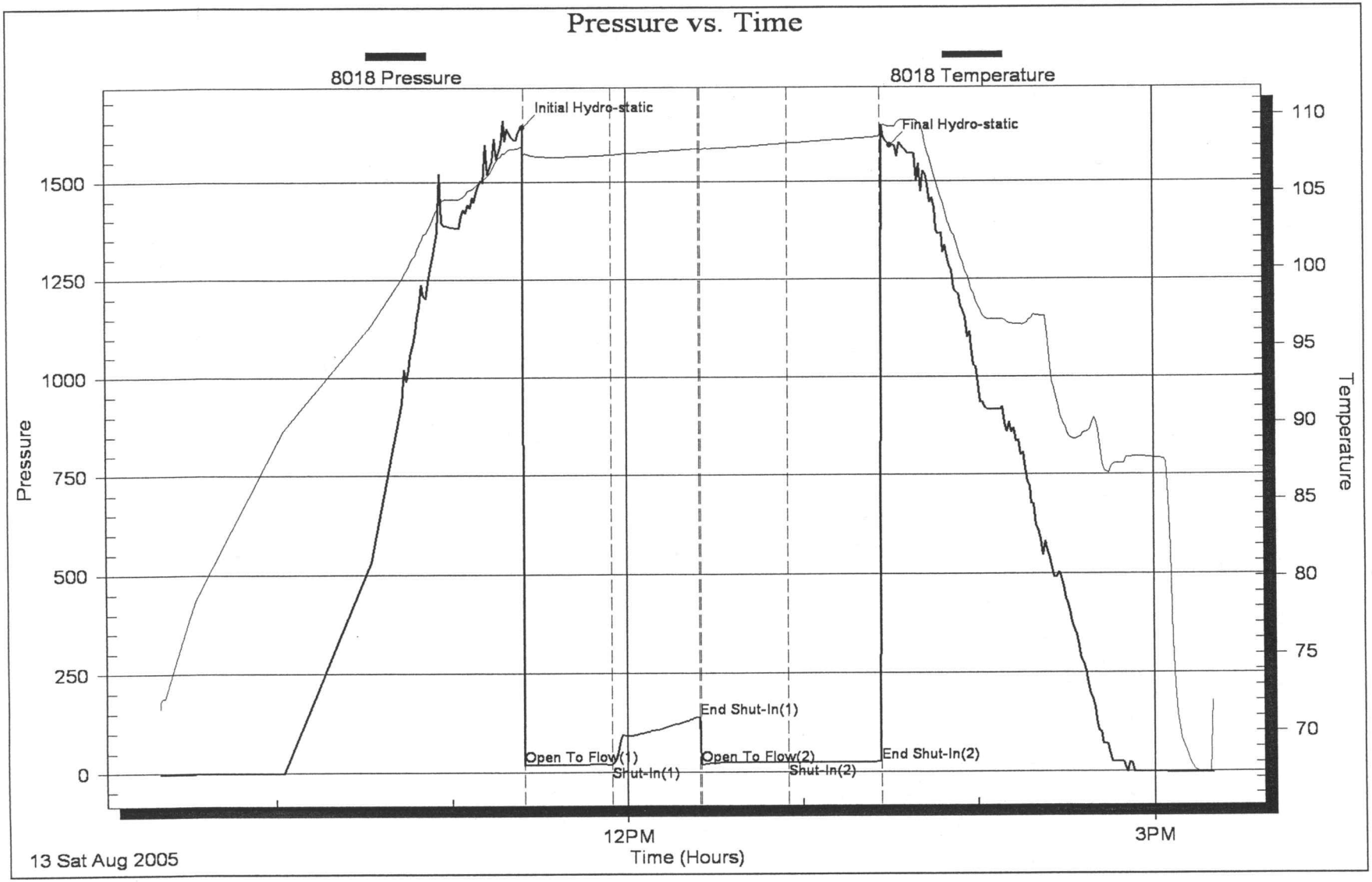
Drill Pipe:	Length:	3323.00 ft	Diameter:	3.80 inches	Volume:	46.61 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	
					Total Volume:	46.61 bbl	

Drill Pipe Above KB:	28.00 ft
Depth to Top Packer:	3315.00 ft
Depth to Bottom Packer:	ft
Interval betw een Packers:	34.00 ft
Tool Length:	54.00 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	2000.00 lb
Weight set on Packer:	25000.00 lb
Weight to Pull Loose:	40000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	34000.00 lb
Final	34000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Change Over Sub	1.00			3296.00		
Shut In Tool	5.00			3301.00		
Hydraulic tool	5.00			3306.00		
Packer	4.00			3310.00	20.00	Bottom Of Top Packer
Packer	5.00			3315.00		
Stubb	1.00			3316.00		
Perforations	5.00			3321.00		
Recorder	0.00	8018	Inside	3321.00		
Perforations	25.00			3346.00		
Recorder	0.00	13308	Outside	3346.00		
Bullnose	3.00			3349.00	34.00	Bottom Packers & Anchor
Total Tool Length:	**54.00**					


Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
Open To Flow(1)
Shut-In(1)
Open To Flow(2)
Shut-In(2)
End Shut-In(2)
1500
1250
1000
750
500
250
0
Pressure
110
105
100
95
90
85
80
75
70
Temperature
12PM
3PM
Time (Hours)
13 Sat Aug 2005

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Prospect Oil & Gas,Inc.

P.O.Box 837
Russell,Ks.67665

ATTN: Brad Hutchison

Redetzke A # 2

21–15s–13w

Job Ticket: 22132 **DST#: 2**

Test Start: 2005.08.13 @ 20:45:31

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:29:46
Time Test Ended: 02:32:31

Test Type: Conventional Bottom Hole
Tester: John Schmidt
Unit No: 31

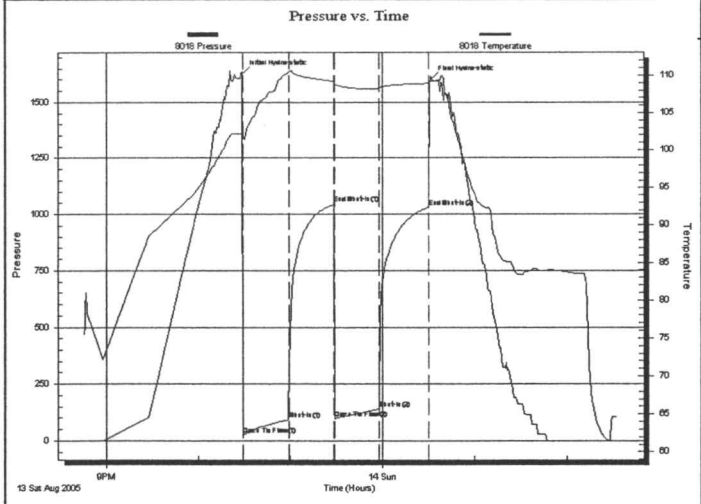
Interval: 3316.00 ft (KB) To 3355.00 ft (KB) (TVD)
Total Depth: 3355.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1890.00 ft (KB)
1885.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 140.10 psig @ 3322.00 ft (KB)
Start Date: 2005.08.13 End Date: 2005.08.14
Start Time: 20:45:32 End Time: 02:32:31

Capacity: 7000.00 psig
Last Calib.: 2005.08.14
Time On Btm: 2005.08.13 @ 22:29:16
Time Off Btm: 2005.08.14 @ 00:32:01

TEST COMMENT: IF-Strong B.O.B.9 min.
FF-Strong B.O.B.15 min.
ISI-Blow back built to 1/2" in.
FSI-Very w eak surface Dead in 5 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1628.48	102.18	Initial Hydro-static
1	24.20	101.58	Open To Flow (1)
30	92.12	110.38	Shut-In(1)
60	1045.71	109.19	End Shut-In(1)
60	97.16	108.85	Open To Flow (2)
89	140.10	108.17	Shut-In(2)
121	1031.96	108.92	End Shut-In(2)
123	1603.80	109.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
110.00	Muddy oil 30%m-70%oil	1.54
210.00	Clean G.oil-5%G-95%oil	2.95
0.00	110 gas in pipe	0.00

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas,Inc.

P.O.Box 837
Russell,Ks.67665

ATTN: Brad Hutchison

Redetzke A # 2

21–15s–13w

Job Ticket: 22132 **DST#: 2**

Test Start: 2005.08.13 @ 20:45:31

Tool Information

Drill Pipe:	Length:	3323.00 ft	Diameter:	3.80 inches	Volume:	46.61 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.70 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	2.25 inches	Volume:	0.00 bbl	Weight to Pull Loose:	45000.00 lb
					Total Volume:	46.61 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		27.00 ft					String Weight: Initial	34000.00 lb
Depth to Top Packer:		3316.00 ft					Final	35000.00 lb
Depth to Bottom Packer:		ft						
Interval betw een Packers:		39.00 ft						
Tool Length:		59.00 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			3297.00		
Shut In Tool	5.00			3302.00		
Hydraulic tool	5.00			3307.00		
Packer	4.00			3311.00	20.00	Bottom Of Top Packer
Packer	5.00			3316.00		
Stubb	1.00			3317.00		
Perforations	5.00			3322.00		
Recorder	0.00	8018	Inside	3322.00		
Perforations	30.00			3352.00		
Recorder	0.00	13308	Outside	3352.00		
Bullnose	3.00			3355.00	39.00	Bottom Packers & Anchor
Total Tool Length:	**59.00**					

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas,Inc.

P.O.Box 837
Russell,Ks.67665

ATTN: Brad Hutchison

Redetzke A # 2

21–15s–13w

Job Ticket: 22132 **DST#: 2**

Test Start: 2005.08.13 @ 20:45:31

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:	43.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.37 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
110.00	Muddy oil 30%m-70%oil	1.543
210.00	Clean G.oil-5%G-95%oil	2.946
0.00	110 gas in pipe	0.000

Total Length: 320.00 ft Total Volume: 4.489 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

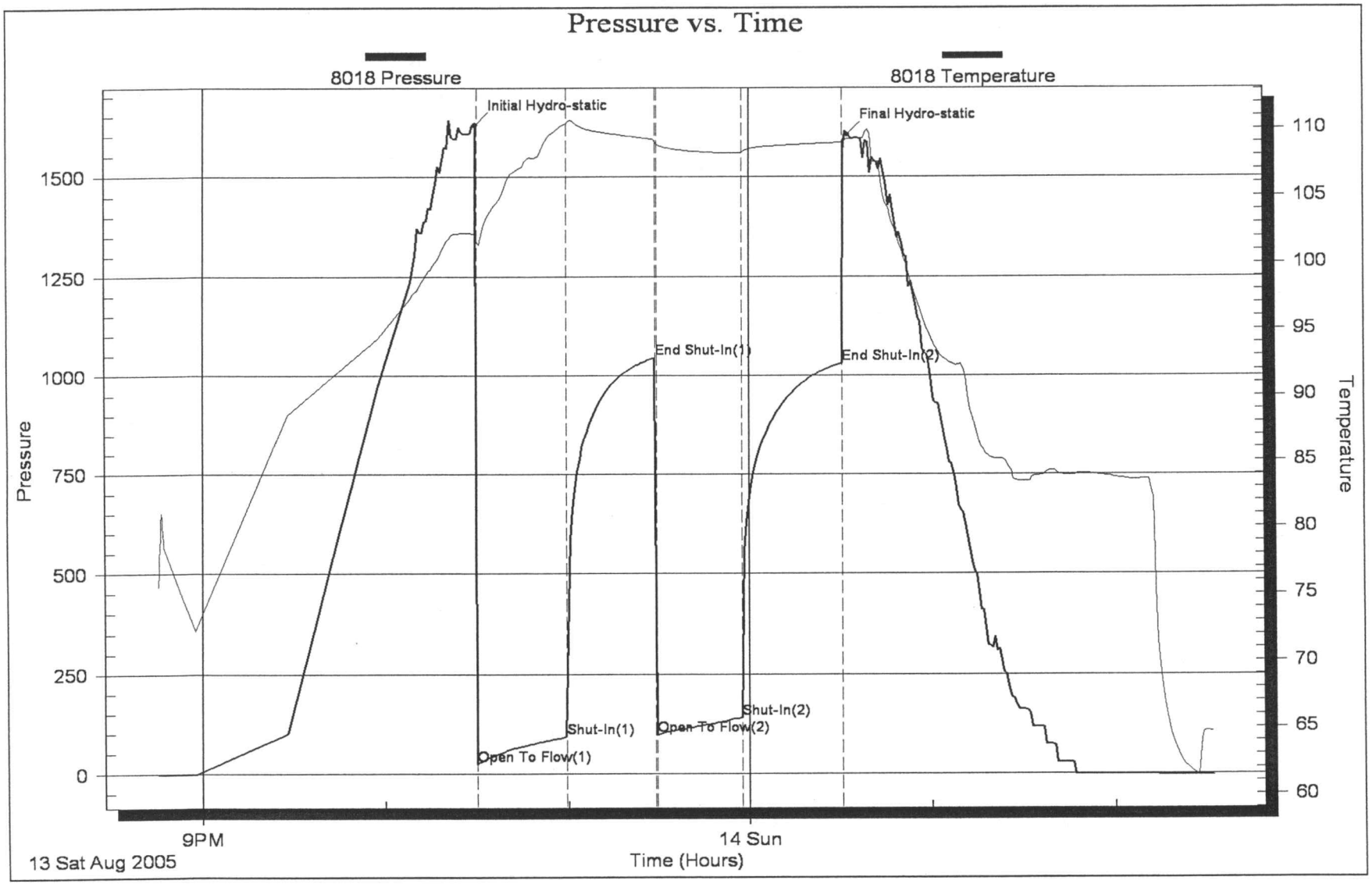

Pressure vs. Time
8018 Pressure
8018 Temperature
Initial Hydro-static
Final Hydro-static
End Shut-In(1)
End Shut-In(2)
Shut-In(1)
Shut-In(2)
Open To Flow(1)
Open To Flow(2)
Pressure
Temperature
1500
1250
1000
750
500
250
0
110
105
100
95
90
85
80
75
70
65
60
9PM
13 Sat Aug 2005
14 Sun
Time (Hours)

CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

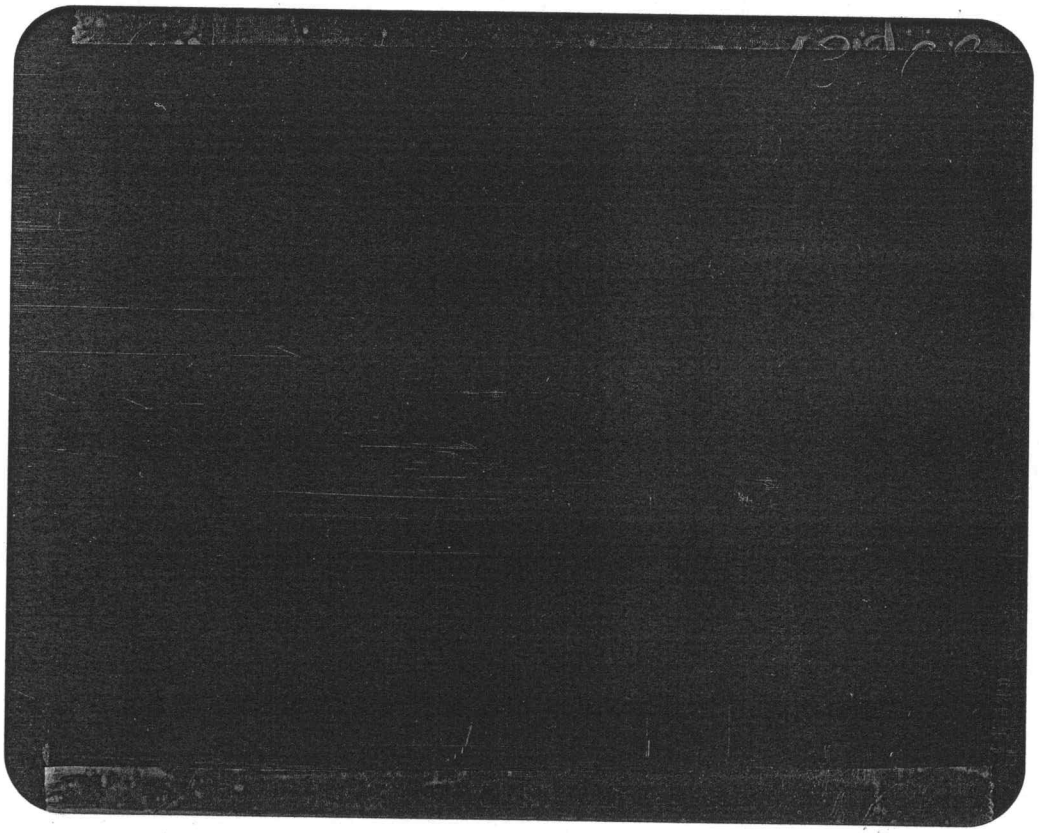


CHART PAGE

This is a photocopy of the actual AK-1 recorder chart.

