



1991-01-17

Manitoba Energy and Mines
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

ATTENTION: Mr. J.N. Fox
Chief Petroleum Engineer

Dear Sir:

**RE: 1990 SUBSURFACE PRESSURE SURVEY
LODGEPOLE WL E POOL**

Attached for your records please find results of the static gradient conducted at Cdn Roxy Andex Whitewater 15-17-2-21 W1M. The mid point perforation pressure was 6933.8 kPa.

If you have any questions please call D.M. Brost, 403-260-9529.

Yours truly,

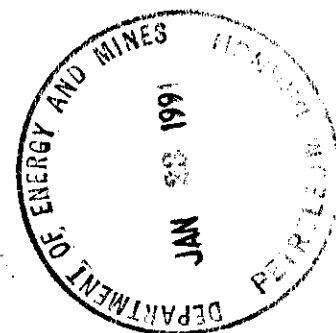
CANADIAN ROXY PETROLEUM LTD.

A handwritten signature in black ink, appearing to read "W.L. Williamson". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

W.L. Williamson
Manager Engineering

DMB:gw
Attachment

cc: Well File
D.R. Bell



R.K. WIRELINE INC.

Subsurface Pressure Measurements

Company: CANADIAN ROXY PETROLEUM LTD.
Address: CALGARY, ALBERTA
Field & Pool: MOUNTAINSIDE, WHITEWATER
Prod. Int. CF: 894.9 to 897.4
Elev. (CF) 593.0 (KB) 597.1
Pool datum:

Well name: CAN ROXY ANDEX WHITEWATER
Location: 15-17-2-21-W1M
Status: SUSPENDED
Prod. through: 60.33mm TUBING
Mid-point prod. int. CF: 896.15
Datum depth of well CF:

Type of test: STATIC GRADIENT
Tubing pres: 0 KPAG
Casing pres: 0 KPAG
Temperature at run depth: 31.0 C

Date of test: JAN. 10, 1991
Shut in time: SUSPENDED
On bottom/off bottom: 12:34 - 12:44
Surface temperature:

Note: All units in metric, depth in metres cf; pressure in KPAG

TOP RECORDER

Element serial#: 13259N
Pressure Range: 0 to 9653
Cal. equation: $196.36 * \text{defl} - 8.22$
Latest calibration: 27/09/90
Clock range: 3 HOUR

Run depth (CF): 894.4
Grad. at run depth: 10.85
Pres. at mid point perf.: 6938.1
Pres. at run depth: 6919.1
Datum depth pressure:

BOTTOM RECORDER

Element serial#: 21007N
Pressure Range: 0 to 12410
Cal. equation: $251.24 * \text{defl} - 18.57$
Latest calibration: 27/09/90
Clock range: 3 HOUR

Run depth (CF) 896.2
Grad. at run depth: 10.86
Pres. at mid point perf.: 6929.4
Pres. at run depth: 6929.9
Datum depth pressure:

Depth m	Defl mm	Pressure KPAG	Gradient KPAG/m
-1.8	0.000	0.0	0.000
198.2	0.000	0.0	0.000
398.2	7.705	1524.4	7.622
598.2	18.750	3696.5	10.860
698.2	24.335	4791.1	10.946
798.2	29.890	5876.9	10.859
848.2	32.670	6417.9	10.819
894.4	35.245	6919.1	10.850

Depth m	Defl mm	Pressure KPAG	Gradient KPAG/m
0.0	0.000	0.0	0.000
200.0	0.000	0.0	0.000
400.0	6.165	1542.3	7.711
600.0	14.890	3699.3	10.785
700.0	19.240	4790.0	10.907
800.0	23.570	5889.0	10.991
850.0	25.700	6428.2	10.783
896.2	27.690	6929.9	10.860

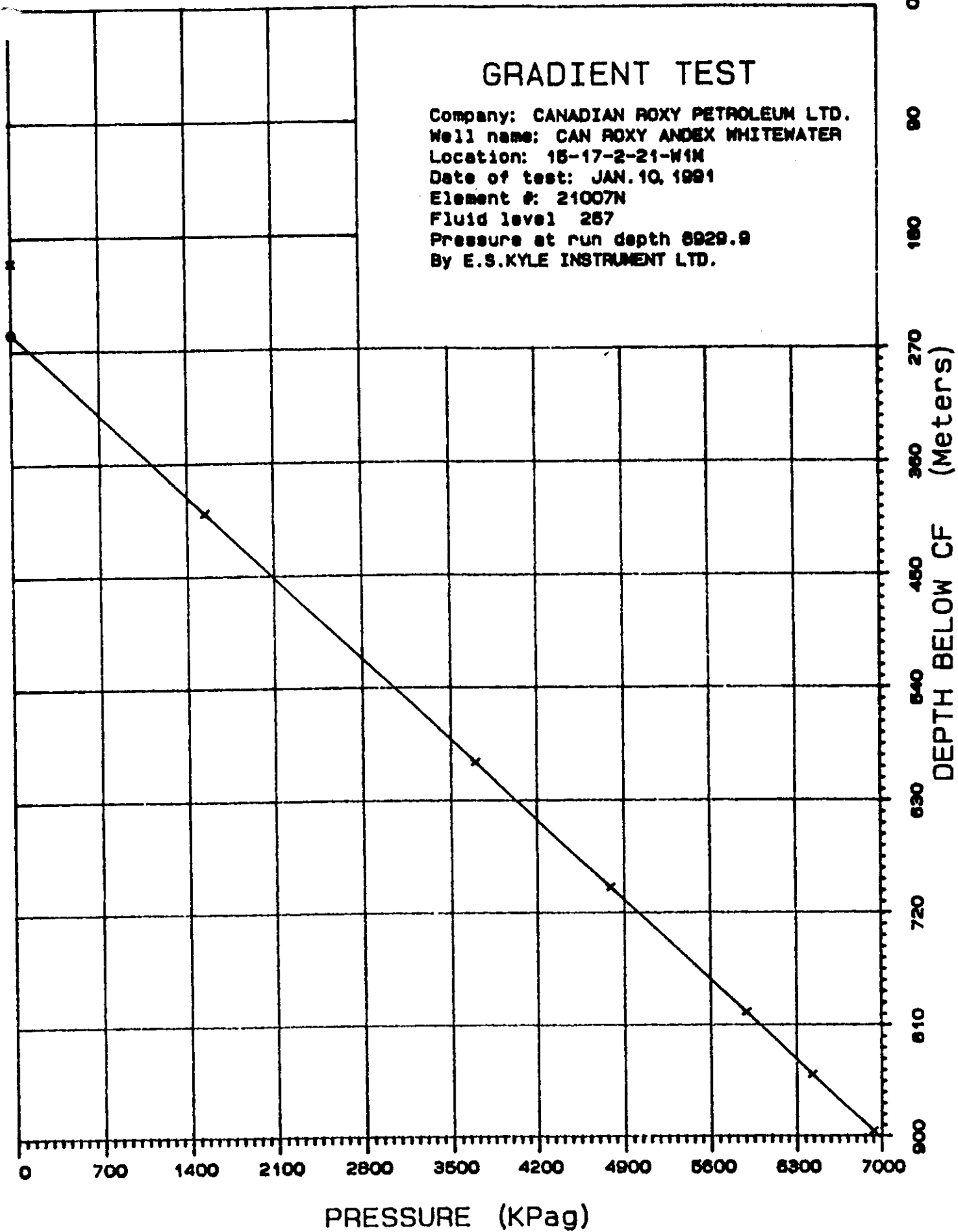
Remarks: FLUID LEVEL CHART SHOT JAN. 10/91 AT 12:34 SHOWED 27 JOINTS TO FLUID.

Test by: R.P.

Interpretation by E. S. Kyle Instrument Limited

GRADIENT TEST

Company: CANADIAN ROXY PETROLEUM LTD.
Well name: CAN ROXY ANDEX WHITENATER
Location: 15-17-2-21-W1M
Date of test: JAN. 10, 1991
Element #: 21007N
Fluid level 257
Pressure at run depth 6929.9
By E.S.KYLE INSTRUMENT LTD.





Energy and Mines

Petroleum

555 — 330 Graham Avenue
Winnipeg, Manitoba, CANADA
R3C 4E3

(204) 945-6577

October 30, 1990

Mr. W.L. Williamson
Manager Engineering
Canadian Roxy Petroleum Ltd.
2200, 700 - 6th Avenue S.W.
Calgary, Alberta
T2P 0T8

Dear Sir:

Re: 1990 Subsurface Pressure Survey
Lodgepole WL E Pool

Your letter outlining plans to run a static gradient on the well Cdn. Roxy - Andex Mountainside 15-17-2-21 WPM is hereby acknowledged and approved.

Yours truly,

A handwritten signature in black ink, appearing to be 'J.N. Fox', with a long horizontal line extending to the right.

John N. Fox
Chief Petroleum Engineer

JNF:cvs

1990-10-15



The Oil and Natural Gas Conservation Board
Room 309
Legislative Building
Winnipeg, Manitoba

Attention: Director of Petroleum

Dear Sir:

RE: 1990 SUBSURFACE PRESSURE SURVEY LODGEPOLE WL E POOL

As requested in your letter of August 8, 1990 Canadian Roxy Petroleum Ltd. wishes to conduct a pressure survey in the Lodgepole WL E Pool. The proposed survey consists of a static gradient at 15-17-2-21 W1M. The well is currently suspended.

Canadian Roxy will conduct the survey when Director of Petroleum approval is obtained.

If you have any questions please call D.M. Brost (403)260-9529.

Yours truly,

CANADIAN ROXY PETROLEUM LTD.

A handwritten signature in black ink, appearing to read "W.L. Williamson", with a long, sweeping horizontal line extending to the right.

W.L. Williamson
Manager Engineering

DMB:gw

cc: R.J. Giroux
Well File

