

9211-P33-6-2

REF#:C-76-921-09000-66

A52

TEST DATE: 91/02/23

PARAMOUNT ET AL SWEDE 60.111/117.395
400/ 60.111 / 117.395 /00
DST#02
1475.00m to 1486.00m
KEG RIVER

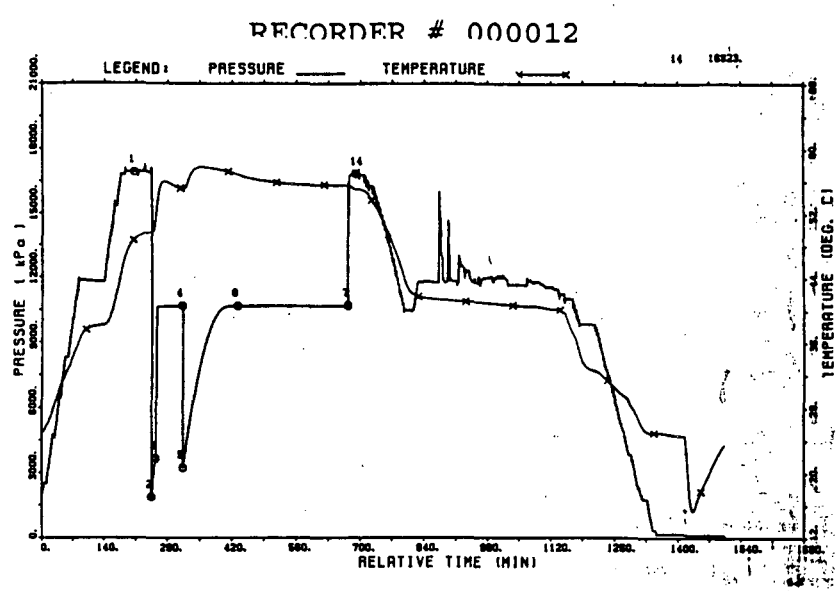
OTTAWA COPY

DEPTH: 1477.00m

PRESSURE
kPa

- 1)Initial Hydro : 16906.
- 2)1st Flow Start: 1892.
- 3)1st Flow End : 3665.
- 4)END 1st Shutin: 10689.
- 5)2nd Flow Start: 3237.
- 6)2nd Flow End : 10685.
- 7)END 2nd Shutin: 10692.
- 14)Final Hydro. : 16823.

TEST TIMES(MIN)
1stFLOW : 9.0
SHUTIN: 58.0
2ndFLOW : 119.0
SHUTIN: 240.5



RECOVERY DATA

TOTAL FLUID RECOVERY CONSISTED OF 1020 METERS OF INHIBITOR AND MUD CUT SALT WATER. NO GAS TO SURFACE.

REMARKS AND TEST SUMMARY

Test results indicate a mechanically successful test. Bottom hole pressures and the shape of the shut-in curves suggest HIGH PERMEABILITY within the interval tested. The hydrostatic pressure of the fluid recovered equalized with the formation pressure during the final flow. Prior to starting the test 180 liters of Inhibitor and water was added to the drill pipe. The Hydrogen Sulphide content was 15%.

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Blow Description	Recorder Summary	-TIME	Reservoir Calculations
Liquid Recovery	Mud and Hole Data	LISTING	-Parameters used
Gas Measurements			-Results

***** RECORDER PAGES & FIGURES *****

BAKER OIL TOOLS CANADA
DST#02 REPORT

p.1

Well name : PARAMOUNT ET AL SWEDE 60.111/117.395 K.B.Elevation : 697.18m
Location : 400/ 60.111 / 117.395 /00 Grd.Elevation : 692.60m
Interval : 1475.00m to 1486.00m TD @ test Date: 1496.00m
Test Date : 91/02/23 Ticket Number : 82096
Test Type : INFLATE STRADDLE Unit Number : 790203
Formation : KEG RIVER

Started in hole at :
Tool opened at : 0213 hrs
Reverse circulated?: YES
Contractor & Rig No: COMANCHE #2
Baker#2 : 1 of 1 on the same trip.

Operator: PARAMOUNT RESOURCES LTD.
4100
350 - 7TH AVE. S.W.
CALGARY ALBERTA
T2P3W5

Company Rep : GERRY SANDERS
Testers : MCLAREN G

5 REPORTS(S) TO: PHIL BESLER
Company:

BLOW DESCRIPTION

PREFLOW: Weak air blow increasing to fair air blow in 2.5 minutes remaining steady throughout. No gas to surface.
FINAL FLOW: Weak air blow increasing to fair air blow in 2.5 minutes steady for 100 minutes then decreasing to weak. No gas to surface.

TOTAL LIQUID RECOVERY : 1020.00m

For DST# 2 through DST# 2
6 Fluid Samples
Sent to: AGAT

Field Est. Salinity :130000.0g/m3

Btm. Hole Sampler #: 91
Sent to: AGAT

1020.00m INHIBITOR AND MUD CUT SALT WATER.

GAS MEASUREMENTS

No Gas Measurements

TOOL SEQUENCE

RECORDER SUMMARY

SUB	LENGTH (m)
PUMP OUT SUB	.30
CROSS OVER SUB	.30
INSIDE RECORDER	1.38
HYDRAULIC TOOL	1.50
BTM. HOLE SAMPLER	1.03
HYDRAULIC JARS	2.22
INSIDE RECORDER	1.38
SAFETY JOINT	.65
INFLATE PUMP	2.38
SCREEN	1.16
TOP INFLATE PACKER	1.78
PACKER STICK DOWN	.82
PORTED COMB SUB	.30
OUTSIDE RECORDER	2.06
SPACING	7.29
PACKER STICK UP	.50
BTM. INFLATE PKR.	1.90
BELLY SPRING	2.60

1) NUMBER	: 000012	ZI ELECTRONIC
TYPE	: ZI	GAUGE.
LOCATION:	OUTSIDE	
RANGE:	68900.00kPa	
DEPTH	: 1477.00m	
2) NUMBER	: 007948	
TYPE	: K-3	
LOCATION:	OUTSIDE	
RANGE:	20700.00kPa	
DEPTH	: 1477.00m	
3) NUMBER	: 013462	ABOVE HYDRAULIC
TYPE	: K-3	TOOL.
LOCATION:	INSIDE	
RANGE:	14100.00kPa	
DEPTH	: 1462.00m	
4) NUMBER	: 020619	ABOVE INTERVAL.
TYPE	: K-3	CLOCK STOPPED,
LOCATION:	INSIDE	NO READINGS.
RANGE:	21400.00kPa	
DEPTH	: 1469.00m	

***** TOOL TOTAL 29.55
DRILL COLLARS
ID= 72.0mm: 150.26
ID= :

DRILL PIPE
OD=114.0mm: 1313.44
OD= :

COLLAR-PIPE TOTAL 1463.70

STICK UP ABOVE TABLE : 2.18
TOOL ABOVE INTERVAL : 13.48
TOTAL INTERVAL : 11.00
BOTTOM CHOKE SIZE: 25.40 mm

MUD AND HOLE DATA

Calipered Hole Size @ Test Depth:	Water Loss : 8.8cc/s
Hole Condition at Test Time : GOOD	Filter Cake:
Hole Conditioned Prior to Test? : NO	
Mud Weight : 1140.0 kg/m3	Main Hole Size: 222.00mm
Mud Type : GEL CHEMICAL	
Viscosity : 44.0s/l	Temperature @1477.00m = 55.4C

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
1	INITIAL HYDROSTATIC			16906	
2	START OF 1st FLOW	0.0		1892	
		.5		2081	
		1.0		2181	
		1.5		2224	
		2.0		2504	
		2.5		2632	
		3.0		2759	
		4.0		2946	
		4.5		3058	
		5.0		3191	
		5.5		3261	
		6.0		3309	
		6.5		3381	
		7.0		3451	
		8.0		3563	
		8.5		3613	
3	END OF 1st FLOW	9.0		3665	
	1st SHUTIN PERIOD	0.0		3665	
		1.5	6987	10652	7.0000
		3.5	6998	10663	3.5714
		5.0	7002	10667	2.8000
		7.0	7007	10671	2.2857
		8.5	7010	10674	2.0588
		10.0	7013	10677	1.9000
		12.0	7015	10679	1.7500
		13.5	7017	10681	1.6667*
		15.5	7018	10683	1.5806*
		17.0	7019	10684	1.5294*
		19.0	7020	10684	1.4737*
		20.5	7020	10685	1.4390*
		22.0	7021	10685	1.4091*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3a

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		24.0	7022	10686	1.3750*
		25.5	7022	10686	1.3529*
		27.5	7022	10687	1.3273*
		29.0	7022	10687	1.3103*
		31.0	7023	10687	1.2903*
		32.5	7023	10687	1.2769*
		34.0	7023	10688	1.2647*
		36.0	7024	10688	1.2500*
		37.5	7024	10688	1.2400*
		39.5	7024	10688	1.2278*
		41.0	7024	10688	1.2195*
		43.0	7024	10688	1.2093*
		44.5	7024	10688	1.2022*
		46.0	7024	10689	1.1957*
		48.0	7024	10688	1.1875*
		49.5	7024	10689	1.1818*
		51.5	7024	10689	1.1748*
		53.0	7024	10689	1.1698*
		55.0	7024	10689	1.1636*
		56.5	7024	10689	1.1593*
4	END OF 1st SHUTIN	58.0	7024	10689	1.1552*
5	START OF 2nd FLOW	0.0		3237	
		3.0		3690	
		5.5		4072	
		8.5		4508	
		11.5		4938	
		14.0		5279	
		17.0		5678	
		20.0		6068	
		23.0		6432	
		25.5		6721	
		28.5		7060	
		31.5		7381	
		34.0		7636	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3b

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		37.0		7935	
		40.0		8208	
		43.0		8472	
		45.5		8674	
		48.5		8918	
		51.5		9128	
		54.0		9299	
		57.0		9490	
		60.0		9665	
		63.0		9827	
		65.5		9955	
		68.5		10089	
		71.5		10209	
		74.0		10297	
		77.0		10384	
		80.0		10466	
		83.0		10532	
		85.5		10583	
		88.5		10622	
		91.5		10646	
		94.0		10662	
		97.0		10674	
		100.0		10680	
		103.0		10682	
		105.5		10682	
		108.5		10683	
		111.5		10684	
		114.0		10684	
		117.0		10685	
6	END OF 2nd FLOW	119.0		10685	
	2nd SHUTIN PERIOD	0.0		10685	
		4.0	0	10685	33.0000
		8.0	1	10686	17.0000
		12.0	1	10686	11.6667

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3c

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		16.0	2	10687	9.0000
		20.0	2	10687	7.4000
		24.0	2	10687	6.3333
		28.0	2	10687	5.5714
		32.0	2	10687	5.0000
		36.0	2	10687	4.5556
		40.0	3	10688	4.2000
		44.0	3	10688	3.9091
		48.0	3	10688	3.6667
		52.0	3	10688	3.4615
		56.0	3	10688	3.2857
		60.0	3	10688	3.1333
		64.0	3	10688	3.0000
		68.0	3	10688	2.8824*
		72.0	3	10688	2.7778*
		76.0	3	10688	2.6842*
		80.0	3	10688	2.6000*
		84.0	4	10689	2.5238*
		88.0	4	10689	2.4545*
		92.0	4	10689	2.3913*
		96.0	4	10689	2.3333*
		100.0	4	10689	2.2800*
		104.0	4	10689	2.2308*
		108.0	4	10689	2.1852*
		112.0	4	10689	2.1429*
		116.0	4	10689	2.1034*
		120.0	4	10689	2.0667*
		124.0	4	10689	2.0323*
		128.0	4	10689	2.0000*
		132.0	4	10689	1.9697*
		136.0	4	10689	1.9412*
		140.0	4	10689	1.9143*
		144.0	4	10689	1.8889*
		148.0	4	10689	1.8649*
		152.0	4	10689	1.8421*
		156.0	4	10689	1.8205*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3d

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		160.0	4	10689	1.8000*
		164.0	4	10689	1.7805*
		168.0	4	10689	1.7619*
		172.0	4	10689	1.7442*
		176.0	4	10689	1.7273*
		180.0	4	10689	1.7111*
		184.0	4	10689	1.6957*
		188.0	4	10689	1.6809*
		192.0	4	10689	1.6667*
		196.0	4	10689	1.6531*
		200.0	4	10689	1.6400*
		204.0	4	10689	1.6275*
		208.0	4	10689	1.6154*
		212.0	4	10689	1.6038*
		216.0	4	10689	1.5926*
		220.0	4	10689	1.5818*
		224.0	4	10689	1.5714*
		228.0	4	10689	1.5614*
		232.0	4	10689	1.5517*
		236.0	4	10689	1.5424*
		240.0	4	10689	1.5333*
7	END OF 2nd SHUTIN	240.5	7	10692	1.5322*
14	FINAL HYDROSTATIC			16823	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3e

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

1st SHUT-IN

HORNER EXTRAPOLATION 10692.09 kPa
HORNER SLOPE 46.32291 kPa/cycle

2nd SHUT-IN

HORNER EXTRAPOLATION 10689.86 kPa
HORNER SLOPE 3.73157 kPa/cycle

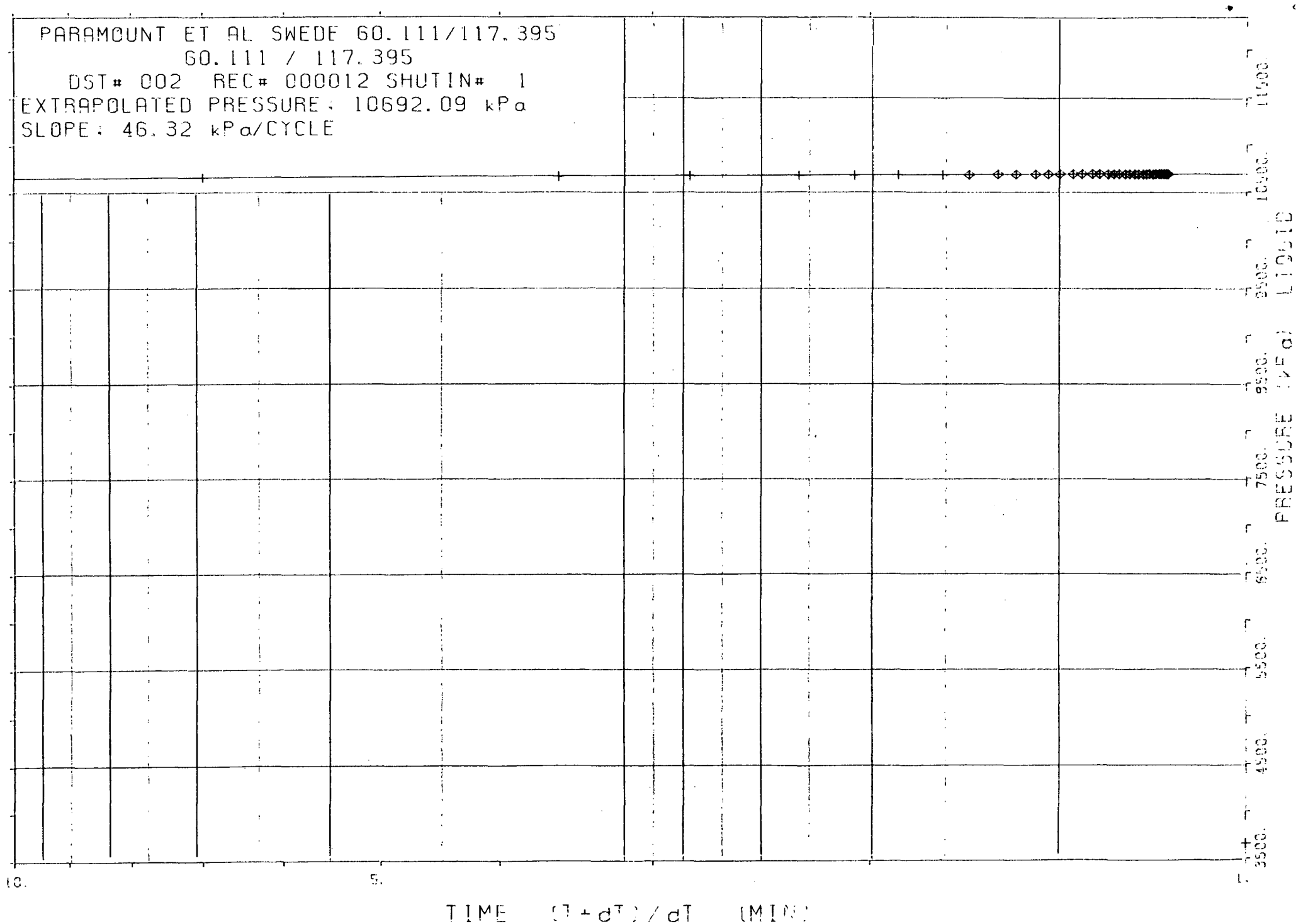
PARAMCUNT ET AL SWEDE 60.111/117.395

60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 1

EXTRAPOLATED PRESSURE: 10692.09 kPa

SLOPE: 46.32 kPa/CYCLE



PARAMOUNT ET AL. SWEDE 60.111/117.395

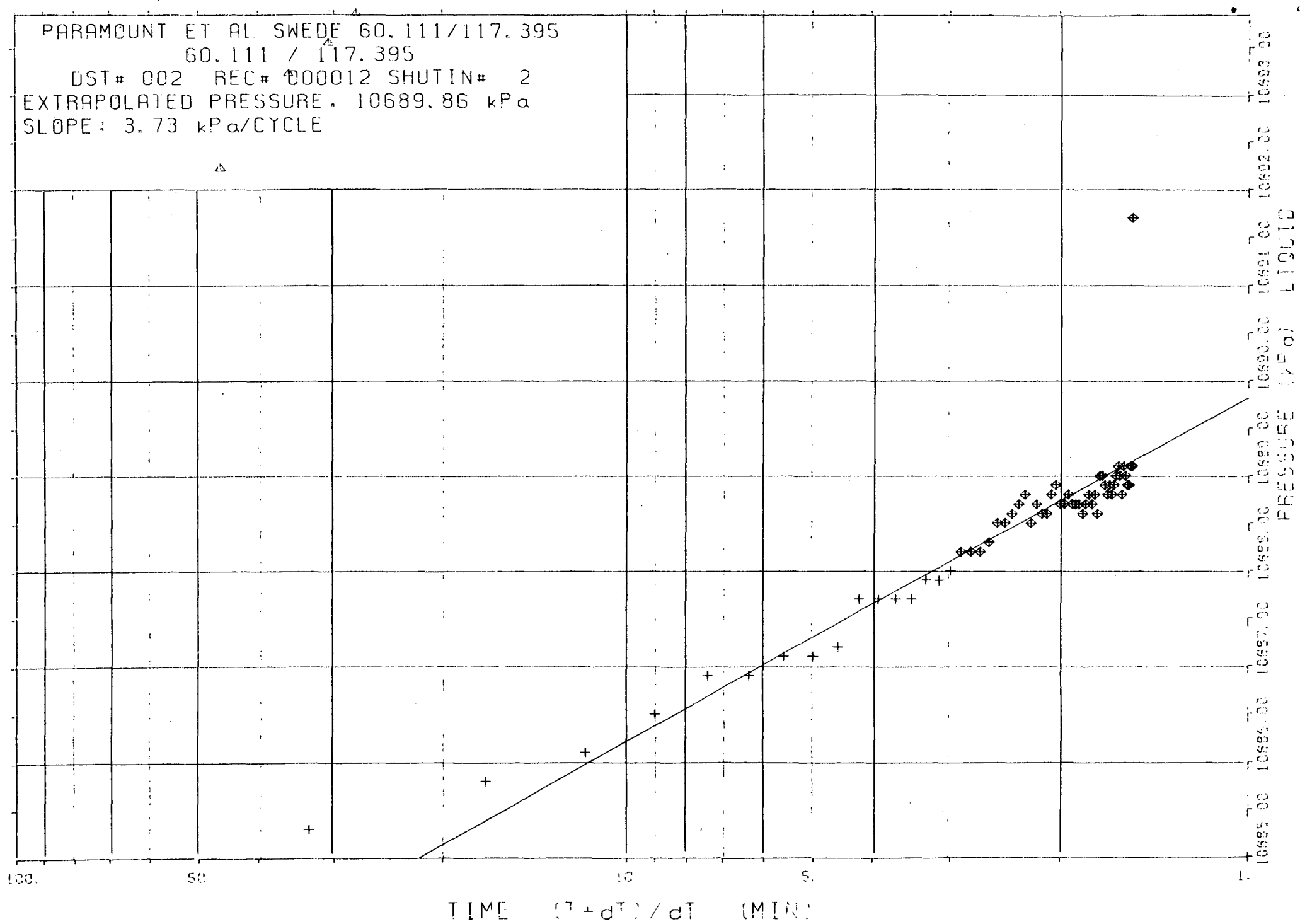
60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 2

EXTRAPOLATED PRESSURE. 10689.86 kPa

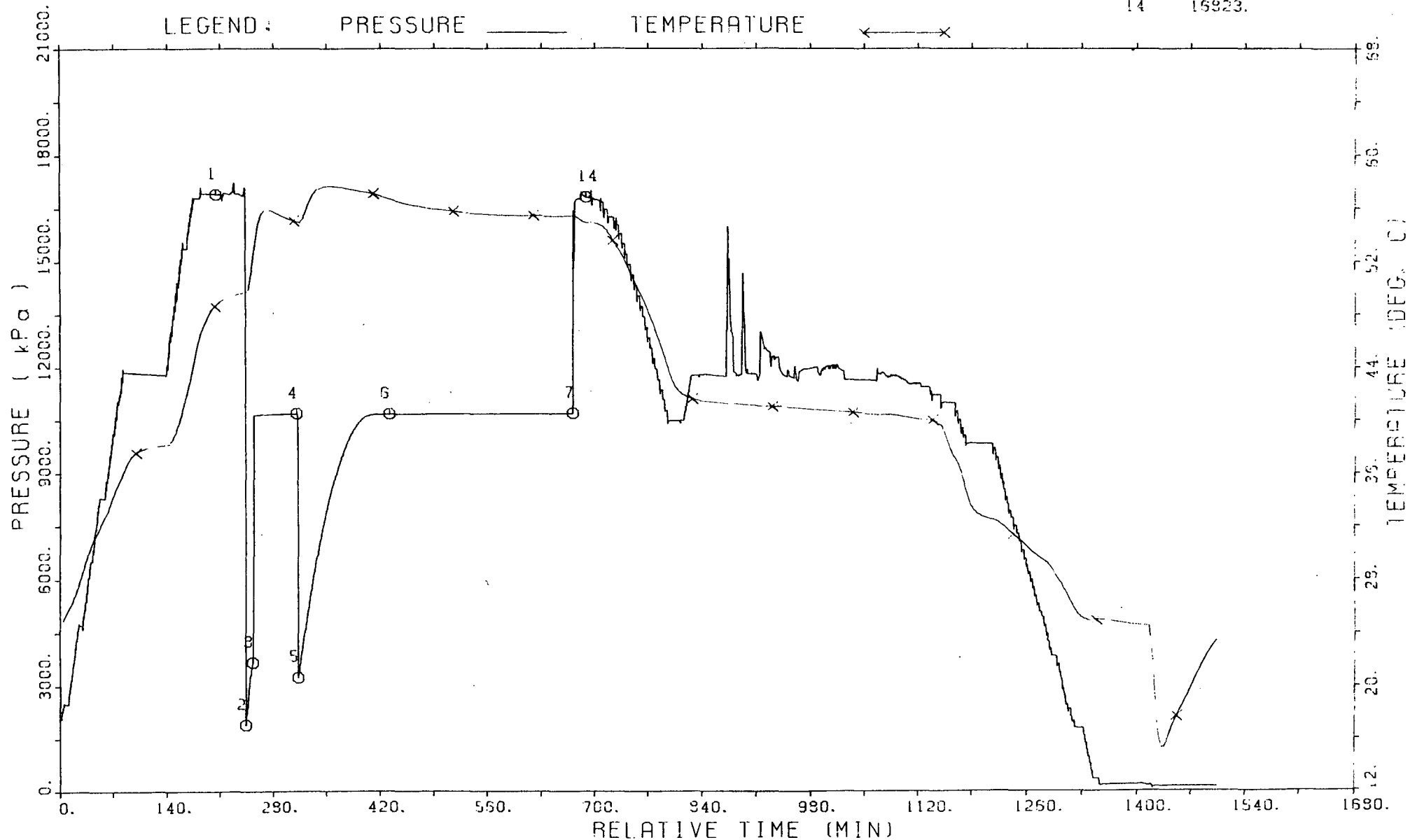
SLOPE: 3.73 kPa/CYCLE

△



PARAMOUNT ET AL SWEDE A-52
 GO. 111/117.395 DST #2
 ZI ELECTRONIC GAUGE #12

LEGEND - O 1 = 15905. kPa
 2 = 15902.
 3 = 3665.
 4 = 10590.
 5 = 3237.
 6 = 10595.
 7 = 10592.
 14 = 15923.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

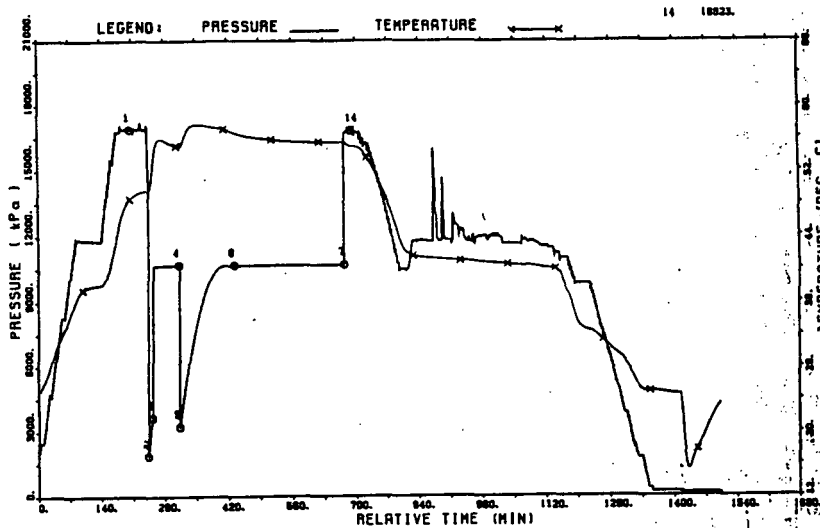
PRESSURE RECORDER NUMBER : 000012

DEPTH : 1477.00m LOCATION : OUTSIDE
TYPE : ZI CAPACITY : 68900.00 kPa

PRESSURE
kPa

***** TEMPERATURE AT RECORDER DEPTH = 55.4 C

- 1) Initial Hydro :16906.
- 2) 1st Flow Start: 1892.
- 3) 1st Flow End : 3665.
- 4) END 1st Shutin:10689.
- 5) 2nd Flow Start: 3237.
- 6) 2nd Flow End :10685.
- 7) END 2nd Shutin:10692.
- 14) Final Hydro. :16823.



ZI ELECTRONIC
GAUGE.

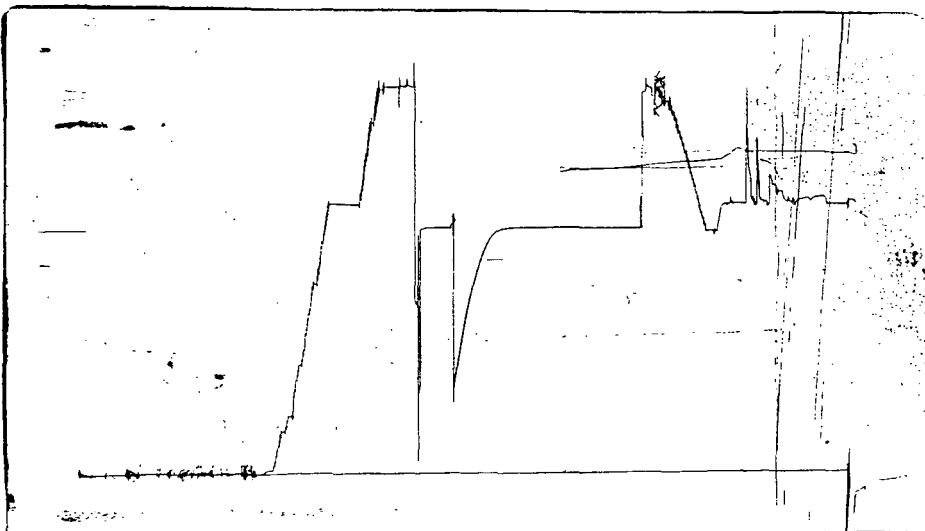
TEST TIMES(MIN)
1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

PRESSURE RECORDER NUMBER : 007948

DEPTH : 1477.00m LOCATION : OUTSIDE
TYPE : K-3 CAPACITY : 20700.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :16985.
- 2) 1st Flow Start: 567.
- 3) 1st Flow End : 3857.
- 4) END 1st Shutin:10769.
- 5) 2nd Flow Start: 3103.
- 6) 2nd Flow End :10758.
- 7) END 2nd Shutin:10760.
- 14) Final Hydro. :16918.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

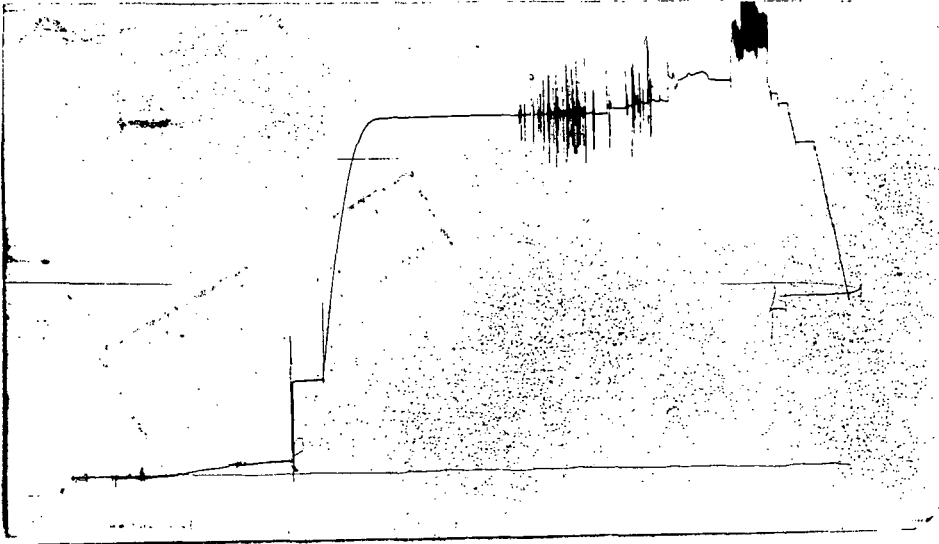
PRESSURE RECORDER NUMBER : 013462

DEPTH : 1462.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 14100.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 2) 1st Flow Start: 397.
- 3) 1st Flow End : 2814.
- 4) END 1st Shutin:
- 5) 2nd Flow Start: 2814.
- 6) 2nd Flow End : 10600.
- 7) END 2nd Shutin: 10600.
- 14) Final Hydro. :



ABOVE HYDRAULIC
TOOL.

TEST TIMES (MIN)
1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

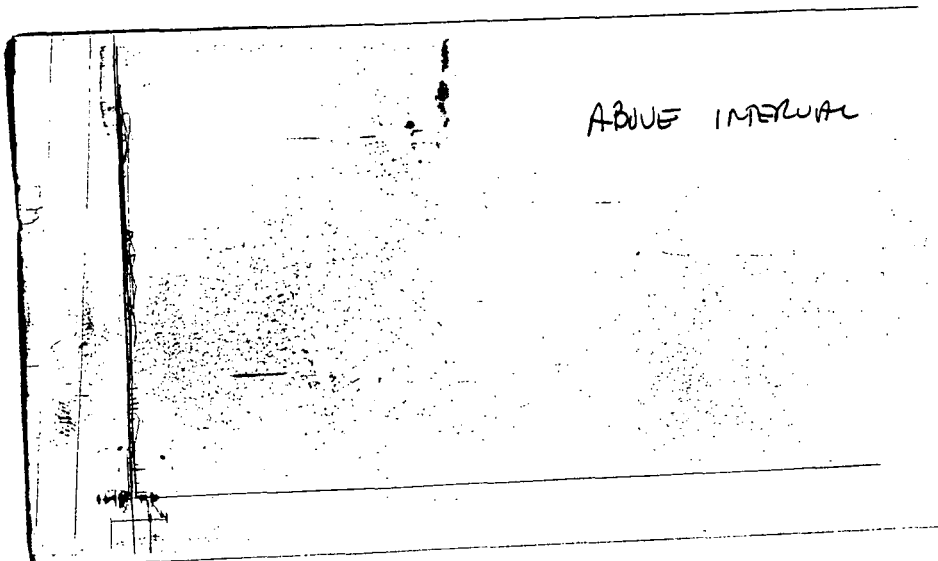
PRESSURE RECORDER NUMBER : 020619

DEPTH : 1469.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21400.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 14) Final Hydro. :



ABOVE INTERVAL.
CLOCK STOPPED,
NO READINGS.

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PÉTROLE ET DU
GAZ DES TERRES DU CANADA
MAR 6 1991
ENGINEERING AND CONTROL
BRANCH
TECHNIQUE ET DU CONTRÔLE

9211-P33-6-2

CALGARY COPY

REF#:C-76-921-09000-66

TEST DATE: 91/02/23

PARAMOUNT ET AL SWEDE 60.111/117.395

400/ 60.111 / 117.395 /00

DST#02

1475.00m to 1486.00m

KEG RIVER

DEPTH: 1477.00m

PRESSURE
kPa

- 1) Initial Hydro : 16906.
- 2) 1st Flow Start: 1892.
- 3) 1st Flow End : 3665.
- 4) END 1st Shutin: 10689.
- 5) 2nd Flow Start: 3237.
- 6) 2nd Flow End : 10685.
- 7) END 2nd Shutin: 10692.
- 14) Final Hydro. : 16823.

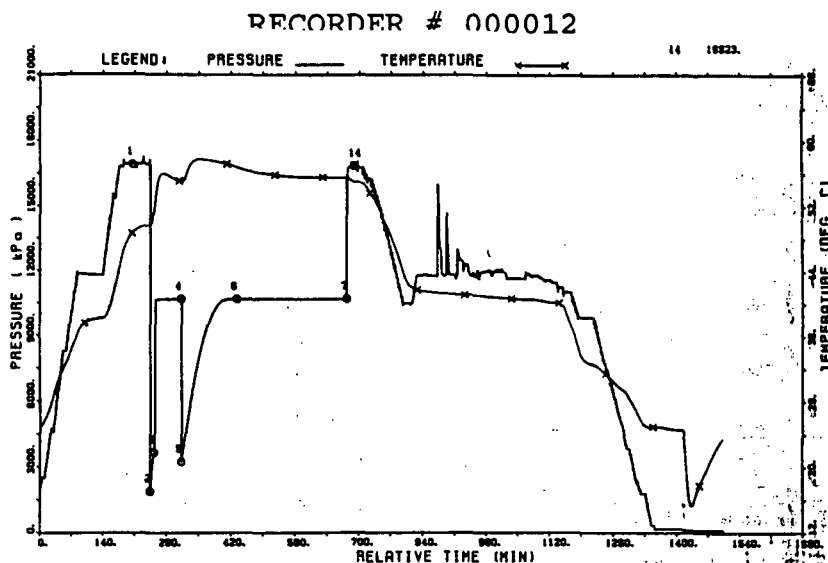
TEST TIMES (MIN)

1stFLOW : 9.0

SHUTIN: 58.0

2ndFLOW : 119.0

SHUTIN: 240.5



RECOVERY DATA

TOTAL FLUID RECOVERY CONSISTED OF 1020 METERS OF INHIBITOR AND MUD
CUT SALT WATER. NO GAS TO SURFACE.

REMARKS AND TEST SUMMARY

Test results indicate a mechanically successful test. Bottom hole pressures and the shape of the shut-in curves suggest HIGH PERMEABILITY within the interval tested. The hydrostatic pressure of the fluid recovered equalized with the formation pressure during the final flow. Prior to starting the test 180 liters of Inhibitor and water was added to the drill pipe. The Hydrogen Sulphide content was 15%.

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Liquid Recovery	Mud and Hole Data	LISTING	-Parameters used
Gas Measurements			-Results

***** RECORDER PAGES & FIGURES *****

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PÉTROLE ET DU
GAZ DES PROVINCES DU CANADA

MAR 6 1991

BAKER OIL TOOLS CANADA
DST#02 REPORT

p.1

Well name : PARAMOUNT ET AL SWEDE 60.111/117.395 K.B.Elevation : 697.18m
Location : 400/ 60.111 / 117.395 /00 Grd.Elevation : 692.60m
Interval : 1475.00m to 1486.00m TD @ test Date: 1496.00m
Test Date : 91/02/23 Ticket Number : 82096
Test Type : INFLATE STRADDLE Unit Number : 790203
Formation : KEG RIVER

Started in hole at :
Tool opened at : 0213 hrs
Reverse circulated?: YES
Contractor & Rig No: COMANCHE #2
Baker#2 : 1 of 1 on the same trip.

Operator: PARAMOUNT RESOURCES LTD.
4100
350 - 7TH AVE. S.W.
CALGARY ALBERTA
T2P3W5

Company Rep : GERRY SANDERS
Testers : MCLAREN G

5 REPORTS(S) TO: PHIL BESLER
Company:

BLOW DESCRIPTION

PREFLOW: Weak air blow increasing to fair air blow in 2.5 minutes remaining steady throughout. No gas to surface.
FINAL FLOW: Weak air blow increasing to fair air blow in 2.5 minutes steady for 100 minutes then decreasing to weak. No gas to surface.

TOTAL LIQUID RECOVERY : 1020.00m

For DST# 2 through DST# 2
6 Fluid Samples
Sent to: AGAT

Field Est. Salinity :130000.0g/m3

Btm. Hole Sampler #: 91
Sent to: AGAT

1020.00m INHIBITOR AND MUD CUT SALT WATER.

GAS MEASUREMENTS

No Gas Measurements

TOOL SEQUENCE

RECORDER SUMMARY

SUB	LENGTH (m)
PUMP OUT SUB	.30
CROSS OVER SUB	.30
INSIDE RECORDER	1.38
HYDRAULIC TOOL	1.50
BTM. HOLE SAMPLER	1.03
HYDRAULIC JARS	2.22
INSIDE RECORDER	1.38
SAFETY JOINT	.65
INFLATE PUMP	2.38
SCREEN	1.16
TOP INFLATE PACKER	1.78
PACKER STICK DOWN	.82
PORTED COMB SUB	.30
OUTSIDE RECORDER	2.06
SPACING	7.29
PACKER STICK UP	.50
BTM. INFLATE PKR.	1.90
BELLY SPRING	2.60

1) NUMBER : 000012	ZI ELECTRONIC
TYPE : ZI	GAUGE.
LOCATION: OUTSIDE	
RANGE: 68900.00kPa	
DEPTH : 1477.00m	
2) NUMBER : 007948	
TYPE : K-3	
LOCATION: OUTSIDE	
RANGE: 20700.00kPa	
DEPTH : 1477.00m	
3) NUMBER : 013462	ABOVE HYDRAULIC
TYPE : K-3	TOOL.
LOCATION: INSIDE	
RANGE: 14100.00kPa	
DEPTH : 1462.00m	
4) NUMBER : 020619	ABOVE INTERVAL.
TYPE : K-3	CLOCK STOPPED,
LOCATION: INSIDE	NO READINGS.
RANGE: 21400.00kPa	
DEPTH : 1469.00m	

***** TOOL TOTAL 29.55

DRILL COLLARS

ID= 72.0mm: 150.26

ID= :

DRILL PIPE

OD=114.0mm: 1313.44

OD= :

COLLAR-PIPE TOTAL 1463.70

STICK UP ABOVE TABLE : 2.18

TOOL ABOVE INTERVAL : 13.48

TOTAL INTERVAL : 11.00

BOTTOM CHOKE SIZE: 25.40 mm

MUD AND HOLE DATA

Calipered Hole Size @ Test Depth:	Water Loss : 8.8cc/s
Hole Condition at Test Time : GOOD	Filter Cake:
Hole Conditioned Prior to Test? : NO	
Mud Weight : 1140.0 kg/m3	Main Hole Size: 222.00mm
Mud Type : GEL CHEMICAL	
Viscosity : 44.0s/l	Temperature @1477.00m = 55.4C

DST#02
 PARAMOUNT ET AL SWEDE 60.111/117.395
 1475.00 m to 1486.00 m

p.3

Location: 400/ 60.111 / 117.395 /00
 Test Type: INFLATE STRADDLE
 Formation: KEG RIVER

Recorder Number: 000012
 Recorder Depth: 1477.00 m
 Subsea Depth: -779.82 m

TIME-PRESSURE LISTING -----

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
1	INITIAL HYDROSTATIC			16906	
2	START OF 1st FLOW	0.0		1892	
		.5		2081	
		1.0		2181	
		1.5		2224	
		2.0		2504	
		2.5		2632	
		3.0		2759	
		4.0		2946	
		4.5		3058	
		5.0		3191	
		5.5		3261	
		6.0		3309	
		6.5		3381	
		7.0		3451	
		8.0		3563	
		8.5		3613	
3	END OF 1st FLOW	9.0		3665	
	1st SHUTIN PERIOD	0.0		3665	
		1.5	6987	10652	7.0000
		3.5	6998	10663	3.5714
		5.0	7002	10667	2.8000
		7.0	7007	10671	2.2857
		8.5	7010	10674	2.0588
		10.0	7013	10677	1.9000
		12.0	7015	10679	1.7500
		13.5	7017	10681	1.6667*
		15.5	7018	10683	1.5806*
		17.0	7019	10684	1.5294*
		19.0	7020	10684	1.4737*
		20.5	7020	10685	1.4390*
		22.0	7021	10685	1.4091*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3a

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		24.0	7022	10686	1.3750*
		25.5	7022	10686	1.3529*
		27.5	7022	10687	1.3273*
		29.0	7022	10687	1.3103*
		31.0	7023	10687	1.2903*
		32.5	7023	10687	1.2769*
		34.0	7023	10688	1.2647*
		36.0	7024	10688	1.2500*
		37.5	7024	10688	1.2400*
		39.5	7024	10688	1.2278*
		41.0	7024	10688	1.2195*
		43.0	7024	10688	1.2093*
		44.5	7024	10688	1.2022*
		46.0	7024	10689	1.1957*
		48.0	7024	10688	1.1875*
		49.5	7024	10689	1.1818*
		51.5	7024	10689	1.1748*
		53.0	7024	10689	1.1698*
		55.0	7024	10689	1.1636*
		56.5	7024	10689	1.1593*
4	END OF 1st SHUTIN	58.0	7024	10689	1.1552*
5	START OF 2nd FLOW	0.0		3237	
		3.0		3690	
		5.5		4072	
		8.5		4508	
		11.5		4938	
		14.0		5279	
		17.0		5678	
		20.0		6068	
		23.0		6432	
		25.5		6721	
		28.5		7060	
		31.5		7381	
		34.0		7636	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
 PARAMOUNT ET AL SWEDE 60.111/117.395
 1475.00 m to 1486.00 m

p.3b

Location: 400/ 60.111 / 117.395 /00
 Test Type: INFLATE STRADDLE
 Formation: KEG RIVER

Recorder Number: 000012
 Recorder Depth: 1477.00 m
 Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		37.0		7935	
		40.0		8208	
		43.0		8472	
		45.5		8674	
		48.5		8918	
		51.5		9128	
		54.0		9299	
		57.0		9490	
		60.0		9665	
		63.0		9827	
		65.5		9955	
		68.5		10089	
		71.5		10209	
		74.0		10297	
		77.0		10384	
		80.0		10466	
		83.0		10532	
		85.5		10583	
		88.5		10622	
		91.5		10646	
		94.0		10662	
		97.0		10674	
		100.0		10680	
		103.0		10682	
		105.5		10682	
		108.5		10683	
		111.5		10684	
		114.0		10684	
		117.0		10685	
6	END OF 2nd FLOW	119.0		10685	
	2nd SHUTIN PERIOD	0.0		10685	
		4.0	0	10685	33.0000
		8.0	1	10686	17.0000
		12.0	1	10686	11.6667

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3c

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		16.0	2	10687	9.0000
		20.0	2	10687	7.4000
		24.0	2	10687	6.3333
		28.0	2	10687	5.5714
		32.0	2	10687	5.0000
		36.0	2	10687	4.5556
		40.0	3	10688	4.2000
		44.0	3	10688	3.9091
		48.0	3	10688	3.6667
		52.0	3	10688	3.4615
		56.0	3	10688	3.2857
		60.0	3	10688	3.1333
		64.0	3	10688	3.0000
		68.0	3	10688	2.8824*
		72.0	3	10688	2.7778*
		76.0	3	10688	2.6842*
		80.0	3	10688	2.6000*
		84.0	4	10689	2.5238*
		88.0	4	10689	2.4545*
		92.0	4	10689	2.3913*
		96.0	4	10689	2.3333*
		100.0	4	10689	2.2800*
		104.0	4	10689	2.2308*
		108.0	4	10689	2.1852*
		112.0	4	10689	2.1429*
		116.0	4	10689	2.1034*
		120.0	4	10689	2.0667*
		124.0	4	10689	2.0323*
		128.0	4	10689	2.0000*
		132.0	4	10689	1.9697*
		136.0	4	10689	1.9412*
		140.0	4	10689	1.9143*
		144.0	4	10689	1.8889*
		148.0	4	10689	1.8649*
		152.0	4	10689	1.8421*
		156.0	4	10689	1.8205*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3d

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		160.0	4	10689	1.8000*
		164.0	4	10689	1.7805*
		168.0	4	10689	1.7619*
		172.0	4	10689	1.7442*
		176.0	4	10689	1.7273*
		180.0	4	10689	1.7111*
		184.0	4	10689	1.6957*
		188.0	4	10689	1.6809*
		192.0	4	10689	1.6667*
		196.0	4	10689	1.6531*
		200.0	4	10689	1.6400*
		204.0	4	10689	1.6275*
		208.0	4	10689	1.6154*
		212.0	4	10689	1.6038*
		216.0	4	10689	1.5926*
		220.0	4	10689	1.5818*
		224.0	4	10689	1.5714*
		228.0	4	10689	1.5614*
		232.0	4	10689	1.5517*
		236.0	4	10689	1.5424*
		240.0	4	10689	1.5333*
7	END OF 2nd SHUTIN	240.5	7	10692	1.5322*
14	FINAL HYDROSTATIC			16823	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3e

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

1st SHUT-IN

HORNER EXTRAPOLATION 10692.09 kPa
HORNER SLOPE 46.32291 kPa/cycle

2nd SHUT-IN

HORNER EXTRAPOLATION 10689.86 kPa
HORNER SLOPE 3.73157 kPa/cycle

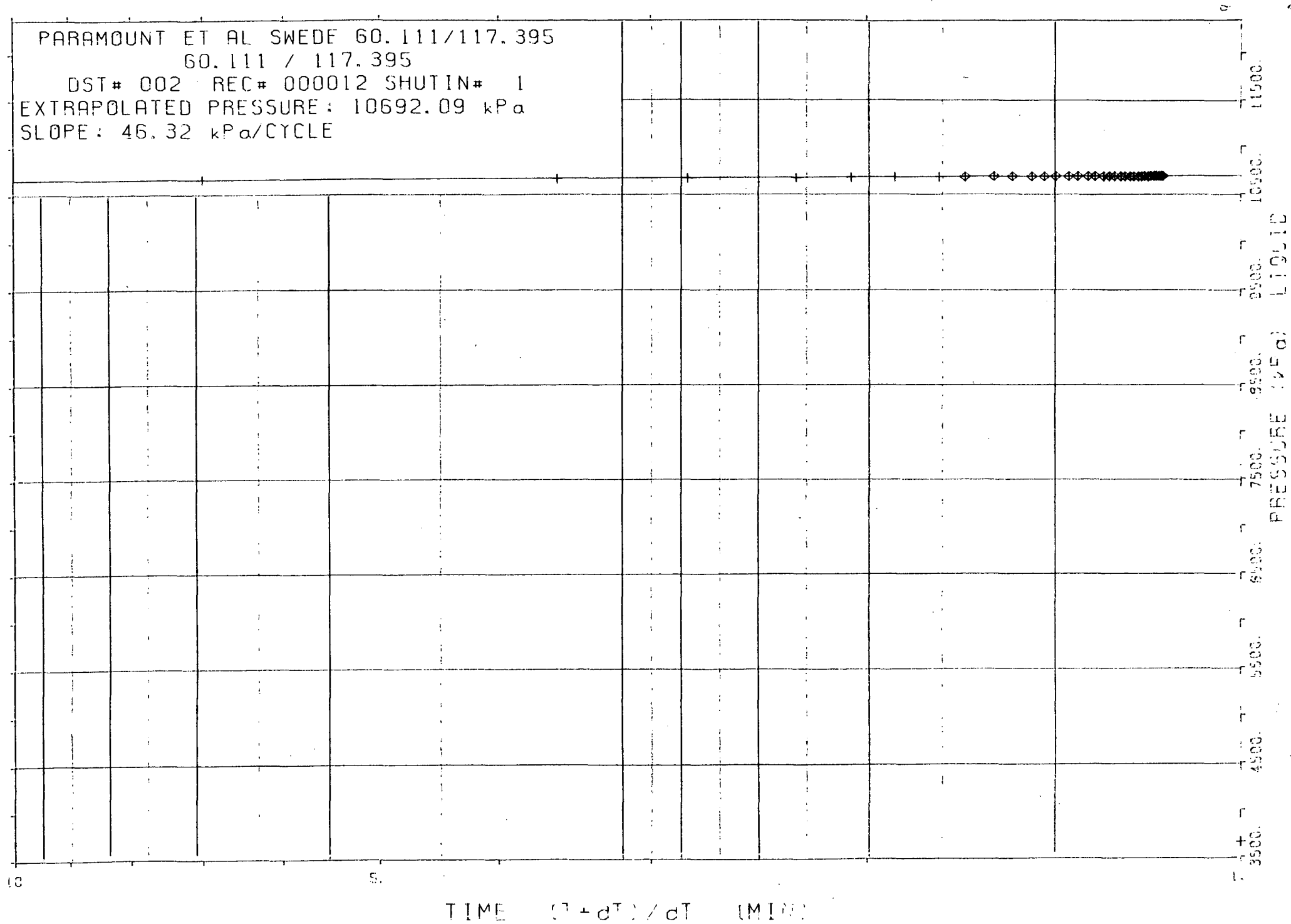
PARAMOUNT ET AL SWEDE 60.111/117.395

60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 1

EXTRAPOLATED PRESSURE: 10692.09 kPa

SLOPE: 46.32 kPa/CYCLE



PARAMCUNT ET AL. SWEDE 60.111/117.395

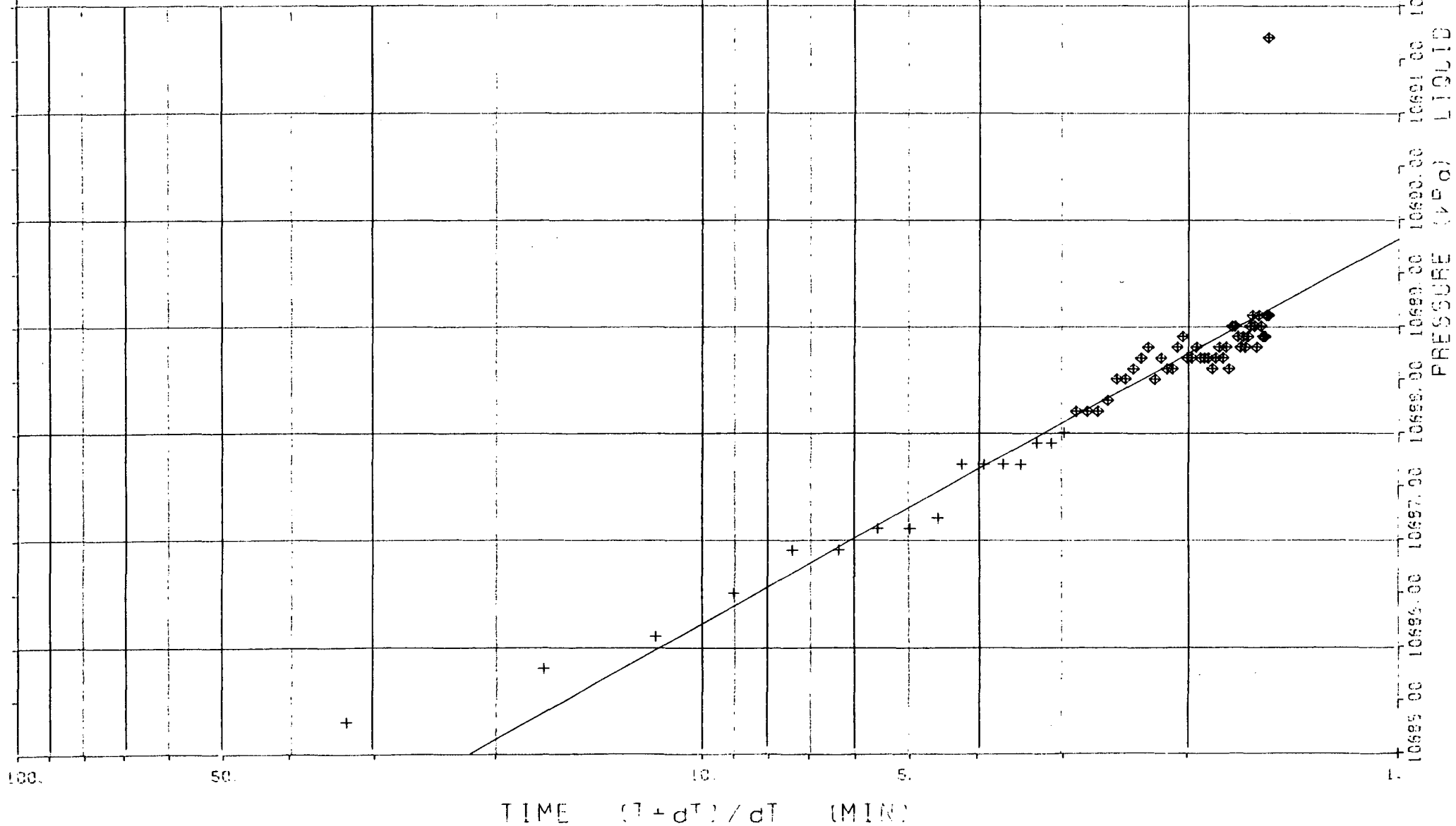
60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 2

EXTRAPOLATED PRESSURE. 10689.86 kPa

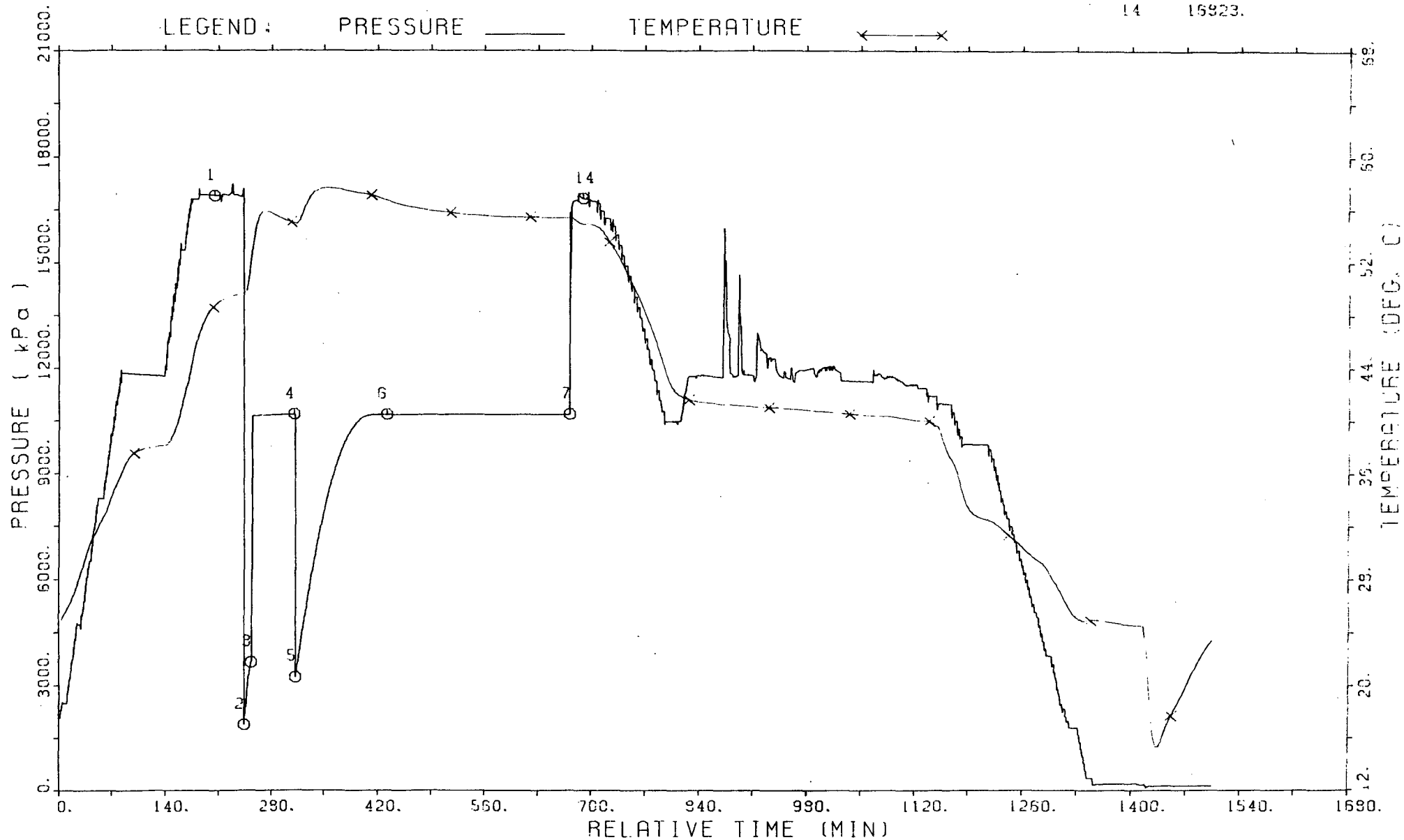
SLOPE: 3.73 kPa/CYCLE

△



PARAMOUNT ET AL SWEDE A-52
 60.111/117.395 DST #2
 ZI ELECTRONIC GAUGE #12

LEGEND - $\odot$ 1 = 15905. kPa
 2 = 1992.
 3 = 3555.
 4 = 10589
 5 = 3237.
 6 = 10585.
 7 = 10592.
 14 = 15923.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

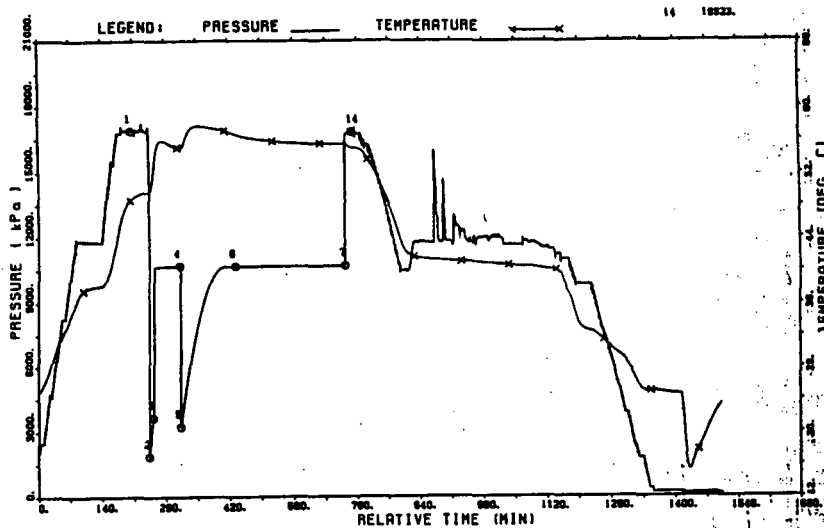
PRESSURE RECORDER NUMBER : 000012

DEPTH : 1477.00m LOCATION : OUTSIDE
TYPE : ZI CAPACITY : 68900.00 kPa

PRESSURE
kPa

***** TEMPERATURE AT RECORDER DEPTH = 55.4 C

- 1) Initial Hydro :16906.
- 2) 1st Flow Start: 1892.
- 3) 1st Flow End : 3665.
- 4) END 1st Shutin:10689.
- 5) 2nd Flow Start: 3237.
- 6) 2nd Flow End :10685.
- 7) END 2nd Shutin:10692.
- 14) Final Hydro. :16823.



ZI ELECTRONIC
GAUGE.

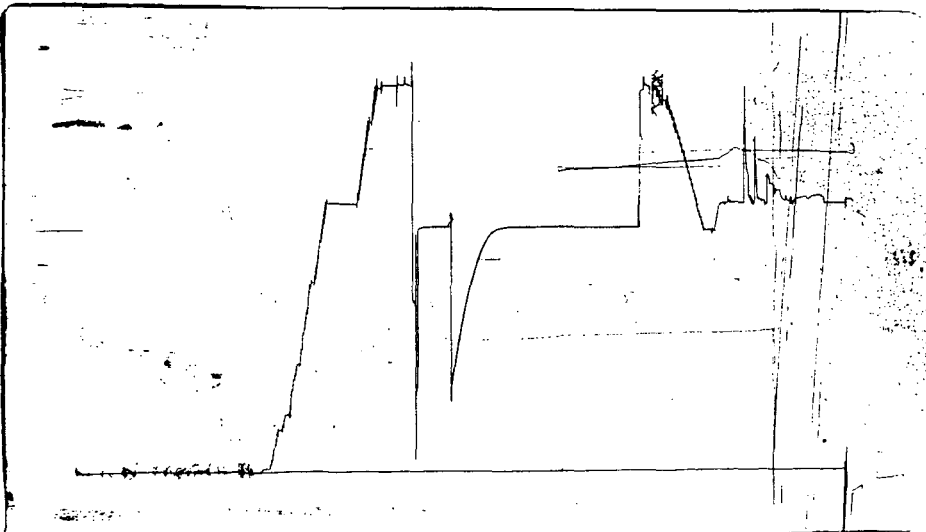
TEST TIMES(MIN)
1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

PRESSURE RECORDER NUMBER : 007948

DEPTH : 1477.00m LOCATION : OUTSIDE
TYPE : K-3 CAPACITY : 20700.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :16985.
- 2) 1st Flow Start: 567.
- 3) 1st Flow End : 3857.
- 4) END 1st Shutin:10769.
- 5) 2nd Flow Start: 3103.
- 6) 2nd Flow End :10758.
- 7) END 2nd Shutin:10760.
- 14) Final Hydro. :16918.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

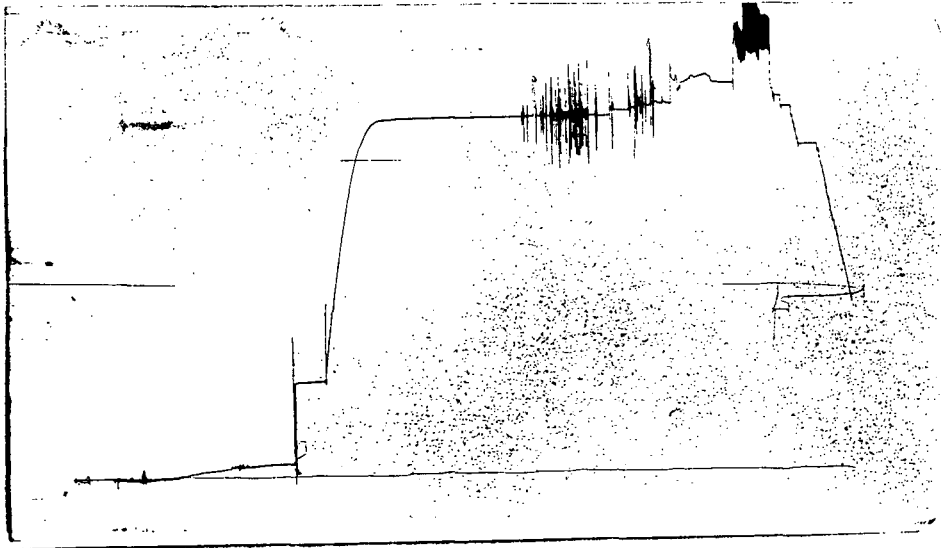
PRESSURE RECORDER NUMBER : 013462

DEPTH : 1462.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 14100.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 2) 1st Flow Start: 397.
- 3) 1st Flow End : 2814.
- 4) END 1st Shutin:
- 5) 2nd Flow Start: 2814.
- 6) 2nd Flow End : 10600.
- 7) END 2nd Shutin: 10600.
- 14) Final Hydro. :



ABOVE HYDRAULIC
TOOL.

TEST TIMES(MIN)
1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

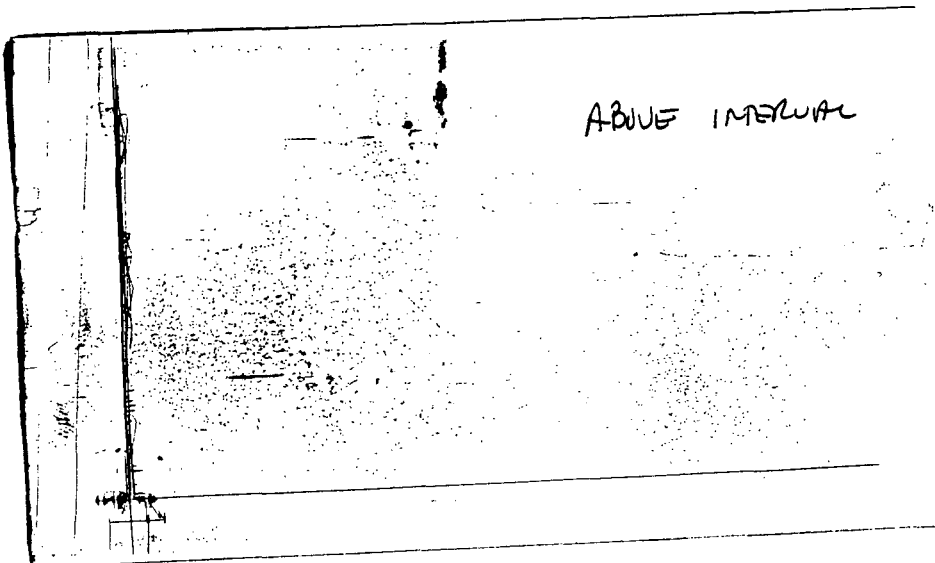
PRESSURE RECORDER NUMBER : 020619

DEPTH : 1469.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21400.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 14) Final Hydro. :



ABOVE INTERVAL.
CLOCK STOPPED,
NO READINGS.

OTTAWA COPY

9211-P33-6-2

REF#:C-76-921-09000-66

TEST DATE: 91/02/23

PARAMOUNT ET AL SWEDE 60.111/117.395

400/ 60.111 / 117.395 /00

DST#02

1475.00m to 1486.00m

KEG RIVER

A-52

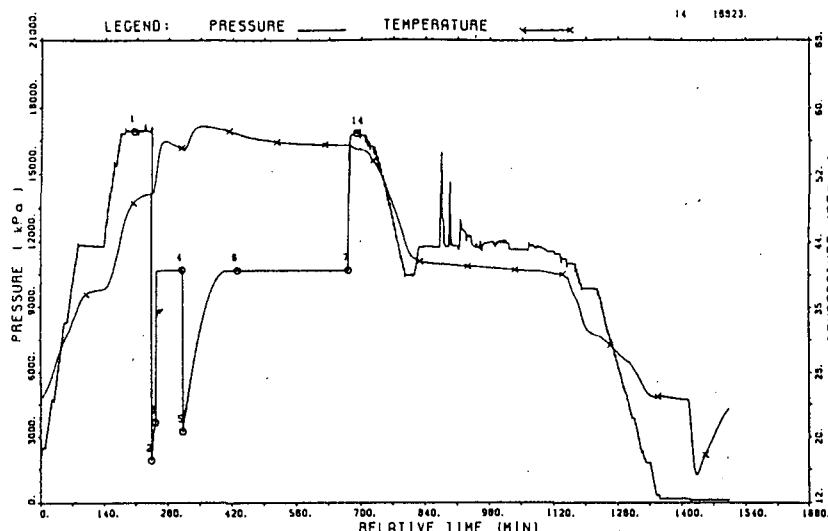
DEPTH: 1477.00m

PRESSURE
kPa

- 1) Initial Hydro : 16906.
- 2) 1st Flow Start: 1892.
- 3) 1st Flow End : 3665.
- 4) END 1st Shutin: 10689.
- 5) 2nd Flow Start: 3237.
- 6) 2nd Flow End : 10685.
- 7) END 2nd Shutin: 10692.
- 14) Final Hydro. : 16823.

TEST TIMES(MIN)

1stFLOW : 9.0
SHUTIN: 58.0
2ndFLOW : 119.0
SHUTIN: 240.5



RECOVERY DATA

TOTAL FLUID RECOVERY CONSISTED OF 1020 METERS OF INHIBITOR AND MUD CUT SALT WATER. NO GAS TO SURFACE.

REMARKS AND TEST SUMMARY

Test results indicate a mechanically successful test. Bottom hole pressures and the shape of the shut-in curves suggest HIGH PERMEABILITY within the interval tested. The hydrostatic pressure of the fluid recovered equalized with the formation pressure during the final flow. Prior to starting the test 180 liters of Inhibitor and water was added to the drill pipe. The Hydrogen Sulphide content was 15%.

TABLE OF CONTENTS

PAGE 1	PAGE 2	PAGE 3	PAGE 4
General Data	Tool Sequence	PRESSURE	Plot Summary
Blow Description	Recorder Summary	-TIME	Reservoir Calculations
Liquid Recovery	Mud and Hole Data	LISTING	-Parameters used
Gas Measurements			-Results

***** RECORDER PAGES & FIGURES *****

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PÉTROLE ET DU
GAZ DES TERRES DU CANADA

MAR 8 1991

BAKER OIL TOOLS CANADA
DST#02 REPORT

p.1

Well name : PARAMOUNT ET AL SWEDE 60.111/117.395	K.B.Elevation : 697.18m
Location : 400/ 60.111 / 117.395 /00	Grd.Elevation : 692.60m
Interval : 1475.00m to 1486.00m	TD @ test Date: 1496.00m
Test Date : 91/02/23	Ticket Number : 82096
Test Type : INFLATE STRADDLE	Unit Number : 790203
Formation : KEG RIVER	

Started in hole at :
Tool opened at : 0213 hrs
Reverse circulated?: YES
Contractor & Rig No: COMANCHE #2
Baker#2 : 1 of 1 on the same trip.

Operator: PARAMOUNT RESOURCES LTD.
4100
350 - 7TH AVE. S.W.
CALGARY ALBERTA
T2P3W5

Company Rep : GERRY SANDERS
Testers : MCLAREN G
5 REPORTS(S) TO: PHIL BESLER
Company:

BLOW DESCRIPTION

PREFLOW: Weak air blow increasing to fair air blow in 2.5 minutes remaining steady throughout. No gas to surface.
FINAL FLOW: Weak air blow increasing to fair air blow in 2.5 minutes steady for 100 minutes then decreasing to weak. No gas to surface.

TOTAL LIQUID RECOVERY : 1020.00m For DST# 2 through DST# 2

6 Fluid Samples
Sent to: AGAT

Field Est. Salinity :130000.0g/m3

Btm. Hole Sampler #: 91
Sent to: AGAT

1020.00m INHIBITOR AND MUD CUT SALT WATER.

GAS MEASUREMENTS

No Gas Measurements

TOOL SEQUENCE

SUB	LENGTH (m)
PUMP OUT SUB	.30
CROSS OVER SUB	.30
INSIDE RECORDER	1.38
HYDRAULIC TOOL	1.50
BTM. HOLE SAMPLER	1.03
HYDRAULIC JARS	2.22
INSIDE RECORDER	1.38
SAFETY JOINT	.65
INFLATE PUMP	2.38
SCREEN	1.16
TOP INFLATE PACKER	1.78
PACKER STICK DOWN	.82
PORTED COMB SUB	.30
OUTSIDE RECORDER	2.06
SPACING	7.29
PACKER STICK UP	.50
BTM. INFLATE PKR.	1.90
BELLY SPRING	2.60

RECORDER SUMMARY

1) NUMBER : 000012	ZI ELECTRONIC
TYPE : ZI	GAUGE.
LOCATION: OUTSIDE	
RANGE: 68900.00kPa	
DEPTH : 1477.00m	
2) NUMBER : 007948	
TYPE : K-3	
LOCATION: OUTSIDE	
RANGE: 20700.00kPa	
DEPTH : 1477.00m	
3) NUMBER : 013462	ABOVE HYDRAULIC
TYPE : K-3	TOOL.
LOCATION: INSIDE	
RANGE: 14100.00kPa	
DEPTH : 1462.00m	
4) NUMBER : 020619	ABOVE INTERVAL.
TYPE : K-3	CLOCK STOPPED,
LOCATION: INSIDE	NO READINGS.
RANGE: 21400.00kPa	
DEPTH : 1469.00m	

***** TOOL TOTAL 29.55

DRILL COLLARS

ID= 72.0mm: 150.26
ID= :

DRILL PIPE

OD=114.0mm: 1313.44
OD= :

COLLAR-PIPE TOTAL 1463.70

STICK UP ABOVE TABLE : 2.18
TOOL ABOVE INTERVAL : 13.48
TOTAL INTERVAL : 11.00
BOTTOM CHOKE SIZE: 25.40 mm

MUD AND HOLE DATA

Calipered Hole Size @ Test Depth:	Water Loss : 8.8cc/s
Hole Condition at Test Time : GOOD	Filter Cake:
Hole Conditioned Prior to Test? : NO	
Mud Weight : 1140.0 kg/m3	Main Hole Size: 222.00mm
Mud Type : GEL CHEMICAL	
Viscosity : 44.0s/l	Temperature @1477.00m = 55.4C

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
1	INITIAL HYDROSTATIC			16906	
2	START OF 1st FLOW	0.0		1892	
		.5		2081	
		1.0		2181	
		1.5		2224	
		2.0		2504	
		2.5		2632	
		3.0		2759	
		4.0		2946	
		4.5		3058	
		5.0		3191	
		5.5		3261	
		6.0		3309	
		6.5		3381	
		7.0		3451	
		8.0		3563	
		8.5		3613	
3	END OF 1st FLOW	9.0		3665	
	1st SHUTIN PERIOD	0.0		3665	
		1.5	6987	10652	7.0000
		3.5	6998	10663	3.5714
		5.0	7002	10667	2.8000
		7.0	7007	10671	2.2857
		8.5	7010	10674	2.0588
		10.0	7013	10677	1.9000
		12.0	7015	10679	1.7500
		13.5	7017	10681	1.6667*
		15.5	7018	10683	1.5806*
		17.0	7019	10684	1.5294*
		19.0	7020	10684	1.4737*
		20.5	7020	10685	1.4390*
		22.0	7021	10685	1.4091*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3a

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		24.0	7022	10686	1.3750*
		25.5	7022	10686	1.3529*
		27.5	7022	10687	1.3273*
		29.0	7022	10687	1.3103*
		31.0	7023	10687	1.2903*
		32.5	7023	10687	1.2769*
		34.0	7023	10688	1.2647*
		36.0	7024	10688	1.2500*
		37.5	7024	10688	1.2400*
		39.5	7024	10688	1.2278*
		41.0	7024	10688	1.2195*
		43.0	7024	10688	1.2093*
		44.5	7024	10688	1.2022*
		46.0	7024	10689	1.1957*
		48.0	7024	10688	1.1875*
		49.5	7024	10689	1.1818*
		51.5	7024	10689	1.1748*
		53.0	7024	10689	1.1698*
		55.0	7024	10689	1.1636*
4	END OF 1st SHUTIN	56.5	7024	10689	1.1593*
		58.0	7024	10689	1.1552*
5	START OF 2nd FLOW	0.0		3237	
		3.0		3690	
		5.5		4072	
		8.5		4508	
		11.5		4938	
		14.0		5279	
		17.0		5678	
		20.0		6068	
		23.0		6432	
		25.5		6721	
		28.5		7060	
		31.5		7381	
		34.0		7636	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3b

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		37.0		7935	
		40.0		8208	
		43.0		8472	
		45.5		8674	
		48.5		8918	
		51.5		9128	
		54.0		9299	
		57.0		9490	
		60.0		9665	
		63.0		9827	
		65.5		9955	
		68.5		10089	
		71.5		10209	
		74.0		10297	
		77.0		10384	
		80.0		10466	
		83.0		10532	
		85.5		10583	
		88.5		10622	
		91.5		10646	
		94.0		10662	
		97.0		10674	
		100.0		10680	
		103.0		10682	
		105.5		10682	
		108.5		10683	
		111.5		10684	
		114.0		10684	
		117.0		10685	
6	END OF 2nd FLOW	119.0		10685	
	2nd SHUTIN PERIOD	0.0		10685	
		4.0	0	10685	33.0000
		8.0	1	10686	17.0000
		12.0	1	10686	11.6667

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3c

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		16.0	2	10687	9.0000
		20.0	2	10687	7.4000
		24.0	2	10687	6.3333
		28.0	2	10687	5.5714
		32.0	2	10687	5.0000
		36.0	2	10687	4.5556
		40.0	3	10688	4.2000
		44.0	3	10688	3.9091
		48.0	3	10688	3.6667
		52.0	3	10688	3.4615
		56.0	3	10688	3.2857
		60.0	3	10688	3.1333
		64.0	3	10688	3.0000
		68.0	3	10688	2.8824*
		72.0	3	10688	2.7778*
		76.0	3	10688	2.6842*
		80.0	3	10688	2.6000*
		84.0	4	10689	2.5238*
		88.0	4	10689	2.4545*
		92.0	4	10689	2.3913*
		96.0	4	10689	2.3333*
		100.0	4	10689	2.2800*
		104.0	4	10689	2.2308*
		108.0	4	10689	2.1852*
		112.0	4	10689	2.1429*
		116.0	4	10689	2.1034*
		120.0	4	10689	2.0667*
		124.0	4	10689	2.0323*
		128.0	4	10689	2.0000*
		132.0	4	10689	1.9697*
		136.0	4	10689	1.9412*
		140.0	4	10689	1.9143*
		144.0	4	10689	1.8889*
		148.0	4	10689	1.8649*
		152.0	4	10689	1.8421*
		156.0	4	10689	1.8205*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3d

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		160.0	4	10689	1.8000*
		164.0	4	10689	1.7805*
		168.0	4	10689	1.7619*
		172.0	4	10689	1.7442*
		176.0	4	10689	1.7273*
		180.0	4	10689	1.7111*
		184.0	4	10689	1.6957*
		188.0	4	10689	1.6809*
		192.0	4	10689	1.6667*
		196.0	4	10689	1.6531*
		200.0	4	10689	1.6400*
		204.0	4	10689	1.6275*
		208.0	4	10689	1.6154*
		212.0	4	10689	1.6038*
		216.0	4	10689	1.5926*
		220.0	4	10689	1.5818*
		224.0	4	10689	1.5714*
		228.0	4	10689	1.5614*
		232.0	4	10689	1.5517*
		236.0	4	10689	1.5424*
		240.0	4	10689	1.5333*
7	END OF 2nd SHUTIN	240.5	7	10692	1.5322*
14	FINAL HYDROSTATIC			16823	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3e

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

1st SHUT-IN
HORNER EXTRAPOLATION 10692.09 kPa
HORNER SLOPE 46.32291 kPa/cycle

2nd SHUT-IN
HORNER EXTRAPOLATION 10689.86 kPa
HORNER SLOPE 3.73157 kPa/cycle

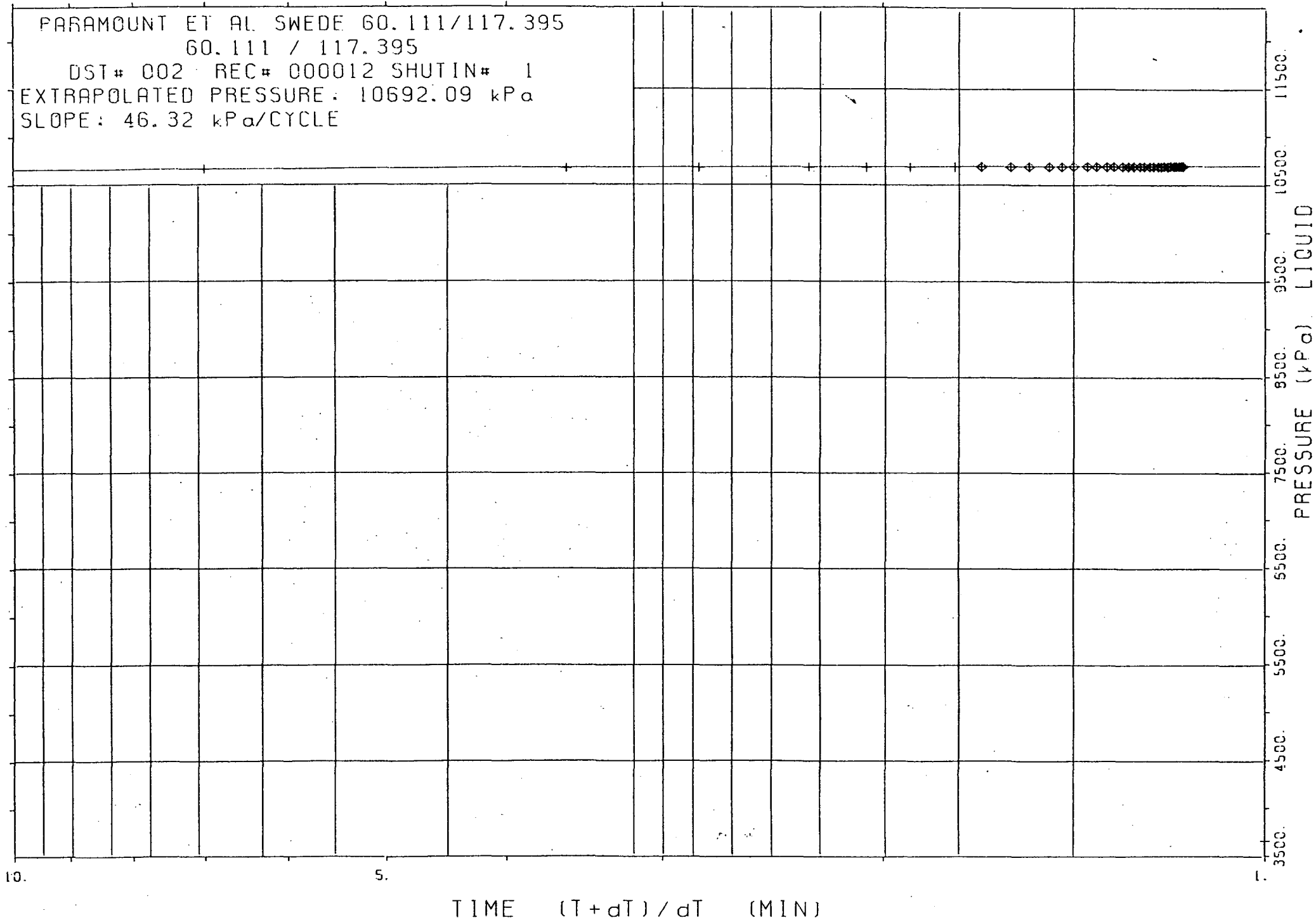
PARAMOUNT ET AL SWEDE 60.111/117.395

60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 1

EXTRAPOLATED PRESSURE: 10692.09 kPa

SLOPE: 46.32 kPa/CYCLE



△△△△△

PARAMOUNT ET AL SWEDE 60.111/117.395

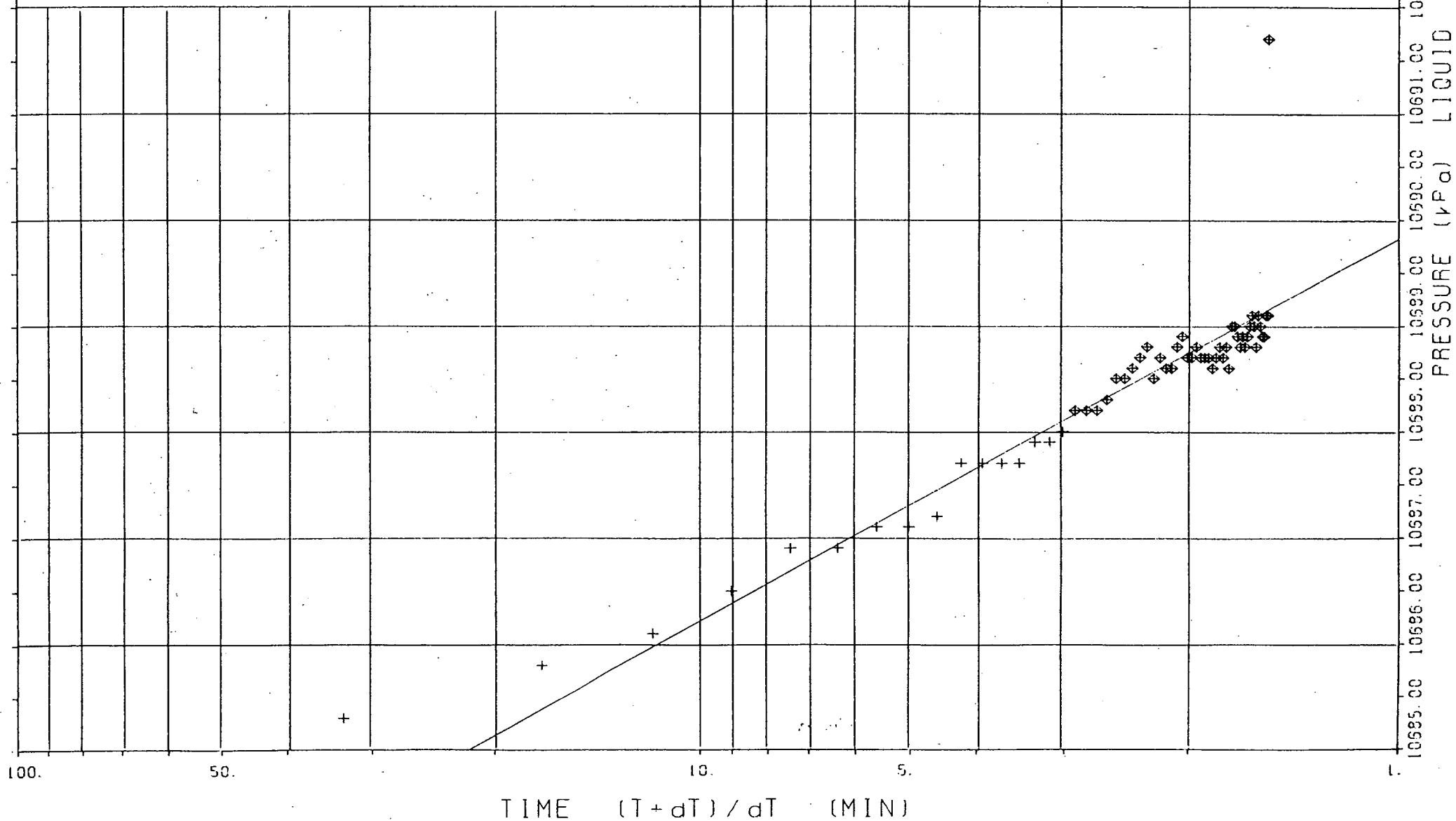
60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 2

EXTRAPOLATED PRESSURE: 10689.86 kPa

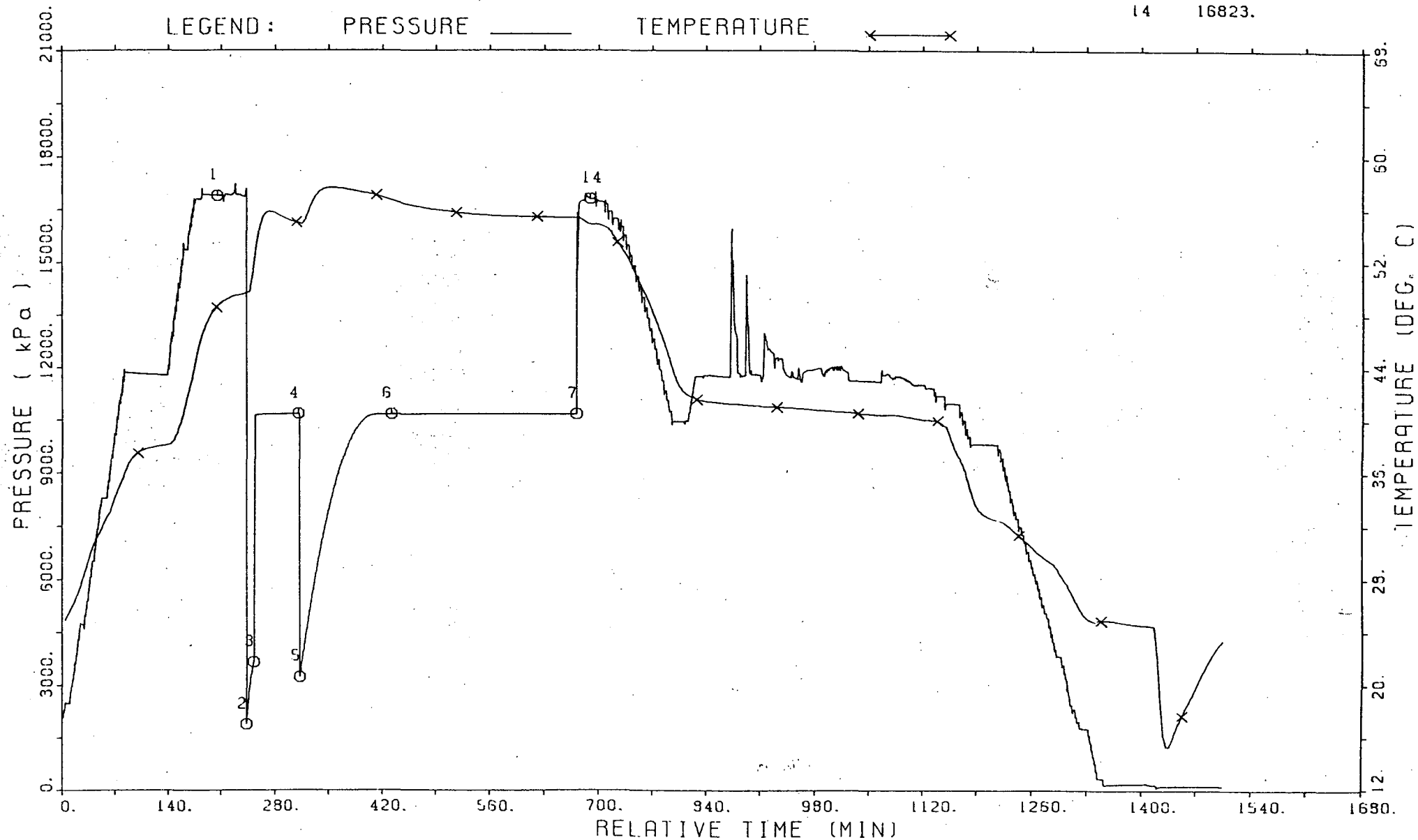
SLOPE: 3.73 kPa/CYCLE

△



PARAMOUNT ET AL SWEDE A-52
 60.111/117.395 DST #2
 ZI ELECTRONIC GAUGE #12

LEGEND: ○ 1 = 15905. kPa
 2 1992.
 3 3565.
 4 10689.
 5 3237.
 6 10685.
 7 10692.
 14 16823.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

PRESSURE RECORDER NUMBER : 000012

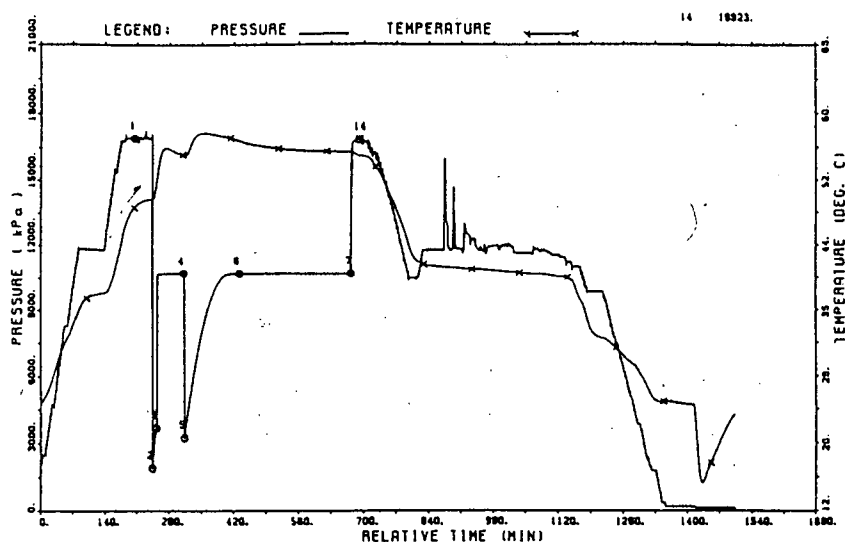
DEPTH : 1477.00m
TYPE : ZI

LOCATION : OUTSIDE
CAPACITY : 68900.00 kPa

PRESSURE
kPa

***** TEMPERATURE AT RECORDER DEPTH = 55.4 C

- 1) Initial Hydro :16906.
- 2) 1st Flow Start: 1892.
- 3) 1st Flow End : 3665.
- 4) END 1st Shutin:10689.
- 5) 2nd Flow Start: 3237.
- 6) 2nd Flow End :10685.
- 7) END 2nd Shutin:10692.
- 14) Final Hydro. :16823.



ZI ELECTRONIC
GAUGE.

TEST TIMES(MIN)

1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

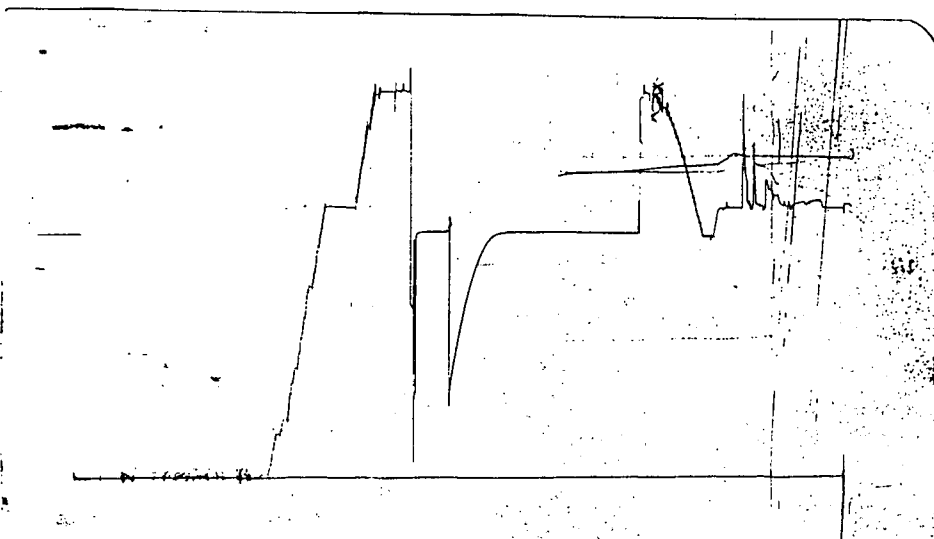
PRESSURE RECORDER NUMBER : 007948

DEPTH : 1477.00m
TYPE : K-3

LOCATION : OUTSIDE
CAPACITY : 20700.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :16985.
- 2) 1st Flow Start: 567.
- 3) 1st Flow End : 3857.
- 4) END 1st Shutin:10769.
- 5) 2nd Flow Start: 3103.
- 6) 2nd Flow End :10758.
- 7) END 2nd Shutin:10760.
- 14) Final Hydro. :16918.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

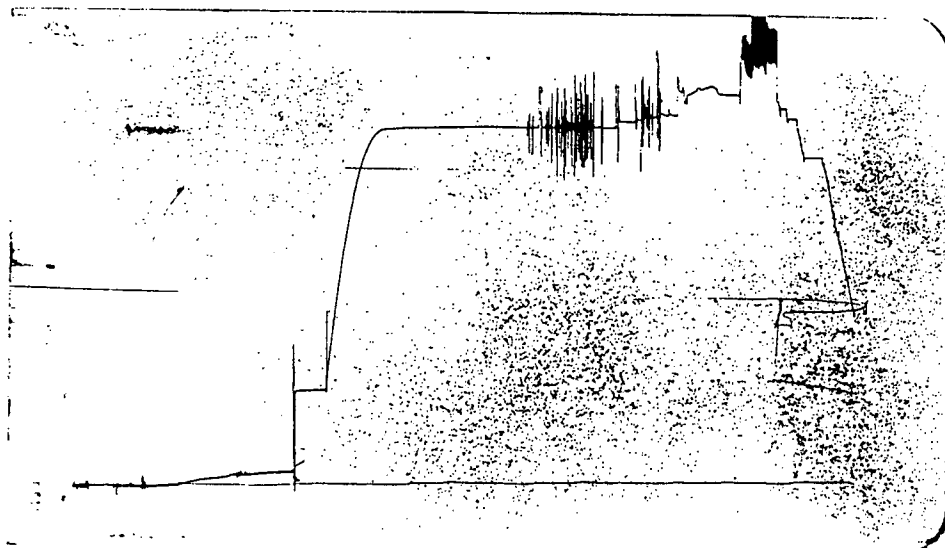
PRESSURE RECORDER NUMBER : 013462

DEPTH : 1462.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 14100.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 2) 1st Flow Start: 397.
- 3) 1st Flow End : 2814.
- 4) END 1st Shutin:
- 5) 2nd Flow Start: 2814.
- 6) 2nd Flow End : 10600.
- 7) END 2nd Shutin: 10600.
- 14) Final Hydro. :



ABOVE HYDRAULIC
TOOL.

TEST TIMES(MIN)

1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

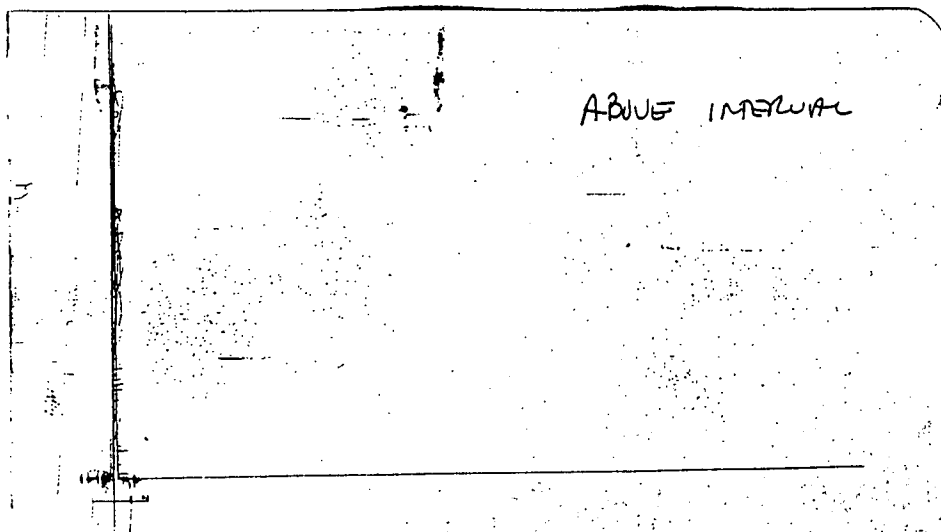
PRESSURE RECORDER NUMBER : 020619

DEPTH : 1469.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21400.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 14) Final Hydro. :



ABOVE INTERVAL.
CLOCK STOPPED,
NO READINGS.

REF#:C-76-921-09000-66

TEST DATE: 91/02/23

PARAMOUNT ET AL SWEDE 60.111/117.395

400/ 60.111 / 117.395 /00

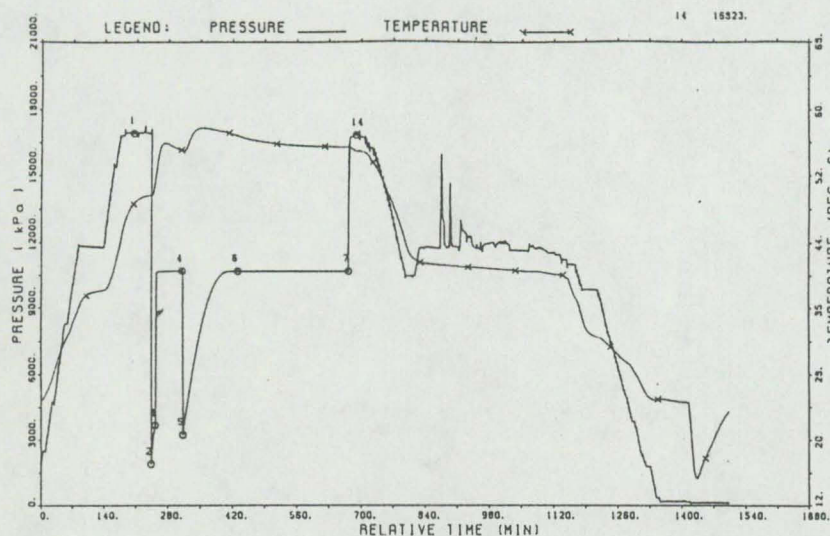
DST#02

1475.00m to 1486.00m

KEG RIVER

A-52

DEPTH: 1477.00m



PRESSURE
kPa

- 1) Initial Hydro : 16906.
- 2) 1st Flow Start: 1892.
- 3) 1st Flow End : 3665.
- 4) END 1st Shutin: 10689.
- 5) 2nd Flow Start: 3237.
- 6) 2nd Flow End : 10685.
- 7) END 2nd Shutin: 10692.
- 14) Final Hydro. : 16823.

TEST TIMES (MIN)

1stFLOW : 9.0
SHUTIN: 58.0
2ndFLOW : 119.0
SHUTIN: 240.5

RECOVERY DATA

TOTAL FLUID RECOVERY CONSISTED OF 1020 METERS OF INHIBITOR AND MUD CUT SALT WATER. NO GAS TO SURFACE.

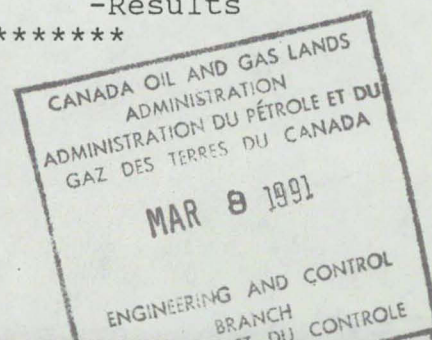
REMARKS AND TEST SUMMARY

Test results indicate a mechanically successful test. Bottom hole pressures and the shape of the shut-in curves suggest HIGH PERMEABILITY within the interval tested. The hydrostatic pressure of the fluid recovered equalized with the formation pressure during the final flow. Prior to starting the test 180 liters of Inhibitor and water was added to the drill pipe. The Hydrogen Sulphide content was 15%.

TABLE OF CONTENTS

PAGE 1	PAGE 2	PAGE 3	PAGE 4
General Data	Tool Sequence	PRESSURE	Plot Summary
Blow Description	Recorder Summary	-TIME	Reservoir Calculations
Liquid Recovery	Mud and Hole Data	LISTING	-Parameters used
Gas Measurements			-Results

***** RECORDER PAGES & FIGURES *****



BAKER OIL TOOLS CANADA
DST#02 REPORT

p.1

Well name : PARAMOUNT ET AL SWEDE 60.111/117.395	K.B.Elevation : 697.18m
Location : 400/ 60.111 / 117.395 /00	Grd.Elevation : 692.60m
Interval : 1475.00m to 1486.00m	TD @ test Date: 1496.00m
Test Date : 91/02/23	Ticket Number : 82096
Test Type : INFLATE STRADDLE	Unit Number : 790203
Formation : KEG RIVER	

Started in hole at :
Tool opened at : 0213 hrs
Reverse circulated?: YES
Contractor & Rig No: COMANCHE #2
Baker#2 : 1 of 1 on the same trip.

Operator: PARAMOUNT RESOURCES LTD.
4100
350 - 7TH AVE. S.W.
CALGARY ALBERTA
T2P3W5

Company Rep : GERRY SANDERS
Testers : MCLAREN G
5 REPORTS(S) TO: PHIL BESLER
Company:

BLOW DESCRIPTION

PREFLOW: Weak air blow increasing to fair air blow in 2.5 minutes remaining steady throughout. No gas to surface.
FINAL FLOW: Weak air blow increasing to fair air blow in 2.5 minutes steady for 100 minutes then decreasing to weak. No gas to surface.

TOTAL LIQUID RECOVERY : 1020.00m For DST# 2 through DST# 2

6 Fluid Samples
Sent to: AGAT
Field Est. Salinity :130000.0g/m3
Btm. Hole Sampler #: 91
Sent to: AGAT

1020.00m INHIBITOR AND MUD CUT SALT WATER.

GAS MEASUREMENTS

No Gas Measurements

TOOL SEQUENCE

RECORDER SUMMARY

SUB	LENGTH (m)
PUMP OUT SUB	.30
CROSS OVER SUB	.30
INSIDE RECORDER	1.38
HYDRAULIC TOOL	1.50
BTM. HOLE SAMPLER	1.03
HYDRAULIC JARS	2.22
INSIDE RECORDER	1.38
SAFETY JOINT	.65
INFLATE PUMP	2.38
SCREEN	1.16
TOP INFLATE PACKER	1.78
PACKER STICK DOWN	.82
PORTED COMB SUB	.30
OUTSIDE RECORDER	2.06
SPACING	7.29
PACKER STICK UP	.50
BTM. INFLATE PKR.	1.90
BELLY SPRING	2.60

1) NUMBER	: 000012	ZI ELECTRONIC
TYPE	: ZI	GAUGE.
LOCATION:	OUTSIDE	
RANGE:	68900.00kPa	
DEPTH	: 1477.00m	
2) NUMBER	: 007948	
TYPE	: K-3	
LOCATION:	OUTSIDE	
RANGE:	20700.00kPa	
DEPTH	: 1477.00m	
3) NUMBER	: 013462	ABOVE HYDRAULIC
TYPE	: K-3	TOOL.
LOCATION:	INSIDE	
RANGE:	14100.00kPa	
DEPTH	: 1462.00m	
4) NUMBER	: 020619	ABOVE INTERVAL.
TYPE	: K-3	CLOCK STOPPED,
LOCATION:	INSIDE	NO READINGS.
RANGE:	21400.00kPa	
DEPTH	: 1469.00m	

***** TOOL TOTAL 29.55

DRILL COLLARS

ID= 72.0mm: 150.26
ID= :

DRILL PIPE

OD=114.0mm: 1313.44
OD= :

COLLAR-PIPE TOTAL 1463.70

STICK UP ABOVE TABLE : 2.18
TOOL ABOVE INTERVAL : 13.48
TOTAL INTERVAL : 11.00
BOTTOM CHOKE SIZE: 25.40 mm

MUD AND HOLE DATA

Calipered Hole Size @ Test Depth:	Water Loss : 8.8cc/s
Hole Condition at Test Time : GOOD	Filter Cake:
Hole Conditioned Prior to Test? : NO	
Mud Weight : 1140.0 kg/m3	Main Hole Size: 222.00mm
Mud Type : GEL CHEMICAL	
Viscosity : 44.0s/l	Temperature @1477.00m = 55.4C

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
1	INITIAL HYDROSTATIC			16906	
2	START OF 1st FLOW	0.0		1892	
		.5		2081	
		1.0		2181	
		1.5		2224	
		2.0		2504	
		2.5		2632	
		3.0		2759	
		4.0		2946	
		4.5		3058	
		5.0		3191	
		5.5		3261	
		6.0		3309	
		6.5		3381	
		7.0		3451	
		8.0		3563	
		8.5		3613	
3	END OF 1st FLOW	9.0		3665	
	1st SHUTIN PERIOD	0.0		3665	
		1.5	6987	10652	7.0000
		3.5	6998	10663	3.5714
		5.0	7002	10667	2.8000
		7.0	7007	10671	2.2857
		8.5	7010	10674	2.0588
		10.0	7013	10677	1.9000
		12.0	7015	10679	1.7500
		13.5	7017	10681	1.6667*
		15.5	7018	10683	1.5806*
		17.0	7019	10684	1.5294*
		19.0	7020	10684	1.4737*
		20.5	7020	10685	1.4390*
		22.0	7021	10685	1.4091*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3a

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt) /dt kPa	ABSCISSA
		24.0	7022	10686	1.3750*
		25.5	7022	10686	1.3529*
		27.5	7022	10687	1.3273*
		29.0	7022	10687	1.3103*
		31.0	7023	10687	1.2903*
		32.5	7023	10687	1.2769*
		34.0	7023	10688	1.2647*
		36.0	7024	10688	1.2500*
		37.5	7024	10688	1.2400*
		39.5	7024	10688	1.2278*
		41.0	7024	10688	1.2195*
		43.0	7024	10688	1.2093*
		44.5	7024	10688	1.2022*
		46.0	7024	10689	1.1957*
		48.0	7024	10688	1.1875*
		49.5	7024	10689	1.1818*
		51.5	7024	10689	1.1748*
		53.0	7024	10689	1.1698*
		55.0	7024	10689	1.1636*
		56.5	7024	10689	1.1593*
4	END OF 1st SHUTIN	58.0	7024	10689	1.1552*
5	START OF 2nd FLOW	0.0		3237	
		3.0		3690	
		5.5		4072	
		8.5		4508	
		11.5		4938	
		14.0		5279	
		17.0		5678	
		20.0		6068	
		23.0		6432	
		25.5		6721	
		28.5		7060	
		31.5		7381	
		34.0		7636	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
 PARAMOUNT ET AL SWEDE 60.111/117.395
 1475.00 m to 1486.00 m

p.3b

Location: 400/ 60.111 / 117.395 /00
 Test Type: INFLATE STRADDLE
 Formation: KEG RIVER

Recorder Number: 000012
 Recorder Depth: 1477.00 m
 Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		37.0		7935	
		40.0		8208	
		43.0		8472	
		45.5		8674	
		48.5		8918	
		51.5		9128	
		54.0		9299	
		57.0		9490	
		60.0		9665	
		63.0		9827	
		65.5		9955	
		68.5		10089	
		71.5		10209	
		74.0		10297	
		77.0		10384	
		80.0		10466	
		83.0		10532	
		85.5		10583	
		88.5		10622	
		91.5		10646	
		94.0		10662	
		97.0		10674	
		100.0		10680	
		103.0		10682	
		105.5		10682	
		108.5		10683	
		111.5		10684	
		114.0		10684	
		117.0		10685	
6	END OF 2nd FLOW	119.0		10685	
	2nd SHUTIN PERIOD	0.0		10685	
		4.0	0	10685	33.0000
		8.0	1	10686	17.0000
		12.0	1	10686	11.6667

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3c

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		16.0	2	10687	9.0000
		20.0	2	10687	7.4000
		24.0	2	10687	6.3333
		28.0	2	10687	5.5714
		32.0	2	10687	5.0000
		36.0	2	10687	4.5556
		40.0	3	10688	4.2000
		44.0	3	10688	3.9091
		48.0	3	10688	3.6667
		52.0	3	10688	3.4615
		56.0	3	10688	3.2857
		60.0	3	10688	3.1333
		64.0	3	10688	3.0000
		68.0	3	10688	2.8824*
		72.0	3	10688	2.7778*
		76.0	3	10688	2.6842*
		80.0	3	10688	2.6000*
		84.0	4	10689	2.5238*
		88.0	4	10689	2.4545*
		92.0	4	10689	2.3913*
		96.0	4	10689	2.3333*
		100.0	4	10689	2.2800*
		104.0	4	10689	2.2308*
		108.0	4	10689	2.1852*
		112.0	4	10689	2.1429*
		116.0	4	10689	2.1034*
		120.0	4	10689	2.0667*
		124.0	4	10689	2.0323*
		128.0	4	10689	2.0000*
		132.0	4	10689	1.9697*
		136.0	4	10689	1.9412*
		140.0	4	10689	1.9143*
		144.0	4	10689	1.8889*
		148.0	4	10689	1.8649*
		152.0	4	10689	1.8421*
		156.0	4	10689	1.8205*

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3d

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa	ABSCISSA
		160.0	4	10689	1.8000*
		164.0	4	10689	1.7805*
		168.0	4	10689	1.7619*
		172.0	4	10689	1.7442*
		176.0	4	10689	1.7273*
		180.0	4	10689	1.7111*
		184.0	4	10689	1.6957*
		188.0	4	10689	1.6809*
		192.0	4	10689	1.6667*
		196.0	4	10689	1.6531*
		200.0	4	10689	1.6400*
		204.0	4	10689	1.6275*
		208.0	4	10689	1.6154*
		212.0	4	10689	1.6038*
		216.0	4	10689	1.5926*
		220.0	4	10689	1.5818*
		224.0	4	10689	1.5714*
		228.0	4	10689	1.5614*
		232.0	4	10689	1.5517*
		236.0	4	10689	1.5424*
		240.0	4	10689	1.5333*
7	END OF 2nd SHUTIN	240.5	7	10692	1.5322*
14	FINAL HYDROSTATIC			16823	

* VALUES USED FOR EXTRAPOLATIONS

DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00 m to 1486.00 m

p.3e

Location: 400/ 60.111 / 117.395 /00
Test Type: INFLATE STRADDLE
Formation: KEG RIVER

Recorder Number: 000012
Recorder Depth: 1477.00 m
Subsea Depth: -779.82 m

1st SHUT-IN
HORNER EXTRAPOLATION 10692.09 kPa
HORNER SLOPE 46.32291 kPa/cycle

2nd SHUT-IN
HORNER EXTRAPOLATION 10689.86 kPa
HORNER SLOPE 3.73157 kPa/cycle

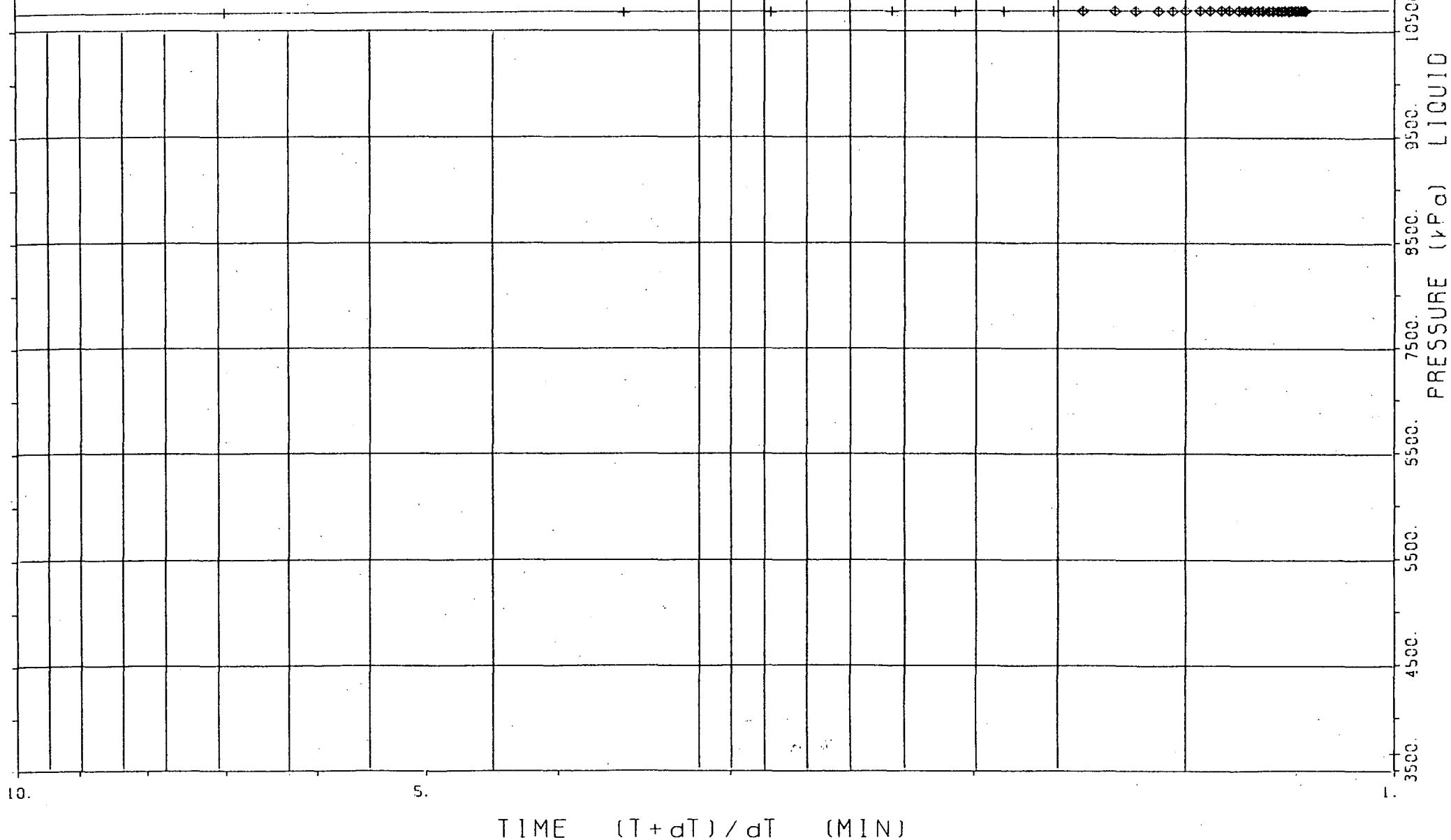
PARAMOUNT ET AL SWEDE 60.111/117.395

60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 1

EXTRAPOLATED PRESSURE: 10692.09 kPa

SLOPE: 46.32 kPa/CYCLE



△△△△△

PARAMOUNT ET AL SWEDE 60.111/117.395

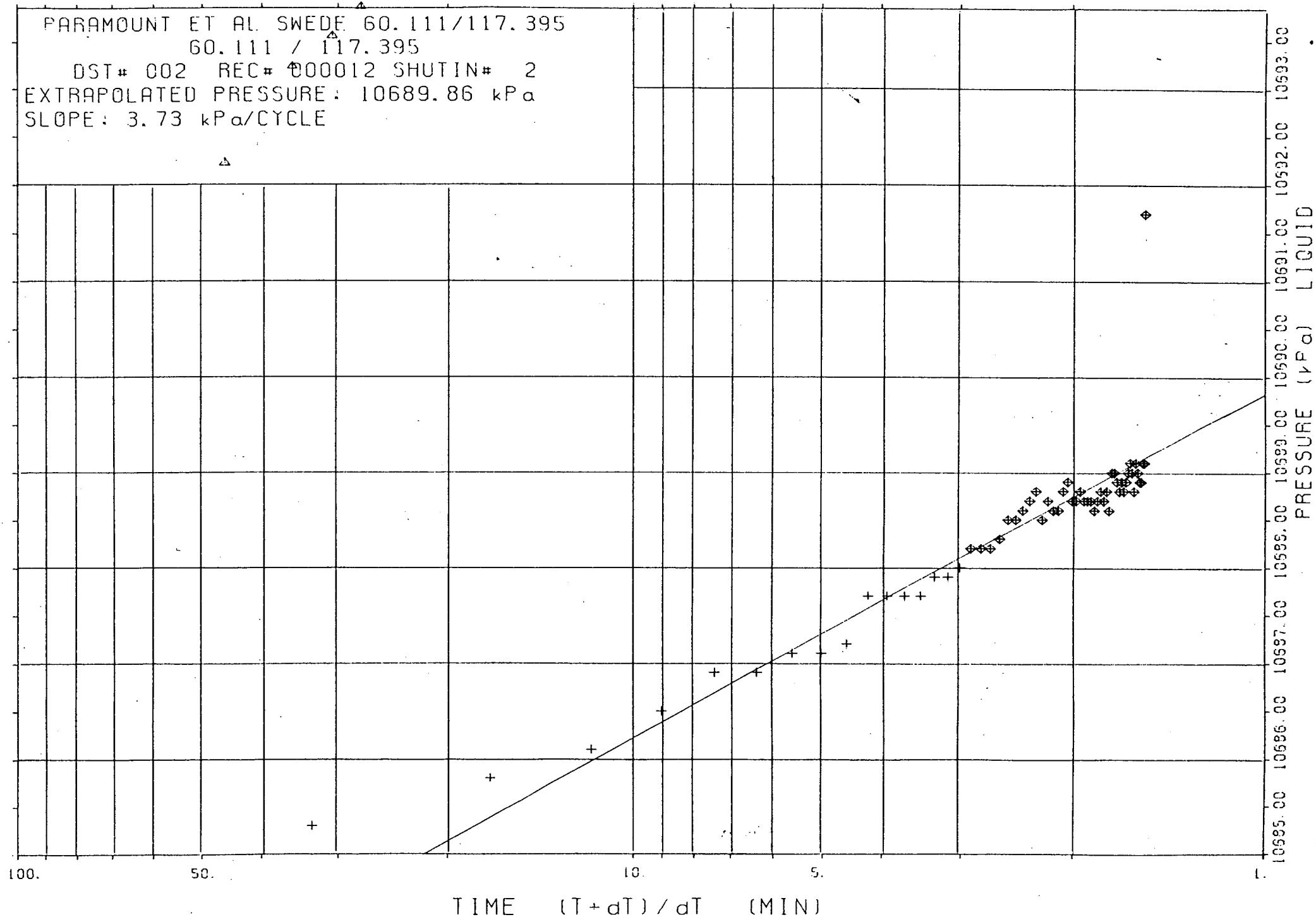
60.111 / 117.395

DST# 002 REC# 000012 SHUTIN# 2

EXTRAPOLATED PRESSURE: 10689.86 kPa

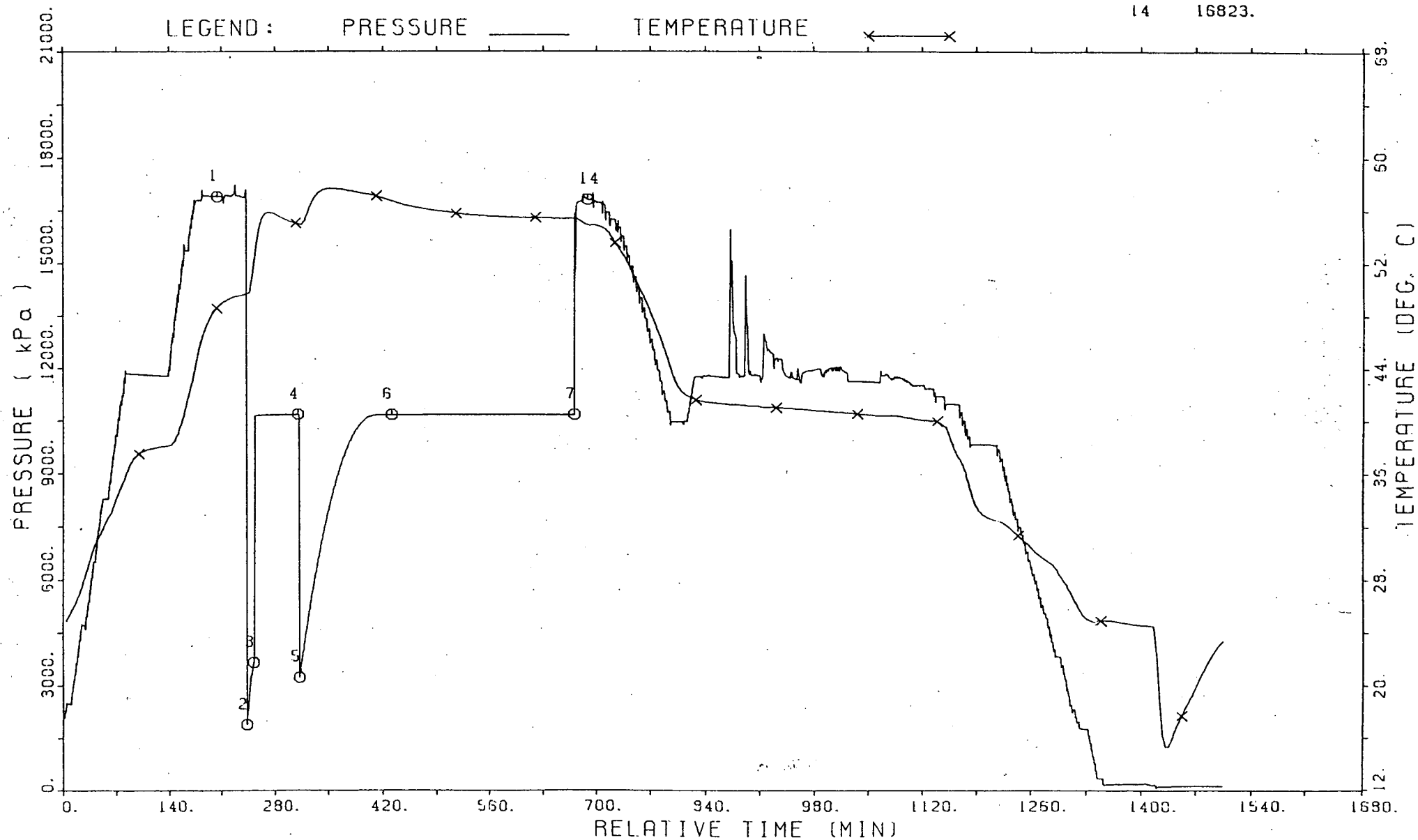
SLOPE: 3.73 kPa/CYCLE

△



PARAMOUNT ET AL SWEDE A-52
 60.111/117.395 DST #2
 ZI ELECTRONIC GAUGE #12

LEGEND: ○ 1 = 15905. kPa
 2 1992.
 3 3565.
 4 10689.
 5 3237.
 6 10685.
 7 10692.
 14 16823.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

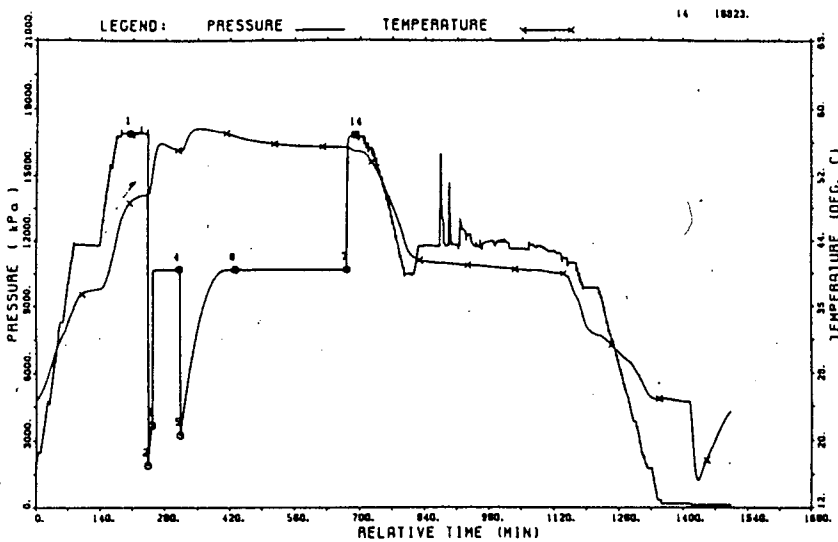
PRESSURE RECORDER NUMBER : 000012

DEPTH : 1477.00m LOCATION : OUTSIDE
TYPE : ZI CAPACITY : 68900.00 kPa

PRESSURE
kPa

***** TEMPERATURE AT RECORDER DEPTH = 55.4 C

- 1) Initial Hydro : 16906.
- 2) 1st Flow Start: 1892.
- 3) 1st Flow End : 3665.
- 4) END 1st Shutin: 10689.
- 5) 2nd Flow Start: 3237.
- 6) 2nd Flow End : 10685.
- 7) END 2nd Shutin: 10692.
- 14) Final Hydro. : 16823.



ZI ELECTRONIC
GAUGE.

TEST TIMES (MIN)

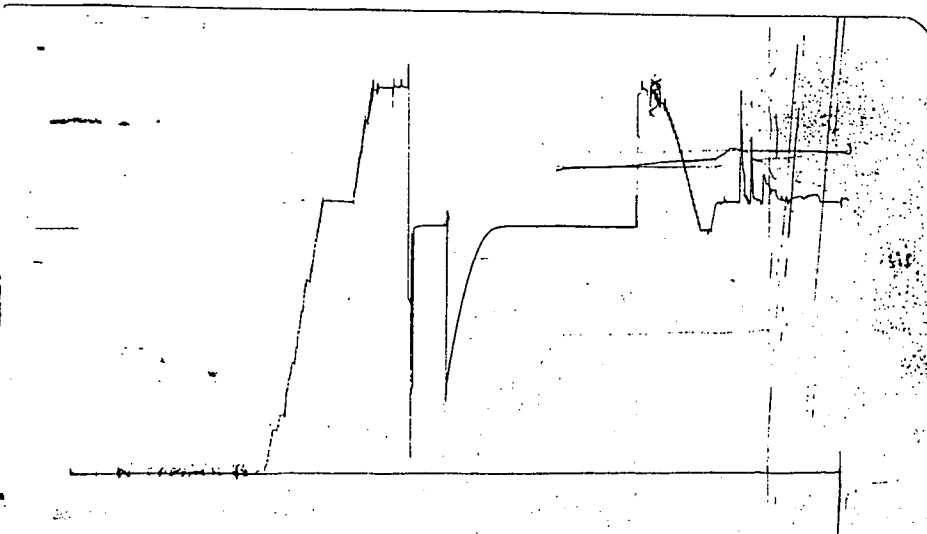
1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

PRESSURE RECORDER NUMBER : 007948

DEPTH : 1477.00m LOCATION : OUTSIDE
TYPE : K-3 CAPACITY : 20700.00 kPa

PRESSURE
kPa

- 1) Initial Hydro : 16985.
- 2) 1st Flow Start: 567.
- 3) 1st Flow End : 3857.
- 4) END 1st Shutin: 10769.
- 5) 2nd Flow Start: 3103.
- 6) 2nd Flow End : 10758.
- 7) END 2nd Shutin: 10760.
- 14) Final Hydro. : 16918.



DST#02
PARAMOUNT ET AL SWEDE 60.111/117.395
1475.00m to 1486.00m

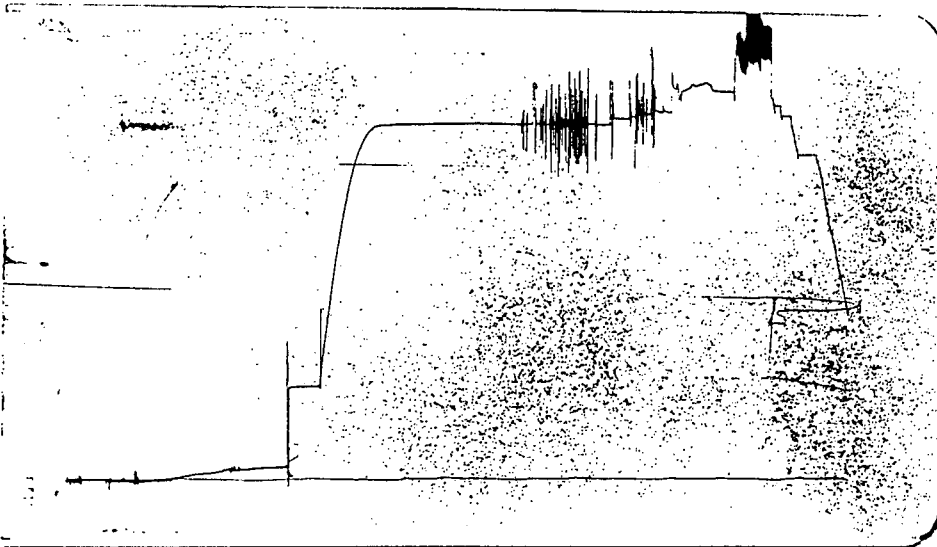
PRESSURE RECORDER NUMBER : 013462

DEPTH : 1462.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 14100.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 2) 1st Flow Start: 397.
- 3) 1st Flow End : 2814.
- 4) END 1st Shutin:
- 5) 2nd Flow Start: 2814.
- 6) 2nd Flow End : 10600.
- 7) END 2nd Shutin: 10600.
- 14) Final Hydro. :



ABOVE HYDRAULIC
TOOL.

TEST TIMES(MIN)
1st FLOW : 9.0
SHUTIN: 58.0
2nd FLOW : 119.0
SHUTIN: 240.5

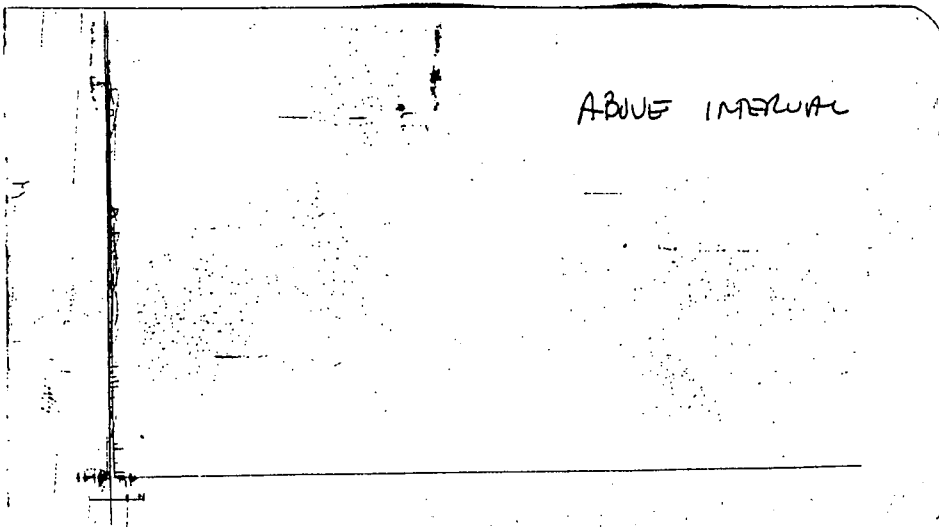
PRESSURE RECORDER NUMBER : 020619

DEPTH : 1469.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21400.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 14) Final Hydro. :



ABOVE INTERVAL.
CLOCK STOPPED,
NO READINGS.