

NORTHLAND
WIRELINE SERVICES LTD.

Subsurface Pressure Report

PARAMOUNT RESOURCES LTD.

B-08 60 10 117 30
91/03/18

Starburst
Electronic Pressure Recorder

(403) 255-9700

NORTHLAND WIRELINE SERVICES LTD.
611 - 71 AVE. S.E.
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY:
ADDRESS:
WELL NAME:
LOCATION:
FIELD / POOL:

PARAMOUNT RESOURCES LTD.
4100, 350 - 7 AVE. S.W. CAL.
PARAMOUNT ET AL CAMERON
B-08 60 10 117 30
CAMERON HILLS/SULPHUR POINT

TYPE OF TEST:
WELL STATUS:
PRODUCING INTERVAL (M CF):
MID POINT PERFS (M CF):
ELEVATIONS CF:
PRODUCING THROUGH TUBING (MM):

STATIC GRADIENT
GAS
1399.1-1417.1
1408.1
786.0 KB: 789.9
73MM CASING: 139.7MM

PROBE SERIAL #:
PROBE RANGE:
LAST CALIBRATION DATE:
TIME INTERVAL - NORMAL/FAST:

20021 [TOP]
0 - 24109 KPAG
91/01/10
15S /

TUBING PRESSURE INITIAL 8390
CASING PRESSURE INITIAL 0
RUN DEPTH (M CF):
TIME ON BOTTOM:
TIME OFF BOTTOM:

FINAL 8390 (KPAG)
FINAL 0 (KPAG)
1407.1
91/03/18 10:28
91/03/18 10:38

TEMPERATURE @ RUN DEPTH:
GRADIENT @ RUN DEPTH:
PRESSURE @ RUN DEPTH:
PRESSURE @ MPP:
SHUT IN DATE:
DATE OF TEST:

54.4 C
0.86 KPA/M
9549.8 KPAG
9550.7 KPAG
91/03/18 09:15

COMMENTS:

NORTHLAND
Subsurface Pressure Measurements

Company: PARAMOUNT RESOURCES LTD.
Well Name: PARAMOUNT ET AL CAMERON
Unique Well ID: B-08 60 10 117 30
Date of test: 91/03/18 09:15:00

Readings and Calculations For Static Gradient

Depth Stops	Time Stop	Pressure (kPaG)	Gradient (kPa/m)
Surface	9:21 - 9:26	8393.2	0.00
499.0	9:32 - 9:37	8835.5	0.89
999.0	9:42 - 9:47	9233.9	0.80
1099.0	9:48 - 9:53	9313.2	0.79
1199.0	9:55 - 10:00	9391.6	0.78
1299.0	10:03 - 10:08	9468.8	0.77
1349.0	10:09 - 10:14	9506.8	0.76
1374.0	10:15 - 10:20	9525.3	0.74
1399.0	10:22 - 10:27	9542.8	0.70
1407.1	10:28 - 10:38	9549.8	0.86

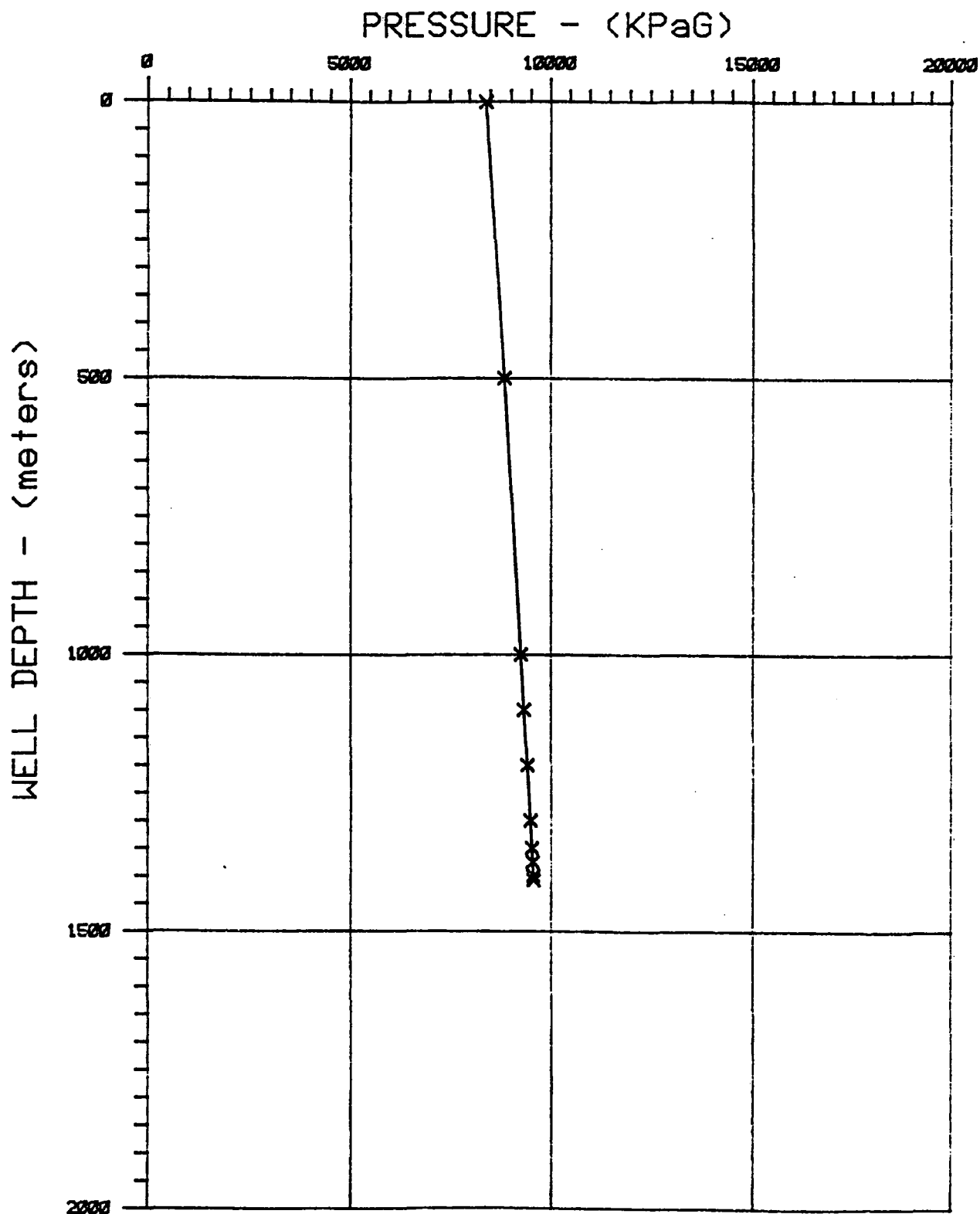
Temperature On Bottom: 54.4

Recorder # 20021 [top]

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON (B-08 60 10 117 30)

STATIC GRADIENT Plot (91/03/18 09:15:00)



**NORTHLAND
WIRELINE SERVICES LTD.**

Subsurface Pressure Report

PARAMOUNT RESOURCES LTD.

B-08 60 10 117 30

91/03/18

Starburst

Electronic Pressure Recorder

(403) 255-9700

NORTHLAND WIRELINE SERVICES LTD.
611 - 71 AVE. S.E.
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY:	PARAMOUNT RESOURCES LTD.
ADDRESS:	4100, 350 - 7 AVE. S.W. CAL.
WELL NAME:	PARAMOUNT ET AL CAMERON
LOCATION:	B-08 60 10 117 30
FIELD / POOL:	CAMERON HILLS/SULPHUR POINT

TYPE OF TEST:	STATIC GRADIENT
WELL STATUS:	GAS
PRODUCING INTERVAL (M CF):	1399.1-1417.1
MID POINT PERFS (M CF):	1408.1
ELEVATIONS CF:	786.0
PRODUCING THROUGH TUBING (MM):	73MM
	KB: 789.9
	CASING: 139.7MM

PROBE SERIAL #:	20046 [BOTTOM]
PROBE RANGE:	0 - 20722 KPAG
LAST CALIBRATION DATE:	91/01/10
TIME INTERVAL - NORMAL/FAST:	15S /

TUBING PRESSURE	INITIAL	8390	FINAL	8390 (KPAG)
CASING PRESSURE	INITIAL	0	FINAL	0 (KPAG)
RUN DEPTH (M CF):				1408.1
TIME ON BOTTOM:				91/03/18 10:28
TIME OFF BOTTOM:				91/03/18 10:38

TEMPERATURE @ RUN DEPTH:	54.6	C
GRADIENT @ RUN DEPTH:	0.73	KPA/M
PRESSURE @ RUN DEPTH:	9553.8	KPAG
PRESSURE @ MPP:	9553.8	KPAG
SHUT IN DATE:		
DATE OF TEST:	91/03/18	09:15

COMMENTS:

NORTHLAND
Subsurface Pressure Measurements

Company: PARAMOUNT RESOURCES LTD.
Well Name: PARAMOUNT ET AL CAMERON
Unique Well ID: B-08 60 10 117 30
Date of test: 91/03/18 09:15:00

Readings and Calculations For Static Gradient

Depth Stops	Time Stop	Pressure (kPaG)	Gradient (kPa/m)
Surface	9:21 - 9:26	8407.3	0.00
500.0	9:32 - 9:37	8845.2	0.88
1000.0	9:42 - 9:47	9241.1	0.79
1100.0	9:48 - 9:53	9317.6	0.77
1200.0	9:55 - 10:00	9394.5	0.77
1300.0	10:03 - 10:08	9472.1	0.78
1350.0	10:09 - 10:14	9509.7	0.75
1375.0	10:15 - 10:20	9529.4	0.79
1400.0	10:22 - 10:27	9547.9	0.74
1408.1	10:28 - 10:38	9553.8	0.73

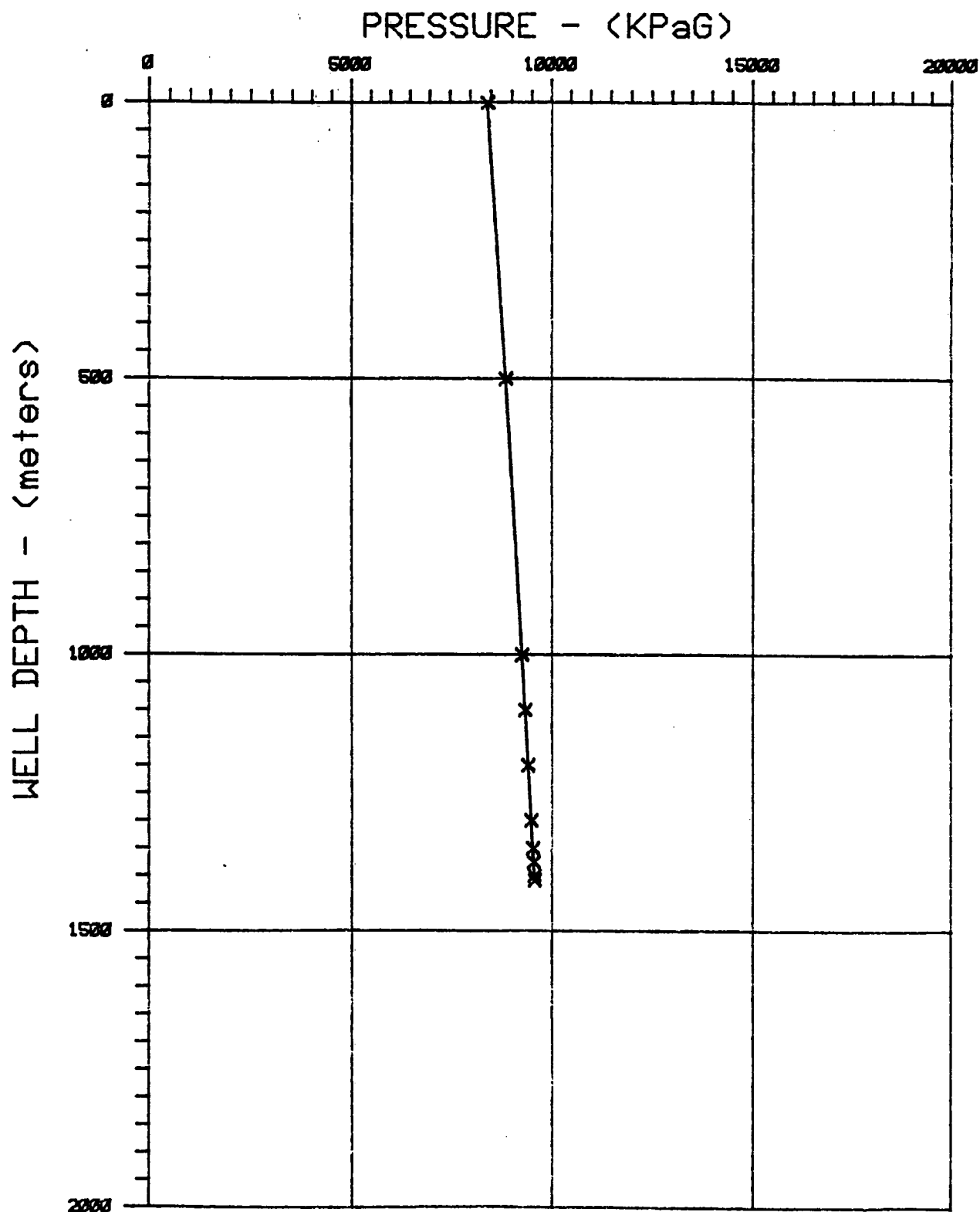
Temperature On Bottom: 54.6

Recorder # 20046 [bottom]

PARAMOUNT RESOURCES LTD.

PARAMOUNT ET AL CAMERON (B-08 60 10 117 30)

STATIC GRADIENT Plot (91/03/18 09:15:00)



RECORDER # 20046

NORTHLAND

CANADA OIL AND GAS LANDS
ADMINISTRATION
ADMINISTRATION DU PÉTROLE ET DU
GAZ DES TERRES DU CANADA
APR 4 1991
ENGINEERING AND CONTROL
TECHNIQUE ET DU CONTRÔLE