



Drill Stem Test Report

Prepared for: **PARAMOUNT RESOURCES**

Well Name: PARA ET AL MOUNT COTY I-02

Location: I-02/60-20-123-30

Test Date: 12/01/2000

Job Ticket #: D2-10000 DST#: 5

Real Time Testing Report

Company: PARAMOUNT RESOURCES LTD.

Job Ticket #: T4-6189

DST#: 5

Test Date: 12/01/2000 2300hrs

Well Name: PARA ET AL MOUNT COTY I-02

Contact: WILBERT CALLIHO

Location: I-02/60-20-123-30

General Information:

Test Type: INFLATE STRADDLE
Interval: 1134m -1140m
Formation: MATTSON
KB Elevation: 374.60m
Ground Elevation: 369.10m
Total Depth: 1744.00m
Test Mode: Gas

Tester: KEN PEARSON
Truck No.: 673
Contractor: AKITA DRILLING
Rig No.: 51 LIN
Hole Diameter: 222mm
Hole Condition: FAIR
Bottom Hole Temperature: 43.00 C

Telemetry Recorder Information:

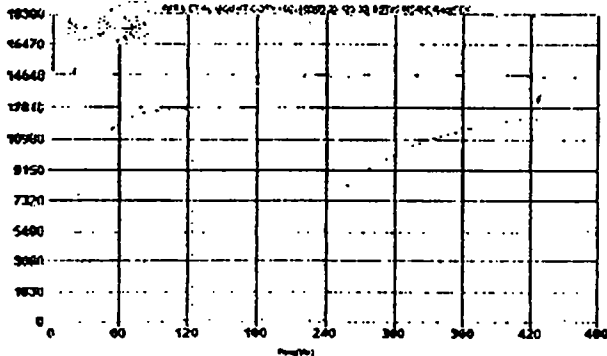
INSIDE

Recorder #: FEK Depth: 1119.00 m

Flag Points:	Time	Pressure:
A Initial Hydrostatic	0.00	14177.3
B Start of 1st Flow	0.00	752.8
C End of 1st Flow	3.30	788.6
D End of 1st Shutin	88.50	12789.5
E Start of 2nd Flow	0.00	1035.6
F End of 2nd Flow	60.96	1145.7
G End of 2nd Shutin	239.64	12300.1
Q Final Hydrostatic	0.00	13568.0

Test Run Information:

Start Time: 2300hrs
Reached Test Depth: 210hrs
Pull Out Time: 1020hrs
Tool Out Of Hole: 1430hrs
Water Loss: 6.50cm³
Mud Drop: NO
VIS: 61.00S/L
Filter Cake: 0.00mm
Pump Time: 30min
Reversed Out: NO
Mud Type: GEL CHEMICAL
Mud Weight: 1240.00kg/m³
Amount of fill: 0.00m
Amount of cushion: 0.00
Type of cushion:



General Remarks:

PREFLOW: START 03:33 TO 03:43 Weak air blow 3 inches in pail No gas to surface.

FINAL FLOW: START 05:15 TO 06:15 Weak air blow. Bottom of pail in 6 minutes. No gas to surface.

Recovery Description:

WELL LIC# 1884

see DST Report

Drill Stem Testing Report

Company: PARAMOUNT RESOURCES LTD.

Job Ticket #: D2-10000

DST#: 5

Test Date: 12/01/2000 2300hrs

Well Name: PARA ET AL MOUNT COTY I-02

Contact: WILBERT CALLIHO

Location: I-02/60-20-123-30

General Information:

Test Type: INFLATE STRADDLE
 Interval: 1134.00m - 1140.00m
 Formation: MATTSON
 KB Elevation: 374.60m
 Ground Elevation: 369.10m
 Total Depth: 1744.00m
 Test Mode: Gas

Tester: ALBERTO SCARIONE
 Truck No.: 673
 Contractor: AKITA DRILLING
 Rig No.: 51 LIN
 Hole Diameter: 222mm
 Hole Condition: FAIR
 Bottom Hole Temperature: 43.00 C

Electronic Recorder Information:

OUTSIDE Recorder #: 160	OUTSIDE Recorder #: 066
Range: 10000 kPag	Range: 10000 kPag
Depth: 1136.00 m	Depth: 1136.00 m

Flag Points:	Time:	Pressure:
A Initial Hydrostatic	0.00	14226.4
B Start of 1st Flow	0.00	721.6
C End of 1st Flow	7.00	781.2
D End of 1st Shutin	90.00	12846.3
E Start of 2nd Flow	0.00	994.1
F End of 2nd Flow	60.00	1109.9
G End of 2nd Shutin	240.00	12326.1
Q Final Hydrostatic	0.00	13599.7

NOT USED
 See Real Time #6

Test Run Information:

Start Time: 2300hrs
 Reached Test Depth: 210hrs
 Pull Out Time: 1020hrs
 Tool Out Of Hole: 1430hrs

Weight set on Packers: 10000.00daN
 Weight to free Packers: 56000.00daN
 Initial String Weight: 45000.00daN
 Unseated String Weight: 46000.00daN

Tool Chased Dist: 0.00m
 Mud Type: GEL CHEMICAL
 Mud Weight: 1240.00kg/m³
 Amount of fill: 0.00m
 Amt of cushion: 0.00
 Type of cushion:

Water Loss: 6.50cm³
 Mud Drop: NO
 VIS: 61.00S/L
 Filter Cake: 2.00mm
 Pump Time: 30min
 Reversed Out: NO

General Remarks:

PREFLOW: Weak air blow 3 in pail no gas to surface.

FINAL FLOW: Weak air blow. Bottom of pail in 6 minutes. No gas to surface.



Recovery Description:

WELL LIC# 1884

Total fluid recovery was 56 meters, consisting of meters of salt water and drill mud. 28600 ppm salt.

Gas Bomb: 0 Sampler: 1
 Fluid Sample: 3 Sent to: AGAT EDMONTON

Drill Stem Testing - Tool Diagram / Description

Company: PARAMOUNT RESOURCES LTD.

Job Ticket #: D2-10000

DST#: 5

Test Date: 12/01/2000 2300hrs

Well Name: PARA ET AL MOUNT COTY I-02

Contact: WILBERT CALLIHO

Location: I-02/60-20-123-30

Inflate Straddle

Drill Collar Stands:	3
Drill Collar Singles:	0
Drill Pipe Stands:	36
Drill Pipe Singles:	0
Heavy Wt. Pipe Stands:	20
Heavy Wt. Pipe Singles:	0
Total Drill Collars/Pipe and Tools:	1134.81m
Total Drill Pipe Above K.B.:	0.72m
Total Depth:	1744m

Tool / Drill Stem Information:

Tool Weight:	2000.00 daN	24.95m
Drill Collar Inside Diameter:	67.00 mm	
Drill Collar Length:	56.40 m	
Drill Pipe Inside Diameter:	97.00 mm	
Drill Pipe Length:	685.65 m	
Heavy Weight Pipe Diameter:	69.80 mm	
Heavy Weight Pipe Length:	367.81 m	36.49m
Bottom Choke Diameter:	12.70 mm	
Number of Packers: 2 Dia.:	197.00 mm	

Tool Remarks:

Depth:
1134m

6.36m

Depth:
1140m

5.18m

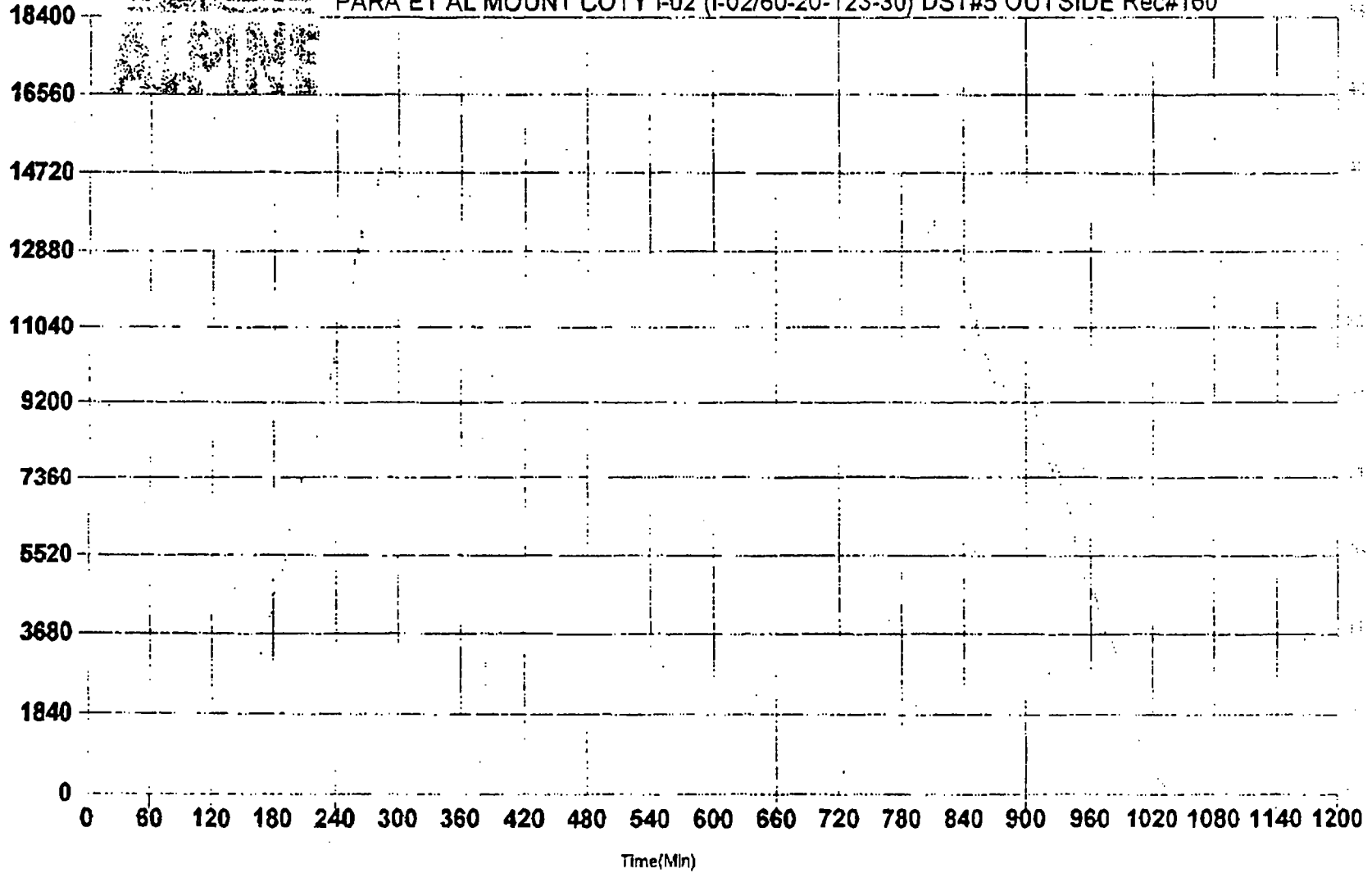
Total Depth: 1744.00m

Item	Length
P.O. Sub	0.31
C.O. Sub	0.30
P.O. Sub	0.31
REC FLUID#65	1.80
HMV Stroke	2.39
Sampler	1.10
REC INSIDE#66	1.80
Telemetry Tool	6.10
Jars	2.10
Safety Joint	0.85
Pump	2.05
Screen	1.18
Valve	2.23
Deflate	0.85
Packer	1.78
T.C.	0.72
K-3 Carrier	2.20
Bypass Hanger	0.42
Blank Spacing	1.52
Bypass Receiver	0.78
Stubb	0.72
Packer	1.78
Extension Sub	0.72
Drag Spring	2.08
Bullnose	0.60



Time/Pressure Plot

PARA ET AL MOUNT COTY I-02 (I-02/60-20-123-30) DST#5 OUTSIDE Rec#160



1. Plot Title: PARA ET AL MOUNT COTY I-02 (I-02/60-20-123-30) DST#5 OUTSIDE Rec#160
 2. Plot Date: 10-94
 3. Plot Time: 04 00
 4. Plot Operator: GARY JOHANSSON
 5. Plot Station: 14036204647
 6. Plot Scale: 18400 PSI
 7. Plot Units: PSI
 8. Plot Range: 0 to 1200 MIN
 9. Plot Interval: 60 MIN
 10. Plot Resolution: 1840 PSI
 11. Plot Smoothing: 0
 12. Plot Annotation: 0

...RA ET AL MOUNT COTY 60-20-123-30 LSD 1-02/60-20-123-30/0
DST# 5 MATTSON (1134.0m - 1140.0m KB) DEC,01,2000

P.12

14036204647

GARY JONANSON

MM 10:00 AM

20020

16016

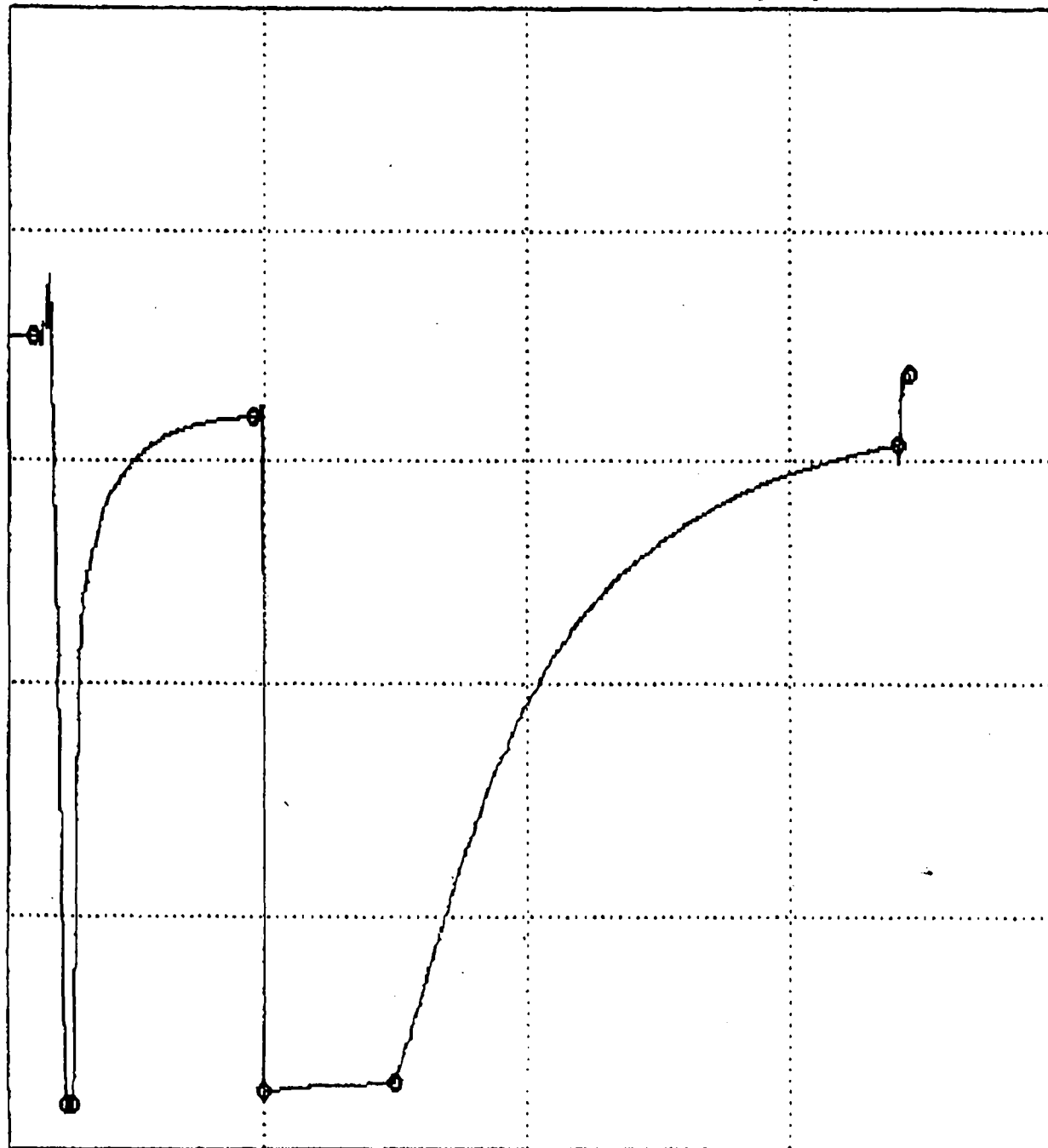
Kpa

12012

8008

4004

0



IHP = 14177.3

SF1 = 752.8

EF1 = 788.6

ES1 = 12789.5

SF2 = 1035.6

EF2 = 1145.8

ES2 = 12300.1

FHP = 13534.5

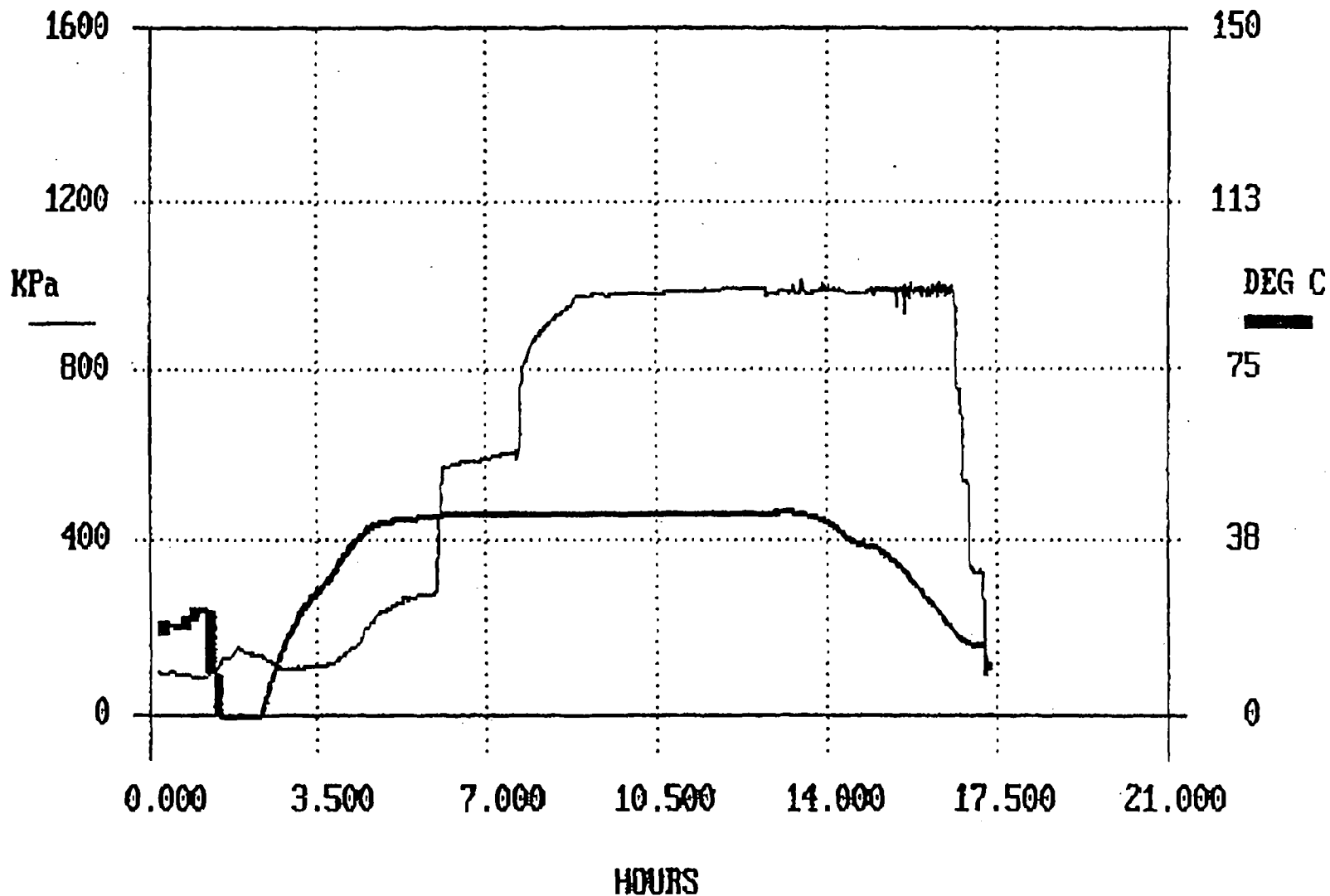
<--- MINUTES --->

500

FILE: <C:\ALP_IN\B3002136.133>

s/n 133 PARAMOUNT RES.LTD 60-20-123-30 T#2-10000 11/30/00 ~~FLUID~~

FLUID

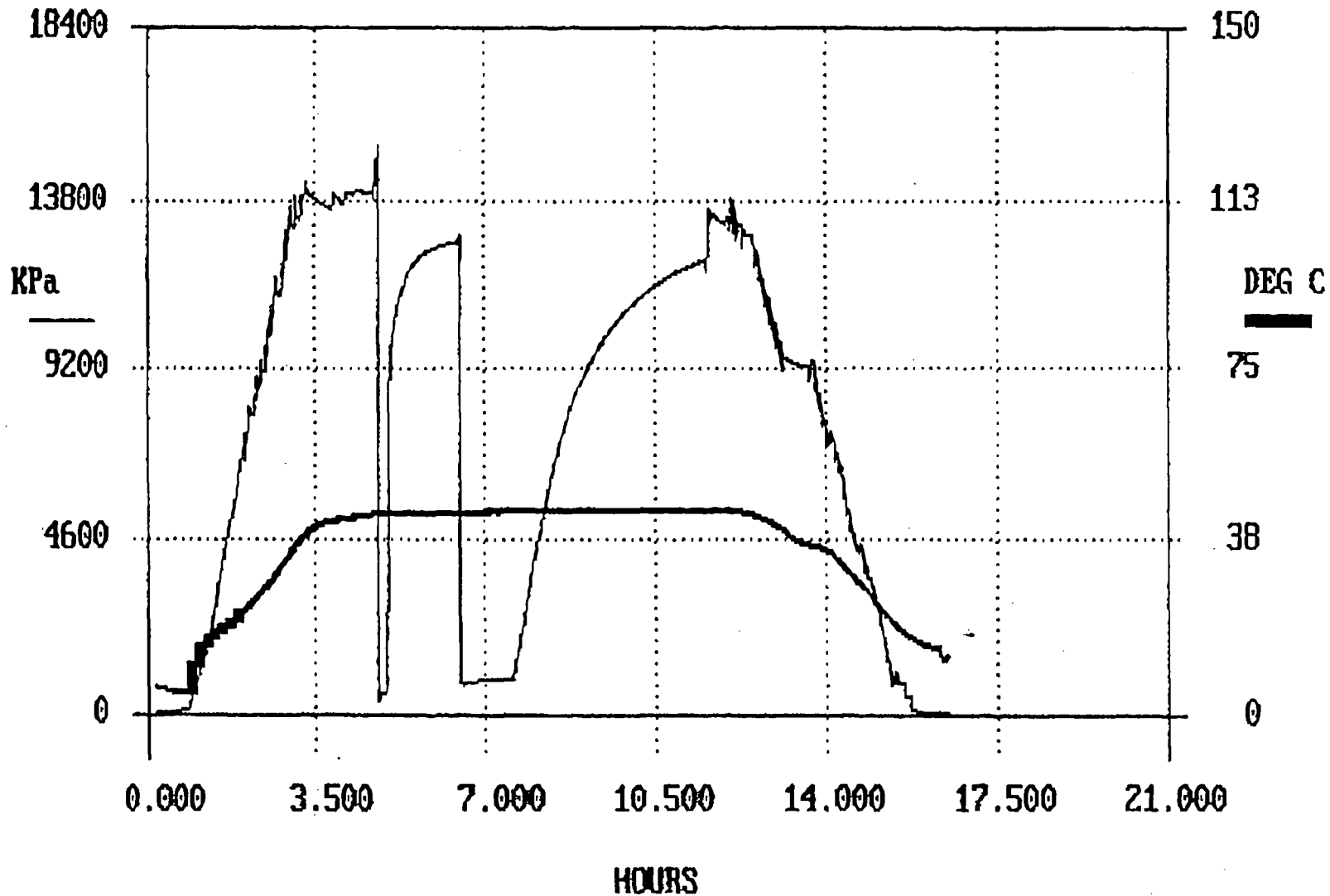


14036204647

P.05

FILE: <C:\ALP_IN\B3002247.065>

s/n 65 PARAMOUNT RES.LTD 60-20-123-30 T#2-10000 11/30/00 INSIDE



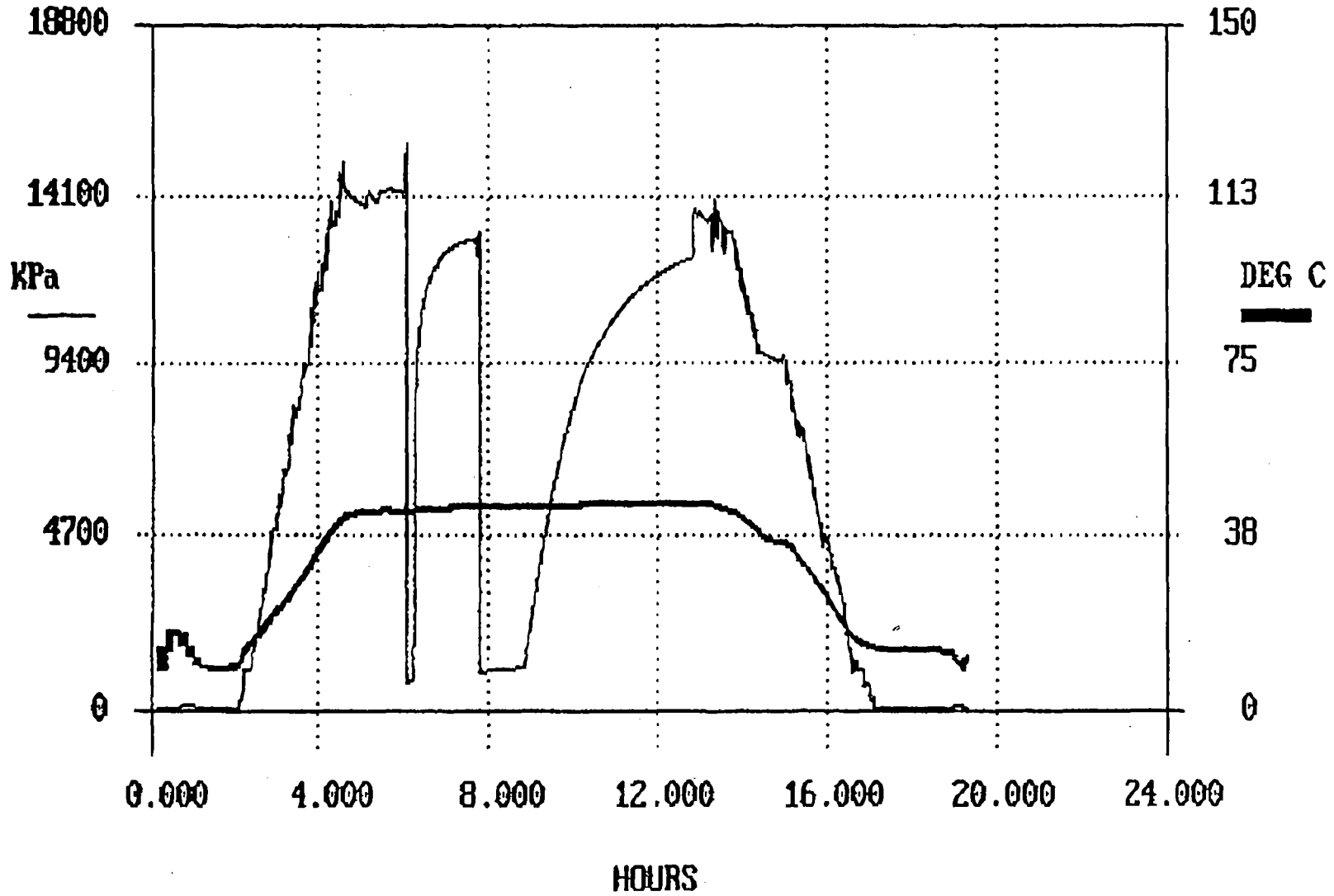
14030204647

P.06

FILE: <C:\ALP_IN\B3002130.066>

s/m 66 PARAMOUNT RES.LTD 60-20-123-30 T#2-10000 11/30/00 OUTSIDE

14036204647
02:00 10:00 AM Gary Johnson

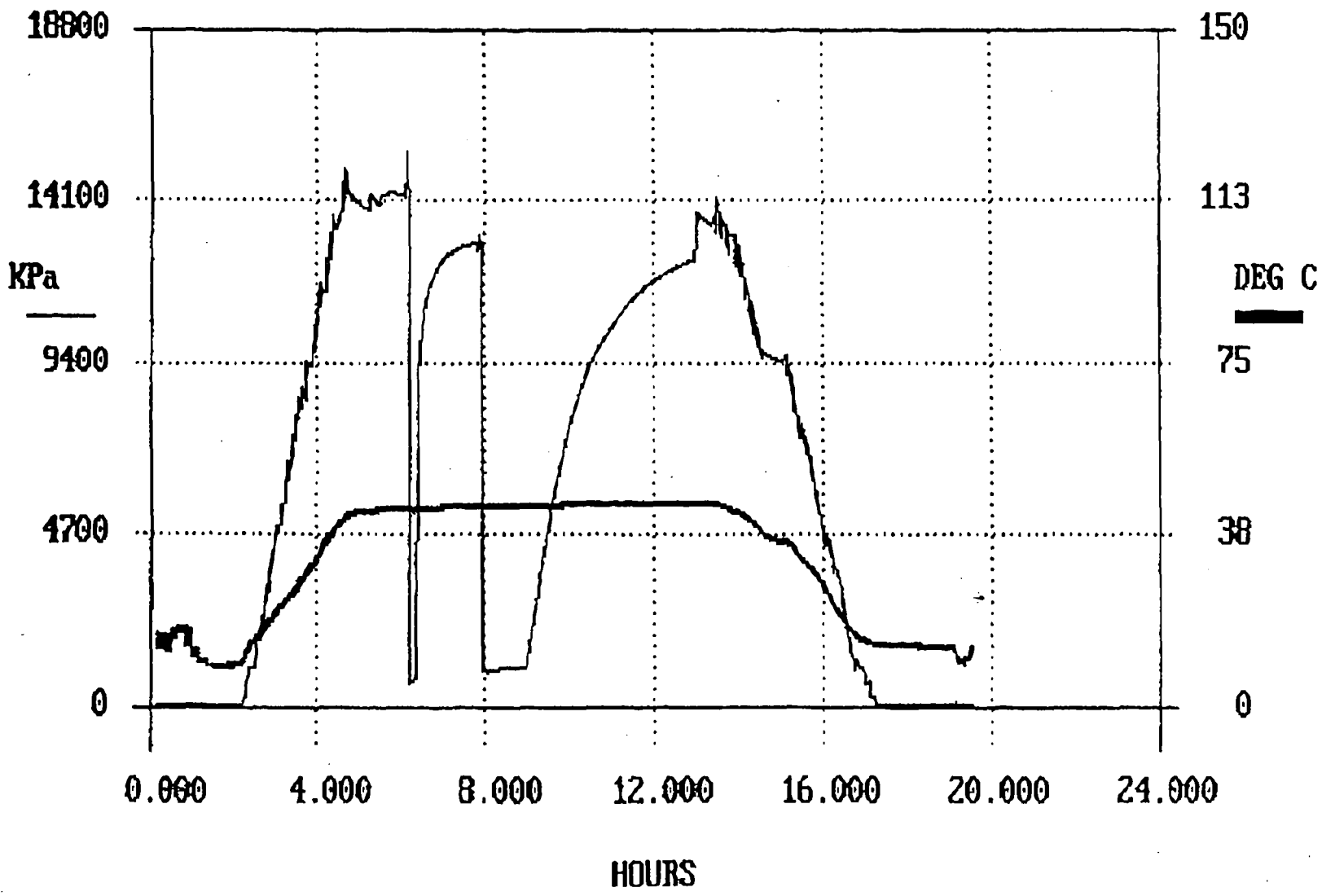


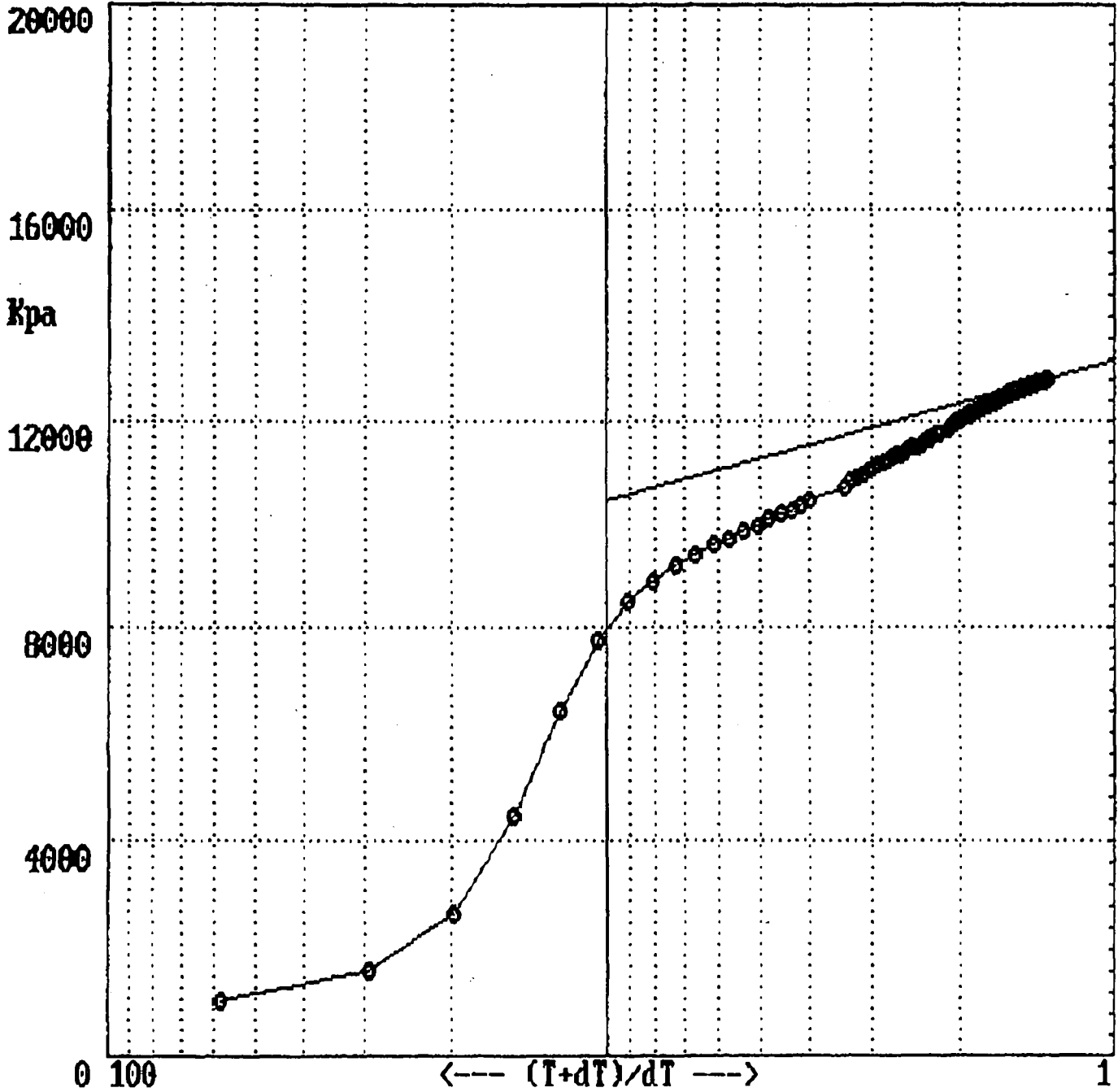
FILE: <C:\ALP_IN\B3002122.160>

s/n 160 PARAMOUNT RES.LTD 60-20-123-30 T#2-10000 11/30/00 OUTSIDE

14036204647

PLU 02-00 10:57 AM Gary Johansson





HORNER PLOT
SHUT-IN # 1

SLOPE =
2661.0
kPa/cycle

Extrapolated
Pressure =
13133.8
Kpa

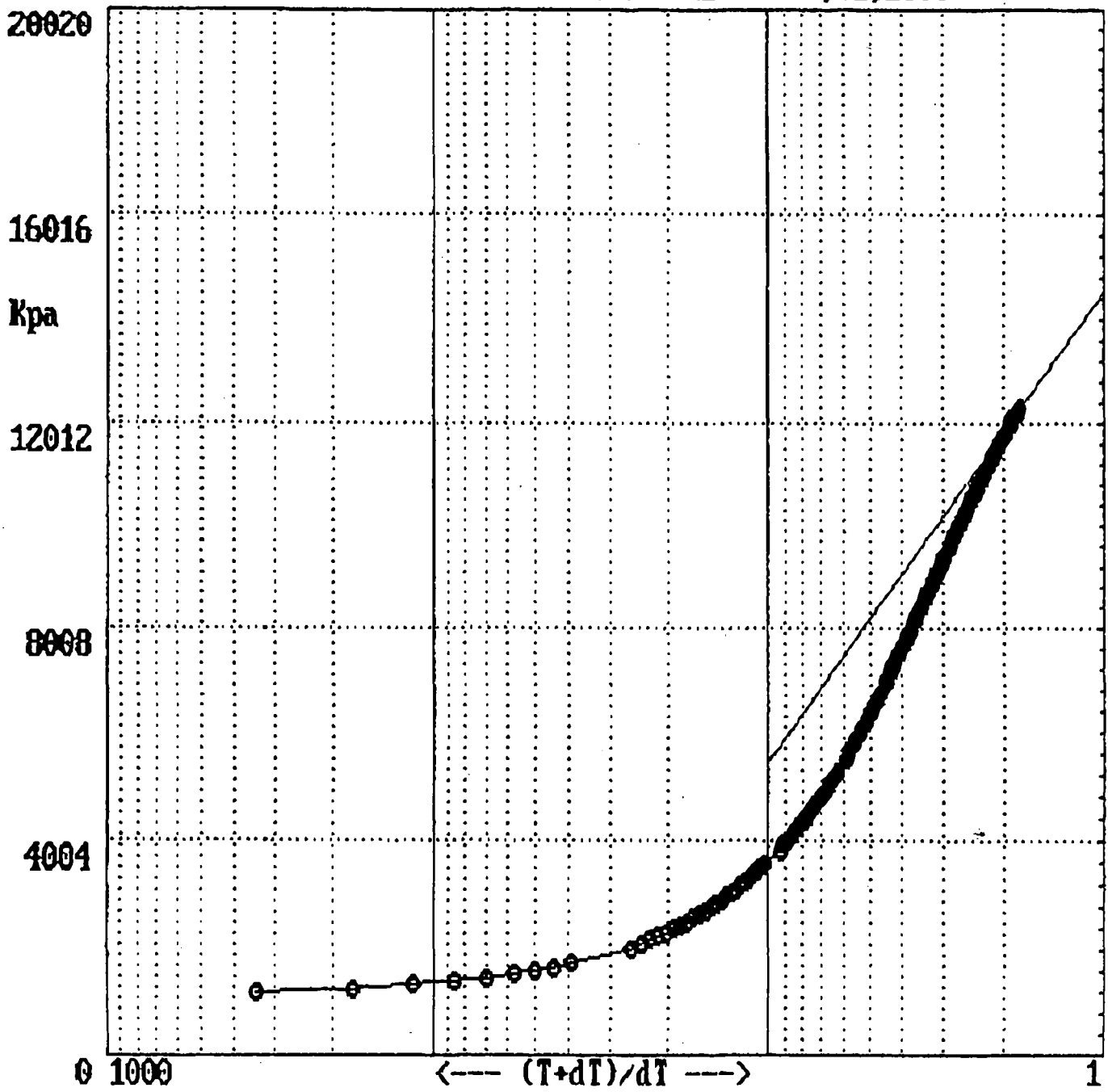
...RA ET AL MOUNT COTY 60-20-123-30 LSD 1-02/60-20-123-30/0
DST# 5 MATTSON (1134.0m - 1140.0m KB) DEC,01,2000

P.14

14036204647

GARY JOHANSSON

00 04 00 10.01 MIN



HORNER PLOT
SHUT-IN # 2

SLOPE =
9135.7
kPa/cycle

Extrapolated
Pressure =
14589.4 ← not
Kpa usable