

PARAMOUNT ET AL CAMERO 60.071/117.3

400/ 60.071 / 117.305 /00

DST#02

1512.00m to 1522.07m

KEG RIVER

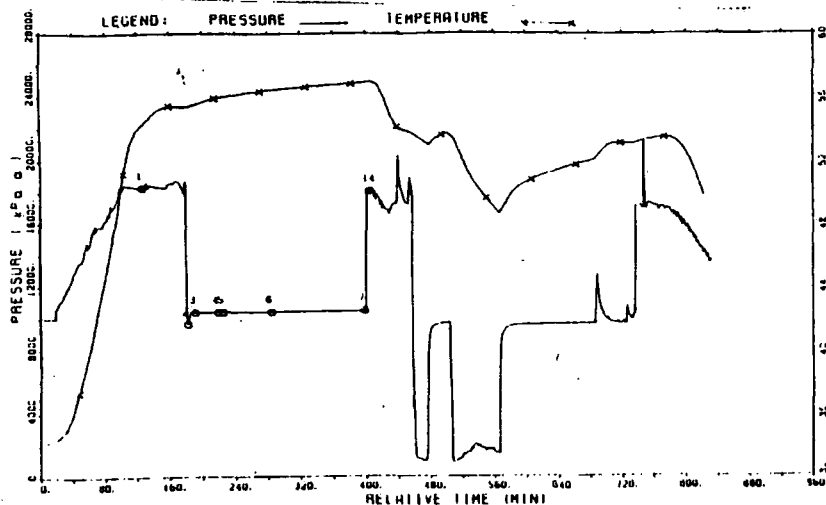
60° 07' 06.80" N
117° 30' 46.21" W

EA 1217

60.118553
117.514933

DEPTH: 1515.00m

RECORDER # 001758

PRESSURE
kPa(a)

- 1) Initial Hydro : 18310. ✓
- 2) 1st Flow Start: 9638. ✓
- 3) 1st Flow End : 10388. ✓
- 4) END 1st Shutin: 10388. ✓
- 5) 2nd Flow Start: 10388. ✓
- 6) 2nd Flow End : 10388. ✓
- 7) END 2nd Shutin: 10466. ✓
- 14) Final Hydro. : 18052. ✓

TEST TIMES (MIN)

1stFLOW : 9.0
SHUTIN: 28.0
2ndFLOW : 60.0
SHUTIN: 114.0

RECOVERY DATA

TOTAL FLUID RECOVERY FOR DST #2 & #3 CONSISTED OF 156.00 M OF DRILLING MUD.
NO GAS TO SURFACE. ✓

REMARKS AND TEST SUMMARY

This is the first of two tests run on the same trip in the hole.
Misrun - the tool was plugged during the test. ✓

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

**MICROFILMED
SUR MICROFILM:**

Well name : PARAMOUNT ET AL CAMERO 60.071/117.3 K.B.Elevation : 790.21m ✓
Location : 400/ 60.071 / 117.305 /00 Grd.Elevation : 786.20m ✓
Interval : 1512.00m ✓ to 1522.07m ✓ TD @ test Date: 1560.00m ✓
Test Date : 89/02/07 ✓ Ticket Number : 79151
Test Type : INFLATE STRADDLE ✓ Unit Number : 860225
Formation : KEG RIVER ✓

Started in hole at : 2400 hrs
Tool opened at : 0950 hrs
Reverse circulated?: YES
Contractor & Rig No: SIERRA #2 ✓
Baker#1 : 1 of 2 on the same trip. ✓

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

Company Rep :
Testers : MACDONALD K

5 REPORTS(S) TO: LLOYD JEFFRIES
Company:

BLOW DESCRIPTION

PREFLOW: Weak air blow increasing to fair in 5 minutes, then steady.
FINAL FLOW: Fair air blow after 10 minutes, decreasing. No gas to surface.

TOTAL LIQUID RECOVERY : 156.00m For DST# 2 through DST# 3

4 Fluid Samples
Sent to: CORE LABS

Field Est. Salinity :20000.0g/m3

156.00m DRILLING MUD. ✓

GAS MEASUREMENTS

No Gas Measurements ✓

TOOL SEQUENCE

*****RECORDER SUMMARY*****

SUB	LENGTH (m)
PUMP OUT SUB	.33
CROSS OVER SUB	.31
INSIDE RECORDER	1.38
HYDRAULIC TOOL	1.50
BTM HOLE SAMPLER	1.03
INSIDE RECORDER	1.38
HYDRAULIC JARS	2.22
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	6.39
PACKER STICK UP	.50
BTM INFLATE PACKER	1.90
PERFORATIONS	.31
BELLY SPRING	2.00

1) NUMBER :	001758	ELECTRONIC GAUGE.
TYPE :	DMRB	
LOCATION:	OUTSIDE	
RANGE:	34500.00kPa(a)	
DEPTH :	1515.00m	
2) NUMBER :	008896	ABOVE HYDRAULIC
TYPE :	K-3	TOOL.
LOCATION:	INSIDE	
RANGE:	21000.00kPa	
DEPTH :	1499.00m	
3) NUMBER :	019664	ABOVE INTERVAL.
TYPE :	K-3	
LOCATION:	INSIDE	
RANGE:	21000.00kPa	
DEPTH :	1503.00m	
4) NUMBER :	021150	
TYPE :	K-3	
LOCATION:	OUTSIDE	
RANGE:	21000.00kPa	
DEPTH :	1515.00m	

***** TOOL TOTAL 28.40 ✓

DRILL COLLARS

ID= 60.0mm: 145.29 ✓

ID= :

DRILL PIPE

OD=114.3mm: 1358.33 ✓

OD= :

COLLAR-PIPE TOTAL 1503.62 ✓

STICK UP ABOVE TABLE : 5.74

TOOL ABOVE INTERVAL : 14.12

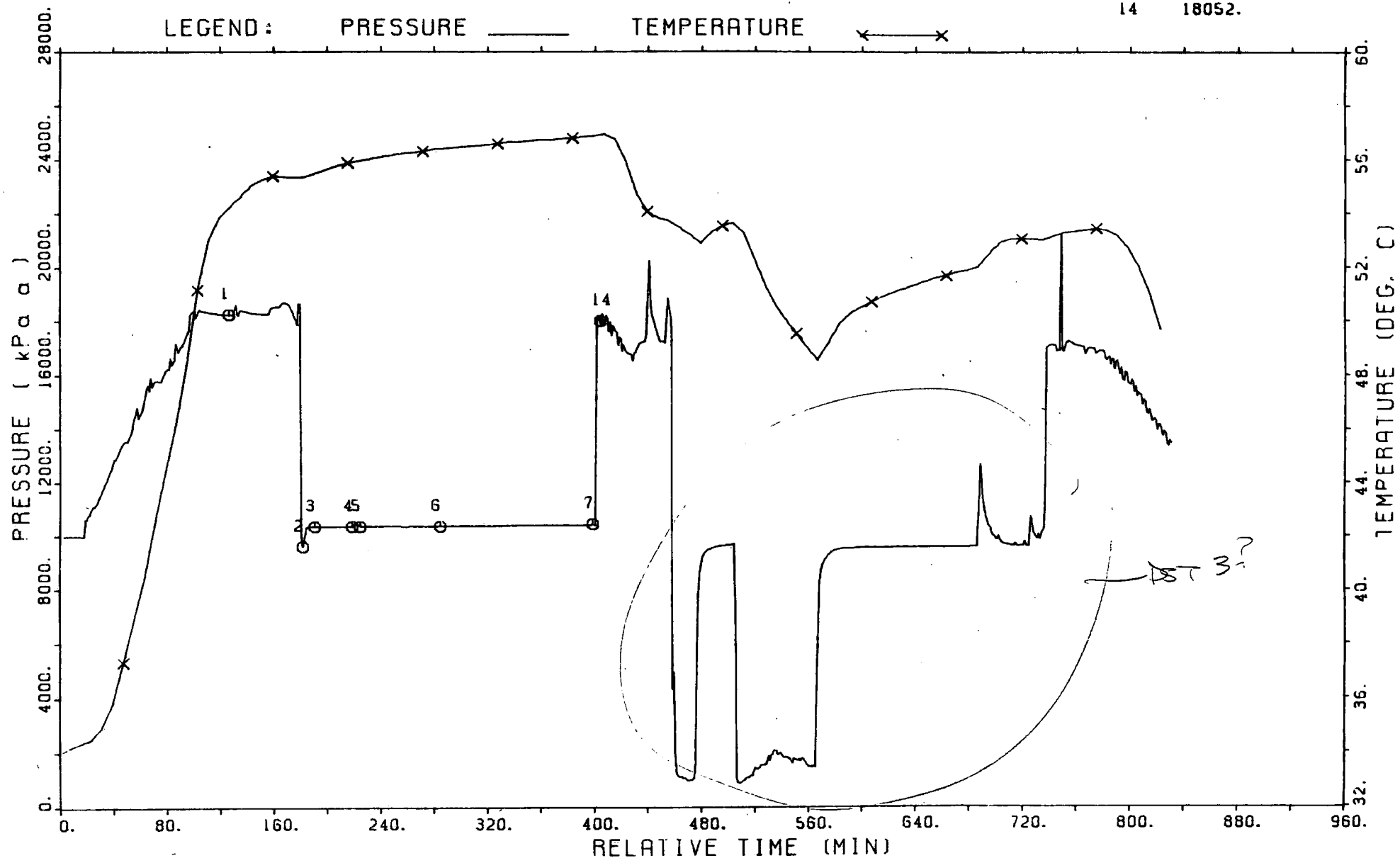
TOTAL INTERVAL : 10.00

BOTTOM CHOKE SIZE: 25.40 mm

MUD AND HOLE DATA

Calipered Hole Size @ Test Depth:	Water Loss :	6.5cc/s ✓
Hole Condition at Test Time : FAIR	Filter Cake:	1.0 mm ✓
Hole Conditioned Prior to Test? : NO		
Mud Weight : 1150.0 kg/m3 ✓	Main Hole Size:	222.00mm ✓
Mud Type : GEL CHEMICAL ✓		
Viscosity : 85.0s/l	Temperature @1515.00m	= 56.9C

LEGEND --	1	=	18310.	kPa(a)
	2		9638.	
	3		10388.	
	4		10388.	
	5		10388.	
	6		10388.	
	7		10466.	
	14		18052.	



PRESSURE RECORDER NUMBER : 001758

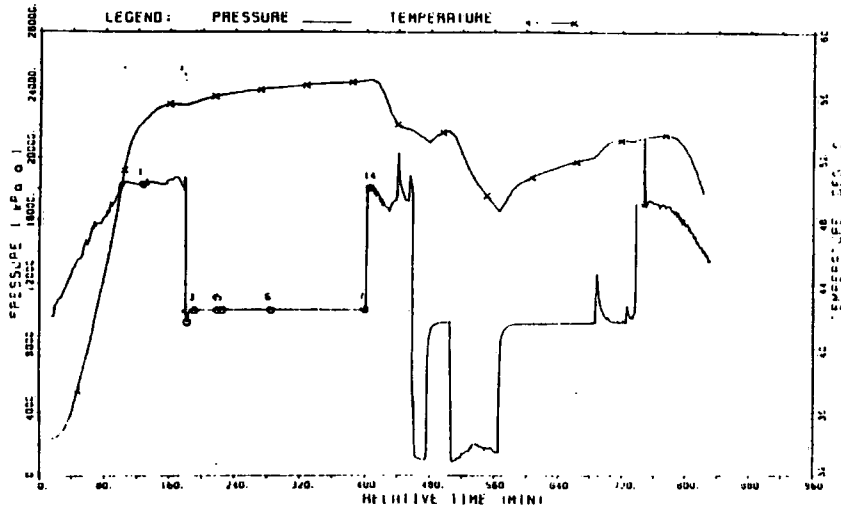
DEPTH : 1515.00m
TYPE : DMRB

LOCATION : OUTSIDE
CAPACITY : 34500.00kPa(a)

PRESSURE
kPa(a)

***** TEMPERATURE AT RECORDER DEPTH = 56.9 C

- 1)Initial Hydro :18310.
- 2)1st Flow Start: 9638.
- 3)1st Flow End :10388.
- 4)END 1st Shutin:10388.
- 5)2nd Flow Start:10388.
- 6)2nd Flow End :10388.
- 7)END 2nd Shutin:10466.
- 14)Final Hydro. :18052.



ELECTRONIC GAUGE.

TEST TIMES(MIN)

- 1st FLOW : 9.0
SHUTIN: 28.0
2nd FLOW : 60.0
SHUTIN: 114.0

PRESSURE RECORDER NUMBER : 008896

DEPTH : 1499.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21000.00 kPa

PRESSURE
kPa

- 1)Initial Hydro :
- 2)1st Flow Start: 468.
- 3)1st Flow End : 636.
- 4)END 1st Shutin:
- 5)2nd Flow Start: 628.
- 6)2nd Flow End : 648.
- 7)END 2nd Shutin: 632.
- 14)Final Hydro. :

Above Hydraulic Tool

ABOVE HYDRAULIC
TOOL.

PRESSURE RECORDER NUMBER : 019664

DEPTH : 1503.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21000.00 kPa

PRESSURE
kPa

- 1) Initial Hydro : 18089.
- 2) 1st Flow Start: 9480.
- 3) 1st Flow End : 9982.
- 4) END 1st Shutin: 10216.
- 5) 2nd Flow Start: 10204.
- 6) 2nd Flow End : 10213.
- 7) END 2nd Shutin: 10224.
- 14) Final Hydro. : 18089.

Above Interval

ABOVE INTERVAL.

TEST TIMES (MIN)

1st FLOW : 9.0
SHUTIN: 28.0
2nd FLOW : 60.0
SHUTIN: 114.0

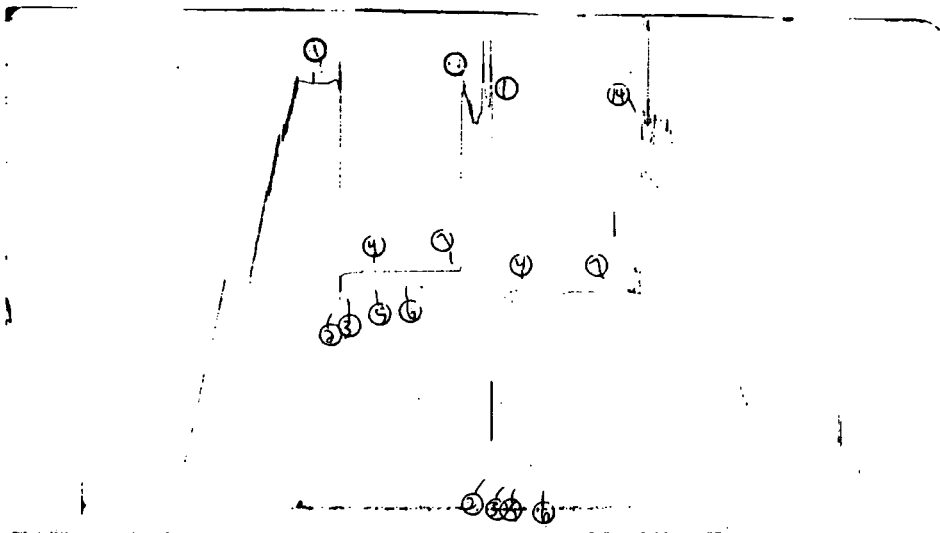
PRESSURE RECORDER NUMBER : 021150

DEPTH : 1515.00m
TYPE : K-3

LOCATION : OUTSIDE
CAPACITY : 21000.00 kPa

PRESSURE
kPa

- 1) Initial Hydro : 18400.
- 2) 1st Flow Start: 9469.
- 3) 1st Flow End : 10271.
- 4) END 1st Shutin: 10329.
- 5) 2nd Flow Start: 10356.
- 6) 2nd Flow End : 10362.
- 7) END 2nd Shutin: 10366.
- 14) Final Hydro. : 18076.



FEB 10 '89 08:01 PARAMOUNT RES

P.2

BAKER OIL TOOLS CANADA
DATACAP DST REPORT

WELL NAME: PARAMOUNT ET AL CAMERON

LOCATION: B8 60 07 06 80

DS# 1 BOT# 1

1512.00 m TO

1522.00 m

KB = 790.21 m

FORMATION: KEG RIVER

TEST TYPE: INFLATE STRADDLE

TESTER NAME: KEN MACDONALD

UNIT NUMBER: 860225

FIELD READINGS kPa

ELECTRONIC READINGS kPa(a)

REC NO : 21150

DMR NO. : 1758

DEPTH : 1515.00 m

DEPTH : 1515.00 m

LOCATION: OUTSIDE

TIMES

LOCATION: OUTSIDE

1) INITIAL HYDRO : 18534.
2) 1st FLOW START:
3) 1st FLOW END : 9.0
4) END 1st SHUTIN: 28.0
5) 2nd FLOW START:
6) 2nd FLOW END : 60.0
7) END 2nd SHUTIN: 10231. 114.0
14) FINAL HYDRO : 18299.

18310.
9638.
10388.
10388.
10388.
10388.
10466.
18052.

BLOW DESCRIPTION:

PF:WEAK AIR BLOW TO FAIR IN 5 MIN THEN STEADY

FF:FAIR BLOW AFTER 10 MIN, DECLINING. NGTS.

CUSHION: NO TYPE:

AMOUNT: 0. m

TOTAL RECOVERY: .00 m

REVERSE CIRCULATED: NO

FIELD ESTIMATED

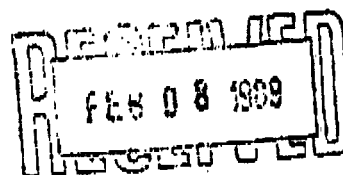
SALINITY: .0 g/m3

GAS MEASUREMENTS: NO

DP OD: 114.0 mm DC ID: 60.00 mm LENGTH: 145.00 m MAIN HOLE: 222.00 mm

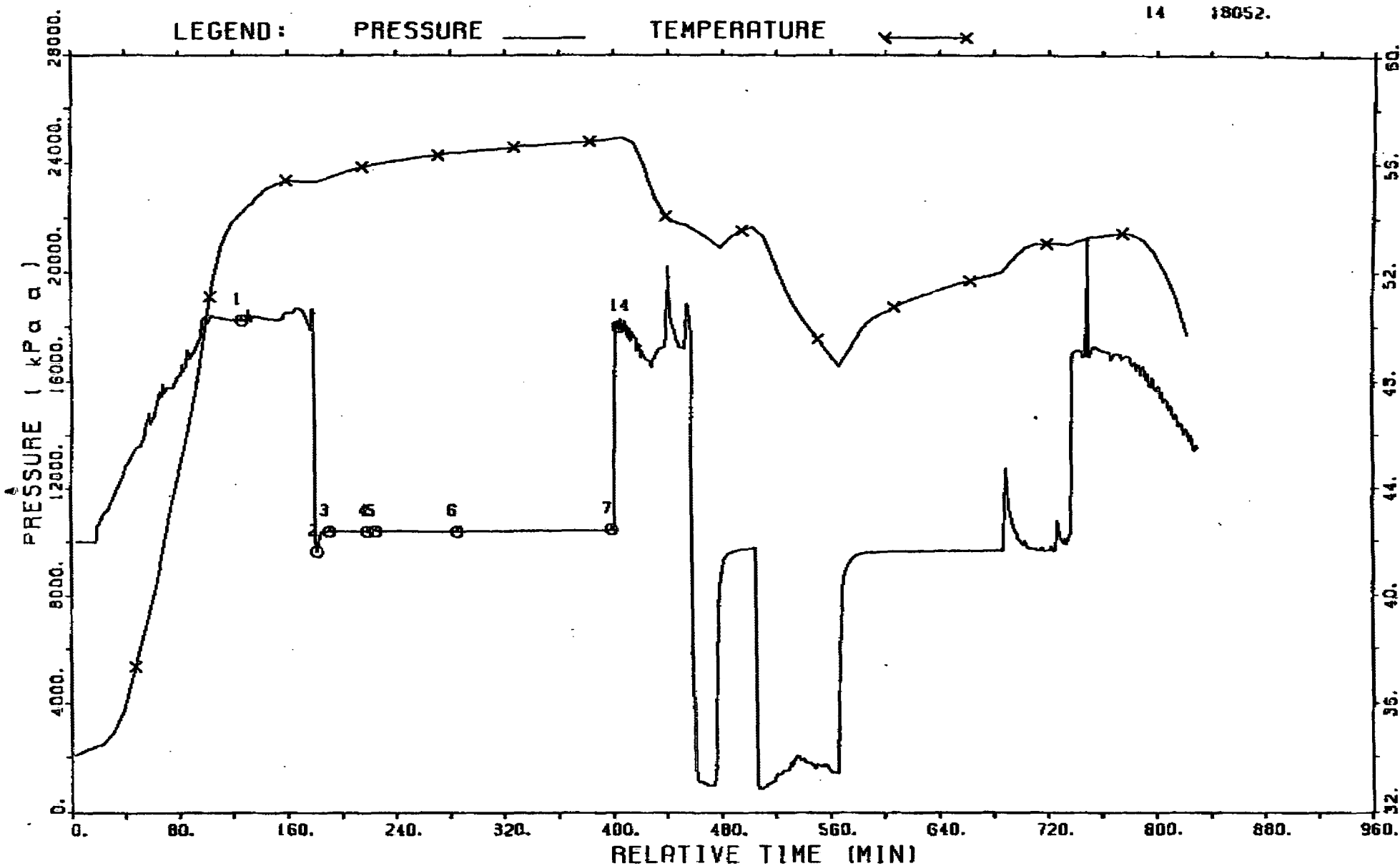
REMARKS

MISRUN - THE TOOL WAS PLUGGED DURING THE TEST.



PARAMOUNT ET AL CAMERON
B8 60 07 06 80
DST# 2

LEGEND: ○ 1 = 18310. kPa(a)
2 9638.
3 10388.
4 10388.
5 10388.
6 10388.
7 10466.
14 18052.



PLOT 1

PARAMOUNT ET AL CAMERO 60.071/117.3

400/ 60.071 / 117.305 /00

DST#03

1410.00m to 1420.07m

SULPHUR POINT

DEPTH: 1413.00m

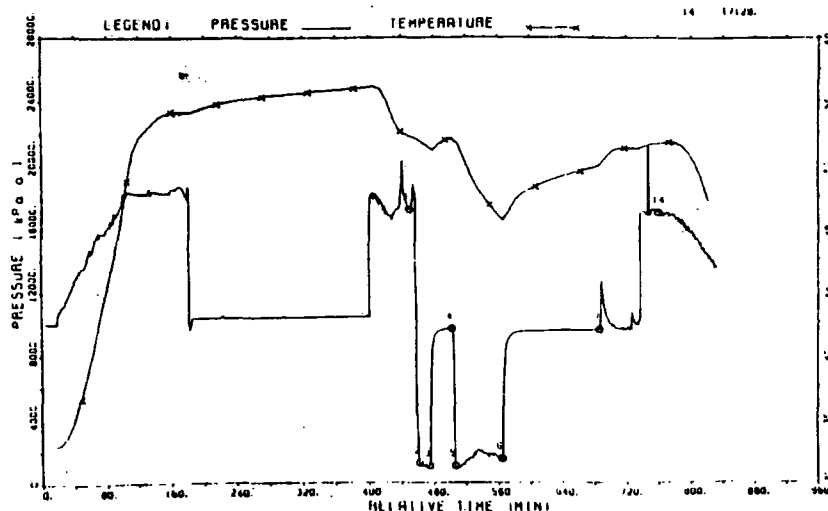
PRESSURE
kPa(a)

- 1) Initial Hydro : 17267.
- 2) 1st Flow Start: 1233. ✓
- 3) 1st Flow End : 1043.
- 4) END 1st Shutin: 9733. ✓
- 5) 2nd Flow Start: 1043.
- 6) 2nd Flow End : 1491. ✓
- 7) END 2nd Shutin: 9672. ✓
- 14) Final Hydro. : 17129.

TEST TIMES(MIN)

- 1stFLOW : 13.0
 SHUTIN: 28.0
 2ndFLOW : 58.0
 SHUTIN: 121.0 ✓

RECORDER # 001758



RECOVERY DATA

GAS TO SURFACE AT AN OPENING FINAL FLOW RATE OF 4 248.00 M3/D INCREASING TO 8 500.00 M3/D. TOTAL FLUID RECOVERY FOR DST #2 & #3 CONSISTED OF 156.00 M OF DRILLING MUD. ✓

REMARKS AND TEST SUMMARY

This is the second of two tests run on the same trip in the hole. Bottom hole pressures and the shape of the shut-in curves suggest AVERAGE PERMEABILITY within the interval tested. Slight plugging is indicated during the flows. This did not seriously affect the test results. The extrapolated pressures indicate 1.4% reservoir depletion.

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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 *****

Well name : PARAMOUNT ET AL CAMERO 60.071/117.3
Location : 400/ 60.071 / 117.305 /00
Interval : 1410.00m to 1420.07m
Test Date : 89/02/07
Test Type : INFLATE STRADDLE
Formation : SULPHUR POINT

K.B.Elevation : 790.21m
Grd.Elevation : 786.20m
TD @ test Date: 1560.00m
Ticket Number : 79152
Unit Number : 860225

Started in hole at : 2400 hrs
Tool opened at : 1427 hrs
Reverse circulated?: YES
Contractor & Rig No: SIERRA #2
Baker#2 : 2 of 2 on the same trip.

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

Company Rep :
Testers : MACDONALD K

5 REPORTS(S) TO: LLOYD JEFFRIES
Company:

BLOW DESCRIPTION

PREFLOW: Strong air blow after 3 minutes. Gas to surface in 7 minutes.
FINAL FLOW: Very strong gas blow throughout.

TOTAL LIQUID RECOVERY : 156.00m

For DST# 2 through DST# 3
4 Fluid Samples
Sent to: CORE LABS

Field Est. Salinity :20000.0g/m3

156.00m DRILLING MUD.

GAS MEASUREMENTS Device: ORIFICE WELL TESTER
Device:
Riser: 50.8mm

Bomb#: 5492
Sent to: CORE LABS

F#	TIME	CHOKE	READING	m3/d	F#	TIME	CHOKE	READING	m3/d
	MIN	mm	kPa			MIN	mm	kPa	
2	10	9.52	250	4248.0	2	40	12.70	240	8500.0
2	20	9.52	430	6398.0	2	50	12.70	240	8500.0
2	30	12.70	255	8887.0	2	58	12.70	240	8500.0

TOOL SEQUENCE

RECORDER SUMMARY

SUB	LENGTH (m)
PUMP OUT SUB	.33
CROSS OVER SUB	.31
INSIDE RECORDER	1.38
HYDRAULIC TOOL	1.50
BTM HOLE SAMPLER	1.03
INSIDE RECORDER	1.38
HYDRAULIC JARS	2.22
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	6.39
PACKER STICK UP	.50
BTM INFLATE PACKER	1.90
PERFORATIONS	.31
BELLY SPRING	2.00

1) NUMBER	: 001758	ELECTRONIC GAUGE.
TYPE	: DMRB	
LOCATION:	OUTSIDE	
RANGE:	34500.00kPa(a)	
DEPTH	: 1413.00m	
2) NUMBER	: 008896	ABOVE HYDRAULIC
TYPE	: K-3	TOOL.
LOCATION:	INSIDE	
RANGE:	21000.00kPa	
DEPTH	: 1397.00m	
3) NUMBER	: 019664	
TYPE	: K-3	
LOCATION:	INSIDE	
RANGE:	21000.00kPa	
DEPTH	: 1401.00m	
4) NUMBER	: 021150	
TYPE	: K-3	
LOCATION:	OUTSIDE	
RANGE:	21000.00kPa	
DEPTH	: 1413.00m	

***** TOOL TOTAL 28.40

DRILL COLLARS

ID= 60.0mm: 145.29
ID= :

DRILL PIPE

OD=114.3mm: 1252.53
OD= :

COLLAR-PIPE TOTAL 1397.82

STICK UP ABOVE TABLE : 1.94
TOOL ABOVE INTERVAL : 14.12
TOTAL INTERVAL : 10.07
BOTTOM CHOKE SIZE: 25.40 mm

MUD AND HOLE DATA

Calipered Hole Size @ Test Depth:	Water Loss : 6.5cc/s
Hole Condition at Test Time : FAIR	Filter Cake: 1.0 mm
Hole Conditioned Prior to Test? : NO	
Mud Weight : 1150.0 kg/m3	Main Hole Size: 222.00mm
Mud Type : GEL CHEMICAL	
Viscosity : 85.0s/l	Temperature @1413.00m = 53.4C

Location: 400/ 60.071 / 117.305 /00
Test Type: INFLATE STRADDLE
Formation: SULPHUR POINT

Recorder Number: 001758
Recorder Depth: 1413.00 m
Subsea Depth: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa(a)	ABSCISSA	PRESSURE SQUARED kPa(a) ² /10 ⁶
1	INITIAL HYDROSTATIC			17267		
2	START OF 1st FLOW	0.0		1233		
		1.0		1112		
		3.0		1060		
		4.0		1086		
		5.0		1017		
		6.0		1035		
		7.0		1017		
		8.0		957		
		9.0		940		
		11.0		974		
		12.0		974		
3	END OF 1st FLOW	13.0		1043		
	1st SHUTIN PERIOD	0.0		1043		
		1.0	517	1560	14.0000	2.4345
		2.0	4638	5681	7.5000	32.2738
		3.0	6681	7724	5.3333	59.6617
		4.0	7578	8621	4.2500	74.3165
		6.0	8190	9233	3.1667	85.2446
		7.0	8319	9362	2.8571	87.6489
		8.0	8397	9440	2.6250	89.1079
		9.0	8448	9491	2.4444	90.0867
		10.0	8500	9543	2.3000	91.0708
		11.0	8526	9569	2.1818	91.5658
		12.0	8543	9586	2.0833	91.8952
		14.0	8586	9629	1.9286	92.7234
		15.0	8604	9647	1.8667	93.0569
		16.0	8621	9664	1.8125	93.3891
		17.0	8638	9681	1.7647	93.7218
		18.0	8647	9690	1.7222	93.8903
		19.0	8655	9698	1.6842*	94.0571
		20.0	8664	9707	1.6500*	94.2239

* VALUES USED FOR EXTRAPOLATIONS

Location: 400/ 60.071 / 117.305 /00
Test Type: INFLATE STRADDLE
Formation: SULPHUR POINT

Recorder Number: 001758
Recorder Depth: 1413.00 m
Subsea Depth: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa(a)	ABSCISSA	PRESSURE SQUARED kPa(a) ² /10 ⁶
		22.0	8672	9716	1.5909*	94.3910
		23.0	8672	9716	1.5652*	94.3910
		24.0	8681	9724	1.5417*	94.5581
		25.0	8690	9733	1.5200*	94.7274
		26.0	8690	9733	1.5000*	94.7274
		27.0	8690	9733	1.4815*	94.7274
4	END OF 1st SHUTIN	28.0	8690	9733	1.4643*	94.7274
5	START OF 2nd FLOW	0.0		1043		
		2.0		845		
		4.0		897		
		7.0		1043		
		9.0		1043		
		11.0		1138		
		14.0		1448		
		16.0		1371		
		18.0		1517		
		20.0		1526		
		23.0		1672		
		25.0		1681		
		27.0		1931		
		30.0		2035		
		32.0		1940		
		34.0		1888		
		36.0		1793		
		39.0		1767		
		41.0		1690		
		43.0		1785		
		46.0		1690		
		48.0		1672		
		50.0		1750		
		52.0		1586		
		55.0		1448		
		57.0		1440		
6	END OF 2nd FLOW	58.0		1491		

* VALUES USED FOR EXTRAPOLATIONS

Location: 400/ 60.071 / 117.305 /00
Test Type: INFLATE STRADDLE
Formation: SULPHUR POINT

Recorder Number: 001758
Recorder Depth: 1413.00 m
Subsea Depth: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa(a)	PRESSURE SQUARED kPa(a) ² /10 ⁶
2nd SHUTIN PERIOD		0.0		1491	
		2.0	3629	5121	26.2216
		5.0	7190	8681	75.3598
		7.0	7560	9052	81.9333
		9.0	7741	9233	85.2446
		12.0	7922	9414	88.6197
		14.0	8000	9491	90.0867
		16.0	8043	9535	90.9067
		18.0	8069	9560	91.3994
		21.0	8103	9595	92.0602
		23.0	8112	9603	92.2253
		25.0	8121	9612	92.3925
		28.0	8121	9612	92.3925
		30.0	8121	9612	92.3925
		32.0	8129	9621	92.5579
		34.0	8129	9621	92.5579
		37.0	8138	9629	92.7234
		39.0	8138	9629	92.7234
		41.0	8138	9629	92.7234
		44.0	8138	9629	92.7234
		46.0	8138	9629	92.7234
		48.0	8147	9638	92.8891
		50.0	8147	9638	92.8891
		53.0	8147	9638	92.8891
		55.0	8147	9638	92.8891
		57.0	8147	9638	92.8891
		60.0	8155	9647	93.0569
		62.0	8155	9647	93.0569
		64.0	8155	9647	93.0569
		66.0	8155	9647	93.0569
		69.0	8155	9647	93.0569
		71.0	8155	9647	93.0569
		73.0	8155	9647	93.0569
		76.0	8155	9647	93.0569
		78.0	8155	9647	93.0569

* VALUES USED FOR EXTRAPOLATIONS

Location: 400/ 60.071 / 117.305 /00
 Test Type: INFLATE STRADDLE
 Formation: SULPHUR POINT

Recorder Number: 001758
 Recorder Depth: 1413.00 m
 Subsea Depth: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE(T+dt)/dt kPa(a)	ABSCISSA	PRESSURE SQUARED kPa(a) ² /10 ⁶
		80.0	8155	9647	1.8875*	93.0569
		82.0	8155	9647	1.8659*	93.0569
		85.0	8164	9655	1.8353*	93.2229
		87.0	8164	9655	1.8161*	93.2229
		89.0	8164	9655	1.7978*	93.2229
		92.0	8164	9655	1.7717*	93.2229
		94.0	8164	9655	1.7553*	93.2229
		96.0	8172	9664	1.7396*	93.3891
		98.0	8172	9664	1.7245*	93.3891
		101.0	8172	9664	1.7030*	93.3891
		103.0	8172	9664	1.6893*	93.3891
		105.0	8172	9664	1.6762*	93.3891
		108.0	8172	9664	1.6574*	93.3891
		110.0	8172	9664	1.6455*	93.3891
		112.0	8172	9664	1.6339*	93.3891
		114.0	8172	9664	1.6228*	93.3891
		117.0	8181	9672	1.6068*	93.5553
		119.0	8181	9672	1.5966*	93.5553
7	END OF 2nd SHUTIN	121.0	8181	9672	1.5868*	93.5553
14	FINAL HYDROSTATIC			17129		

* VALUES USED FOR EXTRAPOLATIONS

1st SHUT-IN

HORNER EXTRAPOLATION 9836.48 kPa(a)
 HORNER SLOPE 11.77225 (kPa(a)**2/10**6)/CYCLE

2nd SHUT-IN

HORNER EXTRAPOLATION 9702.89 kPa(a)
 HORNER SLOPE 3.46189 (kPa(a)**2/10**6)/CYCLE

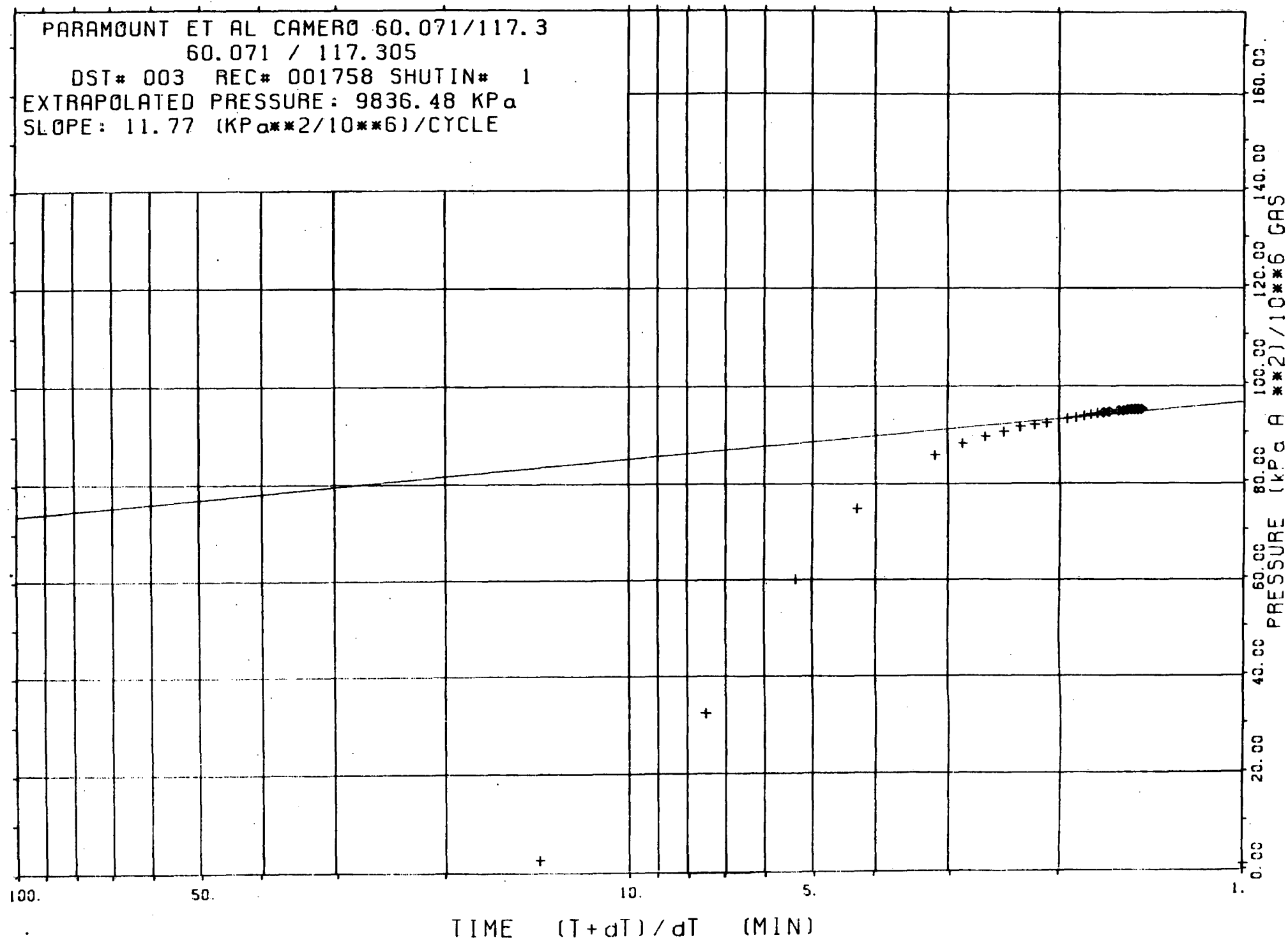
PARAMOUNT ET AL CAMERO 60.071/117.3

60.071 / 117.305

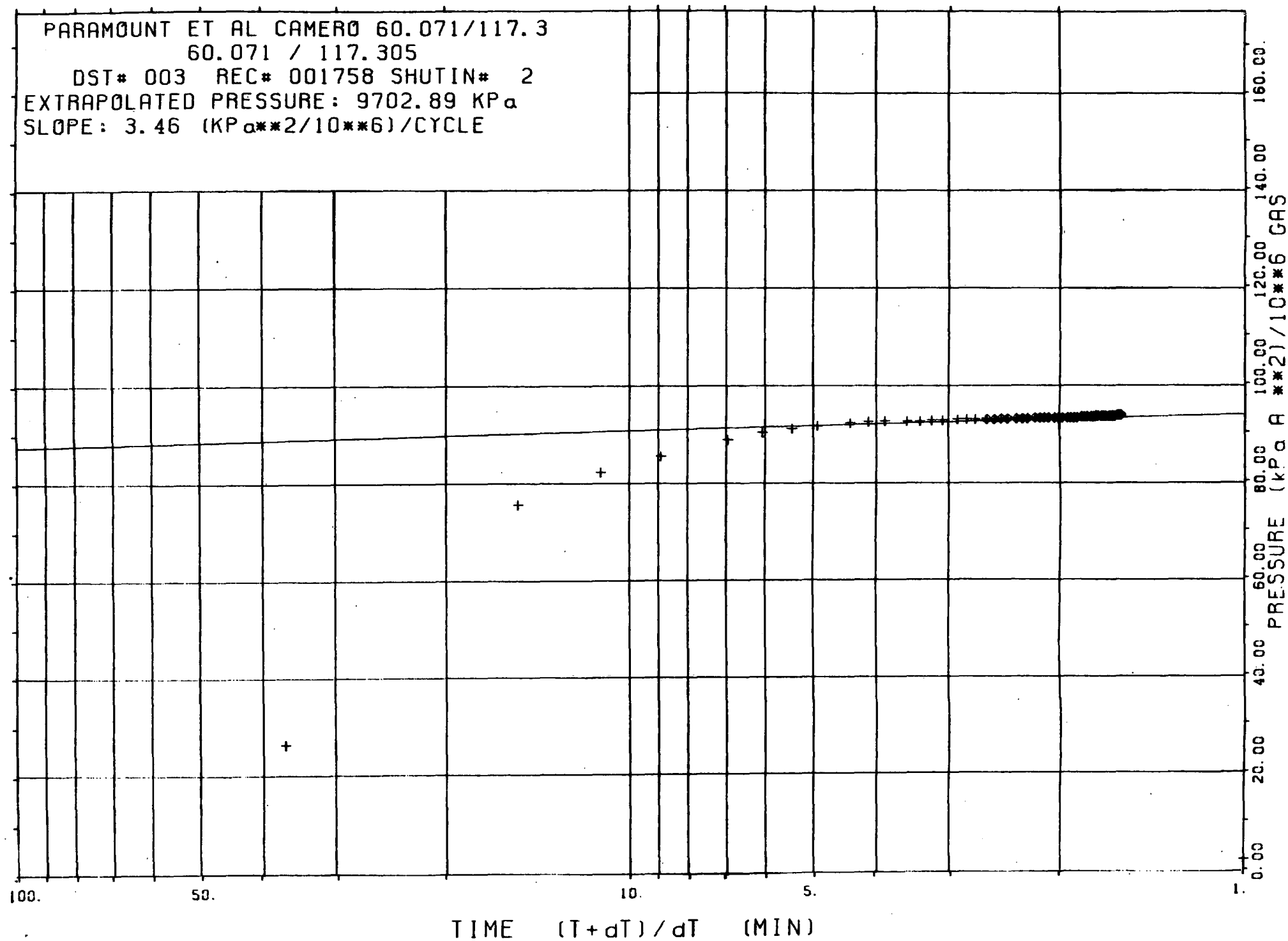
DST# 003 REC# 001758 SHUTIN# 1

EXTRAPOLATED PRESSURE: 9836.48 KPa

SLOPE: 11.77 (KPa**2/10**6)/CYCLE



PARAMOUNT ET AL CAMERØ 60.071/117.3
60.071 / 117.305
DST* 003 REC* 001758 SHUTIN* 2
EXTRAPOLATED PRESSURE: 9702.89 KPa
SLOPE: 3.46 (KPa**2/10**6)/CYCLE



PARAMOUNT ET AL CAMERO 60.071/117.3

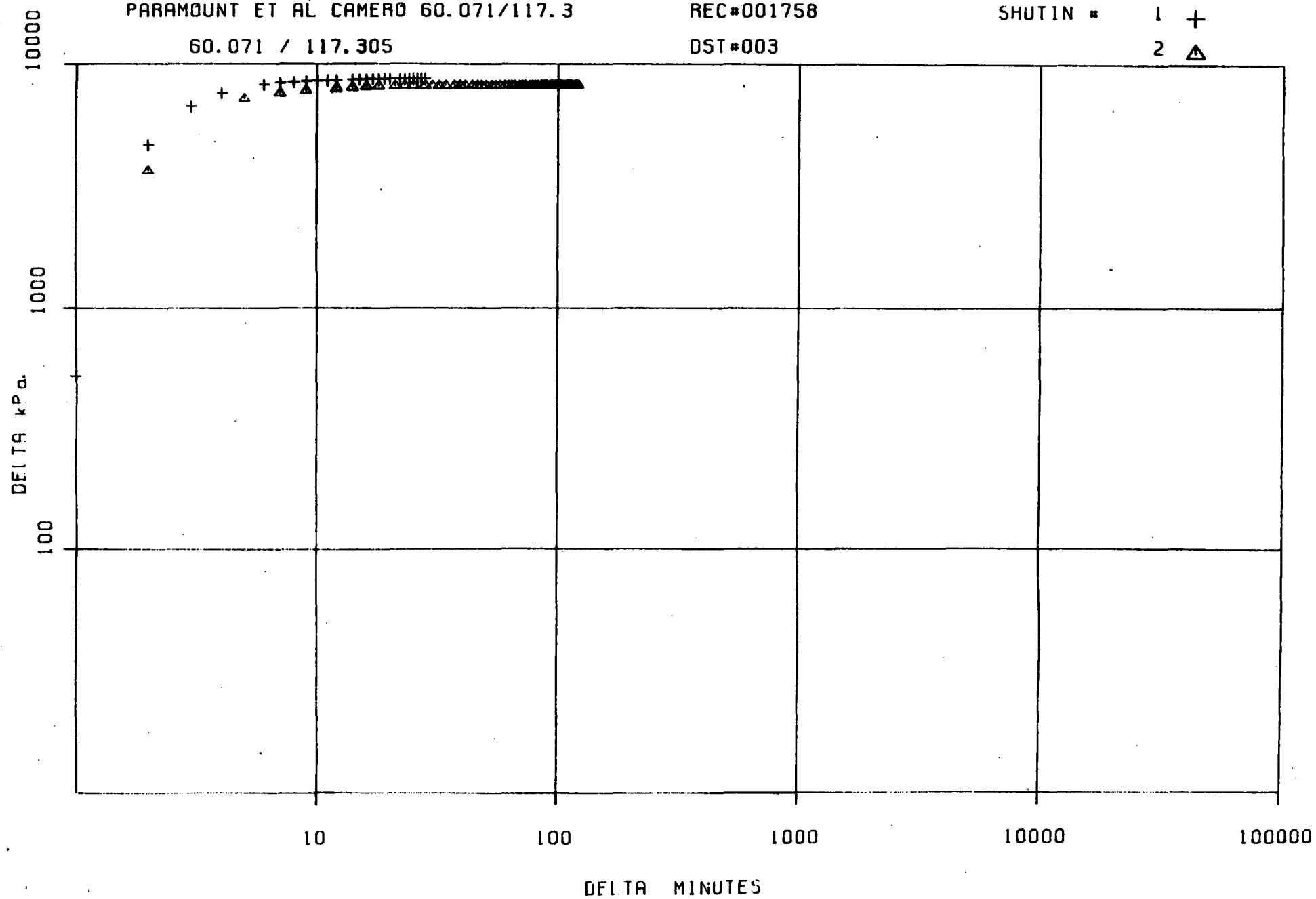
REC*001758

SHUTIN * 1 +

60.071 / 117.305

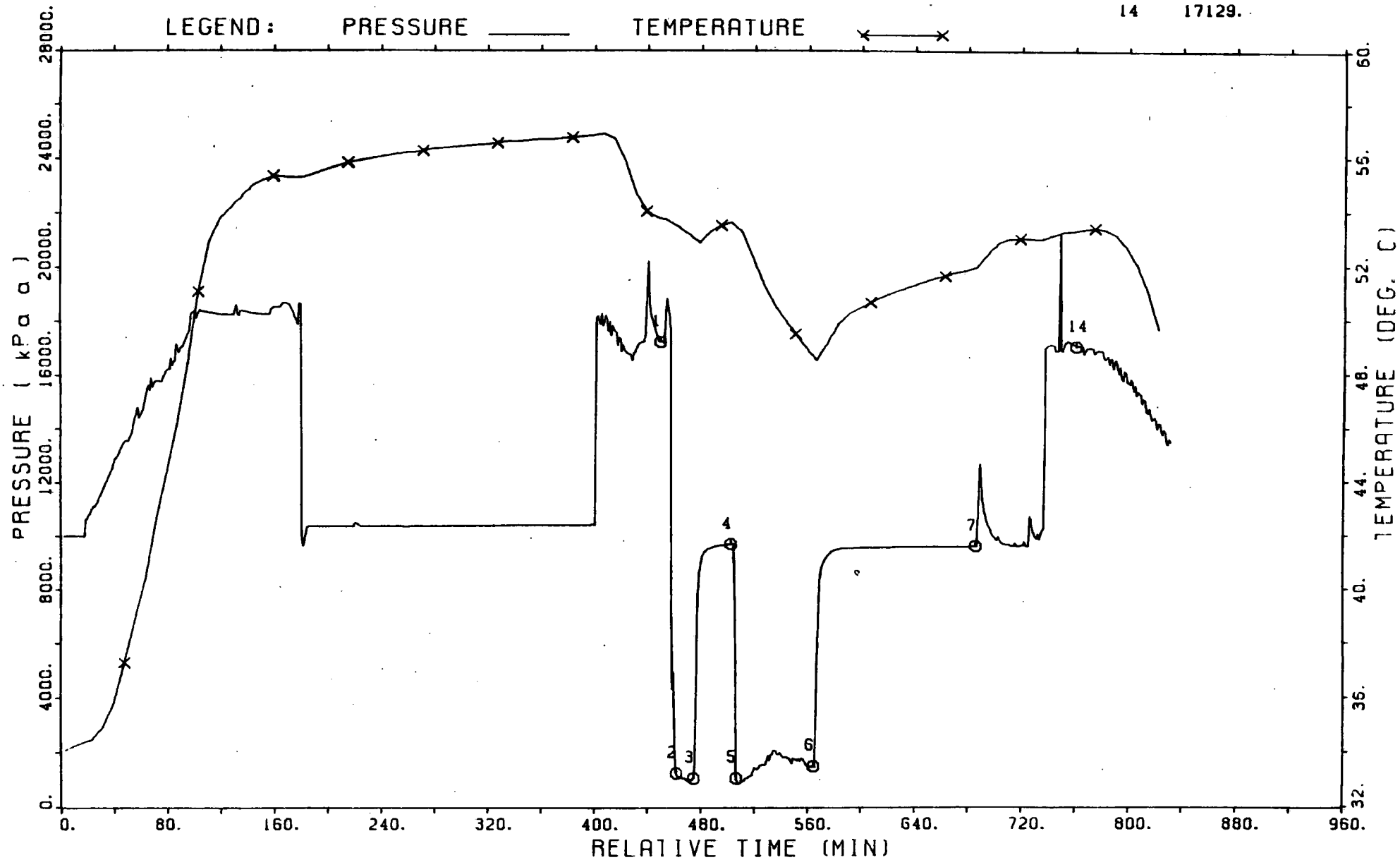
DST*003

2 Δ



PARAMOUNT ET AL CAMERO
60.071/117.305 DST #3
ELECTRONIC GAUGE #1758

LEGEND. ○ 1 = 17267. kPa(a)
2 = 1233.
3 = 1043.
4 = 9733.
5 = 1043.
6 = 1491.
7 = 9672.
14 = 17129.



DST#03
PARAMOUNT ET AL CAMERO 60.071/117.3
1410.00m to 1420.07m

PRESSURE RECORDER NUMBER : 001758

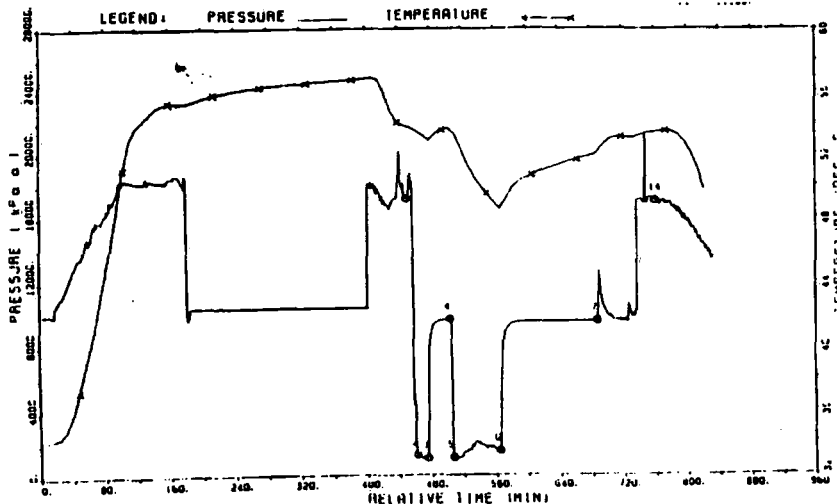
DEPTH : 1413.00m
TYPE : DMRB

LOCATION : OUTSIDE
CAPACITY : 34500.00kPa(a)

PRESSURE
kPa(a)

***** TEMPERATURE AT RECORDER DEPTH = 53.4 C

- 1) Initial Hydro : 17267.
- 2) 1st Flow Start: 1233.
- 3) 1st Flow End : 1043.
- 4) END 1st Shutin: 9733.
- 5) 2nd Flow Start: 1043.
- 6) 2nd Flow End : 1491.
- 7) END 2nd Shutin: 9672.
- 14) Final Hydro. : 17129.



ELECTRONIC GAUGE.

TEST TIMES (MIN)

- 1st FLOW : 13.0
SHUTIN: 28.0
2nd FLOW : 58.0
SHUTIN: 121.0

PRESSURE RECORDER NUMBER : 008896

DEPTH : 1397.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21000.00 kPa

PRESSURE
kPa

- 1) Initial Hydro :
- 2) 1st Flow Start: 813.
- 3) 1st Flow End : 858.
- 4) END 1st Shutin:
- 5) 2nd Flow Start: 864.
- 6) 2nd Flow End : 1068.
- 7) END 2nd Shutin: 1156.
- 14) Final Hydro. :

Above Hydraulic Tool

ABOVE HYDRAULIC
TOOL.

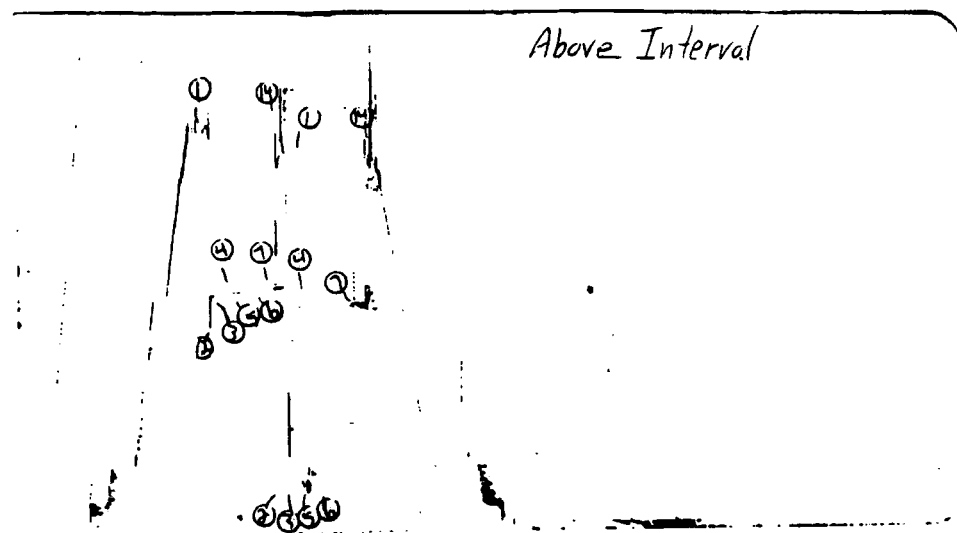
PRESSURE RECORDER NUMBER : 019664

DEPTH : 1401.00m
TYPE : K-3

LOCATION : INSIDE
CAPACITY : 21000.00 kPa

PRESSURE
kPa

- 1) Initial Hydro : 17017.
- 2) 1st Flow Start: 880.
- 3) 1st Flow End : 787.
- 4) END 1st Shutin: 9454.
- 5) 2nd Flow Start: 1044.
- 6) 2nd Flow End : 1269.
- 7) END 2nd Shutin: 9451.
- 14) Final Hydro. : 16675.



TEST TIMES (MIN)

1st FLOW : 13.0
SHUTIN: 28.0
2nd FLOW : 58.0
SHUTIN: 121.0

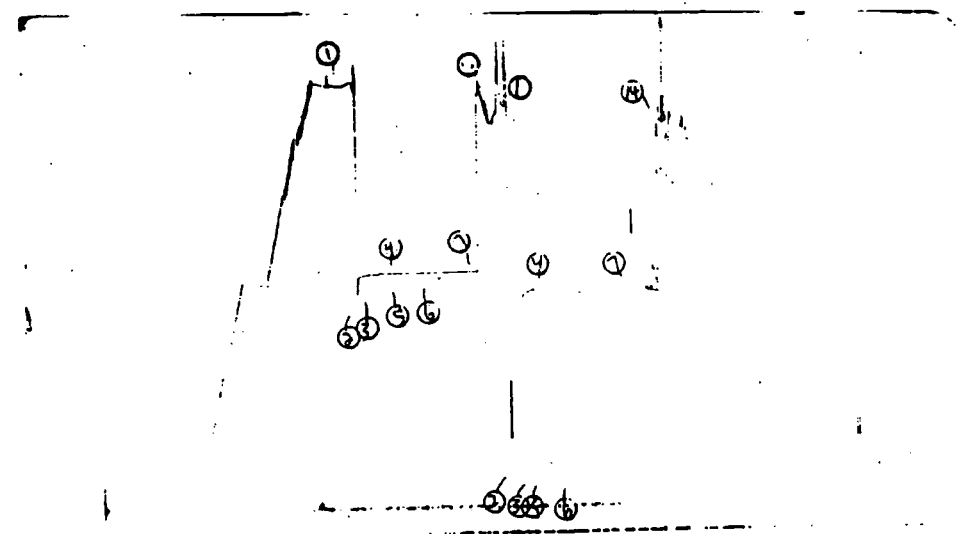
PRESSURE RECORDER NUMBER : 021150

DEPTH : 1413.00m
TYPE : K-3

LOCATION : OUTSIDE
CAPACITY : 21000.00 kPa

PRESSURE
kPa

- 1) Initial Hydro : 17419.
- 2) 1st Flow Start: 1277.
- 3) 1st Flow End : 955.
- 4) END 1st Shutin: 9531.
- 5) 2nd Flow Start: 932.
- 6) 2nd Flow End : 1455.
- 7) END 2nd Shutin: 9484.
- 14) Final Hydro. : 17386.



FEB 10 '89 08:02 PARAMOUNT^{RES}

P.4

BAKER OIL TOOLS CANADA
DATACAP DST REPORT

WELL NAME: PARAMOUNT ET AL CAMERON LOCATION: B8 60 07 06 80
 DST: ~~1410.00~~ BOT# 2 1410.00 m TO 1420.00 m KB = 790.21 m
 FORMATION: SULPHUR PT. TEST TYPE: INFLATE STRADDLE
 TESTER NAME: KEN MACDONALD UNIT NUMBER: 860225

FIELD READINGS kPa

ELECTRONIC READINGS kPa(a)

REC NO : 21150
 DEPTH : 1413.00 m
 LOCATION: OUTSIDE

DMR NO. : 1758
 DEPTH : 1413.00 m
 LOCATION: OUTSIDE

TIMES

1) INITIAL HYDRO :	18554.		17267.
2) 1st FLOW START:	1144.		1233.
3) 1st FLOW END :	889.	13.0	1043.
4) END 1st SHUTIN:	9467.	28.0	9733.
5) 2nd FLOW START:	804.		1043.
6) 2nd FLOW END :	1399.	58.0	1491.
7) END 2nd SHUTIN:	9467.	121.0	9672.
14) FINAL HYDRO :	17874.		17129.

BLOW DESCRIPTION:

PF:STRONG BLOW IN 3 MIN. GTS IN 7 MIN.
 ff:VERY STRONG GAS BLOW THROUGHOUT

CUSHION: NO TYPE: AMOUNT: 0. m

TOTAL RECOVERY: 156.00 m REVERSE CIRCULATED: YES FIELD ESTIMATED
 SALINITY: 20000.0 g/m3

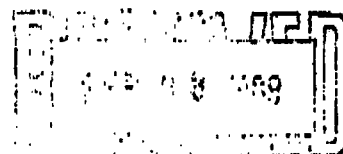
156.00 m of MUD

GAS MEASUREMENTS: YES (SEE ATTACHED PAGE FOR MEASUREMENTS)

DP OD: 114.0 mm DC ID: 60.00 mm LENGTH: 145.00 m MAIN HOLE: 222.00 mm

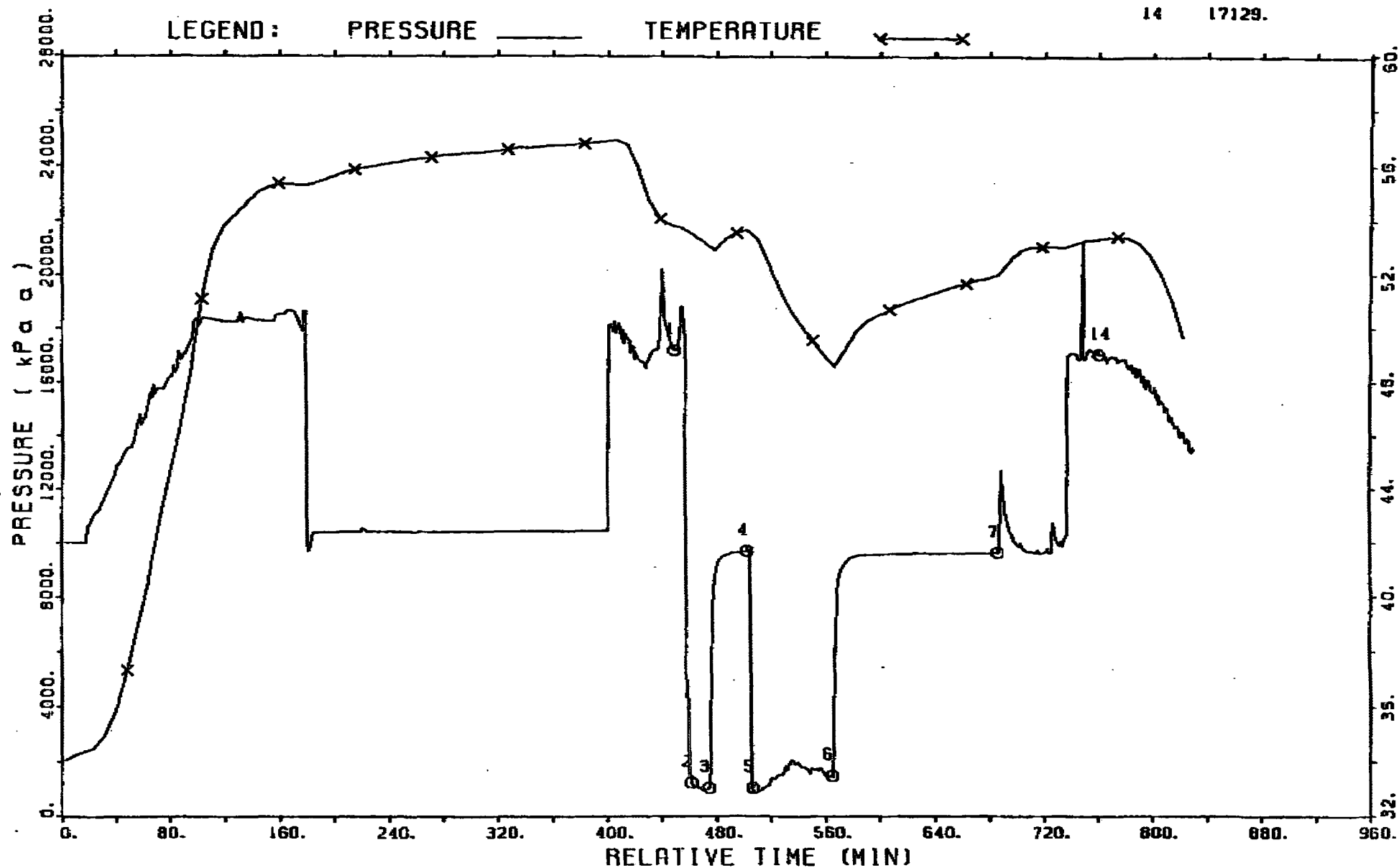
REMARKS

SUCCESSFUL TEST. RESULTS SUGGEST AVERAGE PERMEABILITY.
 MINOR PLUGGING DURING THE FLOWS. THIS DID NOT SERIOUSLY AFFECT THE
 TEST RESULTS. THE EXTRAPOLATED SHUT-IN PRESSURES SUGGEST A POSSIBLE
 1.4% RESERVOIR DEPLETION.



PARAMOUNT ET AL CAMERON
 B8 60 07 06 80
 DST# 3

LEGEND: ① 1 = 17267. kPa(a)
 2 1233.
 3 1043.
 4 9733.
 5 1043.
 6 1491.
 7 9672.
 14 17129.



PLOT 1

FEB 10 '89 08:03 PARAMOUNT RES

P.6

GAS MEASUREMENTS

MEASURED WITH: ORIFICE TESTER (2 RE

TIME ----	SURFACE CHOKE (mm) -----	SURFACE PRESSURE (kPa) -----	GAS RATE (m3/day) -----
10	9.52	250.	4248.
20	9.52	430.	6398.
30	12.70	255.	8887.
40	12.70	240.	8500.
50	12.70	240.	8500.
60	12.70	240.	8500.

FEB 10 '89 08:03 PARAMOUNT RES

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DST# 3
PARAMOUNT ET AL CAMERON
1410.00 m to 1420.00 m

Location: B8 60 07 06 80
Test Type: INFLATE STRADDLE
Formation: SULPHUR PT.

Recorder Number: 1758
Recorder Depth: 1413.00 m
SUBSEA DEPTH: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE kPa(a)	(T+dt)/dt ABSCISSA	PRESSURE SQUARED kPa(a) ² /10 ⁶
1	INITIAL HYDROSTATIC			17267.		
2	START OF 1st FLOW	.0		1233.		
		1.0		1112.		
		3.0		1060.		
		4.0		1086.		
		5.0		1017.		
		6.0		1035.		
		7.0		1017.		
		8.0		957.		
		9.0		940.		
		11.0		974.		
		12.0		974.		
3	END OF 1st FLOW	13.0		1043.		
	1st SHUTIN PERIOD	.0		1043.		
		1.0	817.	1560.	14.0000	2.4345
		2.0	4638.	5681.	7.5000	32.2738
		3.0	6681.	7724.	5.3333	59.6617
		4.0	7578.	8621.	4.2500	74.3165
		6.0	8190.	9233.	3.1667	83.2446
		7.0	8319.	9362.	2.8571	87.6489
		8.0	8397.	9440.	2.6250	89.1079
		9.0	8448.	9491.	2.4444	90.0867
		10.0	8500.	9543.	2.3000	91.0708
		11.0	8526.	9569.	2.1818	91.5658
		12.0	8543.	9586.	2.0833	91.8952
		14.0	8586.	9629.	1.9286	92.7234
		15.0	8604.	9647.	1.8667	93.0569
		16.0	8621.	9664.	1.8125	93.3890
		17.0	8638.	9681.	1.7647	93.7218
		18.0	8647.	9690.	1.7222	93.8903
		19.0	8655.	9698.	1.6842*	94.0570
		20.0	8664.	9707.	1.6500*	94.2239
		22.0	8672.	9716.	1.5909*	94.3909
		23.0	8672.	9716.	1.5652*	94.3909
		24.0	8681.	9724.	1.5417*	94.5581
		25.0	8690.	9733.	1.5200*	94.7274
		26.0	8690.	9733.	1.5000*	94.7274
		27.0	8690.	9733.	1.4815*	94.7274

FEB 10 '89 08:04 PARAMOUNT RES

DST# 3

PARAMOUNT ET AL CAMERON

1410.00 m to 1420.00 m

Location: B8 60 07 06 80
 Test Type: INFLATE STRADDLE
 Formation: SULPHUR PT.

Recorder Number: 1758
 Recorder Depth: 1413.00 m
 SUBSEA DEPTH: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE kPa(a)	(T+dt)/dt ABSCISSA	PRESSURE SQUARED kPa(a) ² /10 ⁶
4	END OF 1st SHUTIN	28.0	8690.	9733.	1.4643*	94.7274
5	START OF 2nd FLOW	.0		1043.		
		2.0		845.		
		4.0		897.		
		7.0		1043.		
		9.0		1043.		
		11.0		1138.		
		14.0		1448.		
		16.0		1371.		
		18.0		1517.		
		20.0		1526.		
		23.0		1672.		
		25.0		1681.		
		27.0		1931.		
		30.0		2035.		
		32.0		1940.		
		34.0		1888.		
		36.0		1793.		
		39.0		1767.		
		41.0		1690.		
		43.0		1785.		
		46.0		1690.		
		48.0		1672.		
		50.0		1750.		
		52.0		1586.		
		55.0		1448.		
		57.0		1440.		
6	END OF 2nd FLOW	58.0		1491.		
	2nd SHUTIN PERIOD	.0		1491.		
		2.0	3629.	5121.	36.5000	26.2216
		5.0	7190.	8681.	15.2000	75.3598
		7.0	7560.	9052.	11.1429	81.9333
		9.0	7741.	9233.	8.8889	85.2446
		12.0	7922.	9414.	6.9167	88.6196
		14.0	8000.	9491.	6.0714	90.0867
		16.0	8043.	9535.	5.4375	90.9067
		18.0	8069.	9560.	4.9444	91.3993
		21.0	8103.	9595.	4.3810	92.0602

FEB 10 '89 08:08 PARAMOUNT RES 1

P.1

DST# 3
PARAMOUNT ET AL CAMERON
1410.00 m to 1420.00 m

Location: B8 60 07 06 80
Test Type: INFLATE STRADDLE
Formation: SULPHUR PT.

Recorder Number: 1758
Recorder Depth: 1413.00 m
SUBSEA DEPTH: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE kPa (a)	(T+dt)/dt ABSCISSA	PRESSURE SQUARED kPa(a) ² /10 ⁶
		23.0	8112.	9603.	4.0870	92.2253
		25.0	8121.	9612.	3.8400	92.3925
		28.0	8121.	9612.	3.5357	92.3925
		30.0	8121.	9612.	3.3667	92.3925
		32.0	8129.	9621.	3.2188	92.5579
		34.0	8129.	9621.	3.0882	92.5579
		37.0	8138.	9629.	2.9189	92.7234
		39.0	8138.	9629.	2.8205	92.7234
		41.0	8138.	9629.	2.7317	92.7234
		44.0	8138.	9629.	2.6136*	92.7234
		46.0	8138.	9629.	2.5435*	92.7234
		48.0	8147.	9638.	2.4792*	92.8891
		50.0	8147.	9638.	2.4200*	92.8891
		53.0	8147.	9638.	2.3396*	92.8891
		55.0	8147.	9638.	2.2909*	92.8891
		57.0	8147.	9638.	2.2456*	92.8891
		60.0	8155.	9647.	2.1833*	93.0569
		62.0	8155.	9647.	2.1452*	93.0569
		64.0	8155.	9647.	2.1094*	93.0569
		66.0	8155.	9647.	2.0758*	93.0569
		69.0	8155.	9647.	2.0290*	93.0569
		71.0	8155.	9647.	2.0000*	93.0569
		73.0	8155.	9647.	1.9726*	93.0569
		76.0	8155.	9647.	1.9342*	93.0569
		78.0	8155.	9647.	1.9103*	93.0569
		80.0	8155.	9647.	1.8875*	93.0569
		82.0	8155.	9647.	1.8659*	93.0569
		85.0	8164.	9655.	1.8353*	93.2229
		87.0	8164.	9655.	1.8161*	93.2229
		89.0	8164.	9655.	1.7978*	93.2229
		92.0	8164.	9655.	1.7717*	93.2229
		94.0	8164.	9655.	1.7553*	93.2229
		96.0	8172.	9664.	1.7396*	93.3890
		98.0	8172.	9664.	1.7245*	93.3890
		101.0	8172.	9664.	1.7030*	93.3890
		103.0	8172.	9664.	1.6893*	93.3890
		105.0	8172.	9664.	1.6762*	93.3890
		108.0	8172.	9664.	1.6574*	93.3890
		110.0	8172.	9664.	1.6455*	93.3890
		112.0	8172.	9664.	1.6339*	93.3890
		114.0	8172.	9664.	1.6228*	93.3890
		117.0	8181.	9672.	1.6068*	93.5553
		119.0	8181.	9672.	1.5966*	93.5553
7	END OF 2nd SHUTIN	121.0	8181.	9672.	1.5868*	93.5553

FEB 10 '89 08:09 PARAMOUNT RES

P.3

DST# 3
PARAMOUNT ET AL CAMERON
1410.00 m to 1420.00 m

Location: B8 60 07 06 80
Test Type: INFLATE STRADDLE
Formation: SULPHUR PT.

Recorder Number: 1758
Recorder Depth: 1413.00 m
SUBSEA DEPTH: -622.79 m

TIME-PRESSURE LISTING

CHART LABEL	COMMENTS	TIME MIN.	DELTA P kPa	PRESSURE kPa(a)	(T+dt)/dt ABSCISSA	PRESSURE SQUARED kPa(a) ² /10 ⁶
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14 FINAL HYDROSTATIC

17129.

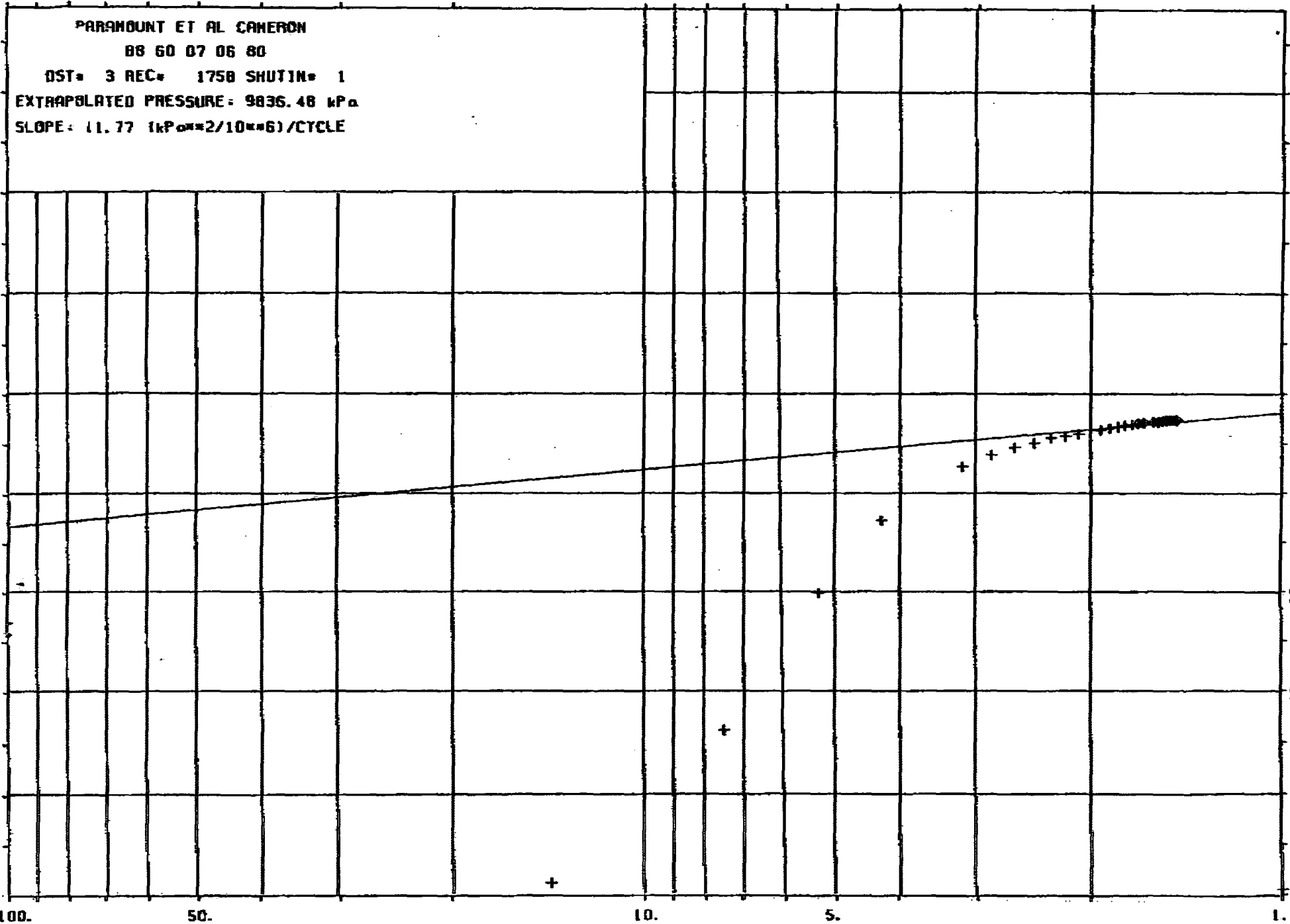
* DENOTES VALUES USED FOR EXTRAPOLATION

1 st SHUT-IN
HORNER EXTRAPOLATION 9836.48 kPa(a)
HORNER SLOPE 11.77225 (kPa(a)**2/10**6)/cycle

2 nd SHUT-IN
HORNER EXTRAPOLATION 9702.89 kPa(a)
HORNER SLOPE 3.46189 (kPa(a)**2/10**6)/cycle

GAS PRESSURE (kPa) 100. 120. 140. 160.

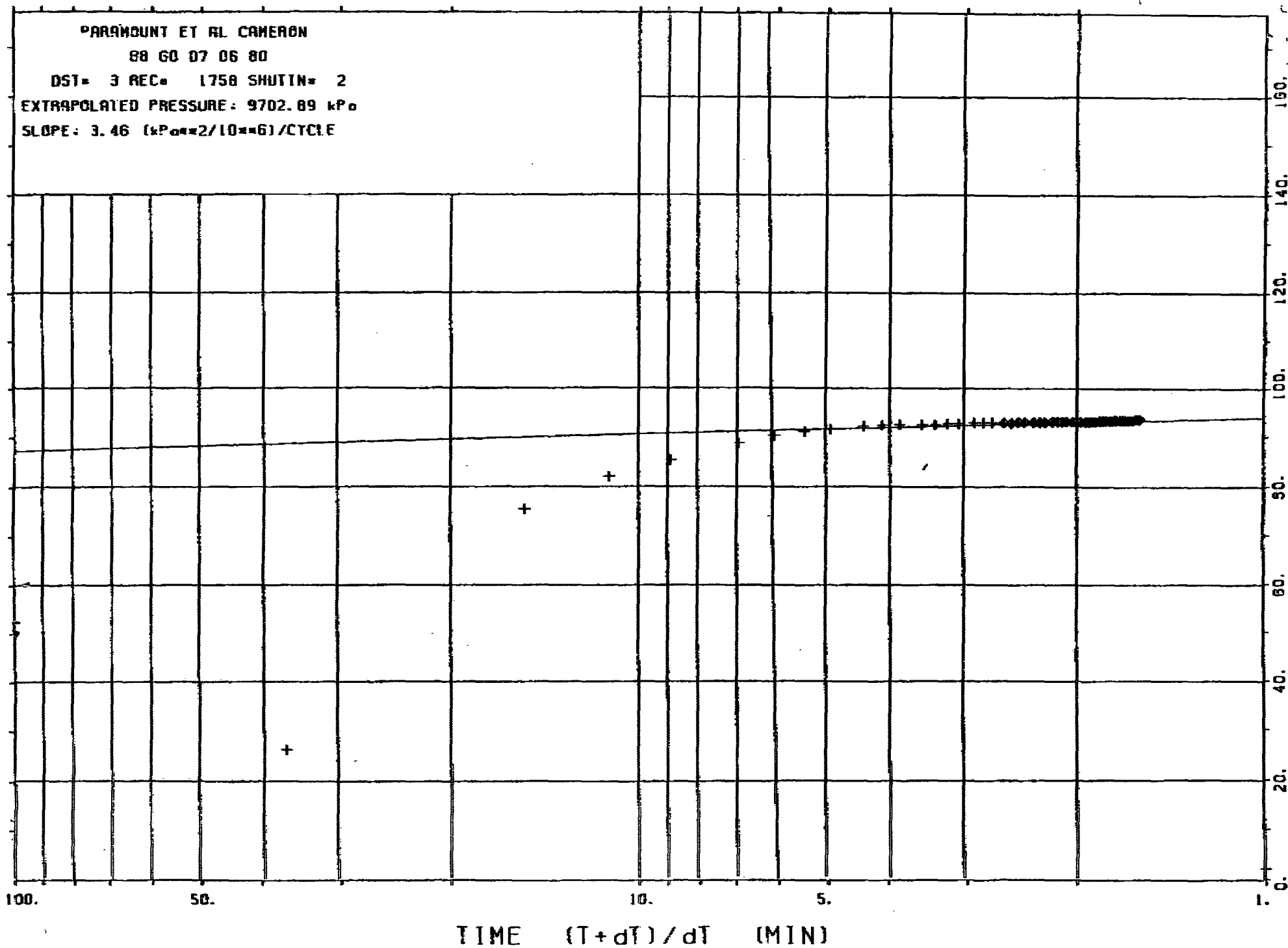
TIME (T+DT)/dT (MIN)



PARAMOUNT ET AL CAMERON
88 60 07 06 80
DST: 3 REC: 1750 SHUTIN: 1
EXTRAPOLATED PRESSURE: 9836.48 kPa
SLOPE: 11.77 (kPa**2/10**6)/CYCLE

PLOT 2

SLOPE: 3.46 (kPa/mm²/10mm⁶)/CYCLE



PLOT 3

FEB 10 '89 08:10 PARAMOUNT RES
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