

October 30, 1984

Tundra Oil and Gas  
Box 1960  
Virdeu, Man.  
ROM 2CD

Attention: Mr. B. K. Kinnaid  
Operations Manager

Dear Barry:

Re: Commingling Production - Tilston Field

Your letter of October 15, 1984 and attached royalty owner consents to your proposal to commingle production from wells in the Tilston Field, is acknowledged.

In that all the royalty owners in Section 31-5-29 (WPM) and the N $\frac{1}{2}$  of Section 30-5-29 (WPM) have indicated their consent, the Department has no objection to your proposal.

The production testing requirements of The Petroleum Drilling and Production Regulations, 1984 shall apply to these wells.

Yours sincerely,

*L. R. Dubreuil*  
L. R. DUBREUIL

L. R. Dubreuil  
Chief Petroleum Engineer  
Petroleum Branch

LRD/sb

cc: Virdeu Office

Tundra Oil and Gas  
P.O. Box 1960  
Viriden, Manitoba  
ROM 2C0  
1984 10 15



Mr. H. Clare Moster  
Director  
Petroleum Branch  
Manitoba Energy and Mines  
Mineral Resources  
555 - 330 Graham Avenue  
Winnipeg, Manitoba  
R3C 4E3

Dear Clare:

Re: Commingling Production - Tilston Area

Further to our letter of 1983 09 14 requesting approval to commingle production from the N $\frac{1}{2}$  Section 30-5-29 with Section 31-5-29 W1M we have attached the outstanding ratifications from the NE $\frac{1}{2}$  Section 30-5-29 W1M. Attached are royalty consents from J.P. Curran, M. Pickett, and H.F. and G.A. Pickett.

Yours truly,

A handwritten signature in cursive script, appearing to read "B.K. Kinnaird".

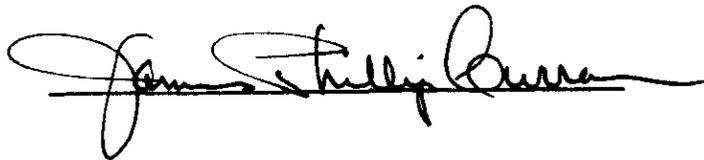
Barry K. Kinnaird  
Operations Manager

attach.  
BKK/dk

James Philip Curran  
102 Sky Ranch Drive  
Billings, Montana 59106  
U.S.A.

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0  
Canada

The undersigned hereby grants permission to Tundra Oil and Gas to commingle production from NE  $\frac{1}{4}$  Section 30-5-29 W1M with production from NW  $\frac{1}{4}$  Section 30-5-29 W1M, S  $\frac{1}{2}$  Section 30-5-29 W1M, Section 31-5-29 W1M, Section 25-5-30 W1M, and Section 36-5-30 W1M currently producing into, or to be produced in the future into Tundra Tilston 9-31-5-29 Battery. The commingling will allow the efficient production of wells on NE  $\frac{1}{4}$  Section 30-5-29 W1M, and will take advantage of the proximity and capacity of the Tundra Tilston 9-31-5-29 Battery. Production from the wells to be commingled will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.



Dated October 10, 1983



Ernest Richard Pickett Estate  
34948 Clayburn Road  
Clayburn, B.C.  
VOX 1EO

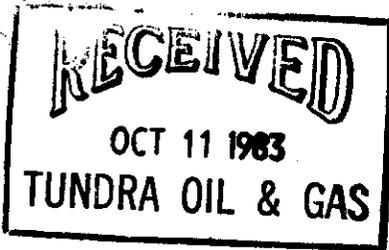
Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0

The undersigned hereby grants permission to Tundra Oil and Gas to commingle production from NE  $\frac{1}{4}$  Section 30-5-29 W1M with production from NW  $\frac{1}{4}$  Section 30-5-29 W1M, S  $\frac{1}{2}$  Section 30-5-29 W1M, Section 31-5-29 W1M, Section 25-5-30 W1M, and Section 36-5-30 W1M currently producing into, or to be produced in the future into Tundra Tilston 9-31-5-29 Battery. The commingling will allow the efficient production of wells on NE  $\frac{1}{4}$  Section 30-5-29 W1M, and will take advantage of the proximity and capacity of the Tundra Tilston 9-31-5-29 Battery. Production from the wells to be commingled will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.

Dated

Oct 4, 1983

Mrs M R Pickett  
executrix for  
E R Pickett



Robert Alexander Pickett Estate  
P.O. Box 702  
Melita, Manitoba  
ROM 1L0

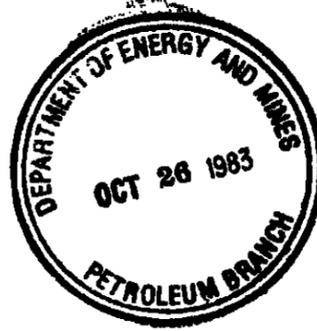
Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0

The undersigned hereby grants permission to Tundra Oil and Gas to commingle production from NE  $\frac{1}{4}$  Section 30-5-29 W1M with production from NW  $\frac{1}{4}$  Section 30-5-29 W1M, S  $\frac{1}{2}$  Section 30-5-29 W1M, Section 31-5-29 W1M, Section 25-5-30 W1M, and Section 36-5-30 W1M currently producing into, or to be produced in the future into Tundra Tilston 9-31-5-29 Battery. The commingling will allow the efficient production of wells on NE  $\frac{1}{4}$  Section 30-5-29 W1M, and will take advantage of the proximity and capacity of the Tundra Tilston 9-31-5-29 Battery. Production from the wells to be commingled will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.

Dated Oct 7, 1983

Robert Pickett  
Robert A Pickett

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2CO  
1983 10 21



Mr. H. Clare Moster, P. Eng.  
Director  
Manitoba Department of Energy and Mines  
Mineral Resources Division  
Petroleum Branch  
975 Century Street  
Winnipeg, Manitoba  
R3H 0W4

Dear Sir:

Re: Commingling Production - Tilston Area

Please find attached a consent from The First National Bank of Minneapolis as executor for Kenneth Peter Malvey, royalty holder for N $\frac{1}{2}$  Section 30-5-29 W1M. This consent is in support of our application to commingle production from N $\frac{1}{2}$  Section 30-5-29 W1M and Section 31-5-29 W1M.

Yours truly,

A handwritten signature in cursive script that reads "Barry K. Kinnaid".

Barry K. Kinnaid  
Field Operations Manager

attach.

cc: R. G. Puchniak  
M. Skjonsby, New Scope Resources Limited

BKK/dk



→ Bob

October 3, 1963

Tubara Oil and Gas  
Box 1960  
Virden, Manitoba  
R2M 2K3

Attention: Mr. B. K. Kinnaird

Dear Barry:

Re: Commencing Production - Tilston Field

Your letter of September 26, 1963 relating to your application for approval to commencing production is hereby acknowledged.

Our records indicate the following royalty consents remain to be submitted to allow processing of your application.

<u>Lease</u>	<u>Royalty Owner</u>	<u>Interest</u>
100-30-5-29	First National Bank of Minneapolis	1/4 ✓
100-30-5-29	J. P. Curran	1/2
	M. Pickett	1/4
	H. F. & G. A. Pickett	1/4

Yours sincerely,

Original Signed by H. C. Mester

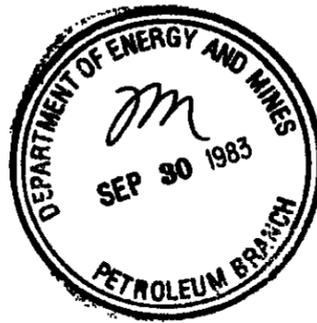
H. Clarence Mester, P. Eng.  
Director, Petroleum Branch

LRD/1R

→ B013

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0  
1983 09 28

Mr. H. Clare Moster, P. Eng.  
Director  
Petroleum Branch  
Manitoba Department of Energy and Mines  
Mineral Resources Division  
975 Century Street  
Winnipeg, Manitoba  
R3H 0W4



Dear Sir:

Re: Commingling Production - Tilston Area

Please find attached the consent to commingle production re NW  $\frac{1}{4}$  Section 30-5-29 W1M from Mr. T. O. Thompson. This consent was mistakenly omitted from our submittal of 1983 09 14. We apologize for the inconvenience this has caused.

Yours truly,

A handwritten signature in cursive script that reads "Barry K. Kinnaid".

Barry K. Kinnaid  
Field Operations Manager, Virden

attach.  
BKK/dk

AUG 9 - 1983



July 25, 1983

Mr. Tilman O. Thompson  
Box 404  
Westhope, North Dakota  
58793

Dear Sir:

Re: Consent to Commingle Production  
NW 1/4 30-5-29 WPM

As an owner of an undivided (1/4) interest in the mineral rights for the above-captioned lands, your permission is requested by New Scope to commingle the production from wells on the subject lands with production from wells on Sec. 31-5-29 WPM currently producing into Tundra Tilston 9 of 31-5-29 WPM battery. This commingling will allow for the efficient operation of our facilities in the area.

The production and royalties presently realized from NW 1/4 30-5-29 WPM would not be changed by this action. Production from the well(s) to be added will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.

If this meets with your approval please sign the attached copy of this letter and return to this office.

Thank you for your anticipated co-operation in this matter.

Yours truly,

NEW SCOPE RESOURCES LIMITED

R. A. Youell,  
General Manager, Land

RAY/vap  
Attch.

ACCEPTED AND AGREED TO THIS 2<sup>nd</sup> DAY OF Aug, 1983.

T. O. Thompson  
T. O. THOMPSON

R. A. Youell  
NEW SCOPE RESOURCES LIMITED

September 22, 1983

Canada Oil and Gas  
Box 1960  
Virden, Manitoba  
R0E 2G0

Attention: Mr. B. K. Kinnaird

Dear Barry:

Re: Commingling Production - Tilston Area

Your letter of September 14, 1983 requesting approval to commingle production from the N $\frac{1}{4}$  of Section 30-5-29 (WPM) and Section 31-5-29 (WPM) is hereby acknowledged.

In reviewing your application, we note that consents from royalty owners in the N $\frac{1}{4}$  of Section 30-5-29 (WPM) are incomplete (only one consent representing a  $\frac{1}{2}$  royalty interest in the NW $\frac{1}{4}$ -30-5-29 WPM was submitted). Consequently, we will hold your application until the remaining consents have been obtained.

Yours sincerely,



R. Claire Mester, P. Eng.,  
Director  
Petroleum Branch

CRD/RCM/sb

Attachment No 1  
Working Interest and Royalty Owners - Tilston Area

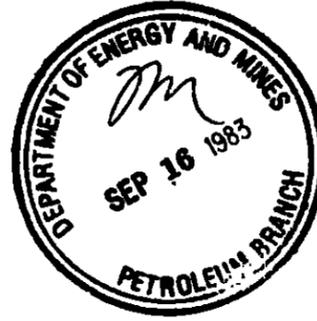
<u>Tract</u>	<u>Working Interest Owner</u>	<u>Royalty Owner</u>
Section 31	Tundra	Can. Para Trust
NW 1/4 Section 30	New Scope / Tundra	M.W. Cairns (1/2)
	↑	✓ * T.O. Thompson (1/4)
		* First National (1/4) Bank of Minneapolis
NE 1/4 Section 30	Tundra / New Scope	* J.P. Curran (1/2)
		* M. Pickett (1/4)
		* H.F. & L.A. Pickett (1/4)

\* Consent not included

*Bob*

*Review & draft  
reply:*

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2CO  
1983 09 14



Mr. H. Clare Moster, P. Eng.  
Director  
Manitoba Department of Energy and Mines  
Mineral Resources Division  
Petroleum Branch  
975 Century Street  
Winnipeg, Manitoba  
R3H 0W4

Dear Sir:

Re: Application to Commingle Production - Tilston Area

Tundra Oil and Gas, as operator of a Battery located on LSD 9, Section 31-5-29 W1M hereby make application to commingle production from N $\frac{1}{2}$  Section 30-5-29 with production from Section 31-5-29.

The proposed agreement will allow the production from N $\frac{1}{2}$  Section 30-5-29 to be efficiently and economically produced through our existing facility at 9-31-5-29. This will also allow the efficient use of an existing salt water disposal at A9-31-5-29.

Additional storage and treating facilities are presently under construction to allow testing of wells on an individual basis. Additions to the gathering system to allow such testing will begin as soon as the land occupant has completed harvesting. Sketches are attached illustrating the planned gathering system and battery installation.

The existing wells to be included in the proposed system are listed below:

New Scope Tundra et al Tilston 14-30-5-29 W1M  
Tundra Tilston 2-31-5-29 W1M  
Tundra Tilston 3-31-5-29 W1M  
Tundra Tilston 6-31-5-29 W1M  
Tundra Tilston A7-31-5-29 W1M  
Tundra Tilston A10-31-5-29 W1M  
Tundra Tilston 11-31-5-29 W1M

In addition to the existing wells we request future wells drilled on N $\frac{1}{2}$  Section 30-5-29 W1M and all of Section 31-5-29 W1M be included under this proposed agreement.

...2 /

Mr. H. Clare Moster, P. Eng.  
Application to Commingle Production - Tilston Area  
1983 09 14 - Page 2

Attached are ratifications from the concerned parties for Sections  
30-5-29 and 31-5-29.

Yours truly,

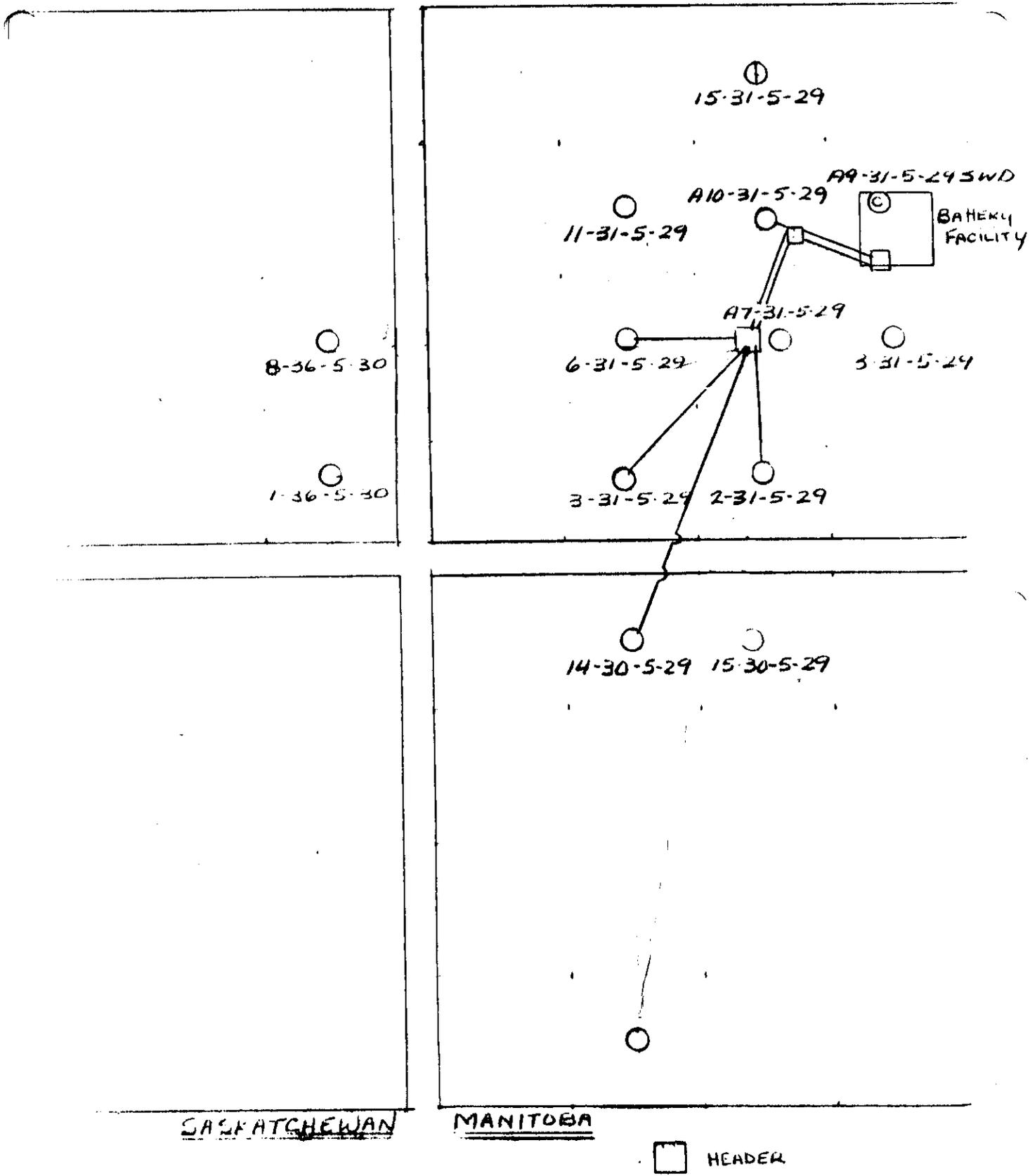


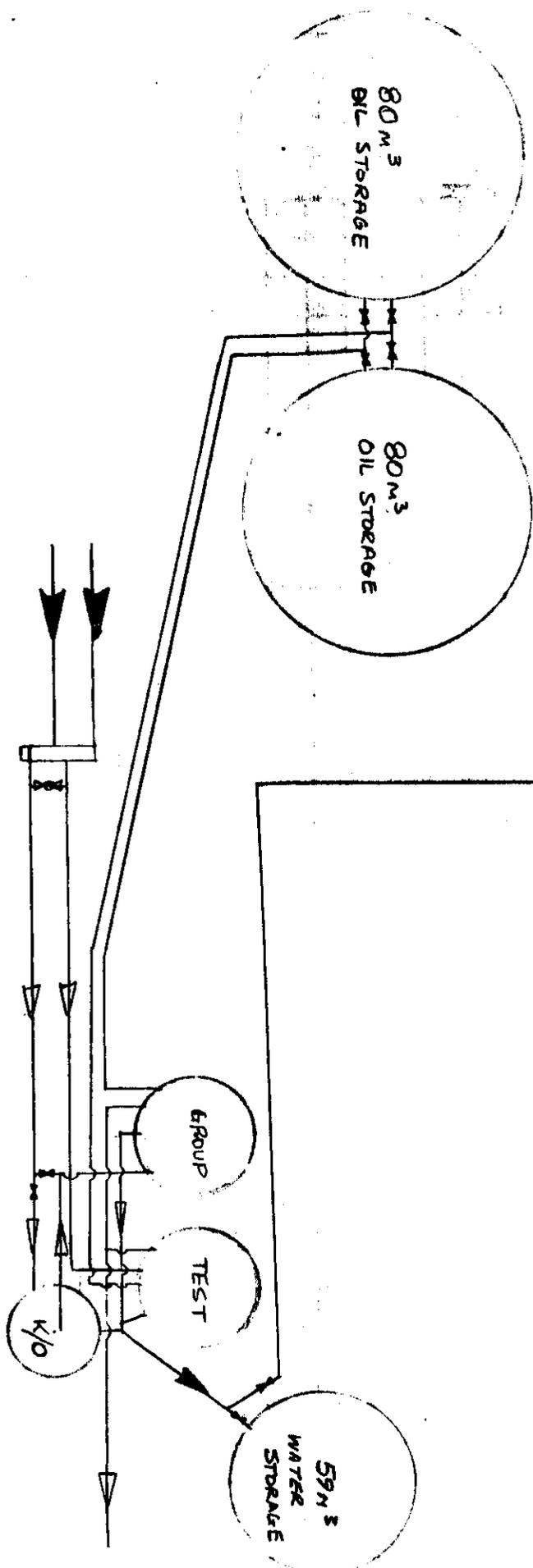
Barry K. Kinnaird  
Field Operations Manager  
Tundra Oil and Gas

attach.

cc: R.G. Puchniak, Tundra Oil and Gas  
M. Skjonsby, New Scope Resources Limited

BKK/dk





A9-31-5-29 SWD WELL



1000-111-1  
1000-111-1  
1000-111-1  
1000-111-1

July 25, 1983

Mr. Michael W. Cairns  
Tilston, Manitoba

Dear Sir:

Re: Consent to Commingle Production  
NW $\frac{1}{4}$  30-5-29 WPM

also T.O. Thompson (1/4)  
FNB of Manitoba (1/4)

As an owner of an undivided (1/4) interest in the mineral rights for the above-captioned lands, your permission is requested by New Scope to commingle the production from wells on the subject lands with production from wells on Sec. 31-5-29 WPM currently producing into Tundra Tilston 9 of 31-5-29 WPM battery. This commingling will allow for the efficient operation of our facilities in the area.

The production and royalties presently realized from NW $\frac{1}{4}$ 30-5-29 WPM would not be changed by this action. Production from the well(s) to be added will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.

If this meets with your approval please sign the attached copy of this letter and return to this office.

Thank you for your anticipated co-operation in this matter.

Yours truly,

NEW SCOPE RESOURCES LIMITED

R. A. Youell  
General Manager, Land

ACCEPTED AND AGREED TO THIS 12 DAY OF 19<sup>TH</sup>, 1983.

Michael W. Cairns (signature)  
MICHAEL CAIRNS

R. A. Youell (signature)  
NEW SCOPE RESOURCES LIMITED

Royal Bank of Canada  
P.O. Box 2514  
Calgary, Alberta

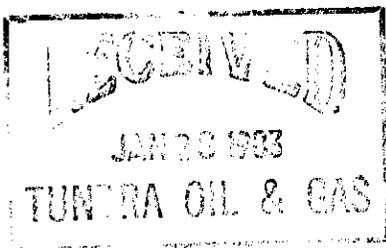
Account Number 116 3567

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2CO

The undersigned hereby grants permission to Tundra Oil and Gas to comingle production from New Scope Tundra et al Tilston 14-30-5-29 W1M, plus any future wells on N $\frac{1}{2}$  Section 30-5-29 W1M, with production from wells on Section 31-5-29 W1M currently producing into Tundra Tilston 9-31-5-29 Battery. The comingling will allow the efficient production of well(s) on Section 30-5-29, and will take advantage of the proximity and capacity of the Tundra Tilston 9-31-5-29 Battery. The production from Section 30-5-29 will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.

  
\_\_\_\_\_

Dated 2-16-83



Chevron Canada Resources Limited  
500 - 5th Avenue S.W.  
Calgary, Alberta  
T2P 0L7

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0

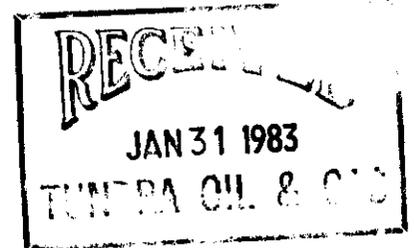
The undersigned hereby grants permission to Tundra Oil and Gas to comingle production from New Scope Tundra et al Tilston 14-30-5-29 W1M, plus any future wells on the N $\frac{1}{2}$  Section 30-5-29 W1M, with production from wells on Section 31-5-29 currently producing into Tundra Tilston 9-31-5-29 Battery. The comingling to allow the efficient production of well(s) on Section 30-5-29, and to take advantage of the proximity and capacity of the Tundra Tilston 9-31-5-29 Battery. The production from Section 30-5-29 will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.

A handwritten signature in cursive script, appearing to read "P. PISIO".

---

P. PISIO, Coordinator  
Units & Joint Ventures  
Producing Department

Dated 1983-01-26



Oil Royalty Department  
Canada Permanent Trust Company Sec 31  
311 - 6th Avenue S.W.  
Calgary, Albert  
T2R QR6

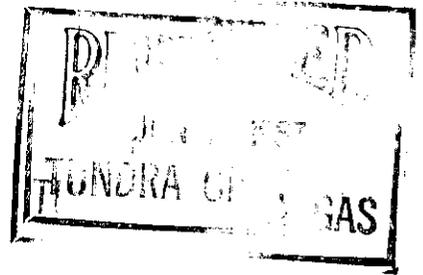
Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0

The undersigned hereby grants permission to Tundra Oil and Gas to comingle production from New Scope Tundra et al Tilston 14-30-5-29 W1M, plus any future wells on N $\frac{1}{2}$  Section 30-5-29 W1M, with production from wells on Section 31-5-29 W1M currently producing into Tundra Tilston 9-31-5-29 Battery. The comingling will allow the efficient production of well(s) on Section 30-5-29, and will take advantage of the proximity and capacity of the Tundra Tilston 9-31-5-29 Battery. The production from Section 30-5-29 will be measured by a method approved by the Director of the Petroleum Branch, Manitoba Department of Energy and Mines.

*E. Hamley*

EILEEN HAMLEY  
OIL ROYALTIES OFFICER

Dated 27th January 1983



Mr. S. Hegion, President  
Copperhead Oil Company Limited  
P.O. Box 1027  
Virden, Manitoba  
ROM 2C0

Prob O.R.R. on  
Sec 31

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0

The undersigned hereby grants permission to Tundra Oil and Gas to comingle production from Section 30-5-29 with production currently treated at the battery facility at 9-31-5-29. It is understood that facilities will be sufficient to allow the monthly testing of each well producing to the battery. A rate of \$7.75/m<sup>3</sup> will be charged against the Section 30-5-29 wells for treatment and disposal at our facilities. The treatment and disposal rate will be reviewed on a regular basis and can be adjusted with 30 days notice.

Dated

June 15, 1983

November 4, 1983

Tandra Oil and Gas  
Box 1350  
Virden, Manitoba  
R0M 2C0

Attention: Mr. W. K. Kinnaird

Dear Sirs:

Re: Commingling Production - Tilston Area

Your letter of October 21, 1983 regarding commingling of your production in Sections 25 and 36 of Township 1, Range 30 (WPM) is acknowledged. As these lands are located in the Province of Saskatchewan, the Petroleum Branch has no jurisdiction over your proposal.

However, as it is proposed to transport this production into Manitoba for processing, we are concerned that this production be properly metered in total and note that the schematics attached to your letter will facilitate such measurement.

We ask that you submit on a monthly basis results of a minimum of one test of the group line through the test treater along with a comparison of this result with volumes determined from the group meter at the header under the same operating conditions. We also request that your monthly production reports for the battery indicate the production for all wells producing to the battery in geographical order.

Yours sincerely,

L. Clare Moster, P. Eng.  
Director, Petroleum Branch

LRD/HM/ik

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2CO  
1983 10 21

Mr. H. Clare Moster, P. Eng.  
Director  
Petroleum Branch  
Manitoba Department of Energy and Mines  
Mineral Resources Division  
975 Century Street  
Winnipeg, Manitoba  
R3H 0W4



Dear Sir:

Re: Commingling Production - Tilston Area

Tundra Oil and Gas is the designated operator of a number of new wells in Saskatchewan licensed in the name of New Scope Resources Limited. Because of the proximity of these wells to our existing operation in Manitoba we wish to commingle their production with production treated through our facility at 9-31-5-29 W1M.

We hereby request approval to include existing and future wells from Section 25-5-30 W1M and Section 36-5-30 W1M in our agreement. Existing wells include:

New Scope et al Fertile 1-36-5-30 W1M  
New Scope et al Fertile 8-36-5-30 W1M  
New Scope et al Fertile 16-25-5-30 W1M.

This proposal has been approved by the Saskatchewan Department of Energy and Mines. Attached is a sketch and correspondence which reflects the approved system.

We ask for your approval of this system subject to receipt of ratification from all interested mineral holders.

Yours truly,

  
Barry K. Kinnaird  
Field Operations Manager

attach.

cc: R.G. Puchniak  
M. Skjonsby, New Scope Resources Limited

BKK/dk

Tundra Oil and Gas  
P.O. Box 1960  
Virden, Manitoba  
ROM 2C0  
1983 10 17

Mr. Ken Krause  
Saskatchewan Energy and Mines  
1219 5th Street  
Estevan, Saskatchewan  
S4A 0Z1

Dear Sir:

Re: Fertile Area Gathering System

Further to our telephone conversations this date we request your written approval of a gathering system for the subject wells summarized as follows:

- 1) Each well tied in by flowline to a central header located at 1-36-5-30.
- 2) The header at 1-36-5-30 to be designed to allow the individual test measurement of each well on a monthly basis.
- 3) Measurement of all fluid into group line to Tilston 9-31-5-29 Battery.
- 4) Measurement of these fluids to be by meter equipped with continuous samplers.
- 5) Metering equipment to be sheltered so as to reduce effects of ambient temperatures on measurement accuracy.
- 6) Continuous gas measurement unnecessary at this time. Gas volumes are not measureable as proven by recent tests.
- 7) Regular calibration of meters.

Attached for your information are sketches of our gathering system on Section 31-5-29 W1M and the proposed system on Section 30-5-29 W1M and Section 25-5-30 W1M.

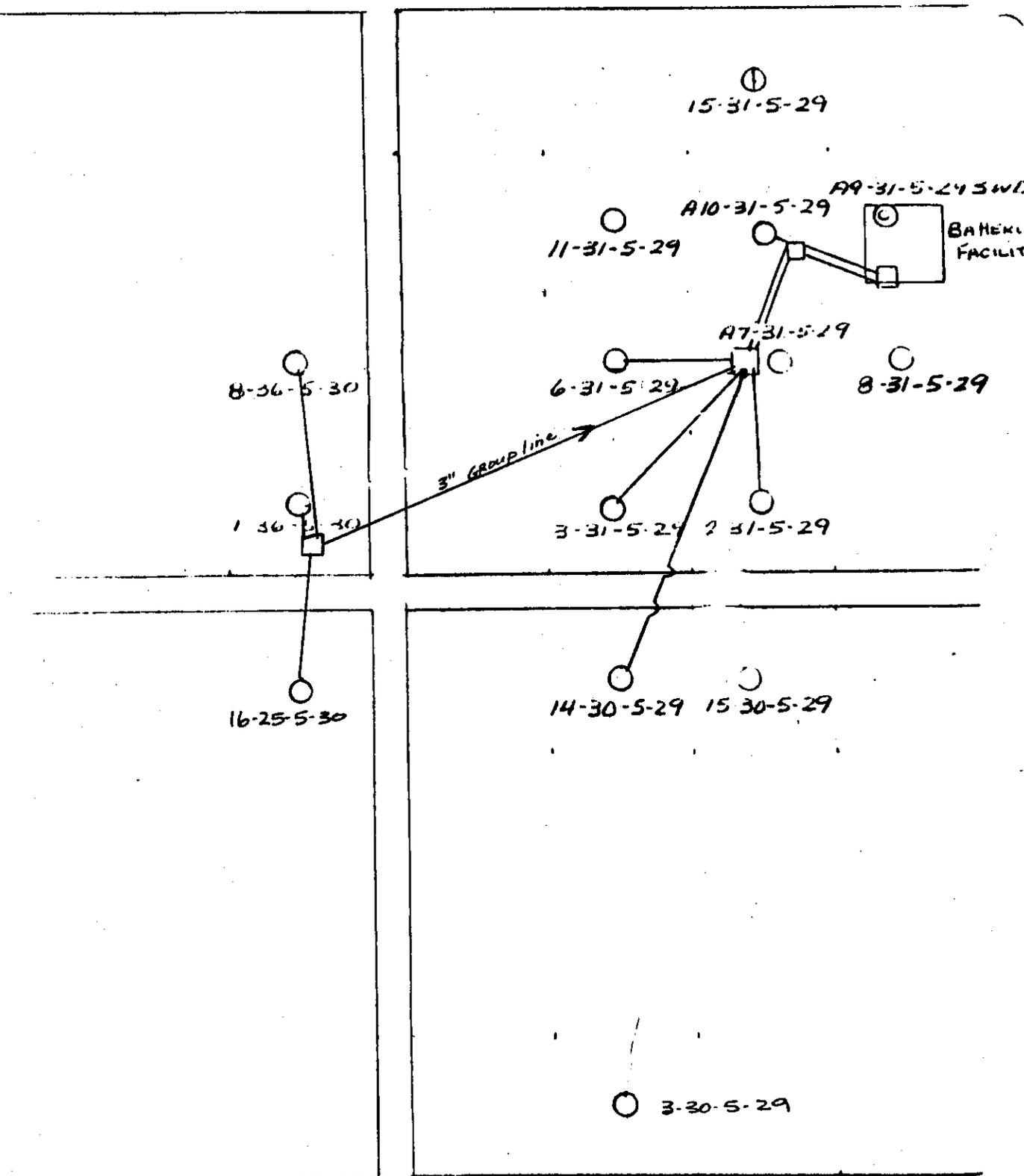
Yours truly,

Barry K. Kinnaird  
Field Operations Manager, Virden

attach.

cc: R. G. Puchniak, Tundra Oil and Gas, Winnipeg  
M. Skjonsby, New Scope Resources Limited, Winnipeg

BKK/dk



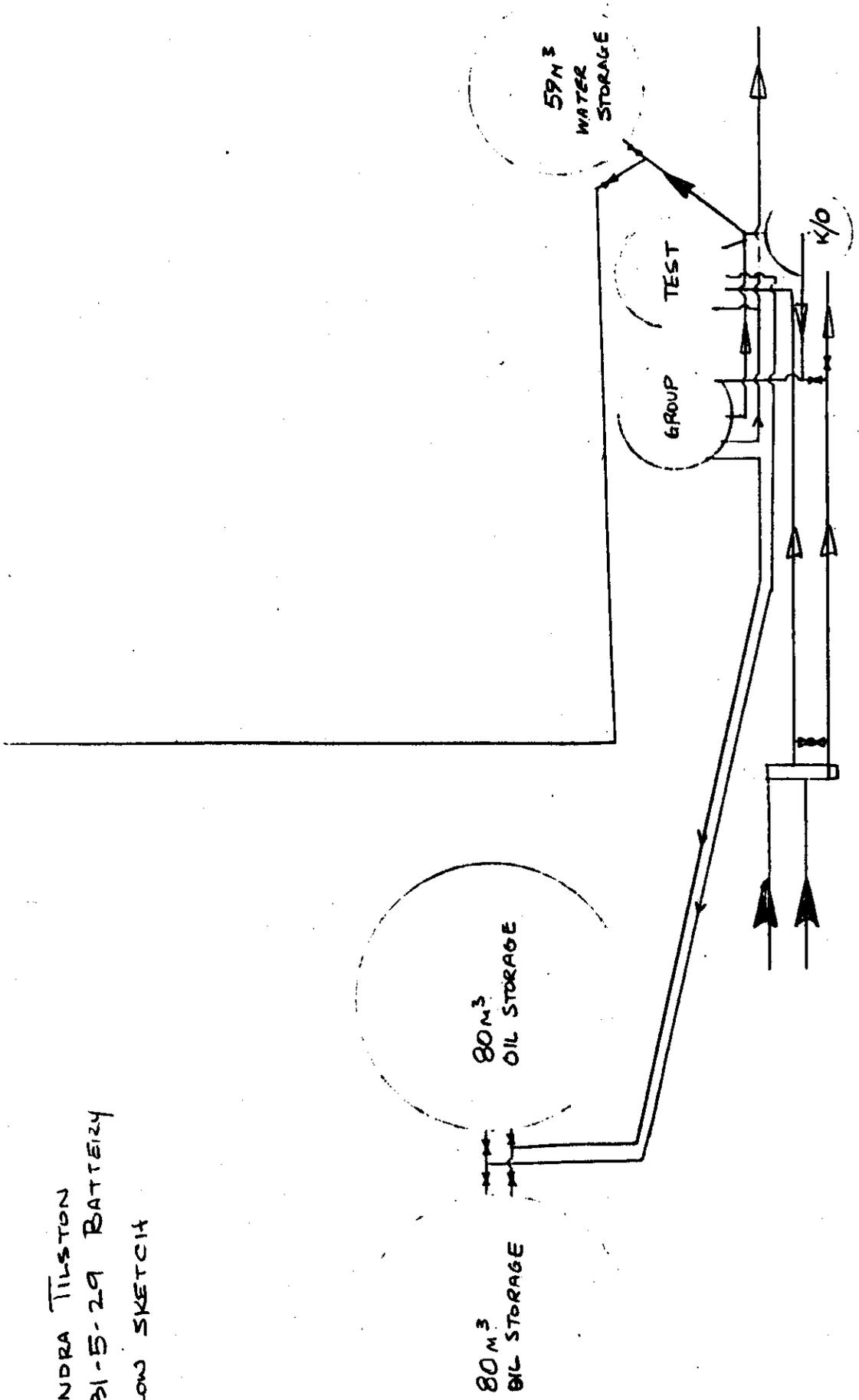
SASKATCHEWAN

MANITOBA

□ HEADER

A9-31-5-29 SWD WELL

TUNDRA TILSTON  
9-31-5-29 BATTERY  
FLOW SKETCH



FERTILE 1-36-5-30 GROUP HEADER

