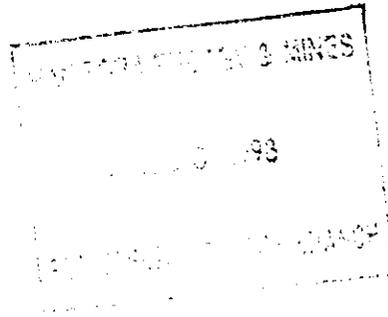




Chevron

03/13/98



Chevron Canada Resources

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Phone (403) 234-5464
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P.B. (Paul) MacMillan
Drilling Team Leader

Manitoba Department of Energy and Mines
Petroleum Branch
360 - 1395 Ellice Avenue
Winnipeg, Manitoba
R3G 3P2

- 1997 Virden Rosela Unit # 1 and # 2 Pressure Surveys by
Mike Davies Well test analyst at 234 - 5103

A copy of this transmittal will be kept in our files.

If you have any questions regarding the above, please contact **Melody Chardon** at
234-5509.

Thank You.

March 5, 1998

1997 Virden Rosela Unit #1 and #2 Pressure Surveys

Unit #1

15-24-10-26
15-25-10-26
07-25-10-26
05-30-10-25
11-25-10-26

Unit #2

12-05-11-25
10-06-11-25
16-06-11-25

Joe Taylor
Kevin Anderson

Summary

The subject wells were shut in during the months of September and October, 1997 to determine average reservoir pressure. Each well was shut in and the surface pressure was measured using a pressure gauge from the wellhead. The results of the test are summarized in the tables below:

Unit #1 Tests

Well Location	Well Type	Final Recorded Pressure (kPa)
15-24-10-26	Injector	8,599
15-25-10-26	Injector	7,013
07-25-10-26	Injector	7,649
05-30-10-25	Injector	9,653
11-25-10-26	Injector	7,936

Unit #2 Tests

Well Location	Well Type	Final Recorded Pressure (kPa)
12-05-11-25	Injector	8,712
10-06-11-25	Injector	6,713
16-06-11-25	Injector	9,117

All pressures are determined by adding the hydrostatic head of the water column to the measured well head pressure. All pressures are final pressures which were deemed to have built up to within +/- 200 KPa of the actual bottom hole pressure. Both build up summaries are included as attachments.

If you have any questions about this analysis, please contact Mike Davies at 234-5103.



Mike Davies
Well Test Analyst

pc. P.W. Bateman
Producing Records

Attachment

Tabulated Pressure Readings

Virden Rosela Unit #1

Pressure Buildup Survey

Well (Injector)	Date / Time	Tbg. Press (kPa)	Mid Point Perfs (m)	Cumulative Tim	Est. BHP (kPa)
15-24-10-26 Injector	9/13/97 0:00	4500	615.4	0:00:00	10899
	9/14/97 0:00	4800	615.4	24:00:00	11199
Avg. Inj. Rate = xxx	9/15/97 0:00	3500	615.4	48:00:00	9899
m3 WPD @ xxx kPa	9/16/97 0:00	3300	615.4	72:00:00	9699
	9/17/97 0:00	3100	615.4	96:00:00	9499
	9/18/97 0:00	3000	615.4	120:00:00	9399
	9/19/97 0:00	2900	615.4	144:00:00	9299
	9/20/97 0:00	2800	615.4	168:00:00	9199
	9/21/97 0:00	2800	615.4	192:00:00	9199
	9/22/97 0:00	2700	615.4	216:00:00	9099
	9/23/97 0:00	2700	615.4	240:00:00	9099
	9/24/97 0:00	2700	615.4	264:00:00	9099
	9/25/97 0:00	2600	615.4	288:00:00	8999
	9/26/97 0:00	2600	615.4	312:00:00	8999
	9/27/97 0:00	2500	615.4	336:00:00	8899
	9/29/97 0:00	2500	615.4	364:00:00	8899
	10/1/97 0:00	2500	615.4	432:00:00	8699
	10/3/97 0:00	2500	615.4	480:00:00	8699
	10/5/97 0:00	2400	615.4	528:00:00	8799
	10/7/97 0:00	2200	615.4	576:00:00	8599
	10/9/97 0:00	2100	615.4	624:00:00	8499
	10/11/97 0:00	2100	615.4	672:00:00	8499
	10/13/97 0:00	2300	615.4	720:00:00	8699
	10/15/97 0:00	2200	615.4	768:00:00	8599
	10/17/97 0:00	2400	615.4	816:00:00	8799
	10/19/97 0:00	2400	615.4	864:00:00	8799
	10/22/97 0:00	2200	615.4	936:00:00	8599

Well (Injector)	Date / Time	Tbg. Press (kPa)	Mid Point Perfs (m)	Cumulative Tim	Est. BHP (kPa)
15-25-10-26 Injector	9/16/97 0:00	3000	597.5	0:00:00	9213
	10/1/97 0:00	1100	597.5	360:00:00	7313
Avg. Inj. Rate = xxx	10/16/97 0:00	800	597.5	720:00:00	7013
m3 WPD @ xxx kPa					

Well (Injector)	Date / Time	Tbg. Press (kPa)	Mid Point Perfs (m)	Cumulative Tim	Est. BHP (kPa)
07-25-10-26 Injector	9/13/97 0:00	4800	581.72	0:00:00	10649
	9/14/97 0:00	3200	581.72	24:00:00	9249
Avg. Inj. Rate = xx	9/15/97 0:00	3000	581.72	48:00:00	9049
m3 WPD @ xxx kPa	9/16/97 0:00	2800	581.72	72:00:00	8849
	9/17/97 0:00	2700	581.72	96:00:00	8749
	9/18/97 0:00	2600	581.72	120:00:00	8649
	9/19/97 0:00	2500	581.72	144:00:00	8549
	9/20/97 0:00	2400	581.72	168:00:00	8449
	9/21/97 0:00	2400	581.72	192:00:00	8449
	9/22/97 0:00	2300	581.72	216:00:00	8349
	9/23/97 0:00	2300	581.72	240:00:00	8349
	9/24/97 0:00	2200	581.72	264:00:00	8249
	9/25/97 0:00	2200	581.72	288:00:00	8249
	9/26/97 0:00	2200	581.72	312:00:00	8249
	9/27/97 0:00	2200	581.72	336:00:00	8249
	9/29/97 0:00	2000	581.72	384:00:00	8049
	10/1/97 0:00	2000	581.72	432:00:00	8049
	10/3/97 0:00	1800	581.72	480:00:00	7849
	10/5/97 0:00	2000	581.72	528:00:00	8049
	10/7/97 0:00	1800	581.72	576:00:00	7849
	10/9/97 0:00	1800	581.72	624:00:00	7849
	10/11/97 0:00	1800	581.72	672:00:00	7849
	10/13/97 0:00	1800	581.72	720:00:00	7849
	10/15/97 0:00	1800	581.72	768:00:00	7849
	10/17/97 0:00	1800	581.72	816:00:00	7849
	10/19/97 0:00	1800	581.72	864:00:00	7849
	10/22/97 0:00	1600	581.72	936:00:00	7649

Well (Injector)	Date / Time	Tbg. Press (kPa)	Mid Point Perfs (m)	Cumulative Tim	Est. BHP (kPa)
05-30-10-25 Injector	9/16/97 0:00	4200	610.9	0:00:00	10553
	10/1/97 0:00	3500	610.9	360:00:00	9853
Avg. Inj. Rate = xxx	10/16/97 0:00	3300	610.9	720:00:00	9653
m3 WPD @ xxx kPa					

Well (Injector)	Date / Time	Tbg. Press (kPa)	Mid Point Perfs (m)	Cumulative Tim	Est. BHP (kPa)
11-25-10-26 Injector	9/13/97 0:00	2600	590.1	0:00:00	8736
	9/14/97 0:00	2000	590.1	24:00:00	8136
Avg. Inj. Rate = xx	9/15/97 0:00	1900	590.1	48:00:00	8036
m3 WPD @ xxx kPa	9/16/97 0:00	2000	590.1	72:00:00	8136
	9/17/97 0:00	1900	590.1	96:00:00	8036
	9/18/97 0:00	1900	590.1	120:00:00	8036
	9/19/97 0:00	1900	590.1	144:00:00	8036
	9/20/97 0:00	1900	590.1	168:00:00	8036
	9/21/97 0:00	1900	590.1	192:00:00	8036
	9/22/97 0:00	1800	590.1	216:00:00	7936
	9/23/97 0:00	1800	590.1	240:00:00	7936
	9/24/97 0:00	1800	590.1	264:00:00	7936
	9/25/97 0:00	1800	590.1	288:00:00	7936
	9/26/97 0:00	1800	590.1	312:00:00	7936
	9/27/97 0:00	1800	590.1	336:00:00	7936
	9/29/97 0:00	1800	590.1	384:00:00	7936
	10/1/97 0:00	1800	590.1	432:00:00	7936
	10/3/97 0:00	1800	590.1	480:00:00	7936
	10/5/97 0:00	1800	590.1	528:00:00	7936
	10/7/97 0:00	1800	590.1	576:00:00	7936
	10/9/97 0:00	1800	590.1	624:00:00	7936
	10/11/97 0:00	1800	590.1	672:00:00	7936
	10/13/97 0:00	1800	590.1	720:00:00	7936
	10/15/97 0:00	1800	590.1	768:00:00	7936
	10/17/97 0:00	1800	590.1	816:00:00	7936
	10/19/97 0:00	1600	590.1	864:00:00	7936
	10/22/97 0:00	1600	590.1	936:00:00	7936

Virден Rosela Unit #2

Pressure Buildup Survey

<u>Well (Injector)</u>	<u>Date / Time</u>	<u>Tbg. Press (kPa)</u>	<u>Mid Point Perfs (m)</u>	<u>Cumulative Time</u>	<u>Est. BHP (kPa)</u>
12-05-11-25 Injector	9/13/97 0:00	?	587.8	0:00:00	#VALUE!
	9/15/97 0:00	2800	587.8	48:00:00	8912
Avg. Inj. Rate = xxx m3 WPD @ xxxx kPA	9/30/97 0:00	2600	587.8	408:00:00	8712

<u>Well (Injector)</u>	<u>Date / Time</u>	<u>Tbg. Press (kPa)</u>	<u>Mid Point Perfs (m)</u>	<u>Cumulative Time</u>	<u>Est. BHP (kPa)</u>
10-06-11-25 Injector	9/13/97 0:00	?	587.9	0:00:00	#VALUE!
	9/15/97 0:00	1200	587.9	48:00:00	7313
Avg. Inj. Rate = m3 WPD @ xxx kPA	9/30/97 0:00	600	587.9	408:00:00	6713

<u>Well (Injector)</u>	<u>Date / Time</u>	<u>Tbg. Press (kPa)</u>	<u>Mid Point Perfs (m)</u>	<u>Cumulative Time</u>	<u>Est. BHP (kPa)</u>
16-06-11-25 Injector	9/13/97 0:00	?	588.25	0:00:00	#VALUE!
	9/15/97 0:00	3300	588.25	48:00:00	9417
Avg. Inj. Rate = xx m3 WPD @ xxxx kPA	9/30/97 0:00	3000	588.25	408:00:00	9117



Inter-Departmental Memo

Date 92-06-16

To JOHN

From BRUCE

Subject HIGH PRESSURE BREAKTHROUGH ^{Telephone} VRU#1

First Fold

4-29-10-25 - BREAKTHROUGH EARLY 1991
ABANDONED OCT 1991

8-20-10-25 - BREAKTHROUGH JULY 1985
ABANDONED MAY 1986

14-20-10-25 - BREAKTHROUGH EARLY 1980
ABANDONED DEC 1981

4-30-10-25 - BREAKTHROUGH MID 1991
WAITING ABANDONMENT

* CHEVRON FEELS THERE WAS AT LEAST ONE OTHER WELL ABD. DUE TO BREAKTHROUGH BUT WASN'T IDENTIFIED AS SUCH AT THE TIME.

ROLAND - BRUCE HAS LISTED 4 WELLS THAT SUDDENLY WENT TO 100% WATER IN VRU No.1. PLEASE REVIEW WELL PERFORMANCE; DISCUSS MATTER WITH CHEVRON AND REPORT



Chevron Canada Resources

P.O. Box 100, Virden, Manitoba R0M 2C0

Phone (204) 748-1334 Fax (204) 748-6762

1990-10-22

Department of Energy & Mines
Petroleum Branch
555-330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

Attention: Mr. John Fox

Dear Sir:

Re: Virden Roselea Unit #1, 2 and 3 - 1990 Triannual
Subsurface Pressure Survey Results

Chevron Canada Resources, as operator of Virden Roselea #1, 2 and 3, submit the following information for the 1990 Tri-annual Subsurface Pressure Survey:

- 1) List of wells and the method of survey used (Pages 2-4).
- 2) Calculated reservoir pressures for 1990 as well as results from the previous survey conducted in 1987 (Pages 2-4).
- 3) Maps of the above units displaying the 1990 and 1987 pressures (Pages 5-7).

Should you have any questions please contact Jerry Kohut or Kevin Anderson at 748-1334 or at the letterhead address.

Yours truly,

for L. A. Martinson
Area Superintendent
Virden



VIRDEN ROSELEA UNIT #2

Results of the 1990 Triannual Pressure Survey:

<u>WELL LOCATION</u>	<u>TYPE OF SURVEY</u>	<u>DATUM DEPTH PRESSURES</u> (kPa)		<u>DATE COMPLETED</u>
		1987	1990	
11-36-10-26	Sonolog	6945	7280	90-05-07
15-36-10-26	Sonolog	----	11570	90-04-23
12-05-11-25WIW	Fall Off Test	11100	11610	90-06-18
10-05-11-25WIW	Fall Off Test	11400	10770	90-06-02
03-06-11-25	Sonolog	8930	9625	90-05-07
04-08-11-25WIW	Fall Off Test	10100	10530	90-07-02
10-01-11-26	Sonolog	----	9330	90-04-23
12-06-11-25	Sonolog	----	9570	90-07-16
04-07-11-25WIW	Fall Off Test	8200	8900	90-07-30

