

No



PROVINCE OF MANITOBA

SUBJECT

Oil Shale Reservations

No. 9

Aquitane Company of Canada Ltd

General Correspondence

MINERAL RESOURCES DIVISION

DEPARTMENT OF MINES AND NATURAL RESOURCES
ACCOUNTS BRANCH

LEASE NO
63165

LEASE LEDGER

Agreement to of Canada Ltd
234 - Hudson's Bay Bldg
220 - 7th Avenue South-west
Calgary, Alberta

DATE ISSUED	PERIOD OF LEASE	DESCRIPTION ON	RENTAL	FILE NUMBER
revised Sept 23, 1964 computed from		Traps		63165
Aug 28, 1964		15, 16, 17, 18, 19, 20	15 WPM	
		15, 16, 17	16 WPM	
		15, 16, 17, 18	17 WPM	
		18, 19, 20		

DATE OF ENTRY 19	RENTAL		JOURNAL ON C B FOLIO	DEBIT	CREDIT	BALANCE
	FROM	TO				
Aug 28, 64			13 20	250 -	250 -	
Sept 7 '65	11 5 70 73		14 2	192K (2)	4500 -	
	Returned to CH			4500 -		
	12 10 11					

COPY

March 18, 1966.

J. S. Richards,
Director of Mines.

Mr. T. Morgan,
Chief Mining Recorder.

Aquitaine Company of Canada Ltd.

Attached, hereto, Statutory Declaration,
submitted by the above company, relative to the expenditures
incurred in respect to Oil Shale Reservation No. 9.

This is to advise that the \$12,596.00
reported is accepted as being expenditures incurred in satis-
factory investigations relating to subsurface geology. As
this amount is in excess of the \$9,000.00 expenditure re-
quired to maintain the reservation in good standing for
two years, the \$4,500.00 guarantee deposit may be returned
to the company.

JSH:db

J. S. Richards
J. S. Richards.

Enc. 1.

c. c. to. Mr. M. J. Gobert,
Assistant Deputy Minister.



DEPARTMENT OF MINES AND NATURAL RESOURCES
MINES BRANCH

RECORDING DIVISION
904 NORQUAY BUILDING
401 YORK AVENUE WINNIPEG 1

September 24, 1964

Aquitaine Company of Canada Limited
234 - Hudson's Bay Oil & Gas Building
320 - 7th Avenue Southwest
Calgary, Alberta

Gentlemen:

Attached Oil Shale Reservation No. 9 in the name of Aquitaine Company of Canada Limited. I am also enclosing Official Receipt Nos. G 7551 covering application fee of \$250 and G 7552 in the amount of \$4,500 covering guarantee deposit. A refund in the amount of \$3,000 has been requested and a cheque will be forwarded in the future.

This is to advise that for the purposes of fulfilling your obligations in respect to these reservations "Surface Geology" shall mean the study and sampling, by any means including boring, the rocks exposed at the surface or the entire thickness of the formation sub-cropping immediately and vertically below the overburden at the test site. Boring through, or removal of overlying formations (apart from overburden) to sample or study an underlying formation shall not be considered "Surface Geology". The word "formation" shall mean the Riding Mountain, Vermillion River, Favel or Ashville formation, as classified in "Geology and Mineral Resources of Manitoba". The word "study" shall include the determination of the bitumen content of the rock, but shall not include any other type of analysis.

Yours truly,

A handwritten signature in cursive script, appearing to read 'T. Morgan'.

T. Morgan
Chief Mining Recorder

TM/ar
Encs. (3)

cc: Dr. J. F. Davies
Chief Geologist

Reservation of Oil Shale Rights No. 9

In consideration of and subject to the provisos, conditions and restrictions hereinafter contained, permission is hereby granted to:

Aquitaine Company of Canada Limited,
234 - Hudson's Bay Oil & Gas Building,
320 - 7th Avenue. Southwest,
Calgary, Alberta.

its successors and assigns, to carry on geological and geophysical examinations or both, including investigations relating to sub-surface geology on the following lands, namely:

<u>Township</u>	<u>Range</u>
15, 16, 17, 18, 19, 20	15
15, 16, 17	16
15, 16, 17, 18	17

all West of the Principal Meridian, containing 118,859.40 acres, more or less. See Attached List.

This reservation is subject in all respects to "The Mines Act" and Part X of Manitoba Regulation 29/50 governing the disposal of boring claims; and any amendments thereto, until the cash deposit required under subsection 2 of Section 192C of the said regulation is made, the examination shall be restricted to surface geology.

Dated at Winnipeg this
23rd day of September, 1961.


Director of Mines.

RESERVATION NO. 9

Township 15, Range 15 W.P.M.

S.E. $\frac{1}{4}$ Sec. 20, E $\frac{1}{2}$ of N.W. $\frac{1}{4}$ of Sec. 30, and All Sec. 11.

Township 16, Range 15 W.P.M.

S.E. $\frac{1}{4}$ Sec. 22, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 32, and All Sections 29 and 30.

Township 17, Range 15 W.P.M.

S.E. $\frac{1}{4}$ Sec. 2, S.W. $\frac{1}{4}$ Sec. 4, W $\frac{1}{2}$ Sec. 7, N.W. $\frac{1}{4}$ Sec. 9, N.W. $\frac{1}{4}$ Sec. 14, W $\frac{1}{2}$ Sec. 22, N.W. $\frac{1}{4}$ Sec. 23, N.E. $\frac{1}{4}$ Sec. 26, N.W. $\frac{1}{4}$ and W $\frac{1}{2}$ of S.E. $\frac{1}{4}$ Sec. 31, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 34, W $\frac{1}{2}$ and S.E. $\frac{1}{4}$ Sec. 36 and All Sections 11, 16, 17, 18, 19, 20, 28, 29, 30, and 32.

Township 18, Range 15 W.P.M.

S.W. $\frac{1}{4}$ Sec. 1, W $\frac{1}{2}$ Sec. 2, W $\frac{1}{2}$ Sec. 3, W $\frac{1}{2}$ and S.E. $\frac{1}{4}$ Sec. 4, W $\frac{1}{2}$ and S.E. $\frac{1}{4}$ Sec. 5, N.W. $\frac{1}{4}$ Sec. 9, N.E. $\frac{1}{4}$ and S.W. $\frac{1}{4}$ Sec. 10, E $\frac{1}{2}$ Sec. 14, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 16, N.W. $\frac{1}{4}$ Sec. 17, N.W. $\frac{1}{4}$ Sec. 21, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 22, N.E. $\frac{1}{4}$ Sec. 26, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 34, S $\frac{1}{2}$ Sec. 36 and All Sections 6, 7, 11, 12, 18, 19, 20, 24, 28, 29, 30, 31, and 32.

Township 19, Range 15 W.P.M.

W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 2, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 12, E $\frac{1}{2}$ Sec. 14, S.E. $\frac{1}{4}$ Sec. 23, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 24, N.E. $\frac{1}{4}$ Sec. 26, E $\frac{1}{2}$ and S.W. $\frac{1}{4}$ Sec. 34 and All Sections 4, 5, 6, 10, 11, 16, 18, 20, 21, 22, 28, 29, 30, 31, 32, and 36.

Township 20, Range 15 W.P.M.

N $\frac{1}{2}$ Sec. 27, W $\frac{1}{2}$ Sec. 33 and All Sections 2, 4, 6, 7, 10, 11, 12, 14, 16, 17, 18, 19, 20, 22, 24, 28, 29, 30, 31, 32, 34, 35, and 36.

Township 15, Range 16 W.P.M.

N $\frac{1}{2}$ of L.S. 13, Sec. 19, S.W. $\frac{1}{4}$ Sec. 29 and N.W. $\frac{1}{4}$ Sec. 30.

Township 16, Range 16 W.P.M.

S.W. $\frac{1}{4}$ Sec. 4, N $\frac{1}{2}$ Sec. 6, S.W. $\frac{1}{4}$ Sec. 9, W $\frac{1}{2}$ Sec. 10, S.W. $\frac{1}{4}$ Sec. 12, S.W. $\frac{1}{4}$ Sec. 16, N $\frac{1}{2}$ of N.E. $\frac{1}{4}$ and N $\frac{1}{2}$ of N.W. $\frac{1}{4}$ Sec. 17, N.E. $\frac{1}{4}$ Sec. 18, S.E. $\frac{1}{4}$ Sec. 19, N.E. $\frac{1}{4}$ Sec. 22, N.W. $\frac{1}{4}$ Sec. 27, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 28, N $\frac{1}{2}$ Sec. 30, S.W. $\frac{1}{4}$, E $\frac{1}{2}$ of S.E. $\frac{1}{4}$, E $\frac{1}{2}$ of N.E. $\frac{1}{4}$ Sec. 34, W $\frac{1}{2}$ and S.E. $\frac{1}{4}$ Sec. 36, and All Sections 11, 14, 24, and 29.

Township 17, Range 16 W.P.M.

W $\frac{1}{2}$ and S.E. $\frac{1}{4}$ Sec. 4, N.E. $\frac{1}{4}$ Sec. 26 and All Sections 2, 3, 5, 6, 7, 9 to 25, 27 to 36.

Township 15, Range 17 W.P.M.

N.W. $\frac{1}{4}$ Sec. 11, N.E. $\frac{1}{4}$ Sec. 20, S.E. $\frac{1}{4}$ Sec. 22, S.W. $\frac{1}{4}$ Sec. 23, S.W. $\frac{1}{4}$ Sec. 28, and W $\frac{1}{2}$ and S.E. $\frac{1}{4}$ Sec. 29.

Township 16, Range 17 W.P.M.

N.E. $\frac{1}{4}$ Sec. 12, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 25, N.E. $\frac{1}{4}$ Sec. 26, N $\frac{1}{2}$ Sec. 33, E $\frac{1}{2}$ Sec. 36 and All Sections 11, 29, 34 and 35.

Township 17, Range 17 W.P.M.

E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 5, S $\frac{1}{2}$ Sec. 7, S.E. $\frac{1}{4}$ Sec. 10, E $\frac{1}{2}$ and S.W. $\frac{1}{4}$ Sec. 12, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 13, E $\frac{1}{2}$ and S.W. $\frac{1}{4}$ Sec. 15, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 16, E $\frac{1}{2}$ and S.W. $\frac{1}{4}$ Sec. 17, S $\frac{1}{2}$ Sec. 19, E $\frac{1}{2}$ and S.W. $\frac{1}{4}$ Sec. 20, W $\frac{1}{2}$ Sec. 21, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 22, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 25, N.E. $\frac{1}{4}$ Sec. 26, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 28, N.E. $\frac{1}{4}$ and S.W. $\frac{1}{4}$ Sec. 30, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 31, W $\frac{1}{2}$ and S.E. $\frac{1}{4}$ Sec. 32, S.E. $\frac{1}{4}$ Sec. 33, and all Sections 2, 4, 9, 11, 14, 18, 23, 24, 27, 29, 34, 35, and 36.

Township 18, Range 17 W.P.M.

E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 5, N $\frac{1}{2}$ Sec. 6, W $\frac{1}{2}$ Sec. 12, E $\frac{1}{2}$ and N.W. $\frac{1}{4}$ Sec. 14,
E $\frac{1}{2}$ and S.W. $\frac{1}{4}$ Sec. 15, W $\frac{1}{2}$ Sec. 18, W $\frac{1}{2}$ and N.E. $\frac{1}{4}$ Sec. 20, W $\frac{1}{2}$ and
N.E. $\frac{1}{4}$ Sec. 22, E $\frac{1}{2}$ and S.W. $\frac{1}{4}$ Sec. 27, and All Sections 2 to 4, 7,
9, to 11, 16, 17, 19, 21, 23, 28, and 34.

June 4, 1965

H. J. Gobert

Assistant Deputy Minister

Oil Shale Regulations 42/64

COPY

J. Stuart Anderson

Deputy Minister

Dept. of Mines and Natural Resources

We have received a submission from The Atlantic Refining Company, verbally supported by Aquitaine Limited, both holders of oil shale reservations in Manitoba, pointing out difficulties in working under the two categories a) surface exploration and b) subsurface exploration. Sun Oil Company previously had made reference to similar difficulties which we apparently resolved to their satisfaction by our liberal interpretation of "surface exploration". The facts seem to be that strict surface exploration is of little value in assessing oil shales and that drilling (subsurface) to obtain fresh samples is necessary. Our regulations require a work commitment of \$750.00 for each 20,000 acres for surface exploration and \$2000.00 for each 20,000 acres for sub-surface exploration. It may be that the distinction between "surface" and "subsurface" is not practical in oil shale exploration.

A further objection to the existing regulations is that the work commitments during extensions are not spelled out. I believe the intention was that the commitment for each year's extension was to be the same as for the original 1 year period. However the regulations could be interpreted to mean that no work is required during extensions granted by the Director and the Minister.

We are proposing that we eliminate the distinction between surface and subsurface work and bring our work commitments in line with those of Saskatchewan both for the original 1-year reservation and the 2-subsequent renewals (granted by the Director and the Minister respectively).

The requirements would then be: for each 20,000 acres or portion thereof:

- first year - \$400.00
- second year - 800.00
- third year - 1200.00
- fourth year - at discretion of Lieutenant-Governor-in-Council.

The following show the amendments to the regulations required to effect these proposals. The Saskatchewan rates are 2 cents per acre the first year, 4 cents the second year, and 6 cents the third year.

- Section 192C (1) (b) after the words "a cash deposit" add "of \$400.00" and delete the word "of" after the word "reservation".
Add a period after the word "reservation"
- 192C (1) (b) (i) delete
- 192C (1) (b) (ii) delete
- 192C (2) delete
- 192K (2) Delete the period after "satisfactory progress reports" and add "and upon payment of a cash deposit of \$800.00 for each 20,000 acres or portion thereof comprising the area of the reservation".

PS-153

COPY

- 2 -

192K (3) Delete the period after "comprising, the reservation" and add "and a cash deposit of \$1200.00 for each 20,000 acres or portion thereof comprising the reservation".

It is suggested we arrange to meet with representatives of the 3 companies concerned with oil shales in Manitoba, the afternoon of June 23rd.



M. J. Gobert

P.S. Mr. Richards has confirmed that the afternoon of June 23rd is satisfactory to Sun Oil. Mr. Gilbert suggested that, if necessary, the discussion of their program could be held in the evening.

Orig. on: Acts and Regulations -
Oil Shale.

p. c. on: ~~Oil Shale - Cos. -~~
Aquitaine Company of Canada Limited,
The Atlantic Refining Company;
Sun Oil Company.

ACC 763

To Director of Mines,
Province of Manitoba

RE Oil Shale Reservation No 9.

This will certify that I am a registered member of the Association of Professional Engineers of Alberta, and that I have participated in the preparation of the enclosed report entitled "Manitoba Oil Shale Reservation No 9, Geological Study of the Oil Shales" and that I have examined the same in its entirety and approve it as being a complete record of the information as to the geological, geophysical and other data obtained as a result of the examination done to date on the said reservation

Dated at Calgary this 18th day of February, 1966

Roger Bonafoux,
Registered under the Engineering
and Related Profession Act of
the Province of Alberta

Roger Bonafoux
PROFESSIONAL ENGINEER
ALBERTA
REGISTERED

March 18, 1966.

J. S. Richards,
Director of Mines.

Mr. T. Morgan,
Chief Mining Recorder.

Aquitaine Company of Canada Ltd.

Attached, hereto, Statutory Declaration,
submitted by the above company, relative to the expenditures
incurred in respect to Oil Shale Reservation No. 9.

This is to advise that the \$12,596.00
reported is accepted as being expenditures incurred in satis-
factory investigations relating to subsurface geology. As
this amount is in excess of the \$9,000.00 expenditure re-
quired to maintain the reservation in good standing for
two years, the \$4,500.00 guarantee deposit may be returned
to the company.


J. S. Richards.

JSR:db

Enc. 1.

c. c. to: Mr. M. J. Gobert,
Assistant Deputy Minister.

Dr. J. F. Davies,
Chief Geologist.

INTER - DEPARTMENTAL MEMORANDUM



PROVINCE
OF
MANITOBA

DATE March 11, 1966

FROM Mr. J. F. Davies


TO Mr J. S. Richards

Chief Geologist

Director of Mines

SUBJECT Aquitaine - Oil Shale Reservation #9

The reports submitted by Aquitaine February 17, 1966 contain complete and satisfactory results of the work outlined in the statement of expenditures and fairly represent an expenditure of \$12,596.00 as claimed. The reports are now filed "confidential".


J. F. Davies
Chief Geologist

JFD/ik

p. c. to: Mr. T. Morgan,
Chief Mining Recorder.

\$ 4,500
J.S.R.



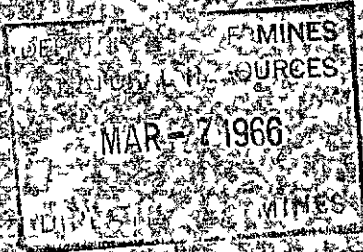
AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON'S BAY OIL & GAS BUILDING
320 - 7TH AVENUE 15' W
CALGARY ALBERTA CANADA

PHONE 263 3916
TELEX 038 2349 PETRAK1 CGY
CABLES AQUIPETROL CALGARY

ACC 762

February 17, 1966



Director of Mines,
Department of Mines and Natural Resources,
901 Norquay Building,
401 York Avenue,
WINNIPEG 1, Manitoba

Dear Sir

RE Oil Shale Reservation No 9

In response to your letter of September 7, 1965, we enclose reports detailing the results of the investigations carried out in our behalf on the above reservation.

Enclosed also is a statement of expenditures verified by an independent auditor. All travel and living expenses have been omitted from the statement.

We trust that this material is sufficient to enable you to authorize refund of the applicable portion of the deposit. If further information is desired, we will endeavor to supply it promptly upon your request.

Yours truly,

AQUITAINE COMPANY OF CANADA LTD

W.D. Clark
Secretary

WDC:sl
Enclosure

D.C. to: Dr. J. F. Davico,
Chief Geologist.

Mr. T. Morgan,
Chief Mining Recorder.

September 7, 1965.

Mr. L. Pradal,
Vice-President,
Aquitaine Company of Canada Ltd.,
234 Hudson's Bay Oil & Gas Building,
320 - 7 Avenue, S. W.,
Calgary,
Alberta.

Dear Mr. Pradal:

This is to advise that the information submitted with your letter of August 25th is accepted as a satisfactory statement for the purpose of renewing Oil Shale Reservation No. 9 for a term of one year to September 23, 1966, in accordance with subsection (2) of Section 192K of the Regulations. However, no refund of any portion of the deposit held by this department will be refunded until such time as the following additional information is supplied:

1. Reports detailing the results of the investigations carried out by Messrs. Carrel and Tortochaux, as listed in Items 1, 2, and 3 of your Progress Report.
2. A tabulation of the core analysis.
3. A statutory declaration, verified by an independent auditor, giving a breakdown of the several items listed in your Statement of Estimated Expenditures.

I would also advise that we do not consider the plane fare from France to Canada and return, nor expenses on a trip of this nature, as an allowable expense.

Would you kindly submit the declaration of expenditures in sufficient detail to enable us to determine the nature of all expenditures.

Yours very truly,


J. S. Richards,
Director of Mines.

JSR:db

c. c. to: Mr. M. J. Gobert, Assistant Deputy Minister.
Dr. J. F. Davies, Chief Geologist.

Mr. T. Morgan, Chief Mining Recorder.



AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON'S BAY OIL & GAS BUILDING,
320 - 7TH AVENUE SW
CALGARY ALBERTA CANADA

PHONE 263-3916
TELEX 038 2349 PETRAKI CGY
CABLES AQUIPETROL CALGARY

Calgary, Alberta
August 25, 1965

Department of Mines and Natural Resources
Norrway Building,
401 York Avenue,
Winnipeg, Manitoba

DEPARTMENT OF MINES
& NATURAL RESOURCES
AUG 27 1965
DIRECTOR OF MINES

Attention: Mr. J. S. Richards
Director of Mines

Dear Sir:

Re: Oil Shale Reservation No. 9

Following our telephone conversation of the 23 August, 1965, we are sending you a Progress Report and a Statement of our expenses, for the current year starting September 23, 1964, relative to our Oil Shale Reservation No. 9.

We would be pleased if you would advise us whether our work and expenses appear to be sufficient as to allow us to renew the above mentioned reservation, without the loss of the deposit, as there will have been more than 90 days between the time when the work was done on the land and the expiry date of the reservation.

Due to the fact that the core analysis is still in progress, at present, the enclosed statement of expenses is of a temporary nature, and it is understood that once we are notified of the cost incurred by the analysis, we will submit to you a final statement of accounts.

Yours truly,
AQUITAINE COMPANY OF CANADA LTD

L. Pradal
L. Pradal
Vice-President

Dr. J. F. Davies, Chief Geologist.
Mr. T. Morgan, Chief of Mining Recorder.

LP/vt
Encls.

--- with 2 encls
--- with 2 enclosures
--- with 2 enclosures



AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON BAY OIL & GAS BUILDING
320 - 7TH AVENUE SW
CALGARY - ALBERTA CANADA

PHONE 263-3916

TELEX 038 2349 PETRAKI CGY

CABLES AQUIPETROL CALGARY

August 25, 1965

Department of Mines and Natural Resources
Norquay Building,
401 York Avenue,
Winnipeg, Manitoba

Attention Mr. J. S. Richards
Director of Mines

MANITOBA OIL SHALES RESERVATIONS NO. 9

PROGRESS REPORT

1. April 1965

Mr. CARREL's Bibliographical study on the Cretaceous Oil Shales of Manitoba - (17 days).

2. 6 May to 11 June 1965

Mr. TORTOCHAUX's Mission
= Sampling of the Upper Cretaceous Formations of Northern Manitoba (35 samples).
= Sampling of the Upper Cretaceous Formations from reservation No. 9 and in the immediate vicinity. (32 samples)
= Selection of locations for future possible core sampling, (7 locations held.)

3. June 1965

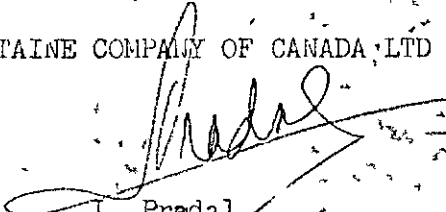
Preparation of a programme of core sampling according to the facts collected from the study of the land.

MR. CARREL 10 days MR. TORTOCHAUX 8 days

4. August 1965

The analysis of the samples at the "Centre de Recherches" of the Société Nationale des Pétroles D'Aquitaine, (in progress at the moment).

AQUITAINE COMPANY OF CANADA LTD


L. Pradal
Vice-President



AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON'S BAY OIL & GAS BUILDING
320 - 7TH AVENUE SW
CALGARY - ALBERTA - CANADA

PHONE 263-3916
TELEX 038 2349 PETRAKI CGY
CABLES AQUIPETROL CALGARY

Department of Mines and Natural Resources
Norquay Building,
401 York Avenue,
Winnipeg, Manitoba

MANITOBA OIL SHALE RESERVATION NO. 9

STATEMENT OF ESTIMATED EXPENDITURES
Can. \$ at rate of exchange of 0.22

1. Services of Mr. Carrel
- 17 days bibliographical study
2. Services of Mr. Tortochaux
- 36 days from May 6 to June 11, 1965,
- Collecting samples & selecting coring sites.
- Plane fare France to Canada & return
- Living Expenses
3. Services of Mr. Carrel & Mr. Tortochaux
- Preparation of Core Drill Programme
- Mr. Carrel, 10 days
- Mr. Tortochaux, 8 days
4. Analysis of Samples at S.N.P.A.
Réséarch Centre (Centre de Recherches
de Pau)
 - 65 Samples
 - 40 Thin sections
 - Preparation
 - Studies
 - 25 Washings
 - Sorting micro fossils
 - Classifying micro fossils
 - Engineer's Services 5 days
 - Miscellaneous costs - Research Centre

	UNIT PRICE		AMOUNT	
	FF	Can \$	FF	CAN \$
1. Services of Mr. Carrel	430.00	94.60	7,310.00	1,608.20
2. Services of Mr. Tortochaux	693.00	152.46	24,948.00	5,488.56
- Plane fare France to Canada & return			4,180.00	919.60
- Living Expenses			5,585.00	1,228.70
3. Services of Mr. Carrel & Mr. Tortochaux	430.00	94.60	4,300.00	946.00
- Preparation of Core Drill Programme	600.00	132.00	4,800.00	1,056.00
4. Analysis of Samples at S.N.P.A.				
<u>Réséarch Centre (Centre de Recherches</u>				
<u>de Pau)</u>				
65 Samples				
40 Thin sections			211.20	46.46
Preparation			1,138.40	250.45
Studies			122.00	26.84
25 Washings			203.25	44.71
Sorting micro fossils			813.00	178.86
Classifying micro fossils				
Engineer's Services 5 days			2,440.00	536.80
Miscellaneous costs - Research Centre			1,133.40	249.35
<u>Total of Invoice</u>			57,184.25	12,580.53

AQUITAINE COMPANY OF CANADA LTD.

L. PRADAL



AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON'S BAY OIL & GAS BUILDING
320-7TH AVENUE SW
CALGARY ALBERTA CANADA

PHONE 263 3916
TELEX 038-2349 PETRAKI CGY
CABLES AQUIPETROL-CALGARY
ACC 510

Calgary, Alberta,
July 12, 1965

DEPARTMENT OF MINES
& NATURAL RESOURCES

JUL 14 1965

DIRECTOR OF MINES

Department of Mines and Natural Resources

Norquay Building,
401 York Avenue,
Winnipeg, Manitoba

Attention Mr. J. S. Richards,
Director of Mines

Dear Sir:

Re: Manitoba Oil Shales Regulation, 42/64

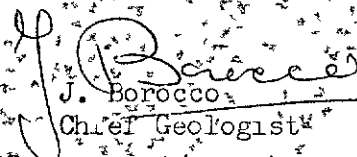
In confirmation of your telephone conversation of July 12, 1965, with Mr. J. Borocco, we wish to advise you that Aquitaine Company of Canada is in complete agreement with the conditions set forth in a letter presented to yourself by Mr. Toriason of Atlantic Refining Company, and dated June 30, 1965.

As the core hole operations of Aquitaine Company are being delayed until the amendment of the regulations, we are very anxious to see the changes brought into effect.

We are very eager to have Clause 1925 accepted, because the majority of our laboratory work and a great part of our office work is done in France, on the one hand because of the small staff Aquitaine has here at present, and on the other hand, due to the fact that our Oil Shales office is located in France.

Trusting that you will reach a prompt solution to the above, we remain,

Yours truly,
AQUITAINE COMPANY OF CANADA


J. Borocco
Chief Geologist

JB/vt



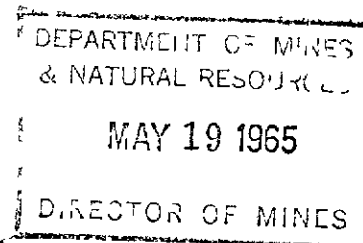
AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON BAY OIL & GAS BUILDING
320 - 7TH AVENUE SW
CALGARY - ALBERTA CANADA

PHONE 263-3916
TELEX 038 2349 PETRAKI CGY
CABLES AQUIPETROL-CALGARY
A.C.C. 455

Calgary, Alberta,
May 18th, 1965

Chief Mining Recorder,
Department of Natural Resources,
WINNIPEG,
Manitoba.

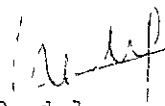


Dear Sir:

In accordance with the conversation between yourself and Messrs J. Borocco, and F. Tortochaux, upon their visit to your office on May 13th and 14th, this is to inform you that the effective works have in fact begun on Oil Shale Reservation No. 9, on Monday the 17th, this first step included a general survey of the lands; next, that is, within a couple of weeks, we intend to make some geological sections and to collect samples, at a further date, if the regulations allow us to make some core-drills within the frame of our present rights, we shall possibly drill such holes.

Also included herewith, please find my warmest thanks for the good welcome Messrs. J. Borocco and F. Tortochaux received from your staff.

Yours very truly,
AQUITAINE COMPANY OF CANADA LTD,


L. Pradal,
Vice-President.

LP/sw

p. c. to: Mr. M. J. Gobert, Assistant Deputy Minister.
Mr. J. S. Richards, Director of Mines.
Dr. J. F. Davies, Chief Geologist.

September 14, 1964.

J. S. Richards,
Director of Mines.

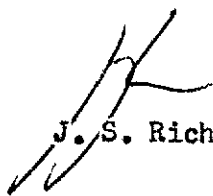
Mr. T. Morgan,
Chief Mining Recorder.

Aquitaine Company of Canada Limited -

Oil Shale Reservation.

Returned, hereto, original letter of application for an Oil Shale Reservation, submitted by Aquitaine Company of Canada Limited, dated August 26, 1964.

As this application has been duly approved by the Minister, it is now in order to proceed with the preparation of the reservation.



J. S. Richards.

:DB

Enc.

September 3, 1964.

J. S. Richards,
Director of Mines.

Mr. Stuart Anderson,
Deputy Minister.

Aquitaine Company of Canada Ltd.,

Oil Shale Reservation.

DEPARTMENT OF MINES
& NATURAL RESOURCES
SEP 14 1964
DIRECTOR OF MINES

Attached, hereto, the original and a copy of an application from the above company for an oil shale reservation south of the area held by Sun Oil Company. The total acreage of Crown mineral rights in the area applied for is approximately 118,860 acres, requiring a fee of \$250 and a cash deposit of \$4,500. These sums have been received.

As you are aware, Section 192A of the Regulations provides that the granting of all such reservations are "Subject to the approval of the minister".

We are forwarding, herewith, two copies of a map 16 miles to 1 inch, showing the Sun and Aquitaine acreage.

Also attached some notes, giving the names of the company officials who made the application, and some information relative to the company's operations. This material has been typed but a copy of the original is also enclosed as it is not entirely legible. The geological maps of this area indicate that outcrops are fairly numerous.

If satisfactory, would you kindly have the approval indicated on the original application, and return it to this office.

JSR:or


J. S. Richards.

Encs.

c.c. to: Mr. M. J. Gobert,
Assistant Deputy Minister.

Mr. T. Morgan,
Chief Mining Recorder.

p. c. to Dr. J. F. Davies, Chief Geologist.



AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON BAY OIL & GAS BUILDING
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CABLES AQUIPETROL CALGARY

Calgary, Alberta
August 26th, 1964

A.C.C. 132

Chief Mining Recorder,
Department of Natural Resources,
WINNIPEG, Manitoba

Dear Sir:

Aquitaine Company of Canada Limited, a Dominion Company registered in Manitoba, is submitting hereunder, application for geological exploratory Permit (Oil Shale) on the Crown Lands situated on the following area:

Township 15, Range 15 - WLM
Township 15, Range 16 - WLM
Township 15, Range 17 - WLM
Township 16, Range 15 - WLM
Township 16, Range 16 - WLM
Township 16, Range 17 - WLM
Township 17, Range 15 - WLM
Township 17, Range 16 - WLM
Township 17, Range 17 - WLM
Township 18, Range 15 - WLM
Township 18, Range 17 - WLM
Township 19, Range 15 - WLM
Township 20, Range 15 - WLM

AUG 28-64 1920

AUG 28-64 1925 E

AUG 28-64 1925 E

The intended programme of exploration would consist of:

1. General studies of the area, based on published literature and field mapping.
2. Adequate sampling of potentially bituminous shale.
3. Analysis of collected samples.
4. Technical and economical studies designed to ascertain the possibility of commercial exploration of "Oil Shale" deposits in the applied for area.

(2) ---

(3) ---

7,5000

7,5000

..... 2

2500

2500

By cheque



AQUITAINE COMPANY OF CANADA LTD.

234 HUDSON BAY OIL & GAS BUILDING
320 - 7TH AVENUE S W
CALGARY - ALBERTA CANADA

PHONE 263 3916
TELEX 038-2349 PETRAKI CGY
CABLES AQUIPETROL-CALGARY

- 2 -

The approximate cost of this programme would be \$7,000.00.

I am enclosing herewith, certified cheque for the amount of \$7,750.00 which would cover an application fee of \$250.00 and \$7,500.00 covering the deposit.

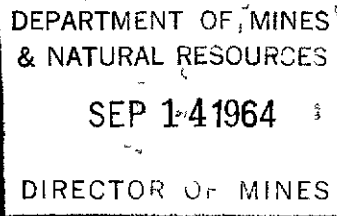
Aquitaine Company of Canada Limited,

L. Pradal.

APPROVED:

"S. R. Lyon".

Minister of Mines and
Natural Resources.



p. c. to: Mr. M. J. Gobert, Assistant Deputy Minister.

Dr. J. F. Davies, Chief Geologist.

Mr. T. Morgan, Chief Mining Recorder.

"SA"

AQUITAINE COMPANY OF CANADA LTD.

(Louis PRADAL - Vice-President

Jacques BENOIST - Chief Geologist

Sole subsidiary (fully owned) of

Societe Nationale des Peches d'Aquitaine

(Production 600,000,000 cu. feet gas / day
1,600,000 tons sulphur / year

(Large field off of France)

Producing in Sahara

Operating Spain, Libya, Australia.